

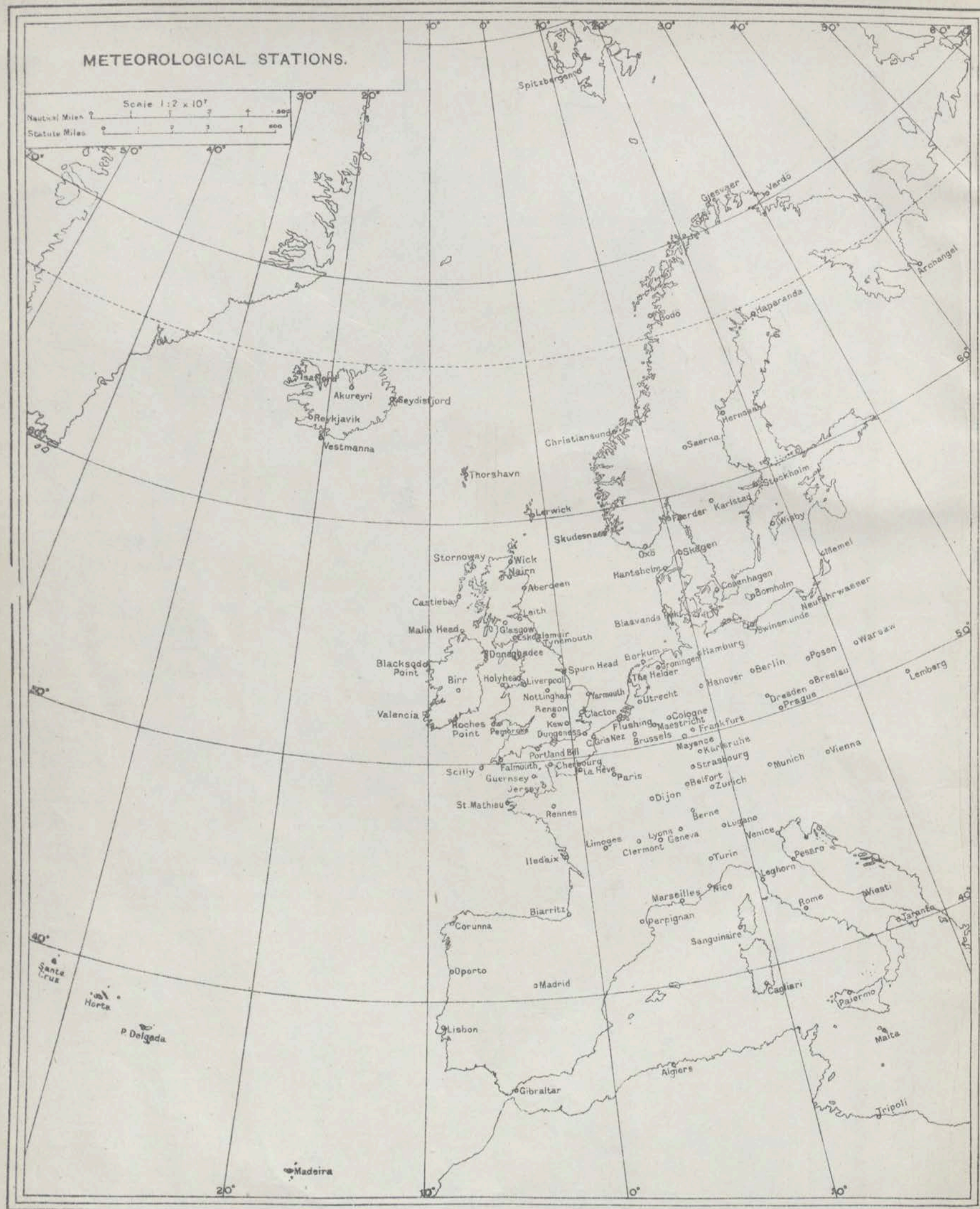
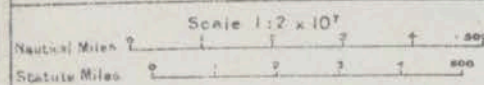
AIR MINISTRY.

**METEOROLOGICAL OFFICE,
LONDON.**

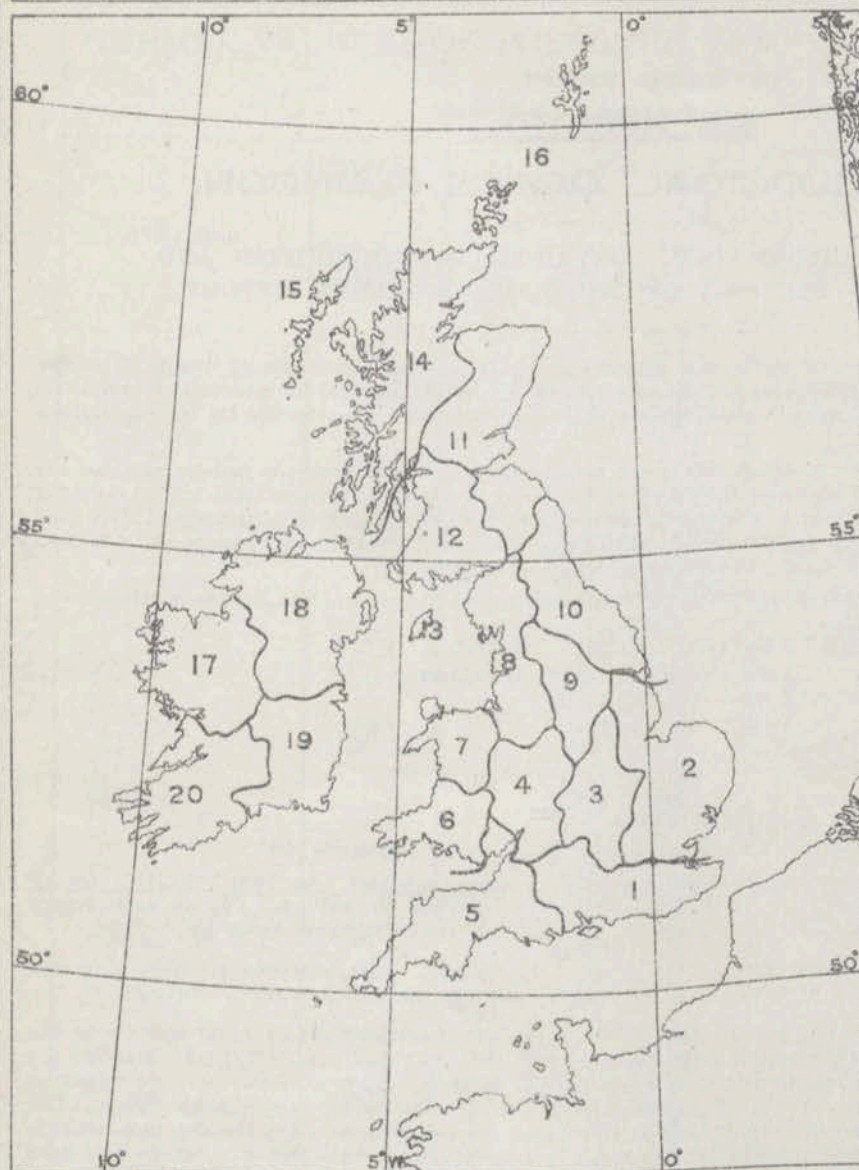
DAILY WEATHER REPORTS

1ST JANUARY TO 31ST MARCH, 1920.

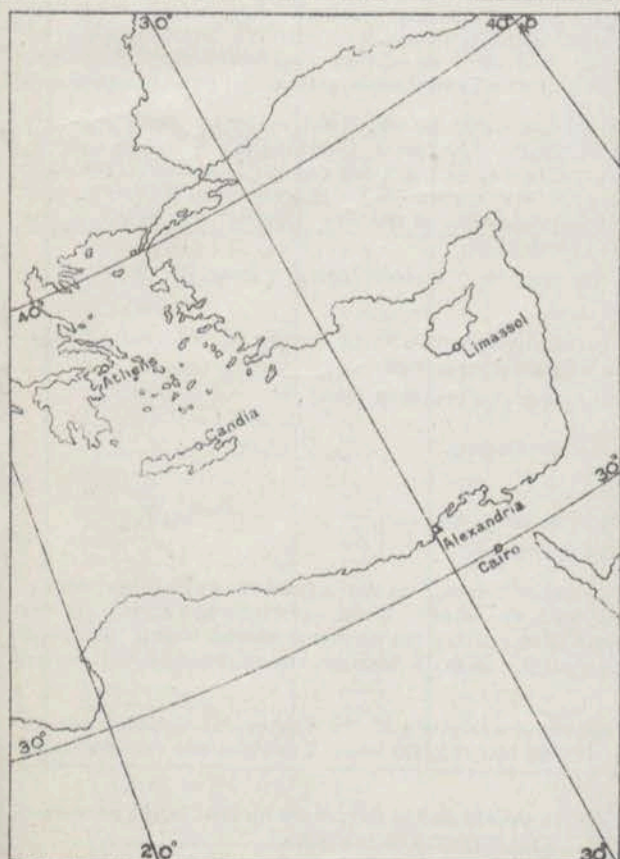
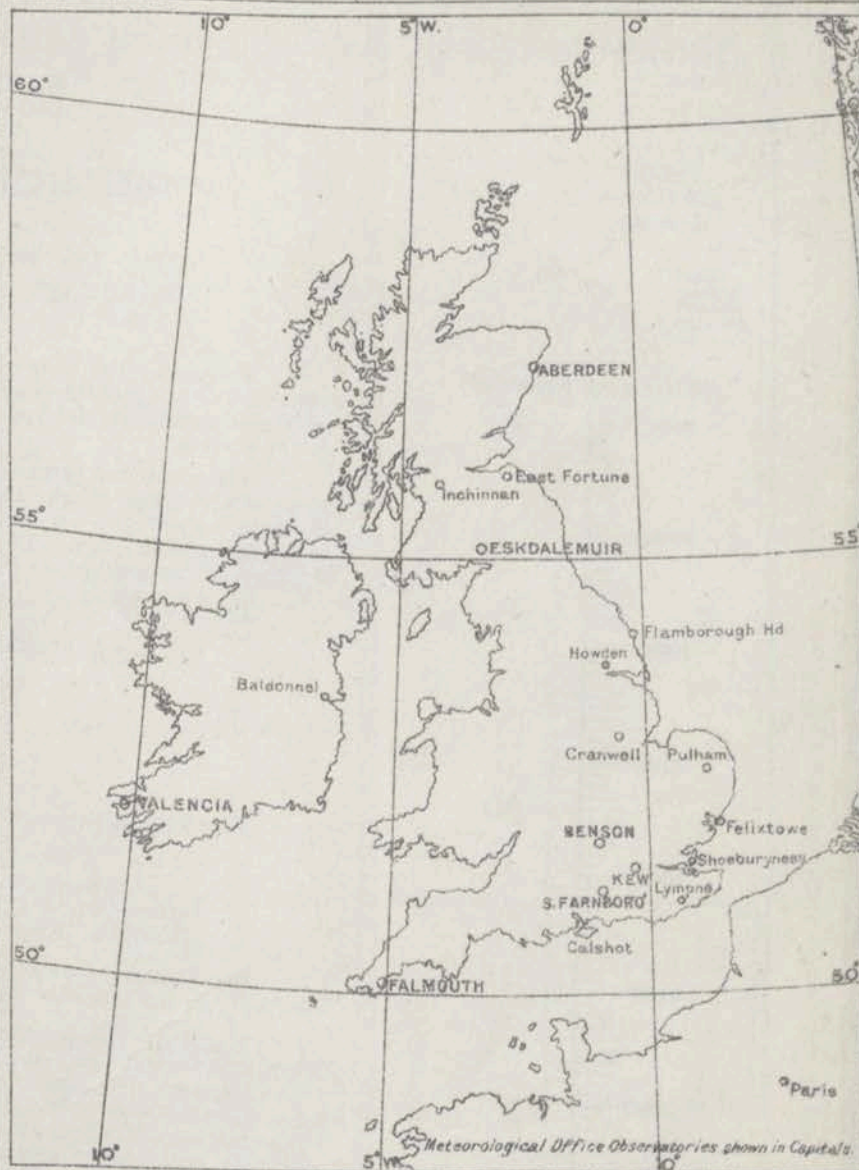
METEOROLOGICAL STATIONS.



DISTRICTS.



STATIONS USED FOR UPPER AIR SUPPLEMENT.



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 rises 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 wind ..	Raises dust and loose paper; small branches are moved	13-18
5	Fresh wind ..	Small trees in leaf begin to sway; crested wavelets on inland waters	19-24
6	Strong wind ..	Large branches in motion; whistling heard in telegraph wires	25-31
7	High wind ..	Whole trees in motion; inconvenience felt when walking against wind	32-38
8	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	.. ..	Very rarely experienced; accompanied by widespread damage	64-75
12	Hurricane ..	.. ..	Above 75

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle.
e wet air without rain falling
f fog. g gloom.
h hail. l lightning.
m mist. o overcast sky.
p passing showers.

BEAUFORT NOTATION.

q squalls. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
u ugly, threatening sky.
v unusual visibility
w dew. x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather

WEATHER SYMBOLS.

Clear sky ○ Sky 1/4 clouded ○
Sky 1/2 clouded ○
Overcast sky ⊕ Rain falling ⊕
Snow ❄ Sleet ⊕
Fog ☁ Hail ⊕
Thunder ⚡ Mist ⊕
Lightning ⚡ Thunderstorm ⊕
Aurora 🌈 Gale ⊕
Rime ❄ Solar halo ⊕
Glazed frost ❄ Lunar halo ⊕
Glazed roads ❄ Solar corona ⊕
Snow lying ❄ Lunar corona ⊕

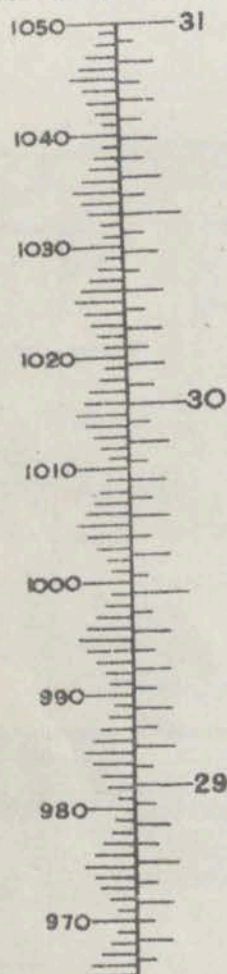
Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0 = slight, 2 = heavy. Underlining is used to express continuity.

AIR MINISTRY.

METEOROLOGICAL OFFICE, LONDON.

NOTES ON THE INFORMATION CONTAINED IN THE BRITISH AND INTERNATIONAL SECTIONS OF THE DAILY WEATHER REPORT.

Millibars. Inches.

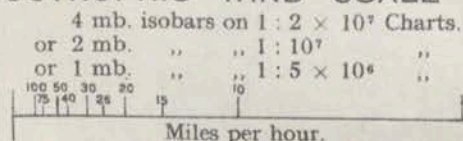


Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section. Values in millibars may be converted to mercury inches by the scale given in the margin.

The wind at a height of 1,000–2,000 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 (160 miles) in the British Section of the 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 $\frac{1}{2}$ inch apart the corresponding speed is 24 m.p.h.

The scale below can be used as indicated with both the International and the British Sections:—

GEOSTROPHIC WIND SCALE FOR



This scale applies under the following conditions:—

Pressure, 1,015 mb. Temperature, 283° A. = 50° F. Latitude, 55°.

Corrections.—For an increase of 10 mb. pressure, subtract 1% from velocity; for air 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 $1\frac{1}{2}$ % for each degree below 55°.

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

Upper Air Temperature.—The actual 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 or humidity 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, heights are given both in feet and kilometres and temperatures in degrees Fahrenheit and Absolute. The lines marked "Anti-cyclonic," "Cyclonic," "Summer," and "Winter," indicate the normal fall of temperature with height or lapse rate under the conditions indicated. The oblique line marked "Adiabatic" shows the lapse rate 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 10a per kilometre. A lapse rate greater than this value indicates instability of the atmosphere.

Cloud Types.—In the inset maps of the British Section and in the cloud maps of the Upper Air Supplement the amounts of different types of cloud are shown. The forms, Cumulus (Cu.), Nimbus (Nb.), Strato-cumulus (St.-cu.), Cumulo-nimbus (Cu.-nb.), and Stratus (St.) are set out on the chart of Lower Cloud. The forms, Alto-cumulus (A.-cu.), Alto-stratus (A.-st.), Cirrus (Ci.), Cirro-cumulus (Ci.-cu.), and Cirro-stratus (Ci.-st.) are given under Upper Cloud. The proportion of the sky covered with cloud of the different types is shown by numbers (tenths of the sky covered).

For description of Cloud Types reference may be made to "Meteorological Glossary," M.O. 225 ii, and "Cloud Forms," M.O. 233.

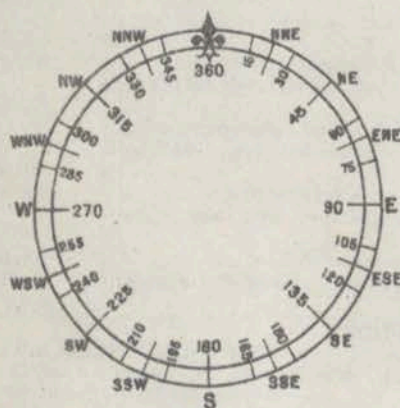
Weather.—In describing the distribution of weather over a district or during an interval of time such as a day, descriptive adjectives are used with the following meanings:—

- Fine—mainly b and bc of the Beaufort notation (*see* previous page).
- Fair or fair generally—mainly bc and c.
- Cloudy—combinations of bc, c and o, c predominating.
- Overcast—mainly c and o.
- Dull—overcast with low heavy cloud.
- Varying or variable cloud—combinations of b, bc, c, and o.
- Precipitation when occurring is specifically mentioned.

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 Upper Air Supplement for heights of 1,000 feet, 2,000 feet, 5,000 feet, 8,000 feet, 10,000 feet, 15,000 feet. The data are usually based on Pilot Balloon ascents.

In the forecasts of upper wind, direction is specified in points and in degrees from true north measured through East 90°, South 180°, West 270° to North 360°. (*See* diagram in margin.)



JANUARY.

FEBRUARY.

MARCH.

DAILY WEATHER REPORT. APPENDIX I.

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

FIRST QUARTER, JANUARY TO MARCH.

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

JANUARY.

STATIONS.	PRESSURE. 1906-1915. 7 a.m. Observations (reduced to M.S. Level).	AIR TEMPERATURE.								RAINFALL. 1881-1915.		BRIGHT SUNSHINE. 1881-1915.	
		Means of				Absolute Extremes.				Days with Rain.	Total Fall.	Daily Mean.	Per Centage of Possible Duration.
		1906-1915.		1881-1915.		1881-1915.							
		Dry Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.						
					Temp.	Year.	Temp.	Year.					
Lerwick	mb. 1007.0	39.6	42.6	35.6	52	1898	1910	16	1910	27	108	4.25	11
Stornoway	1008.1	40.3	41.7	34.9	55	1890	1881	11	1881	25	131	5.17	11
Castlebay (Barra Isd.)	[1009.0]§	[41.0]§	[45.6]§	[39.1]§	[52]§	[1908, 09, 10, 14]§	[28]§	[1910]§	[24]§	[24]§	[114]§	[1.16]§	[13]§
Eskdalemuir	[1012.7]¶	[34.8]¶	[39.6]¶	[30.4]¶	[51]¶	[1910, 11, 15]¶	[3]¶	[1910]¶	[21]¶	[21]¶	[114]¶	[4.48]¶	[14]¶
Malin Head	1010.3	41.1	44.4	37.4	55	1898	1894	21	1894	22	166	2.61	—
Blackod Point	1011.9	43.7	46.5	38.8	56	1890	1891	26	1891	25	129	5.09	—
Valencia	1014.9	44.4	48.5	40.2	51	1882, 3, 4, 8, 9, 10, 11, 12, 13, 14	1894	20	1894	24	139	5.49	19
Roche's Point	1016.0	43.2	47.5	39.4	57	1889	1894	20	1894	21	105	4.15	—
Birr Castle	1014.3	39.3	45.2	34.3	57	1898	1881, 94	6	1881, 94	20	72	2.83	20
Donaghadee	1013.5	40.5	44.8	36.3	58	1898	1881	14	1881	20	64	2.53	—
Liverpool (Observatory)	1015.4	38.7	43.3	35.3	58	1898	1881	9	1881	17	54	2.12	—
Holyhead	1014.8	42.3	45.2	38.4	54	1899, 1915	1894	20	1894	19	74	2.91	[1.91]§
Pembroke (St. Ann's Hd.)	1015.9	42.9	45.9	39.4	53	1899, 1907, 14	1894	19	1881, 94, 1907	20	84	3.31	21
Seilly (St. Mary's)	1017.3	45.6	49.1	42.3	57	1899	1894	25	1894	21	76	2.98	23
Falmouth	1018.0	43.1	46.9	39.9	55	1888, 90, 96	1894	20	1894	20	107	4.21	22
Jersey (St. Aubin's)	1019.0	42.8	46.6	38.6	57	1899	1891	12	1891	20	75	2.94	26
Portland Bill	1016.5	43.0	45.5	38.7	[52]†	[1901, 03, 05, 11, 12, 13, 15]	[23]†	[1907]†	[1907]†	16	57	2.26	—
Dungeness	1016.6	39.4	43.8	34.7	55	1893	1891	11	1891	16	48	1.90	—
Dover	[1015.5]§	[38.1]§	[43.2]§	[34.4]§	[55]§	[1914]§	[17]§	[1910]§	[1910]§	[18]§	[57]§	[2.25]§	[25]§
Wick	1008.5	38.0	42.5	33.3	60	1898	1881	-4	1881	21	61	2.46	—
Nairn	1009.5	36.9	42.6	31.8	59	1887	1910	4	1910	18	51	1.97	[1.32]†
Aberdeen	1011.1	37.1	42.3	31.4	59	1898	1881	4	1881	18	55	2.18	21
Leith	1012.0	39.2	44.0	34.2	58	1898	1881	9	1881	15	45	1.66	—
Tynemouth	1013.5	38.5	43.5	31.6	58	1898	1881	6	1881	15	41	1.61	—
Spurn Head	1014.3	38.3	42.1	34.7	55	1898	1881	13	1881	15	33	1.36	[1.29]§
Yarmouth	1015.9	37.8	41.8	31.7	57	1899	1881	10	1881	18	44	1.74	[1.81]§
Clacton-on-Sea	1016.8	37.7	41.8	33.9	[55]†	[1914]†	[18]†	[1915]†	[1915]†	14	34	1.84	21
Nottingham	1015.7	37.1	42.6	32.6	56	1882, 88, 98, 99	1881	2	1881	19	46	1.81	14
LONDON (Kew Obsy.)	1017.5	38.3	43.1	34.6	56	1910	1881	9	1881	16	45	1.76	17

FEBRUARY.

Lerwick	1002.6	39.0	42.1	34.5	51	1910	1895	17	1895	21	80	3.16	—
Stornoway	1004.0	39.2	44.1	34.2	55	1891	1892	12	1892	22	111	4.46	2.05
Castlebay (Barra Isd.)	[1005.0]§	[42.7]§	[45.8]§	[38.9]§	[52]§	[1914]§	[27]§	[1912]§	[1912]§	[22]§	[91]§	[1.58]§	[19]§
Eskdalemuir	[1007.6]¶	[35.4]¶	[41.9]¶	[31.6]¶	[51]¶	[1912]¶	[10]¶	[1912]¶	[1912]¶	[22]¶	[77]¶	[1.76]¶	[16]¶
Malin Head	1005.8	40.7	44.6	37.1	59	1891	1895	20	1895	19	61	2.41	—
Blackod Point	1008.0	42.9	46.7	38.1	59	1891	1912	21	1912	21	101	4.06	—
Valencia	1010.6	43.5	48.8	39.7	58	1891	1895	22	1895	21	132	5.20	2.45
Roche's Point	1011.4	42.5	47.8	39.1	56	1889, 1896	1895, 1900, 02, 12	25	1895, 1900, 02, 12	18	91	3.70	—
Birr Castle	1009.7	39.1	46.7	34.4	60	1912	1895	6	1895	17	58	2.29	25
Donaghadee	1009.4	40.0	45.6	36.1	57	1897, 1901, 11	1895	16	1895	18	58	2.10	—
Liverpool (Observatory)	1010.7	38.7	44.2	35.6	59	1885, 1898	1895	12	1895	16	42	1.68	[1.65]§
Holyhead	1010.2	41.9	45.4	38.0	59	1891	1895	17	1895	17	61	2.43	[2.50]§
Pembroke (St. Ann's Hd.)	1011.3	42.2	45.6	38.9	50	1903	1895	23	1895	17	68	2.66	28
Seilly (St. Mary's)	1012.8	45.1	48.9	41.7	57	1896, 1897	1895	27	1895	17	63	2.57	30
Falmouth	1013.8	42.6	47.1	39.6	58	1899	1895	22	1895	17	94	3.70	2.98
Jersey (St. Aubin's)	1015.2	42.4	47.3	38.7	56	1891	1895	18	1895	17	62	2.44	3.30
Portland Bill	1012.5	42.4	45.6	38.5	[54]†	[1905]†	[24]†	[1912]†	[1912]†	11	49	1.91	—
Dungeness	1012.9	39.5	44.5	35.2	57	1897	1889	11	1889	15	41	1.63	—
Dover	[1014.1]§	[39.4]§	[45.6]§	[35.9]§	[56]§	[1913]§	[17]§	[1912]§	[1912]§	[17]§	[43]§	[1.68]§	[14]§
Wick	1001.9	37.8	42.8	31.8	57	1897, 1903	1895	2	1895	19	58	2.27	—
Nairn	1005.0	36.8	43.9	31.3	64	1891	1895, 97	0	1895, 97	17	46	1.80	[1.59]†
Aberdeen	1006.7	37.7	43.2	33.4	64	1897	1895	6	1895	17	52	2.05	28
Leith	1007.2	38.8	45.2	33.8	59	1882	1895, 1912	12	1895, 1912	14	36	1.42	—
Tynemouth	1008.7	38.5	44.5	33.7	60	1898, 99	1895	7	1895	14	35	1.37	—
Spurn Head	1010.0	38.7	43.0	35.1	61	1899	1895	20	1895	14	31	1.21	[1.77]§
Yarmouth	1012.1	38.1	42.9	34.0	60	1912	1895	15	1895	15	33	1.49	[2.84]§
Clacton-on-Sea	1012.9	38.1	42.9	34.4	[58]†	[1903]†	[18]†	[1912]†	[1912]†	12	32	1.25	30
Nottingham	1011.4	37.6	44.6	33.2	61	1899	1895	2	1895	16	39	1.55	2.05
LONDON (Kew Obsy.)	1013.5	38.5	45.0	35.1	62	1899	1895	11	1895	13	39	1.54	2.13

MARCH.

Lerwick	1005.7	38.3	42.9	34.4	57	1893	1891	19	1891	25	80	3.14	—
Stornoway	1007.4	38.6	45.3	34.4	57	1894, 1907	1881	13	1881	24	104	4.10	29
Castlebay (Barra Isd.)	[1007.7]§	[41.7]§	[45.7]§	[38.5]§	[52]§	[1911]§	[27]§	[1915]§	[1915]§	[22]§	[77]§	[1.87]§	[31]§
Eskdalemuir	[1007.2]¶	[35.2]¶	[44.2]¶	[31.9]¶	[55]¶	[1910, 1915]¶	[16]¶	[1913]¶	[1913]¶	[21]¶	[113]¶	[5.24]¶	[26]¶
Malin Head	1008.2	40.7	46.0	37.9	62	1894	1906	25	1906	21	59	2.32	—
Blackod Point	1009.8	42.7	47.9	38.6	64	1894, 1899	1895	26	1895	21	104	4.10	—
Valencia	1011.8	43.4	48.7	39.9	66	1899	1899, 1901	21	1899, 1901	21	115	4.54	3.97
Roche's Point	1012.2	42.5	49.3	39.2	61	1899	1890	27	1890	18	76	3.01	—
Birr Castle	1011.0	38.8	49.2	34.6	66	1894	1891	18	1891	18	61	2.40	3.55
Donaghadee	1010.1	39.9	47.4	36.7	64	1892	1895, 1905	25	1895, 1905	19	56	2.19	—
Liverpool (Observatory)	1011.0	39.6	46.9	36.0	67	1894	1886	27	1886	17	48	1.90	[1.52]§
Holyhead	1010.8	41.9	46.9	38.4	58	1899	1881	26	1881	18	67	2.62	[4.05]§



METEOROLOGICAL OFFICE, LONDON:
DAILY WEATHER REPORT, BRITISH SECTION.

No 25224 B THURSDAY, 17 JANUARY, 1920

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.																												
STATIONS.	Barom. at M.S.L. m.b.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea 0-9.	Barom. at M.S.L. m.b.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea 0-9.		
	°F.	%	Feet.	Form.		Am't.	Form.	Am't.	°F.	%	Feet.	Form.		Am't.	°F.	%	Feet.		Form.	Am't.								
13h. G.M.T. OF 31.57													19h. G.M.T. OF 31.57															
†Houton B. (Orkney)	996.1	+5	NNW	6	07.5h	24	87	4	1½-2000	Nb	5	A. St.	5	999.3	+4	WNW	5	b	33	87	8	-	-	-	-	*		
Eskdalemuir ...																										*		
†Stranraer ...																										*		
†Lough Foyle ...																										*		
Valencia (Cahire'n)	997.7	-4	WSW	2	0	44	82	10	2-3000	Cu	5	A. St.	4	992.0	-6	SE	4	07	43	82	7	1½-2000	Sc	3	A. St.	7	4	
†Anglesey (Llangefni)																										*		
Falmouth ...	995.5	+1	W	4	c	45	65	7	-	St	7	-	-	997.7	-3	W	2	om	43	82	6	-	Sc	10	-	-	*	
†Calshot (Hants) ...	992.2	+6	W	7	c	43	92	6	1½-2000	St	7	-	-	994.1	+3	W	3	b	41	92	4	-	-	-	-	2	*	
†Capel (Folkestone)	988.7	+3	SW	7	09	40	92	6	1½-1000	Nb	10	-	-	994.5	+7	W	6	c	40	65	8	1½-2000	Sc	8	-	-	*	
Aberdeen ...	981.9	+1	NW	6	09	36	92	6	-	Nb	10	-	-	993.5	+3	WNW	6	opq	36	87	6	-	Nb	5	C. St.	5	4	
†East Fortune ...	985.4	+4	WNW	5	0	38	82	6	1½-2000	Nb	8	-	-	987.7	+4	WNW	4	b	36	87	8	2-3000	M. Cu	2	-	-	*	
†Fleamoor Head ...	981.0	0	WSW	5	om	43	98	4	1½-2000	St. Cu	8	A. St.	2	987.8	+8	W	5	op	37	87	5	1½-2000	Sc	8	A. St.	2	-	
†Felixstowe ...	985.1	-1	NW	5	e	41	98	4	1½-1000	St. Cu	10	-	-	992.2	+7	NNW	7	07	41	98	4	5-1000	Nb	10	-	-	6	
†Cranwell (Lincs)	983.8	+2	W	5	r	40	92	6	1½-2000	Nb	10	-	-	991.0	+9	WNW	4	c	37	82	5	1½-2000	Sc	4	A. Cu	3	-	
†Bedford ...																										*		
Benson ...	989.5	+9	W	5	c	43	75	8	-	-	-	-	-	994.8	+6	W	3	b	39	75	8	-	-	-	-	*		
London (Kew Ob.)	989.7	+7	WNW	5	09	44	75	7	3-4000	St. Cu	9	-	-	993.8	+7	W	3	b	42	65	6	-	Sc	1	A. St.	2	*	
1h. G.M.T. OF 1.57													7h. G.M.T. OF 1.57															
†Houton B. (Orkney)	991.6	+2	SSW	2	bc	23	75	7	-	-	-	C. St.	5	*	996.5	+4	N	3	b	24	75	7	-	Cu	1	-	-	*
Eskdalemuir ...																										*		
†Stranraer ...																										*		
†Lough Foyle ...																										*		
Valencia (Cahire'n)	984.4	0	ESE	5	om	40	*	*	*	*	*	*	5	995.2	+14	NE	6	bc	40	75	8	-	Cu	4	-	-	0	
†Anglesey (Llangefni)																										*		
Falmouth ...	986.7	-12	SE	6	07.5	42	92	3	-	Nb	10	-	-	979.3	-1	NE	7	req	47	92	3	-	Nb	10	-	-	*	
†Calshot (Hants) ...	993.3	-3	E	2	r	40	98	3	1-1500	Nb	10	-	-	988.4	-3	E	6	r	43	98	2	1-1500	Nb	10	-	-	6	
†Capel (Folkestone)	1002.0	+4	W	3	b	38	82	6	-	-	-	A. Cu	3	-												*		
Aberdeen ...														992.8	+4	WNW	5	b	30	82	7	-	-	-	-	3	*	
†East Fortune ...														995.0	+4	NW	5	b	31	65	-	2-3000	Sc	2	-	-	*	
†Fleamoor Head ...	991.3	+4	W	2	bc	32	87	5	3-4000	St	1	A. St.	3	*												*		
†Felixstowe ...	995.4	+1	WNW	3	bc	36	92	4	1½-1000	St. Cu	4	-	-	994.1	-2	W	3	c	32	97	4	1-1500	Sc	5	Sc	5	2	
†Cranwell (Lincs)	992.6	0	W	3	c	34	82	5	2-3000	St	3	A. St.	5	*	993.6	+1	NNE	3	bc	29	97	4	2-3000	Sc	2	A. St.	4	-
†Bedford ...														989.7	-3	NE	4	o	38	87	*	-	Cu	10	-	-	*	
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	990.6	-4	E	3	om	38	92	2	-	Sc	10	-	-	*	
London ...	993.6	-1	*	*	b	*	*	*	*	*	*	*	*													*		
STATIONS CONTRIBUTING REPORTS AT 7h AND 19h.																												
STATIONS.	Barom. at M.S.L. m.b.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.							
	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dirac. Force 0-12.		Max. °F.	Min. °F.	Morning.	Afternoon.	Night.																		
19h. G.M.T. OF 31.57													7h. G.M.T. OF 1.57															
24 HOURS ENDED 7h. 1.57													24 HOURS ENDED 7h. 1.57															
Lerwick ...	984.8	37	N	6	omr	988.9	+2	32	-5	NNW	4	-	bc	2	9	39	31	omr	omr	bc	q	*						
Stornoway ...	989.7	33	W	3	ops	997.2	+4	31	-4	N	1	-	b	2	2	37	27	b	ops	b	h	2.2						
Castlebay (Barras)	990.3	38	NW	2	b	1000.4	+5	38	-	NW	3	-	o	2	2	40	31	oh. bc.	bc.	bs. h. b.	h	1.6						
Glasgow ...	990.5	36	W	3	o	997.3	+5	29	-6	NW	2	-	b	3	3	38	29	ors. bc.	bc.	o. c. b. x	h	2.2						
Malin Head ...	990.7	40	NW	4	c	997.2	+2	37	-4	N	4	-	c	3	1	46	34	cp	c	c	h	1.8						
Blacksod Point ...	992.2	39	WSW	2	cp	999.0	+8	39	-1	E	4	-	cd	4	1	44	39	bc	bc	bc. bam	h	*						
Roche's Point ...	992.6	43	SW	1	o	992.5	+8	39	-2	NNE	4	-	o	3	10	47	38	6. bc	oco	or. o	h	*						
Birr Castle ...	992.8	37	SW	1	c	994.4	*	38	+1	SW	1	-	o	*	-	42	33	c	b	bc	h	5.0						
Donaghadee ...	993.2	39	NW	1	bc	997.5	+6	38	+1	NE	4	-	bc	4	-	43	34	bcq	cq	c. m	h	*						
Liverpool (Bidston)	992.4	41	NNW	5	bc	992.9	+1	36	-7	NE	3	-	o	3	7	43	36	bcq	bcq	op. r	h	0.5						
Holyhead ...	992.9	45	NW	6	bcq	993.3	+2	41	0	NE	5	-	bc	4	0.1	44	37	op. bc	bcq	b. bcq	h	2.3						
Pembroke (St. Ann's Head)	996.6	44	W	3	cv	988.6	-1	40	-3	NE	4	-	or	4	4	45	39	bcq	bcv	wp. or	h	5.2						
Scilly (St. Mary's)	997.0	46	WSW	2	o	979.5	-3	47	+1	WNW	3	-	c	4	10	50	43	bcc	co	cp	h	0.2						
Jersey (St. Aubin)	1000.2	45	W	4	op	981.6	-4	47	0	S	4	-	og	6	6	49	44	bc	bc bop	op. og	h	4.2						
Portland Bill ...	997.6	46	WNW	6	bc	983.3	-2	42	-2	E	7	-	r	6	8	49	40	c. bcq	bc	or	h	*						
Dungeness ...	994.1	42	W	6	bc	990.7	-	44	+4	S	3	-	c	3	-	48	37	cpq	cq	c. b. bc	h	*						
Wick ...	984.0	36	NW	3	omd	991.2	+3	32	-5	NW	4	-	bcq	3	5	40	28	om	ompr	bc. ops	h	*						
Nairn ...	986.8	36	WNW	2	o	995.3	*	30	-6	WNW	2	-	bc	2	1	38	29	oog	cg	wp. p. c	h	0.0						
Leith ...	988.7	36	SW	2	b	994.7	+2	33	-4	NW	1	-	b	2	2	39	29	rq. oc	c. bc. b	bc. b	h	*						
Tynemouth ...	987.7	36	NW	3	cm	993.2	-	33	-11	WNW	1	-	cm	2	6	44	32	bam	omr	bc. m	h	*						
Spurn Head ...	988.2	39	NW	5	c	992.5	+3	37	-5	WNW	4	-	c	4	7	45	35	adm	ogc	bc	h	0.0						
Yarmouth (Gorleston)	987.8	39	W	3	r	994.0	0	33	-12	NNW	1	W	bc	2	6	46	33	bcamr	omr	om. bc	h	0.0						
Clacton-on-Sea	991.3	42	WNW	5	o	992.2	-3	37	-9	NNE	3	-	bcx	2	3	46	35	ogq. r	ogq. r	e. bc. bx	h	0.0						
Nottingham ...	991.6	40	WNW	3	b	992.4	*	32	-13	E	2	-	c	*	0.4	46	31	cp	oc	p. bc. b	h	*						

† Air Ministry Station.

* Information for these columns not usually received.

† The barometric change is expressed in half millibars. ‡ Longside † at 1.

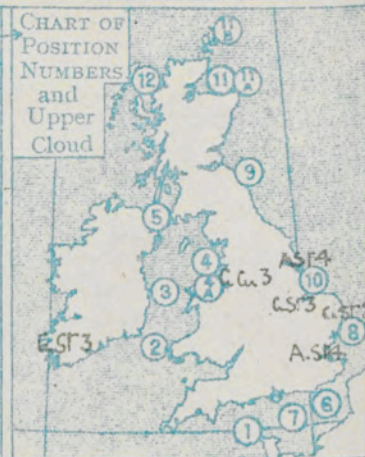
SUMMARY OF CONDITIONS AT 7 h. G.M.T. 1.1.21.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Dull, misty, local rain.	Poor	Slight
2. E. England	Fair	Good	Smooth
3. E. Midlands	Dull, misty.	Indiff.	-
4. W. Midlands	Dull, misty.	Poor	-
5. S.W. England	Slight rain, misty.	Indiff.	Mod.
6. South Wales	Dull, misty.	Fair	Mod.
7. North Wales	Gloomy.	Fair	Slight
8. N.W. England	Dull, misty.	Poor	Slight
9. N. Midlands	Dull, misty	Indiff.	-
10. N.E. England	Fair to dull, misty.	Fair.	Smooth
11. E. Scotland	Fine, misty.	V. good	Slight
12. S.W. Scotland	Dull.	Good	V. smooth
13. Isle of Man	Dull, misty.	Fair.	V. smooth
14. N. & N.W. Scotland	Fair to fine.	Good	Slight
15. Hebrides	Dull, showery.	Fair.	Moderate
16. Orkneys and Shetlands	Dull, misty, rainy.	Indiff.	Moderate
17. N.W. Ireland	Fair	Good	R. rough
18. N.E. Ireland	Dull, misty.	Fair.	V. smooth
19. S.E. Ireland	Dull.	Fair.	Moderate.
20. S.W. Ireland	Dull.	Fair.	-

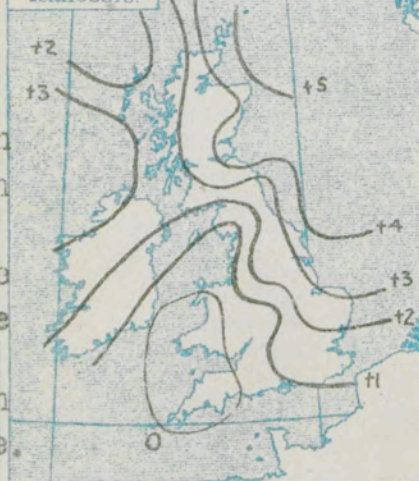
Temperature reported from Coastal and Cross Channel Steamers.

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
5.	31 st Dec.	08.48	49	50
1.	"	12.15	52	54
6.	"	15.00	51	52
7.	1 st Jan.	02.55	52	54
4A.	"	03.15	48	50

CHART OF POSITION NUMBERS and Upper Cloud

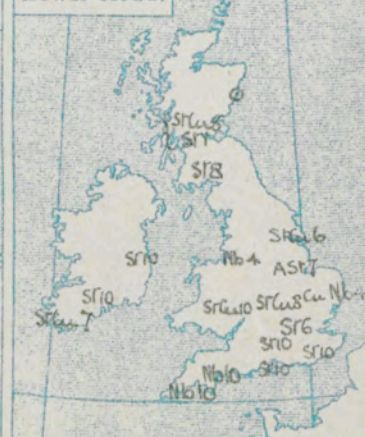


Isallobars.



Barometric change from 4 h. to 7 h. (half millibars).

Lower Cloud.



EXPLANATION.

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

WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.—

○ clear sky. ○ sky 1/2 clouded.

⊙ sky 1/2 clouded. ⊙ sky 1/2 clouded.

⊙ overcast sky. ● rain falling.

✱ snow. ✱ sleet. ▲ hail.

≡ fog. ≡ mist.

T thunder. T thunderstorm.

SEA DISTURBANCE.—

Rough ~~~~~ High ~~~~~

GENERAL INFERENCE from observations received up to 9h.

The general South-Westerly wind current is likely to maintain mild weather. Secondaries will cause much cloud with rain or drizzle in places.

Districts. Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 1st January 1921.

1. S.E. England	Wind mainly SW moderate; variable sky, local drizzle or showers; visibility indifferent to fair, local mist; mild.	
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. E. Scotland	Wind S to SW moderate to strong; mainly cloudy or overcast, some rain; visibility varying indifferent to good; mild.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

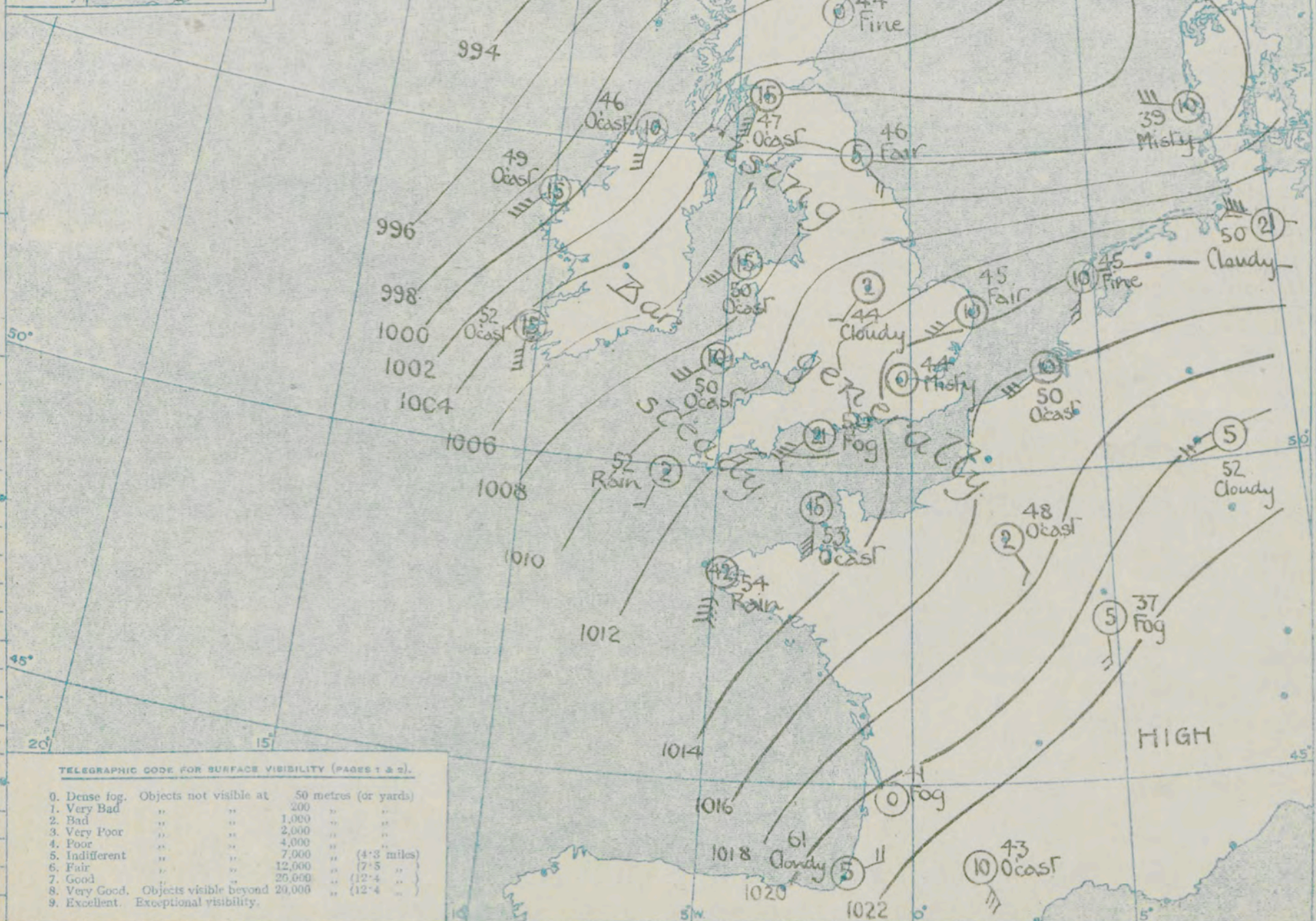
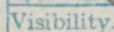
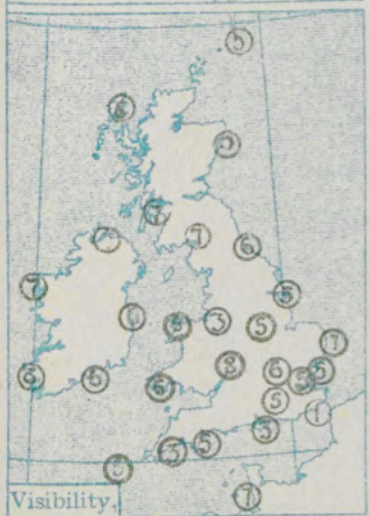
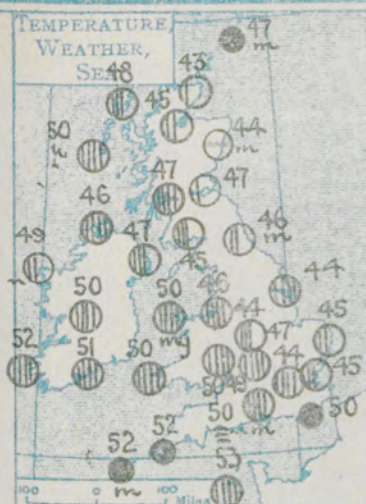
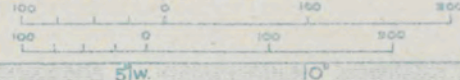
Farther Outlook.

Continuing mild with South-Westerly winds and unsettled weather.

TEMPERATURE,
WEATHER,
SEA

Scale - 1:10,000,000

Nautical Miles
Statute Miles.



TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2).

0. Dense fog.	Objects not visible at	50 metres (or yards)	
1. Very Bad	" "	200	" "
2. Bad	" "	1,000	" "
3. Very Poor	" "	2,000	" "
4. Poor	" "	4,000	" "
5. Indifferent	" "	7,000	" (4.3 miles)
6. Fair	" "	12,000	" (7.5 ")
7. Good	" "	26,000	" (12.4 ")
8. Very Good.	Objects visible beyond	20,000	" (12.4 ")
9. Excellent.	Exceptional visibility.		

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920 No. 1... B

Thursday
1st January.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31st Dec. 1919

STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 12h-9h. 30°.	Day, 9h-12h. 31°.	Sunrise to Sun- 31°.	Forenoon.			Afternoon.	Max. °F.	Min. °F.	Night, 12h-9h. 30°.	Day, 9h-12h. 31°.	Sunrise to Sun- 31°.		
Scotland.	Oban	bbc	co	41	33	-	-	2.8	England, N.W.	Douglas (I.O.M.)									
	Banff									Blackpool	o	c	41	39	19	-	1.3		
	Montrose									Southport	oro	bcbcbchc	42	39	8	1	1.3		
	St. Andrews	o	c	38	29	29	1	0.2											
England, N.E.	Harrogate	o	ob	43	34	10	-	0.0	Midlands.	Buxton									
	Skegness									Leamington Spa... ..	cb	cb	42	41	3	-	0.0		
										Malvern									
										Ross-on-Wye	evbcq	bcqcb	45	38	4	-	5.7		
England, E.	Felixstowe	ogqm	ogep	45	41	7	1	0.0	Wales.	Rhyl	cr	pcpc	49	38	4	2	0.1		
	Walton-on-Naze...									Colwyn Bay	-	-	43	40	9	3	0.6		
	Southend-on-Sea...	org	org	45	42	6	1	0.0		Llandudno	cr	cph	45	39	10	3	1.3		
	Lowestoft	ogr	op	45	41	5	2	0.0		Aberystwyth	roc	co	45	42	*	*	3.0		
England, S.E.	Margate	o	or	47	46	2	1	0.1	England, S.W.	Weymouth	cbe	bc	46	42	4	-	0.0		
	Ramsgate	o	o	46	34	5	1	0.0		Teignmouth									
	Folkestone	robec	dcoc	45	41	4	-	0.1		Torquay	bcb	b	47	42	2	-	4.3		
	Hastings	oro	obc	50	40	2	0.3	0.1		Paignton	bcq	bcom	47	39	1	-	4.4		
	Eastbourne	oro	ocbc	45	42	2	0.3	0.2		Penzance	bcc	c	48	44	3	-	2.8		
	Brighton	opoc	cbcb	45	42	10	0.2	1.5		Newquay	b	opo	46	42	2	1	3.2		
	Worthing	obc	bc b	45	40	8	-	1.5		Bude	qpcbc	bcc	53	42	6	1	3.4		
	Littlehampton	rg	bc	50	40	4	1	1.8		Ilfracombe	cq	c	46	43	4	-	2.9		
	Bournemouth	-	-	45	40	21	-	3.5		Weston-s-Mare	bc	bc	45	40	4	-	3.5		
	Tunbridge Wells	oro	oc	43	39	13	0.3	0.0		Ventnor	-	-	49	41	6	-	3.3		

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.		No.	Limits of Velocity.	
	7h-10h 31°.	12h-15h 31°.	18h-21h 31°.	1h-7h 1°.				Day, 7h-18h.	Night, 18h-7h.				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	ormooren	c.bcbq	b	bab	39	24	18	2	-	0.6	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3
†Eskdalemuir ...											bc sky partly cloudy (one half covered).	1	1-3	0.3-1.5
†Stranraer ...											c generally cloudy (three quarters covered).	2	4-7	1.6-3.3
†Lough Foyle ...											d drizzle, or fine rain.	3	8-12	5.4-6.4
†Valencia (Cahirciveen)...	b.bcpo	or	rc.bc		45	38	16	-	9	0.0	e wet air without rain falling.	4	13-18	5.6-7.9
†Anglesey (Llangefni) ...											f fog.	5	19-24	8.0-10.7
†Falmouth ...	b.bgy	c.com	om.org	rg	47	41	34	-	15	3.0	g gloom.	6	25-31	10.8-13.8
†Calshot (Hants) ...	g.co	q	b.bc	rg	45	37					h hail.	7	32-38	13.9-17.1
†Capel (Folkestone)...	cv	Co v	b.bcc								i lightning.	8	39-46	17.2-20.7
†Aberdeen ...	oursq	q.opq	opfg-b		38	29	23	13	3	0.0	m mist.	9	47-54	20.8-24.4
†East Fortune ...	g.g	b.bca			38	30					o overcast sky.	10	55-63	24.6-28.4
†Flamborough Head ...	om.r	orh.	b.bq								p passing showers.	11	64-75	28.5-33.5
†Felixstowe ...	g.p	q.p.	q.p.		?	30					q squalls.	12	Above 75	33.6 or above
†Cranwell (Lines) ...	ro	r.p.	b.bcc								r rain.	Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0 = slight, 2 = heavy. Underlining is used to express continuity.		
†Bedford ...											rs sleet, i.e., rain and snow together.			
†Benson ...	poc	bcb	bc.co		42	32	34	0.3	-		s snow.	SYMBOLS— Aurora ☄ Solar halo ☉ Rims ☾ Lunar halo ☽ Glazed frost ☁ Solar corona ☉ Glazed roads ☁ Lunar corona ☽		
†London (Kew Obsv.) ...	ora.odg	ogc.bcc	bc.ome		47	34	25	1	0.1	0.2	t thunder.			
											u ugly, threatening sky.			
											v unusual visibility.			
											w dew.			
											x hoar frost.			
											y dry air; humidity less than 60 per cent.			
											z dust haze; the turbid atmosphere of dry weather.			

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	Humidity %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED 9H G.M.T. 1 st ...								YESTERDAY. TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday. Total 77 Joules. Milliwatts Average Rate. 2.7 Maximum Rate. 4		1 st 2 nd 3 rd January 1920.		
Greenwich (Royal Observatory)	o	o	bc.od o	44	32	23	Trace	0.0	67	87		Stations.	Sunrise.	Noon.	Sunset.
City (Bunhill Row)	x	x	x	x	x	x	x	0.0	x	x		G.M.T. <td>G.M.T.<td>G.M.T.</td></td>	G.M.T. <td>G.M.T.</td>	G.M.T.	
Westminster (St. James's Park)	x	x	x	x	x	x	x	0.1	x	x		Yarmouth...	8.6	11.57	3.48
Admiralty Arch	orgoq	cq	bcom	46	38	x	0.2	0.0	71	84	Greenwich	8.6	11.57	3.48	
Camden Sq. (British Rainfall)	orgoq	cq	bcom	46	38	x	0.2	0.0	71	84	Wick	8.8	12.4	4.0	
Kensington Palace	o.or	o	x	45	32	26	1	x	66 (10h)	83	Valencia	8.8	12.4	4.0	
Hampstead Observatory	o.or.bc	bc.op	x	50	33	26	Trace	x	x	x		9.5	12.16	3.27	
												9.6	12.10	3.28	
												8.51	12.45	4.38	
												8.51	12.45	4.38	

NOTES ON THE WEATHER OF YESTERDAY.

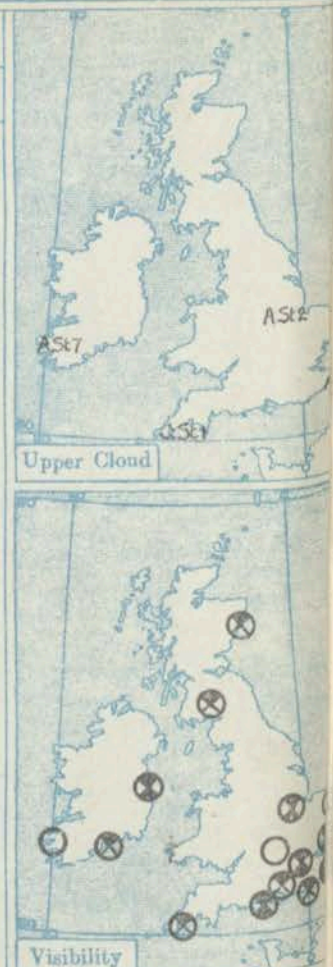
Rain again fell in nearly all districts the largest amounts being 10 mm. at Roches Point and Scilly. The day was sunless in the east of England but some Western stations recorded five hours of sunshine. Air temperature was generally lower than of late the maximum in London (Kew Observatory) being 45° as compared with 51° on Tuesday.

† Air Ministry Station.

* Information for these columns not usually received.

SUMMARY OF CONDITIONS AT 7 A.M. Friday, 2nd January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W. NW. 5-10	Cold	Fine	Ord.	Smooth
2. E. England	W. 5-10	"	Fair to fine, some mist.	Indiff.	"
3. E. Midlands	SW. 2-5	R. cold	Fine	Good	"
4. W. Midlands	W. 0-5	"	Fine	"	"
5. S.W. England	N. 0-5	Cold	Fair to fine.	"	Slight
6. South Wales	NW-N. 2-5	Mod.	Fine	V. good	Smooth
7. North Wales	W. 15-20	"	Fine	Ord.	Mod.
8. N.W. England	W. 15-20	"	Fair to dull.	Indiff.	R. rough
9. N. Midlands	SW. 0-5	Cold	Fine	Ord.	"
10. N.E. England	W. 10-15	R. cold	Fine, some haze.	"	Mod.
11. E. Scotland	SW-W. 2-5	Cold	Fine	Good	Smooth
12. S.W. Scotland	SW-W. 2-5	"	Fine	"	Slight
13. Isle of Man	W. 5	R. cold	Fine	Ord.	Mod.
14. N. & N.W. Scotland	W. 5-10	"	Fair to fine.	"	Slight
15. Hebrides	SW-W. 5-10	Mod.	Dull.	"	"
16. Orkneys and Shetlands	W. NW. 20-30	R. cold	Dull, some snow.	Poor	Mod.
17. N.W. Ireland	SW-W. 5-15	Mod.	Fair, some mist.	Indiff.	"
18. N.E. Ireland	W. 5-10	R. cold	Fine	Ord.	Slight
19. S.E. Ireland	SW. 2-5	Cold	Fair to dull.	"	Smooth
20. S.W. Ireland	S. SW. 5-10	R. cold	Fair to dull.	Good	Mod.



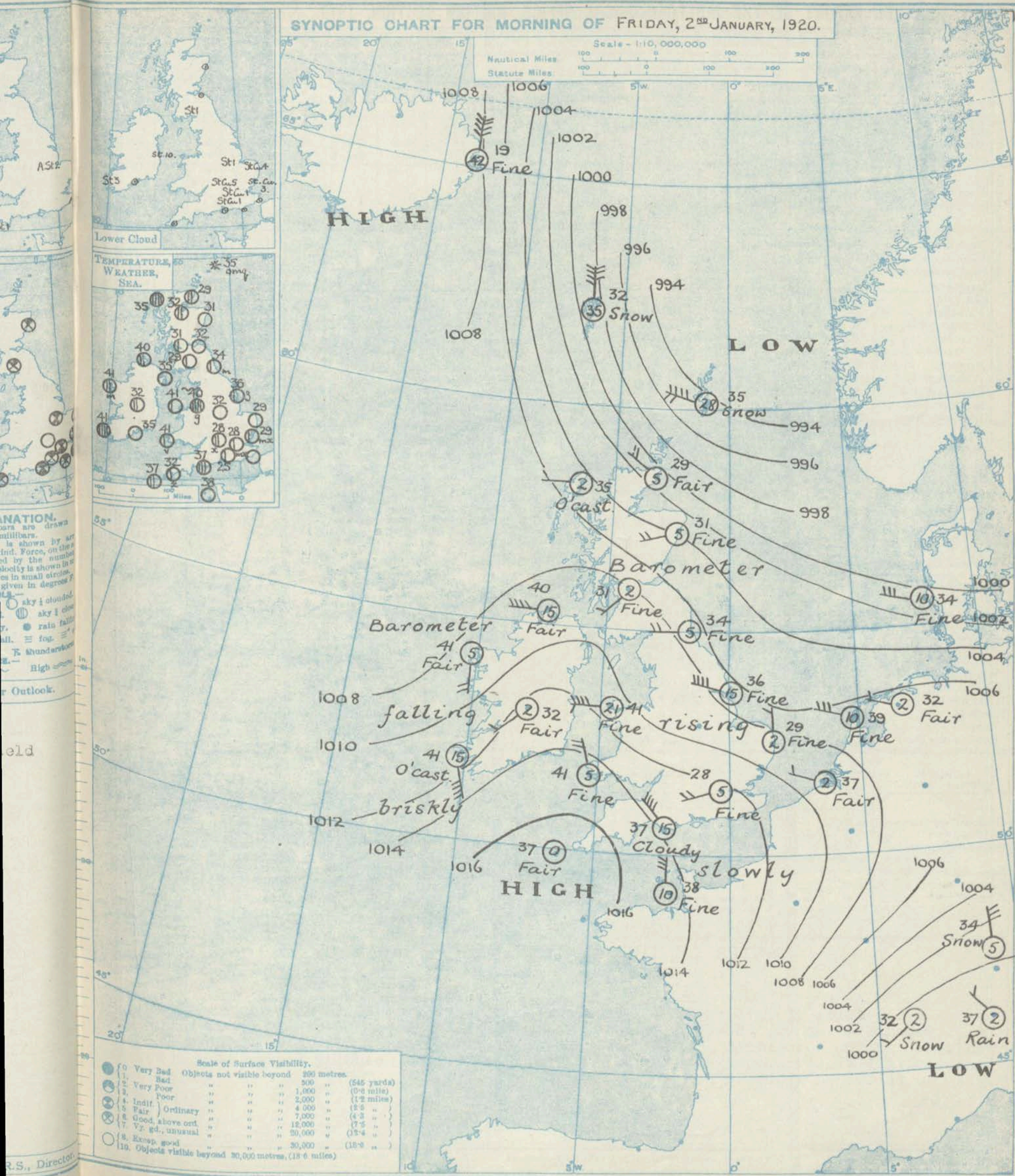
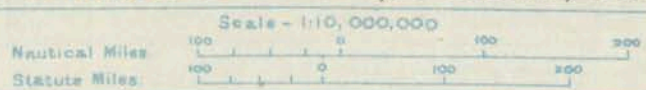
GENERAL INFERENCE from observations received up to 9 A.M.

A wedge of high pressure over the British Isles will move eastward and give fine weather temporarily over the east of England. A new depression which is approaching the west of Ireland will, however, cause a return to Southerly winds and unsettled weather in the western districts.

EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of 0.5 millibars.
 WIND.—Direction is shown by an arrow flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in a per hour by figures in small circles.
 TEMPERATURE is given in degrees F.
 WEATHER SYMBOLS.—
 ○ clear sky. ○ sky & cloud. ○ sky & rain.
 ⊙ overcast sky. ⊙ rain falling.
 * snow. △ hail. ≡ fog. ≡ thunder.
 SEA DISTURBANCE.—
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 2nd January, 1920
1. S.E. England	Winds Wly. light to moderate backing later to SW. or S. and increasing. Fine and rather cold at first, then increasing cloudiness and higher temperature. Probably some fog inland tonight.
2. E. England	
3. E. Midlands	
4. W. Midlands	Fresh or strong Sly. winds reaching gale force in exposed places; veering to W. or NW. later. Dull, some rain then improving. Rather mild, some mist.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Light or moderate W. wind backing to S. and freshening. Fine at first, less settled later. Some mist. Milder.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Same as for 4 & 9
13. Isle of Man	
14. N. & N.W. Scotland	Light or moderate variable winds. Weather mainly fair, but some snow or sleet showers. Rather cold.
15. Hebrides	
16. Orkneys and Shetlands	Strong NW. wind. Changeable, some snow. Cold.
17. N.W. Ireland	Wind S. strong to a gale veering W. or NW. later. Rainy then improving. Visibility indifferent. Rather mild.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

SYNOPTIC CHART FOR MORNING OF FRIDAY, 2ND JANUARY, 1920.



R.S., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 2.. B

Friday
2nd January 1919

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1st																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-6h. 31st	Day. 6h-12h. 1st	Surmise to Sun- 12h. 1st	Forenoon.			Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-6h. 31st	Day. 6h-12h. 1st	Surmise to Sun- 12h. 1st		
Scotland.	Oban									England, N.W.	Douglas (I.O.M.)								
	Banff										Blackpool	bc b	bc b	35	32	-	2	4.5	
	Montrose										Southport	bc	bc b	35	31	0.3	-	4.0	
	St. Andrews ...																		
England, N.E.	Harrogate	c bc b	b bc b	38	28	-	-	3.6		Midlands	Buxton								
	Skegness	o	c bc	39	32	-	0.2	0.4			Leamington Spa...			34	33	-	-	0.6	
											Malvern								
											Ross-on-Wye ...	from c o	om c b	38	33	0.1	-	0.0	
England, E.	Felixstowe	bc	og m	39	34	1	-	0.0		Wales.	Rhyl	pc	c bc c	39	35	0.2	-	3.5	
	Walton-on-Naze...	o	o	39	34	-	-	0.0			Colwyn Bay								
	Southend-on-Sea...										Llandudno	bc	bc	44	35	2	-	2.8	
	LOWESTOFT	bc	c op	40	32	1	-	1.2			Aberystwyth ...	o c	bc o	40	34	3	3	4.0	
England, S.E.	Margate	o	o	44	35	-	-	0.0		England, S.W.	Weymouth	t	to	41	35	9	6	0.0	
	Ramsgate	o	o	42	33	-	0.2	0.0			Teignmouth								
	Folkestone	o	edo	43	35	-	0.3	0.0			Torquay	oto	o	40	38	21	4	0.0	
	Hastings	ot	ot	44	36	1	3	0.0			Paignton	ot	of bcq	41	36	38	9	0.0	
	Eastbourne	ot	rd	45	37	1	5	0.0			Penzance	of	c bc	43	39	14	1	0.8	
	Brighton	t	t	41	35	4	5	0.0			Newquay	of	c bc	43	39	7	0.3	0.2	
	Worthing	t	d	41	34	3	2	0.0			Bude	t	b	47	34	11	1	0.5	
	Littlehampton ...	t	t	46	38	2	6	0.0			Ilfracombe	otq	c bc	43	38	10	3	0.2	
	Bournemouth ...			40	35	11	1	0.0			Weston-s-Mare ...	o, c	c bc	40	37	9	-	0.0	
	TUNBRIDGE WELLS	oto od	oto o	40	32	1	1	0.0			Ventnor			44	36	5	4	0.0	

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.		No.	Limits of Velocity.	
	7h-12h ^{1st}	12h-18h ^{2nd}	18h-24h ^{3rd}	1h-7h ^{2nd}				Day. 7h-18h	Night. 18h-7h				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)... Eskdalemuir	bc.bv	bv.b	bx	om.c.b.b	34	23	16	-	*	*	6.1	0	Less than 1	Less than 0.3
†Stranraer							*	*	*	*		1	1-3	0.3-1.5
†Lough Foyle							*	*	*	*		2	4-7	1.6-3.3
†Valencia (Cahirciveen) ...	bcc	c.bc.b	c.b.c.c.o		42	31	26	-	-	-	3.2	3	8-12	2.4-5.4
†Anglesey (Llangefni) ...							*	*	*	*		4	13-18	5.5-7.9
Falmouth	rsqcy	cgy	bc.bx	bcx	47	31	22	9	-	-	0.2	5	19-24	8.0-10.7
†Calshot (Hants)	rq	bc.cr	do	bx	47	27	*	*	*	*		6	25-31	10.8-13.8
†Capel (Folkestone)...	afpd	of.r.		bc.c.b.b	40	27	*	*	*	*		7	32-38	15.0-17.1
Aberdeen	bg	bg.b	b.sp.b	bc	35	29	22	-	0.3	0.3	5.4	8	39-46	17.3-20.7
†East Fortune	b.bv.	b.bcv.	b.b.c	bc	34	30	*	*	*	*		9	47-54	20.8-24.4
†Flamboro' Head...	c.oq	so.o	c.oq	bc	39	29	*	*	*	*		10	55-63	25.5-28.4
†Felixstowe	bccz	bc.c	c.oq	bc	39	29	*	*	*	*		11	64-76	28.5-33.5
†Cranwell (Lincs) ...	bc.e.o	c.o.c.o	c.o.bc.c	bc	33	24	*	*	*	*		12	Above 78	33.6 or above
†Bedford							*	*	*	*		Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 1=heavy. Underlining is used to express continuity.		
Benson	o	bc	c.b.c	bc	39	25	16	-	-	-				
London (Kew Obsy.) ...	om.c.oq	om.bm	cm.bm	bc	39	28	20	1	-	-	0.5	SYMBOLS— Aurora ☉ Solar halo ☉ Rime ☼ Lunar halo ☼ Glazed frost ☉ Solar corona ☉ Glazed roads ☉ Lunar corona ☉		

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
WEATHER.										HUMIDITY %					
Morning. Afternoon. Night.										15 h. G.M.T. 9 h. G.M.T.					
24 HOURS ENDED 9h G.M.T. ... 2nd										YESTERDAY. To-day.		2nd & 3rd January 1919.			
Greenwich (Royal Observatory)	d.a.r.s.	o.c	c.b	39	27	16	1	0	80	79	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.
City (Bunhill Row)	*	*	*	39	26	*	*	-	77	75		G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	*	*	*	41	29	*	0.2	-	88	85	Total 109 Joules.	Yarmouth...	8.6	11.57	3.48
(Admiralty Arch)	om.opq	oq.bc	bc.bem	40	26	22	-	-	85	86		8.6	11.58	3.49	
Camden Sq. (British Rainfall)	-	-	*	39	26	19	-	-	-	-	Average Rate. 3.9	Greenwich	8.8	12.4	4.0
Kensington Palace	ork	o	*	37	25	18	-	-	-	-		8.8	12.5	4.1	
Hamptstead	o	o.bc	d.c.m							80	Maximum Rate. 6	Wick	9.5	12.16	3.28
												9.4	12.17	3.29	
												Valencia	8.51	12.46	4.39

NOTES ON THE WEATHER OF YESTERDAY.

Small falls of rain or snow were reported at most stations. At Wick the snow-fall reached 4 inches. Sunshine was generally deficient but 4 to 6 hours were enjoyed in some localities in the north and west. Temperature was lower than of late, slight frosts occurring inland. In many localities including London the maximum failed to reach 40°F.

† Air Ministry Station.

* Information for these columns not usually received.



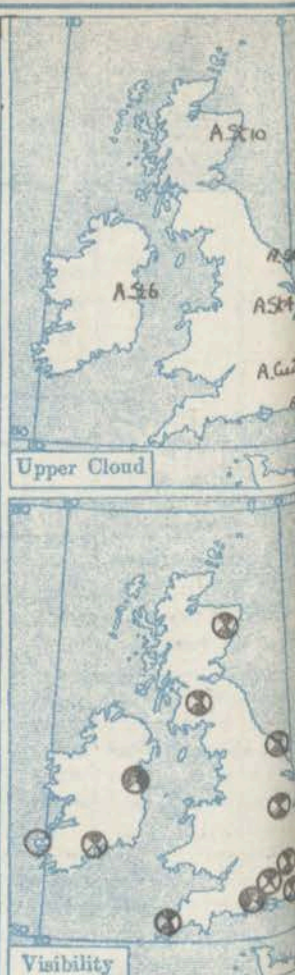
METEOROLOGICAL OFFICE, LONDON:
DAILY WEATHER REPORT, BRITISH SECTION.

No 21235 B SATURDAY, 3RD JANUARY, 1929.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																													
STATIONS.	BAROM. at M.S.L. m.b.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10. Feet.	Height of Low Cloud. Feet.	Low Cloud		Upper Cloud		Sea 0-9.	BAROM. at M.S.L. m.b.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10. Feet.	Height of Low Cloud. Feet.	Low Cloud		Upper Cloud		Sea 0-9.	
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.		
			13H. G.M.T. OF 2 ND														19H. G.M.T. OF 2 ND												
Houton B. (Orkney)	1008.3	-2	S	2	0	31	75	8	-	-	-	Ast	10	*	1008.5	-2	-	0	om	29	92	5	-	St cu	4	Ast	6	*	
Eskdalemuir ...	1008.3	-2	S	2	0	31	75	8	-	-	-	Ast	10	*	1008.5	-2	-	0	om	29	92	5	-	St cu	4	Ast	6	*	
Stranraer ...	1008.3	-2	S	2	0	31	75	8	-	-	-	Ast	10	*	1008.5	-2	-	0	om	29	92	5	-	St cu	4	Ast	6	*	
Lough Foyle ...	1008.3	-2	S	2	0	31	75	8	-	-	-	Ast	10	*	1008.5	-2	-	0	om	29	92	5	-	St cu	4	Ast	6	*	
Valencia (Cahire'n)	998.4	-1	SSE	7	0	44	87	6	1-1500	St	10	-	5	998.5	-7	S	5	0	46	92	7	2-3000	St	10	-	-	5		
Anglesey (Llangefni)	1012.4	-7	S	2	0	42	65	8	-	-	-	Ast	10	*	1005.0	-9	SE	6	0	44	75	4	-	Cu	10	-	-	*	
Falmouth ...	1012.4	-7	S	2	0	42	65	8	-	-	-	Ast	10	*	1013.0	-2	-	0	0	40	98	2	1-2000	St	10	-	-	*	
Calshot (Hants) ...	1013.8	0	SW	1	bc	41	92	4	2-3000	St	2	Ast	2	2	1012.0	-1	W	4	b	33	87	1	-	-	-	-	?		
Capel (Folkestone)	1011.5	-2	NW	3	bz	37	75	3	-	-	-	Ci	2	3	1012.0	-1	W	4	b	33	87	1	-	-	-	-	?		
Aberdeen ...	1005.0	0	SW	2	bz	35	55	6	-	-	-	Ci	1	2	1004.7	-1	WSW	1	bz	31	65	6	-	St cu	2	-	-	2	
East Fortune ...	1006.7	-1	W	2	c	33	75	4	2-3000	St	3	Ast	4	*	1005.3	-2	S	2	c	34	82	1	2-3000	St cu	3	Ci	3	*	
Flambarough Head ...	1008.2	0	W	3	bc	37	75	6	4-5000	St cu	2	Ast	3	*	1007.7	0	W	1	bc	32	87	3	1-2000	St	4	Ast	1	*	
Felixstowe ...	1010.6	-2	NNW	3	b	38	92	5	1-1500	St cu	2	-	2	1011.8	+1	NW	1	c	35	92	4	1-2000	St cu	8	-	-	2		
Cranwell (Lincs)	1010.6	0	W	3	bc	36	87	5	2-3000	St	1	Ci	5	*	1009.6	-1	SW	3	0	34	98	4	2-3000	Nb	3	Ast	6	*	
Bedford ...	1010.6	0	W	3	bc	36	87	5	2-3000	St	1	Ci	5	*	1010.4	-1	SE	1	bc	33	98	6	-	-	-	-	5	*	
Benson ...	1011.7	-2	W	2	bc	40	45	10	*	*	*	*	*	*	1011.1	-2	SW	2	bcz	35	87	2	-	St	2	Ci st	2	*	
London (Kew Ob.)	1012.3	-2	W	3	bcz	39	75	5	-	-	-	Ast	4	*	1011.1	-2	SW	2	bcz	35	87	2	-	St	2	Ci st	2	*	
1H. G.M.T. OF 3 RD													7H. G.M.T. OF 3 RD																
Houton B. (Orkney)	1001.5	-5	SE	2	om	33	82	5	-	-	-	Ast	10	*	998.2	-2	ESE	4	om	32	95	4	-	St	10	-	-	*	
Eskdalemuir ...	1001.5	-5	SE	2	om	33	82	5	-	-	-	Ast	10	*	998.2	-2	ESE	4	om	32	95	4	-	St	10	-	-	*	
Stranraer ...	1001.5	-5	SE	2	om	33	82	5	-	-	-	Ast	10	*	998.2	-2	ESE	4	om	32	95	4	-	St	10	-	-	*	
Lough Foyle ...	1001.5	-5	SE	2	om	33	82	5	-	-	-	Ast	10	*	998.2	-2	ESE	4	om	32	95	4	-	St	10	-	-	*	
Valencia (Cahire'n)	988.2	-3	S	2	bc	42	88	6	-	-	-	-	-	985.3	-3	E	3	bc	43	82	8	-	St cu	5	-	-	?		
Anglesey (Llangefni)	993.4	-10	SSE	8	rq	44	98	1	-	-	-	Nb	10	-	993.0	-1	SW	3	b	43	97	5	-	Cu Nb	1	-	-	*	
Falmouth ...	1004.8	-3	S	5	0	41	98	2	1-2000	St	10	-	-	4	999.5	-2	S	6	7	40	97	2	1-1500	Nb	10	-	-	6	
Calshot (Hants) ...	1004.8	-3	S	5	0	41	98	2	1-2000	St	10	-	-	4	999.5	-2	S	6	7	40	97	2	1-1500	Nb	10	-	-	6	
Capel (Folkestone)	1006.5	-5	SW	4	0	40	82	6	2-3000	St cu	10	-	-	-	1006.8	-4	SW	6	0	36	82	8	1-2000	St cu	8	Ast	1	6	
Aberdeen ...	1002.2	-1	S	1	0	29	92	4	-	-	-	-	-	1002.2	-1	S	1	0	29	92	4	-	-	-	-	-	2	*	
East Fortune ...	1002.2	-1	S	1	0	29	92	4	-	-	-	-	-	1002.2	-1	S	1	0	29	92	4	-	-	-	-	-	-	2	*
Flambarough Hd.	1002.2	-1	S	1	0	29	92	4	-	-	-	-	-	1002.2	-1	S	1	0	29	92	4	-	-	-	-	-	-	2	*
Felixstowe ...	1003.2	-5	WSW	2	c	36	82	5	3-4000	St	6	-	-	2	1005.4	-2	SW	4	c	40	82	4	3-4000	St cu	7	Ast	3	3	
Cranwell (Lincs)	1005.9	-4	ESE	2	0	29	98	3	1-2000	St	4	Ast	6	*	1002.1	-2	ESE	3	0	34	84	5	2-3000	St	6	Ast	4	*	
Bedford ...	1005.9	-4	ESE	2	0	29	98	3	1-2000	St	4	Ast	6	*	1002.1	-2	ESE	3	0	34	84	5	2-3000	St	6	Ast	4	*	
Benson ...	999.4	-2	SSE	5	0	38	95	-	-	-	-	-	-	999.4	-2	SSE	5	0	38	95	-	-	-	-	-	-	-	*	
London ...	1002.1	-3	SE	4	0	38	95	5	2-3000	St cu	7	2-4000	2	1002.1	-3	SE	4	0	38	95	5	2-3000	St cu	7	2-4000	2	*		
(M.O. at 1h.)	1005.1	-4	-	-	-	-	-	-	-	-	-	-	-	1002.1	-3	SE	4	0	38	95	5	2-3000	St cu	7	2-4000	2	*		
STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.																													
STATIONS.	BAROM. at M.S.L. m.b.	TEMP. °F.	WIND.		Weather.	BAROMETER. at M.S.L. m.b.	TEMPERATURE. Change in 3 hours. °F.	WIND.	Dir.	Force 0-12.	Dir.	Upper Cloud.	Weather.	Sea 0-9.	Rainfall. mm.	TEMP.			WEATHER.			Sunshine Hours.							
			Dir.	Force 0-12.												Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
			19H. G.M.T. OF 2 ND													7H. G.M.T. OF 3 RD													
Lerwick	998.9	35	WNW	5	bc	1002.2	+2	35	0	-	-	bc	1	4	36	34	omsq	os	bc	1	0.0								
Stornoway	1002.2	28	SE	5	bc	997.5	+3	37	+2	SE	1	-	bc	3	4	38	28	bc	bc	bc	0.0								
Castlebay (Barra Is)	1002.2	28	SE	5	bc	997.5	+3	37	+2	SE	1	-	bc	3	4	38	28	bc	bc	bc	0.0								
Glasgow	1005.6	31	ENE	1	c	998.1	-2	33	+2	ENE	3	-	bc	1	4	40	34	bc	bc	bc	0.0								
Malin Head	997.1	36	S	4	c	988.1	-1	39	-10	SE	5	-	bc	4	1	45	37	c	c	bc	0.7								
Blacksod Point	991.3	41	SSE	4	ca	987.0	0	41	0	-	0	-	bc	2	5	45	37	bc	bc	bc	0.0								
Roche's Point...	994.9	45	S	8	t	988.1	-1	45	+10	SW	3	-	0	5	13	45	35	0	ca	bc	0.0								
Birr Castle	994.5	41	SE	3	c	987.4	-1	38	+6	S	1	-	c	5	5	43	32	c	ca	bc	0.0								
Donaghadee	1004.0	40	S	3	om	994.1	-4	41	+6	S	6	-	rq	5	2	43	38	om	om	om	0.0								
Liverpool (Bidston)	1007.0	37	SSE	2	0	995.2	-3	37	-3	ESE	4	-	bc	4	-	41	35	c	om	bc	1.4								
Holyhead	1004.1	41	S	6	cqg	991.0	-3	42	+1	S	8	-	opg	9	trace	46	39	b. bc. g.	cv. g.	c. op. g.	0.0								
Pembroke (St. Ann's Head)	1003.5	44	SSE	6	om	991.8	0	44	+3	SE	4	-	c	6	7	45	41	cv	or. ca.	op. g.	1.4								
Scilly (St. Mary's)	1003.2	44	S	6	0	992.5	-1	44	+10	S	3	-	bc	6	4	47	37	cv	bc	bc	0.0								
Jersey (St. Aubin)	1011.9	41	S	3	c	999.1	-1	40	+2	SSE	6	-	0	5	2	45	35	cv. b.	bc. ca.	c. op. g.	0.0								
Portland Bill	1009.8	42	SSW	5	0	996.2	-3	44	+7	SSE	8	-	opg	7	3	49	36	c. bc.	bc. o.	op. g.	0.0								
Dungeness	1011.3	35	W	2	b	1003.2	-	40	+13	SSW	5	SW	c	4	-	42	25	-	bc. b.	bc. c.	0.0								
Wick	1002.0	33	WSW	2	c	1000.0	0	39	+10	S	4	-	bc	2	2	39	23	bc. om.	om. c.	c. bc. om.	0.0								
Nairn	1003.1	32	W	1	bc	999.6	-	30	-	-	0	-	cg	1	-	35	24	bc	bc	bc.	1.7								
Leith	1005.0	33	NW	1	0	998.8	-1	35	+3	E	1	-	bc	2	-	35	30	bc. c.	0	om. ox.	0.0								
Tyn																													

SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 3rd January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SE-S. 20-25	Mod.	Dull, some rain.	Good	Mod.
2. E. England	SE-SW. 15-20	"	Dull.	Ord.	Slight
3. E. Midlands	SE. 10	"	Dull.	"	"
4. W. Midlands	SE. 10	"	Dull.	"	"
5. S.W. England	S-SW. 15-25	"	Fair to dull rain and squalls locally.	"	Rough
6. South Wales	SE. 15-20	"	Fair	"	"
7. North Wales	E. 25-35	"	Dull, squally.	"	Mod.
8. N.W. England	SE-S. 15-20	"	Fair	Indiff.	"
9. N. Midlands	SE. 10	"	Dull.	Ord.	"
10. N.E. England	S-SW. 10-15	"	Fair to dull.	"	Slight
11. E. Scotland	SE-E. 2-5	R.cold	Fair, dull, mist locally.	Poor	Smooth
12. S.W. Scotland	SE. 10	"	Dull, mist locally.	"	R.rough
13. Isle of Man	SE-S. 15-20	Mod.	Dull.	"	"
14. N.&N.W.Scot-land	S. 5-10	"	Fair to cloudy.	Ord.	Smooth
15. Hebrides	SE. 0-2	"	Cloudy.	"	Slight
16. Orkneys and Shetlands	Calm	R.cold	Fair	"	Smooth
17. N.W. Ireland	SE. 0-5	Mod.	Fair to dull.	"	Slight
18. N.E. Ireland	SE. 20-30	"	Dull, local rain and mist, some squalls.	Poor	R.rough
19. S.E. Ireland	S. 15-20	"	Dull, squally.	Ord.	"
20. S.W. Ireland	SE-SW. 10	"	Fair to dull.	V.good	"



GENERAL INFERENCE from observations received up to 9 a.m.

Pressure continues to fall in the south-west and an anticyclone is becoming established over the Iceland region. S.Ely. winds are probable over the greater part of the British Isles and weather is likely to become colder.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of five millibars.
WIND.—Direction is shown by the arrow, force, on the scale, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.
TEMPERATURE.—Temperature is given in degrees.
WEATHER SYMBOLS.
 ○ clear sky. ○ sky & clouds
 ⊙ sky & clouds. ⊙ sky & clouds
 ⊕ overcast sky. ⊕ rain fall
 ✕ snow. ▲ hail. ≡ fog
 T thunder. R thunder
SEA DISTURBANCE.—Rough. High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday, 3rd January, 1920	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind mainly SE., strong at times. Cloudy to dull, some rain or sleet. Visibility poor to fair. Moderate temperature becoming colder.	Withheld
7. North Wales 8. N.W. England 9. N. Midlands	Wind SE. fresh. Mainly overcast, some rain or sleet. Visibility indifferent. Rather mild at first, then colder.	
10. N.E. England 11. E. Scotland 12. S.W. Scotland	Moderate to strong winds between E. and S. Dull, some rain or sleet. Visibility poor. Rather cold.	
13. Isle of Man	Same as for 7-9	
14. N.&N.W.Scot-land 15. Hebrides 16. Orkneys and Shetlands	Moderate Ely. winds. Variable sky, snow showers locally. Visibility fair. Rather cold.	
17. N.W. Ireland 18. N.E. Ireland	Winds between N. and E. moderate. Fair to cloudy, some showers of rain or sleet. Rather cold.	
19. S.E. Ireland 20. S.W. Ireland	Variable winds, light or moderate. Changeable, some rain. Visibility fair. Rather mild, becoming colder.	

SYNOPTIC CHART FOR MORNING OF SATURDAY, 3RD JANUARY, 1920.

Nautical Miles.
Statute Miles.

Scale - 1:10,000,000

TEMPERATURE,
WEATHER,
SEA.



0 sky & cloud
1 sky & cloud
2 rain
3 fog
4 thunder

High

Outlook.

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Scale of Surface Visibility.			
0	Very Bad	Objects not visible beyond	200 metres.
1	Bad	"	500 "
2	Very Poor	"	1,000 "
3	Poor	"	2,000 "
4	Indif.	Ordinary	4,000 "
5	Fair	"	7,000 "
6	Good, above ord.	"	12,000 "
7	Vy. gd., unusual	"	20,000 "
8	Excep. good	"	30,000 "
9	Objects visible beyond	30,000 metres,	(18.6 miles)

S., Direct

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920, No. 3... B

Saturday,
3rd JANUARY.

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Oban ...	o.c.	g.	38	30	-	-	-	0.0	Douglas (I.O.M.)								
Banff ...	bc.	bc.c	37	31	-	-	-	3.9	Blackpool ...	bcz.	c	44	32	1	-	-	2.1
Montrose ...									Southport ...	bc.ch.	a.c. bc.c.	41	33	1	0.2	-	0.8
St. Andrews ...	-	-	36	26	-	-	-	3.1									
England, N.E.									Midlands.								
Harrogate ...	b	bc.ebm	37	26	-	-	-	3.0	Buxton ...								
Skegness ...	bc.b	bm	37	26	-	-	-	2.8	Leamington Spa...								
									Malvern ...								
									Ross-on-Wye ...	bc.b.c.	c.o.c.	40	27	-	-	-	2.6
England, E.									Wales.								
Felixstowe ...	bc	bc	39	30	-	-	-	6.0	Rhyl ...	bc.	bcc.	43	35	-	-	-	1.7
Walton-on-Naze...									Colwyn Bay ...	-	-	42	35	-	-	-	0.7
Southend-on-Sea...	x bc.b	bm	38	26	-	-	-	0.5	Llandudno ...	c	c	43	37	-	-	-	0.3
Lowestoft	b	bc.c.b	37	28	3	-	-	5.0	Aberystwyth ...	o.c.	c.o.	43	38	-	-	-	0.8
England, S.E.									England, S.W.								
Margate ...	z.b.	bc	46	30	-	-	-	0.0	Weymouth ...	bc	bc.c.	46	30	-	-	-	3.5
Ramsgate ...	bc.	bc	39	28	-	-	-	0.0	Teignmouth ...								
Folkestone ...	o.b.	bc.e.bc	41	28	1	-	-	4.3	Torquay ...	bc.c.bm	b.bc.c.o.	44	29	0.2	-	-	2.2
Hastings ...	ov.b.	b.bc.	39	29	1	-	-	6.2	Paignton ...	b.bcm	c.bc.c.	48	28	-	-	-	2.6
Eastbourne ...	bc	bc	43	30	0.1	-	-	5.8	Penzance ...	c.o.	c.o.	44	33	-	-	-	0.1
Brighton ...	b	bc.c2	41	28	-	-	-	5.0	Newquay ...	bc.c.	o.op.	43	33	-	-	-	1.0
Worthing ...	b.	b.bc.	40	28	1	-	-	5.8	Bude ...	c.bc.c.	c	42	32	-	-	-	0.9
Littlehampton ...	bc.	bcm	46	?	-	-	-	5.6	Ilfracombe ...	c.bc.c.	c.o.	41	38	-	-	-	1.1
Bournemouth ...	b	b	43	28	2	-	-	5.1	Weston-s-Mare ...	b.bc.	bc	44	34	-	-	-	2.5
Tunbridge Wells ...	bm.b.	bc.bm	41	24	-	-	-	5.4									

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.
								Day. 7h-18h	Night. 18h-7h	
	7h-18h ²⁰	18h-18h ²⁰	18h ²⁰ -1h ³⁰	1h-7h ³⁰						
†Houton Bay (Orkney)... Eskdalemuir	b. bc. c. o	o. c. om	om	om	34	24	24	*	*	2.3
†Stranraer								*	*	*
†Lough Foyle								*	*	*
Valencia (Cahirciveen) ...	or	or. o.	op. c. -6cp		47	40	35	14	2	0.0
†Anglesey (Llangefni) ...										
Falmouth	b. bc. c. a.	og. oem	og. r. q.	rg. r. c. b	45	30	32	-	11	0.7
†Calshot (Hants)	b	o	c. o	p. c. o	42	24		*	*	*
†Capel (Folkestone)...	bc. c. z.	b. bc.	bc. c	c. oq	41	28	*	*	*	*
Aberdeen	b. bz	bz. bz.	bj. om		34	23	16	-	-	3.0
†East Fortune	bc. c. z.	z. z. W			38	30	*	*	*	*
†Flamborough Head...	b. bc.	bc. c. x.	cq		38	30	*	*	*	*
†Felixstowe	b. bc. g.	b. bc. z.	b. bc.	bc. cq	?	29	*	*	*	*
†Cranwell (Lincs) ...	b. bc. c.	c. o. c.	c. o. c. o	om. o	36	28	*	*	*	*
†Bedford								*	*	*
Benson	x. b. bc.	bc. b	c. o		42	25	24	-	-	*
London (Kew Obsy.) ...	bm. bc. z.	bc. z. bm. x	om. c. o		40	28	24	trace	-	4.7

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. i lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, i.e., rain and snow together.
s snow.
t thunder.
u agly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air: humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=light, 2=heavy. Underlining is used to express continuity.

SYMBOLS—

Aurora ☄ Solar halo ☉
Rime ☃ Lunar halo ☾
Glazed frost ☑ Solar corona ☼
Glazed roads ☐ Lunar corona ☾

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	Humidity %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.								
	Morning	Afternoon	Night						15 h. G. M. T.	9 h. G. M. T.		Stations.	Sunrise.	Noon.	Sunset.					
	24 HOURS ENDED 9H G.M.T. ... 3 RD ...								YESTERDAY.	TO-DAY.										
Greenwich (Royal Observatory)	6	6	c.om.x	39	29	22	-	4.9	79	74	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	3 RD AND 4 TH JANUARY, 1920.								
City (Bunhill Row) ...	*	*	*	*	*	*	*	0.0	*	*		{	Yarmouth...	8.6	11.58	3.49				
Westminster (St. James's Park)	*	*	*	41	29	24	*	2.3	79	73										
" (Admiralty Arch)	bc.m	bc.m	om.o	42	31	24	trace	1.5	80	78										
Camden Sq. (British Rainfall)	om	bc.c	*	39	29	25	-	-	92	78										
Kensington Palace ...	bc	om	*	41	27	27	-	*	-	78	Total.....179..... Joules.	{	Greenwich	8.8	12.5	4.1				
Hampstead	om	om	bc.m	39	27	24	-	5.1	-	76	Average Rate. 6.3									
											Maximum Rate. 11						Wick ...	9.4	12.17	3.29
														8.56	12.46	4.01				

NOTES ON THE WEATHER OF YESTERDAY.

Weather was fine over East and South-East England, and six hours of sunshine were recorded at Hastings and Clacton. Rain fell at most of the Western stations, 16 mm. being measured at Valencia and 13 mm. at Rothes Point. Except in the south-west temperature was rather low, the maximum at Eskdalemuir and Glasgow being no higher than 34°. Night frosts occurred in most parts of England and Scotland.

† Air Ministry Station.

* Information for these columns not usually received.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No 277.B

SUNDAY, 4TH JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																												
STATIONS.	BAROM.	Change	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea	BAROM.	Change	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea
	at M.S.L. mb.	in 3 hours.	Dir.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.		0-9.	at M.S.L. mb.	in 3 hours.	Dir.		Force 0-12.	°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.		Amt. 0-10.	0-9.
13H. G.M.T. 3 RD														18H. G.M.T. OF 3 RD														
Eskdalemuir ...	999.1	0	ESE	3	05	34	82	6	1½-2000	St	10	-	-	*	1002.8	+4	E	4	05m	34	87	3	-	St	10	-	-	*
Valencia (Cahire'n)	986.4	+1	NNE	1	07	43	92	8	1-1500	Stcu	5	A.st	4	5	991.1	+6	NNE	5	07h	43	92	7	1-1500	Stcu	8	A.st	2	5
Baldonnell ...	991.9	0	E	3	-	45	75	5	½-2000	St	9	-	-	*	994.7	+7	E	4	07	43	92	2	½-1000	St	10	-	-	*
Anglesey (Llangefni)																												
Falmouth ...	991.9	-2	S	2	0	45	92	7	-	Stcu	9	-	-	*	991.9	+2	SE	3	07	46	87	8	-	Stcu	7	-	-	*
Calshot (Hants) ...	999.3	-2	S	4	0	41	92	2	1½-2000	St	10	-	-	5	999.0	0	SE	5	07	42	92	4	1½-2000	Stcu	10	-	-	5
Lympne (Folkestone)	1003.6	-2	SSE	5	0	36	82	5	1-1500	Stcu	10	-	-	4	1003.7	-1	SSE	7	0	35	75	6	1-1500	Stcu	2	A.st	8	7
Aberdeen ...	1003.2	0	SSE	3	bc	41	75	7	-	-	-	A.st	5	2	1005.2	+6	SE	4	07m	41	82	6	-	St	5	A.st	5	2
East Fortune ...	1000.3	0	SE	4	07m	37	75	4	2-3000	Nb	5	A.st	5	*	1002.9	+4	SE	4	07m	38	82	7	3-4000	Stcu	9	-	-	*
Flamborough Head	1002.6	0	SSE	5	0	39	75	7	2-3000	Stcu	8	A.st	2	*	1003.1	+2	SSE	5	0	39	55	7	2-3000	Stcu	10	-	-	*
Felixstowe	1004.1	-2	SW	4	07	38	92	5	1-1500	Stcu	9	-	-	4	1004.2	+2	SW	4	07	39	87	5	1-1500	St	9	-	-	4
Cranwell (Lines)	1001.2	-1	SE	5	c	37	92	6	½-2000	St	4	A.st	3	*	1003.1	+2	ESE	4	0	35	87	6	½-2000	Stcu	5	A.st	3	*
Benson ...	998.8	-1	SE	5	0	38	92	5	*	*	*	*	*	*	1000.2	+1	SE	4	0	38	82	7	-	-	-	-	-	*
London (Kew Ob.)	1001.1	-2	S	3	07	40	87	4	2-3000	Stcu	10	-	-	*	1001.7	+2	SE	3	07m	37	82	2	-	-	-	A.st	4	*
1H. G.M.T. OF 4 TH														7H. G.M.T. OF 4 TH														
Eskdalemuir ...	1009.9	+6	E	2	0	35	82	6	-	Stcu	9	-	-	*	1017.6	+8	NNE	2	07m	32	98	6	-	St	10	-	-	*
Valencia (Cahire'n)	1001.0	+9	N	4	bc	39	*	*	*	*	*	*	*	*	1011.8	+11	NE	3	c	43	87	8	2-3000	Stcu	8	-	-	*
Baldonnell ...	1004.0	+9	E	2	bc	42	92	1	1-1500	St	10	-	-	*														
Anglesey (Llangefni)																												
Falmouth ...	995.7	+4	E	3	0	43	92	4	-	St	10	-	-	*	994.8	+10	NE	7	c	43	92	5	-	Stcu	7	-	-	*
Calshot (Hants) ...	1003.3	+3	E	4	07	41	92	4	1½-2000	St	10	-	-	5	1003.3	+3	NE	2	0	36	92	3	1½-2000	St	10	-	-	5
Lympne (Folkestone)																												
Aberdeen ...															1013.2	+8	SE	1	07m	37	92	5	-	Stcu	10	-	-	2
East Fortune ...																												
Flamborough Hd.																												
Felixstowe	1006.4	+3	SSE	3	b	39	87	5	1-1500	Stcu	3	-	-	2														
Cranwell (Lines)	1008.1	+4	E	3	0	34	92	4	2-3000	St	3	07m	7	*	1014.0	+3	NE	3	0	34	98	4	2-3000	St	6	A.st	3	*
Benson ...															1009.7	+6	NE	4	c	33	92	6	-	-	-	A.st	6	*
London ...	1004.2	+4	*	*	*	*	*	*	*	*	*	*	*	*	1009.5	+4	NE	3	b3	35	75	2	-	Stcu	1	-	-	*
(M.O. at 1h)																												
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																												
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.							
	at M.S.L. mb.	°F.	Dir.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.								
18H. G.M.T. OF 3 RD										7H. G.M.T. OF 4 TH										24 HOURS ENDED 7H. 4 TH								
Lerwick ...	1008.7	32	-	0	bc	1019.4	+3	36	+1	WNW	2	-	bc	1	-	37	30	bc	bc	bc	*							
Stornoway ...	1003.7	37	-	0	0	1013.3	+8	39	+2	E	1	-	c	3	-	39	35	o.c.	c.o	c	0.0							
Castlebay (Barra)	1001.6	34	ESE	5	0	1017.5	+7	41	+1	-	0	-	0	2	6	41	37	0	0	07m	0.1							
Glasgow ...	1002.5	34	E	2	05	1017.2	+8	35	+2	ENE	2	-	0	*	3	35	31	om.oms.	osh	oms.0	0.0							
Malin Head ...	995.6	41	SE	3	c	1013.9	+2	40	+1	ESE	2	-	or	3	2	45	37	eqh	c	om	0.2							
Blacksod Point	995.6	40	-	0	bc	1012.3	+9	43	+2	ENE	2	-	bc	3	-	45	34	bc	bc	bc	*							
Roche's Point ...	990.3	46	SE	3	c	1011.0	+10	41	-4	NE	2	-	0	4	8	45	41	or.c.o.	or.c.	bc.o	*							
Birr Castle ...	992.4	41	E	1	c	1011.3	*	41	+3	E	1	-	c	*	1	42	35	c	cp	c	0.8							
Donaghadee ...	998.1	41	S	5	omgd	1015.1	+8	41	0	E	4	-	omg	4	2	43	39	omg	omdg	omgp	*							
Liverpool (Bidston)	999.0	37	ESE	4	m	1012.1	+6	30	-1	E	3	-	om	3	-	39	34	om	om	c.om	0.0							
Holyhead ...	996.4	41	E	4	bc	1012.3	+8	38	-4	E	5	-	b	4	-	47	36	c.bc.b.	b.bc.	bc.c.bc	2.6							
Pembroke (St. Ann's Head)	993.6	45	ESE	4	07	1008.3	+7	36	-8	ENE	4	-	b	4	4	46	36	c.o	or.	or.c.bc	0.3							
Scilly (St. Mary's)	991.1	46	S	2	c	1002.9	+12	44	-3	E	5	-	o	5	11	50	44	bc	cl	opg	3.0							
Jersey (St. Aubin)	996.4	42	SE	6	0	1002.7	+2	40	0	E	5	-	od	4	1	42	39	o	o.c.o	oa	0.8							
Portland Bill ...	996.2	43	SSE	7	07	1004.1	+2	38	-6	ENE	7	-	og	6	1	45	37	og	og	ogpg	*							
Dungeness ...	1001.7	39	S	4	c	1007.2	*	36	-4	ESE	4	-	bc	4	-	41	32	c	c	c.c.c.	*							
Wick ...	1004.6	42	SE	3	cm	1020.0	+7	42	+3	E	2	-	c	2	-	43	33	cm	cm	cm.c	*							
Nairn ...	1004.4	38	ESE	2	0	1019.3	*	36	+6	-	0	-	om	1	0.2	38	30	cg2.	cz.o.	odc	0.0							
Leith ...	1002.2	38	ENE	2	0	1016.8	+3	37	+2	SE	1	E	c	2	-	35	34	b.k.c.o	om.o	oe.o.c	*							
Tynemouth ...	1003.7	39	S	4	c	1016.2	*	41	+4	SE	3	-	om	2	-	41	35	omg	om	om	*							
Spurn Head ...	1003.4	35	SSE	6	0	1012.2	+8	39	+1	E	3	-	bc	3	-	40	33	o	o	c.bc	*							
Yarmouth (Gorleston)	1005.9	39	S	6	0	1011.7	+4	38	+1	E	5	-	bcg	5	-	38	36	bc	om	om.c	0.0							
Clacton-on-Sea	1004.1	39	SE	5	0	1009.7	+4	38	-2	ENE	4	-	bc	3	-	40	37	omg	omg	og.bc	0.0							
Nottingham ...	1002.1	37	ESE	3	0	1012.8	*	36	-1	NE	3	NE	c	*	0.2	38	34	od	o	o	0.0							

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 1h.

SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 4th January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NE E 5 15	R. cold	Variable sky inland, haze	Good	Mod.
2. E. England	NE E 10 20	Mod.	Fair to dull; local squalls	Ord.	Mod.
3. E. Midlands	NE 10 15	R. Cold	Cloudy	Fair	
4. W. Midlands	NE E 10 15	"	Cloudy or dull	"	
5. S.W. England	NE E 20 35	"	Cloudy or dull	"	R. rough
6. South Wales	NE 10 20	Cold	Fine	Good	Mod.
7. North Wales	E 15 20	R. cold	Fine	"	"
8. N.W. England	NE E 5 10	"	Dull, misty	Ord.	Slight
9. N. Midlands	NE E 5 10	"	Cloudy or dull	"	
10. N.E. England	SE E 10	Mod.	Fair to dull; local mist	"	Slight
11. E. Scotland	SE 0 2	Mod.	Cloudy or dull; slight	Fair	Smooth
12. S.W. Scotland	NE E 2 5	R. cold	Dull, local mist	"	Slight
13. Isle of Man	E 5 15	"	Cloudy or dull; local mist	Ord.	Mod.
14. N. & N.W. Scotland	Ely 0 5	Mod.	Cloudy or dull	Fair	Smooth
15. Hebrides	E 0 5	"	Cloudy	"	Slight
16. Orkneys and Shetlands	WNW 0-5	R. cold	Fair to cloudy	"	Smooth
17. N.W. Ireland	NE E 5	Mod.	Fair local mist	Ord.	Slight
18. N.E. Ireland	E 5 15	"	Dull, local mist and rain	"	"
19. S.E. Ireland	NE E 2 10	"	Cloudy	Good	Mod.
20. S.W. Ireland	NE 5 10	"	Cloudy or dull	V. Good	"

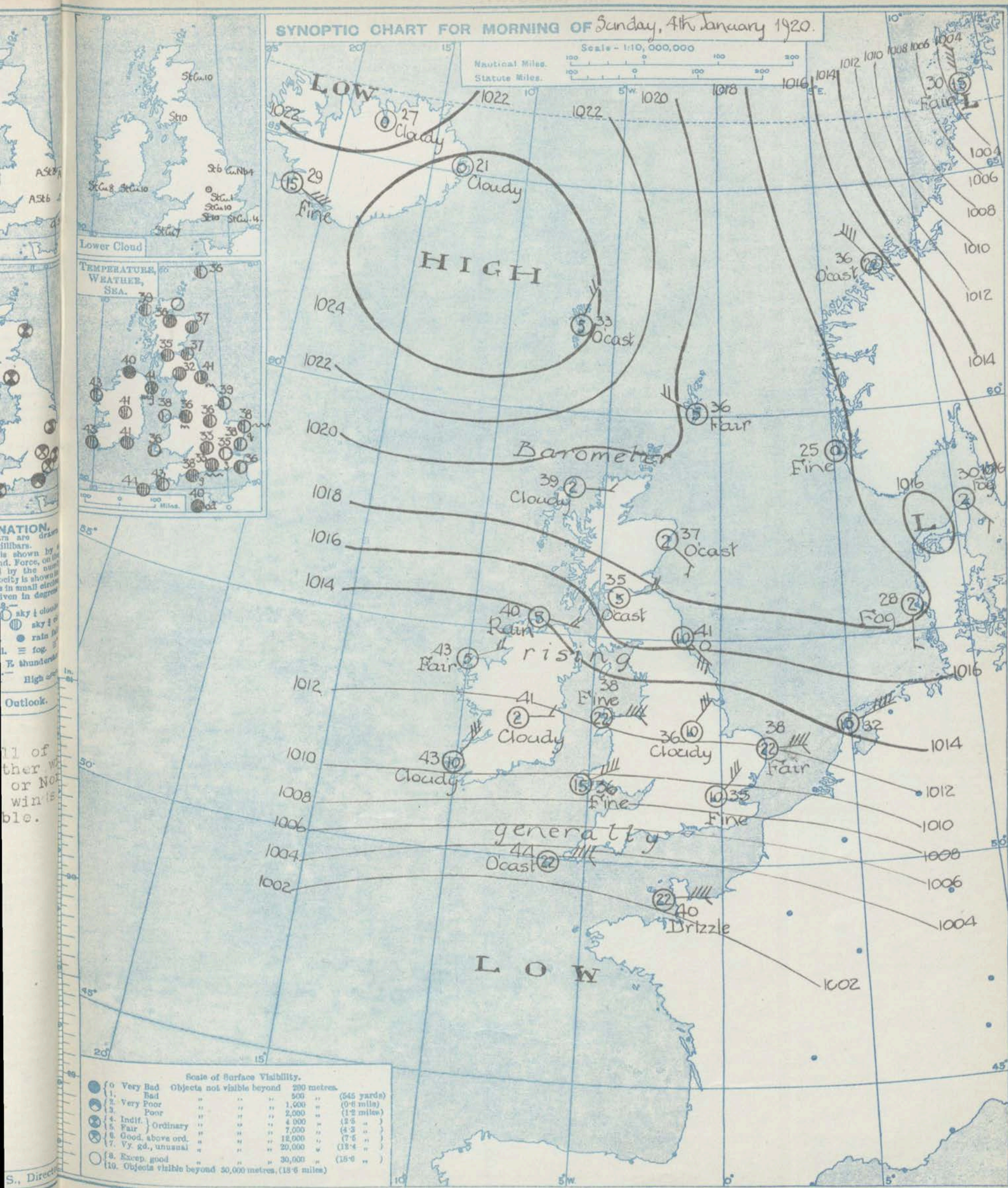


GENERAL INFERENCE from observations received up to 9 a.m.

An anticyclone centred between Iceland and the Faroe is spreading Southward and the barometer is rising over the British Isles generally. The Easterly wind current will be associated with colder, but mainly fair, weather.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday, 4th January, 1920.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light or moderate Easterly winds; weather mainly fair but perhaps slight snow in places; Visibility indifferent to fair; cold.	A spell of cold weather with Easterly or N.E. Easterly winds is probable.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Light Easterly winds, fair to cloudy; visibility indifferent; cold.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Light variable winds; fair generally, some mist; cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate N.E. to E. winds; fair generally, some mist, rather cold.	

SYNOPTIC CHART FOR MORNING OF Sunday, 4th January 1920.



	Very Bad	Objects not visible beyond	200 metres.	
1.	Very Bad	"	500 "	(545 yards)
2.	Very Poor	"	1,000 "	(0.6 miles)
3.	Poor	"	2,500 "	(1.2 miles)
4.	Indif. } Ordinary	"	4,000 "	(2.5 ")
5.	Fair	"	7,500 "	(4.3 ")
6.	Good, above ord.	"	12,000 "	(7.5 ")
7.	Vy. gd., unusual	"	20,000 "	(12.5 ")
8.	Except. good	"	30,000 "	(18.6 ")
9.	Objects visible beyond	50,000 metres, (18.6 miles)		

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-3h.	Day. 9h-12h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-3h.	Day. 9h-12h.	Sunrise to Sunset.
Scotland.					2 nd -3 rd	3 rd	3 rd	England, N.W.					2 nd -3 rd	3 rd	3 rd
Oban	o	o	39	33	mm.	mm.	0.0	Douglas (I.O.M.)					mm.	mm.	
Banff	c. bc.	c. o	39	26	-	-	0.4	Blackpool							
Montrose								Southport	o	o. o	38	35	-	1	0.0
St. Andrews								England, N.E.							
Harrogate	o	o	35	29	-	-	0.0	Buxton							
Scarborough								Leamington Spa			38	32	-	-	0.0
Skegness								Malvern							
England, E.								Ross-on-Wye	gts. o. c.	od. o. g.	39	35	3	1	0.0
Lowestoft								Rhyl							
Felixstowe	c. g.	o. g.	40	34	-	-	0.2	Colwyn Bay							
Southend-on-Sea								Llandudno	c.	bc	42	37	-	-	2.1
England, S.E.								Aberystwyth	o. c. b.	c. o	43	39	-	-	3.5
Tunbridge Wells	c. o	c. bc. c.	43	39	-	-	0.0	Weymouth							
Margate	bc	c	39	32	-	-	0.0	Teignmouth							
Ramsgate	o	o	40	32	-	-	0.0	Torquay	o. c. bc. c.	op	48	36	8	0.3	1.4
Folkestone	o	o. c. o	40	33	-	-	0.1	Paignton	bc. f.	bc. c. g.	48	37	4	0.3	0.7
Hastings	o	o	41	36	-	-	0.0	Penzance							
Eastbourne	o	o	42	34	-	-	0.0	Newquay							
Brighton	o	o. c.	41	32	1	0.3	0.0	Bude							
Worthing								Ilfracombe							
Littlehampton								Weston-s-Mare							
Bournemouth			43	40	3	-	0.0								
Ventnor (I. of W.)			41	36	1	0.3	0.0								

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.
	7h-12h.	12h-18h.	18h-3h.	3h-7h.				Day. 7h-18h.	Night. 18h-7h.	
Eskdalemuir	o. c. m. o.	o. s. m.	o. s. m. o.	o	35	31	24	1	0.3	0.0
Valencia (Cahirciveen)	bc. o. f.	o. h.	o. bc. c.		45	40	37	2	-	0.0
Baldonnel	bc. c. h. d.	?	pd. o. p.							
Anglesey (Llangefni)										
Falmouth	bc. o. g. t.	bc. v. c. v.	cp. o	o. c.	49	41	41	5	3	1.4
Calshot (Hants)	h.	g.	q.	o. g.	42	34				
Lympne (Folkestone)	c. o. v.	c.								
Aberdeen	o. c. bc.	bc. c. o. m.	o. m. p. o. m.		41	27	32	-	1	0.0
East Fortune	c. o. z.	z. o.								
Flamborough Head	q. c. o.	q. c. o.								
Felixstowe	q. g.	q. g.	bc. c. g.							
Cranwell (Lincs)	c. o.	o. z.	c. o.	o	37	32				
Benson	o	o	c		38	32	-	0.3	-	
London (Kew Obs.)	o. m. adm.	o. m. c. m. b.	o. m. bc. g.		40	35	31	trace	-	0.0

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. i lightning.
m mist. o overcast sky.
p passing showers.
q squalls. r rain.
rs sleet, i. e., rain and snow together.
s snow. t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew. x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 1=heavy. Underlining is used to express continuity.

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

SYMBOLS—

Aurora ☄ Solar halo ☉
Rime ☄ Lunar halo ☉
Glazed frost ☄ Solar corona ☉
Glazed roads ☄ Lunar corona ☉

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED 31 G.M.T. 4 TH							YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		4 TH AND 5 TH JANUARY. 1920			
Greenwich (Royal Observatory)	o	o. o	c. bc	39	32	24	-	0.0	83	80	Total Joules. Milliwatts.	Stations.	Sunrise.	Noon.	Sunset.
City (Bunhill Row)	o	o	o	o	o	o	o	o	o	o		Yarmouth ... {	8.5	11.58	3.50
Westminster (St. James's Park)	o	o	o	o	o	o	o	o	o	o	Average Rate.	Greenwich {	8.5	11.58	3.51
„ (Admiralty Arch)	o. m.	o	bc. b. m.	41	35	o	-	0.0	84	82						Wick ... {	9.3	12.17	3.30
Camden Sq. (British Rainfall)	o	o	o	39	31	27	-	o	83	86	Maximum Rate.	Valencia ... {	9.2	12.17	3.32
Kensington Palace	c. o	o. d. n. o	o	40	33	28	0.3	o	81 (10)	79						Wick ... {	9.3	12.17	3.30
Hampton Observatory	o. m. g. d.	o. m. g. p.	o. m. o. bc.	38	32	27	-	0.0	o	o		Valencia ... {	8.50	12.46	4.41

NOTES ON THE WEATHER OF YESTERDAY.

There was little precipitation except in the South West where Scilly had 11 mm. Snow fell at intervals during the day in parts of Scotland.

Some western stations recorded 2-3 hours of bright sunshine, but in most localities the day was sunless. Temperatures differed little from the normal for the season.



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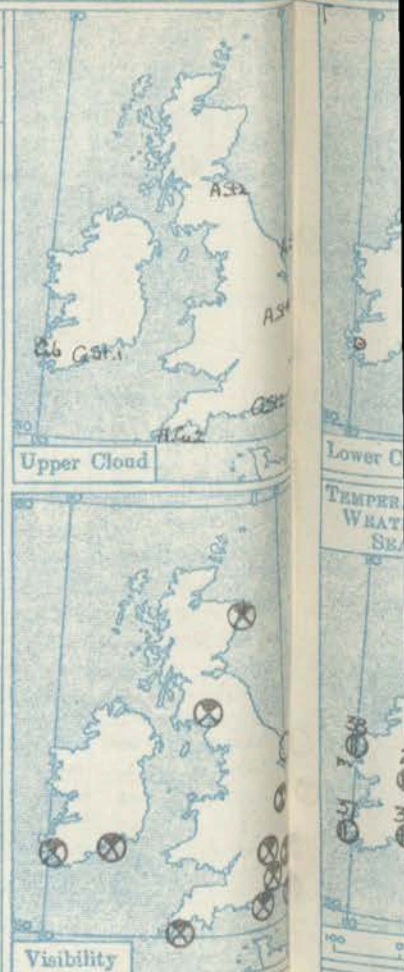
Figure 1



10

SUMMARY OF CONDITIONS AT 7 A.M. Monday, 5th January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NE-ENE. 15	R. cold	Variable cloud, local squalls, gale in Straits.	Good	R. rough
2. E. England	NE-E. 10-20	Mod.	Variable sky, some local rain.	Good locally	Mod.
3. E. Midlands	NE. 10	"	Cloudy or dull, local drizzle.	Fair	"
4. W. Midlands	NE. 10	R. cold	Fair to dull.	"	"
5. S.W. England	NE-E. 15-25	"	Fair or cloudy.	Good	R. rough
6. South Wales	NE. 10	"	Cloudy	Fair	Mod.
7. North Wales	ENE. 10-20	Mod.	Fine or fair.	"	"
8. N.W. England	NE. 5-10	R. cold	Fine or fair.	"	Smooth
9. N. Midlands	NE. 10	Mod.	Cloudy.	"	"
10. N.E. England	NE-ENE. 15	"	Cloudy or dull, local mist and squalls.	Good	Mod.
11. E. Scotland	Var. 0-10	R. cold	Fair to dull.	"	Slight
12. S.W. Scotland	Var. 0-15	"	Variable sky.	"	Smooth
13. Isle of Man	NE. 10	Mod.	Fine	Fair	"
14. N. & N.W. Scotland	S.W. 0-2	R. cold	Fair or cloudy.	"	"
15. Hebrides	SSW. 0-2	"	Fair	"	"
16. Orkneys and Shetlands	SSW. 2	"	Fair or cloudy.	"	"
17. N.W. Ireland	SE-E. 0-5	"	Fair, local mist.	Indiff.	"
18. N.E. Ireland	NE-SE. 5	"	Fine or fair, local mist.	"	"
19. S.E. Ireland	N-NE. 2-10	Cold	Fine or fair.	Fair	Mod.
20. S.W. Ireland	NE. 5	R. cold	Fine or fair.	Good	Slight



EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of 0.2 millibars.
 WIND.—Direction is shown by a line flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.
 TEMPERATURE is given in degrees Fahrenheit.
 WEATHER SYMBOLS.—
 ☉ clear sky. ☁ sky & clouds. ☂ sky & rain.
 ☄ overcast sky. ☂ rain.
 * snow. ▲ hail. = fog.
 T thunder. R thunder.
 SEA DISTURBANCE.—
 Rough High

GENERAL INFERENCE from observations received up to 9 a.m.

An anticyclone now lying over Scotland will move slowly southward. A SWly. wind current will cause milder weather in the extreme north but the wind is likely to continue NEly. in the south.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 5th January, 1920	Further Outlook.
1. S.E. England	Wind NE. moderate to fresh, strong at times on coasts.	Fair and rather cold weather
2. E. England	Weather mainly fair. Visibility fair. Rather cold.	
3. E. Midlands	Moderate NE. wind. Weather mainly fair. Visibility fair	with night
4. W. Midlands	to good. Rather cold.	frost is
5. S.W. England		probable for
6. South Wales		day or two
7. North Wales		over England
8. N.W. England	Light variable winds. Fine, some mist or fog inland at	generally.
9. N. Midlands	night. Rather cold with night frost.	
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland	Wind SW-W. light to moderate. Cloudy, perhaps some rain.	
15. Hebrides	Visibility indifferent. Milder.	
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland	Same as for 7 13	
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR MORNING OF MONDAY, 5TH JANUARY, 1920.

Nautical Miles.
Statute Miles.

Scale - 1:10,000,000

LOW

32
Fine

34
Cloudy

36
Cloudy

1008

1010

1012

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1016

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

STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 18h-9h. 3 rd	Day. 9h-18h. 4 th	Sunrise to Sun- set. 5 th			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 18h-9h. 3 rd	Day. 9h-18h. 4 th	Sunrise to Sun- set. 4 th
Scotland.	Oban					mm.	mm.		England, N.W.	Douglas (I.O.M.)					mm.	mm.	
	Bauff									Blackpool							
	Montrose									Southport	o. c.	c. o	41	34	-	-	0.3
	St. Andrews	*	*														
England, N.E.	Harrogate								Midlands.	Buxton							
	Scarborough	*	*							Leamington Spa... ..	*	*	38	35	-	-	3.1
	Skegness									Malvern							
										Ross-on-Wye	bc, bz, cz	oz, g, c, o	38	34	-	-	3.7
England, E.	Lowestoft	c	c	39	37	-	-	1.2	Wales.	Rhyl	c	c	41	34	-	-	0.0
	Felixstowe	bc, q	cg, q	39	?	-	-	1.2		Colwyn Bay	*	*	41	34	-	-	0.0
	Southend-on-Sea... ..									Llandudno	o	o	42	35	-	-	0.0
										Aberystwyth							
England, S.E.	Tunbridge Wells	bc	bc, c, o	44	39	-	-	1.2	England, S.W.	Weymouth							
	Margate					?	?	0.0		Teignmouth							
	Ramsgate	o	o					0.0		Torquay	b, bc	bc, c, bc	40	36	0.1	-	3.9
	Folkestone	bc, c.	c	40	34	-	-	0.0		Paignton	bc	bc	40	37	0.8	0.8	3.0
	Hastings	b, bc.	bc	39	33	-	-	0.0		Penzance	c, bc, b.	b, bc, b.	45	40	6	-	4.5
	Eastbourne... ..	o, c, bc	bc, c.	44	34	-	-	1.9		Newquay	-	-	40	36	4	-	5.8
	Brighton	c	c	40	34	-	-	1.5		Bude							
	Worthing	b	b	40	34	0.3	-	2.0		Ilfracombe							
	Littlehampton									Weston-s-Mare							
	Bournemouth	*	*	39	?	0.3	-	3.5									
	Ventnor (I. of W.)	+	+	41	34	-	-	3.3									

SUMMARY FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.
	7h-18h 4 th	18h-18h 5 th	18h 5 th -1h 5 th	1h-7h 5 th				Day. 7h-18h	Night. 18h-7h	
								mm.	mm.	
Eskdalemuir		c. o. cm	om. q. bc. p. bc. o. c.		37	32	30	-	1	0.0
Valencia (Cahiriveen)	c. bc.	c. bc. b.	b. bc.		44	36	30	-	-	3.5
Baldonnel	c. oz.	bc. c. 2.	b. bc. 2					*	*	*
Anglesey (Llangefni)								*	*	*
Falmouth	cg. cy. 3	by. bz. 2	bc. c. c. o	ox. c.	43	34	29	-	-	4.7
Calshot (Hants)	o	bc. c.		b. bc.	40	35		*	*	*
Lympne (Folkestone)	cg	bc. c. o						*	*	*
Aberdeen	om. om. o	c. bc. b.	bc. c. o.		39	33	29	-	-	0.0
East Fortune	2. 2	z. h.	bc. c. W		40	33		*	*	*
Flamborough Head	cg	fur. q.	T. V	cg.	41	36		*	*	*
Felixstowe	q. bc. c	q. bc. c.	q. bc. c	q. bc. c.	39	36		*	*	*
Cranwell (Lincs)	a. bc. c	v. bc. c.	v. c. o.	c. o.	39	30		*	*	*
Benson	bc	c.						*	*	*
London (Kew Obs.)	b. 3	bz. bm	om. bc. o.		38	32	28	-	-	*
					38	35	32	-	-	0.0

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. i lightning.
m mist. o overcast sky.
p passing showers.
q squalls. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew. x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 1=heavy. Underlining is used to express continuity.

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.6
12	Above 75	33.6 or above

SYMBOLS—

Aurora ☄ Solar halo ☉
Rime ☃ Lunar halo ☾
Glazed frost ☁ Solar corona ☼
Glazed roads ☞ Lunar corona ☾

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.													
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		Stations.	Sunrise.	Noon.	Sunset.										
	24 HOURS ENDED 9h G.M.T. 5 th							YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	5 th & 6 th January 1920														
Greenwich (Royal Observatory)	c	c	c	38	33	26	-	0.9	77	86	Total 219 Joules. Average Rate. 107 Maximum Rate. 1.5	Yarmouth...	{	8.5	11.58	3.51									
City (Bunhill Row)	*	*	*	*	*	*	*	0.2	*	*							G.M.T.	G.M.T.	G.M.T.						
Westminster (St. James's Park)	*	*	*	39	35	30	-	0.6	70	83															
" (Admiralty Arch)	bom.	bom.	bom. o.	40	36	*	-	0.5	81	91															
Camden Sq. (British Rainfall)	-	-	*	39	33	31	0.1	*	86	93	Greenwich {	{	8.7	12.5	4.3										
Kensington Palace	bc.	c. b.	*	38	33	28	-	*	83 (18h)	87						Wick ... {	{	9.2	12.17	3.32					
Hampstead Observatory.	ox.	c. ox.	oh. x.	37	32	27	-	1.1	*	85											Valencia ... {	{	8.50	12.46	4.42

NOTES ON THE WEATHER OF YESTERDAY.

The day was generally finer than of late, only slight falls of rain being reported in a few localities. Except in the south west and locally in the Midlands there was, however, little sunshine. 5.8 hours were enjoyed at Newquay. Temperature differed little from the normal for the season, 26° at Birr Castle being the lowest minimum.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 7529. B

TUESDAY, 6th JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1st, 7th, 1st AND 1st.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea						
			Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Direc.	Force 0-12.					Form.	Amt. 0-10.									
13H. G.M.T. 5 th														18H. G.M.T. OF 5 th																			
Eskdalemuir ...	1035.9	-1	ENE	1	0	35	87	7	2-3000	St. Cu	10	-	-	1035.7	0	NNE	1	C	31	75	6	-	St. Cu	2	C. St.	6	-						
Valencia (Cahire'n)	1036.7	-1	E	1	bc	43	75	10	3-4000	Cu	2	C. Cu	4	2	1036.0	-1	N	1	b	36	87	10	-	-	C. St.	2	2						
Baldonnell ...	1037.7	0	ENE	3	C3	41	76	3	2-3000	St. Cu	7	-	-	1036.7	+2	SE	2	bc	38	75	2	2-3000	St. Cu	3	A. Cu	2	-						
Anglesey (Llangefni)																																	
Falmouth ...	1032.0	0	NE	3	03	40	65	6	-	St. Cu	5	-	-	1032.8	+2	NNE	5	b3	36	75	6	-	St. Cu	2	-	-	-						
Calshot (Hants) ...	1031.4	0	NE	5	0	35	92	4	1-1500	St	10	-	-	1033.5	+2	NE	2	C	33	52	3	1-2000	St	7	-	-	2						
Lympne (Folkestone)	1025.6	0	NE	7	C9	35	87	8	1-2000	St. Cu	8	-	-	1031.5	+4	NE	7	0	34	87	8	1-1500	St. Cu	10	-	-	5						
Aberdeen ...	1037.3	-3	SW	1	b3a	37	49	7	-	-	-	-	-	1036.2	-3	SSW	3	bc3	37	75	5	-	St. Cu	1	C. St.	5	2						
East Fortune ...	1038.5	-2	-	0	0	38	82	5	2-3000	St. Cu	7	A. St.	2	-	1038.2	-1	-	0	33	87	5	2-3000	St. Cu	8	A. Cu	1	-						
Flamborough Hd.	1033.3	0	ENE	3	0	39	75	8	2-3000	St. Cu	10	-	-	1037.2	+1	ENE	2	C	38	82	6	2-3000	St. Cu	7	Ci	1	-						
Felixstowe ...	1032.4	0	E	3	bc9	35	52	6	1-1500	St. Cu	6	-	-	1034.5	+3	ESE	5	C9	37	92	4	1-1500	St. Cu	8	-	-	4						
Cranwell (Lincs)	1038.9	-1	NE	4	C	35	82	8	2-3000	F. Cu	3	A. Cu	4	-	1036.4	+4	NNE	2	0	36	87	7	2-3000	St. Cu	10	-	-	-					
Benson ...	1032.2	+2	NE	5	C	38	75	7	-	-	-	-	-	1033.8	+1	NE	4	0	35	75	8	-	Cu	8	-	-	-						
London (Kew Ob.)	1031.6	0	ENE	4	Om	38	75	4	2-3000	St. Cu	3	-	-	1033.4	+2	ENE	5	Om	37	75	4	2-3000	St. Cu	8	-	-	-						
1H. G.M.T. OF 6 th														7H. G.M.T. OF 6 th																			
Eskdalemuir ...	1034.9	-4	-	0	om	21	92	5	-	-	-	C. S.	10	1029.4	-4	-	0	om	29	92	3	1-1500	St	10	-	-	-						
Valencia (Cahire'n)	1035.1	-4	-	0	bc	37	-	-	-	-	-	-	-	1029.1	-6	SSE	3	CX	38	82	7	-	-	-	-	-							
Baldonnell ...	1034.3	-4	SSW	1	b	26	75	4	-	-	-	-	-	1029.4	-8	S	4	CX	33	7	3	2-3000	St. Cu	10	-	-	-						
Anglesey (Llangefni)																																	
Falmouth ...	1031.5	-2	N	4	bx	31	82	6	-	-	-	-	-	1027.6	-4	N	2	bx	29	82	6	-	-	-	-	-							
Calshot (Hants) ...	1031.1	-2	NE	3	bx	34	87	6	-	-	-	-	-																				
Lympne (Folkestone)	1032.0	0	NE	6	C	33	57	8	2-3000	M. Cu	8	-	-																				
Aberdeen ...	1032.7	-5	W	4	bcz	33	92	-	2-3000	St	2	Ci	3	-	1023.9	-2	SW	3	om	36	75	6	-	St. Cu	10	-	-	2					
East Fortune ...	1034.6	-1	SE	2	bc	38	82	7	2-3000	St. Cu	10	-	-	1027.3	-5	SW	3	0	34	82	-	2-3000	Nb	6	A. St.	4	-						
Flamborough Hd.	1032.4	-3	ESE	4	C9	35	98	5	1-1500	St. Cu	8	-	-	1030.4	-4	SSE	1	C	35	92	7	2-3000	St. Cu	10	-	-	-						
Felixstowe ...	1034.5	-3	ENE	2	b	32	92	8	-	-	-	-	-	1029.7	-3	ESE	2	0	31	98	8	2-3000	St	6	A. St.	4	-						
Cranwell (Lincs)																																	
Benson ...														1028.8	-2	NE	2	CX	30	92	8	-	Cu	10	-	-	-						
London ...	1030.6	-	-	-	-	-	-	-	-	-	-	-	-	1029.3	-2	ENE	3	0	33	75	5	2-3000	St. Cu	7	A. St.	3	-						
STATIONS CONTRIBUTING REPORTS AT 7th AND 1st.																																	
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.											
			Direc.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.													
1st. G.M.T. of 5 th														7th. G.M.T. of 6 th														24 HOURS ENDED 7th. 6 th				5 th	
Lerwick ...	1029.1	39	SSW	3	cm	1012.3	-5	40	+8	SSW	5	-	omtg	3	5	40	38	bc	cm	omtg	-	-	-	-	-	-	-	-					
Stornoway ...	1024.5	40	S	5	0	1016.1	-3	46	+13	SW	6	-	C9	5	11	46	33	C	C. O	omtg	0.0	-	-	-	-	-	-	-					
Castlebay (Barra Is)	1031.7	62	SSW	6	0	1014.3	-4	47	-	SW	5	-	Op	6	2	47	42	-	-	bc. o	0.0	-	-	-	-	-	-	-					
Glasgow ...	1038.1	32	SE	1	m	1027.1	-3	35	+5	SW	3	-	0	-	-	35	29	b. bc. c3	cm. m	bc. om. o	1.6	-	-	-	-	-	-	-					
Malin Head ...	1033.1	35	S	3	C	1023.2	-1	38	+2	S	3	5	0	2	-	43	33	bc	C	om	3.5	-	-	-	-	-	-	-					
Blacksod Point	1033.5	41	SW	2	bc	1024.2	-1	46	+8	WSW	3	-	C	2	-	46	36	bc	bc	bc. c.	-	-	-	-	-	-	-	-					
Roche's Point ...	1036.5	38	NNE	2	C	1030.6	-4	34	+1	N	2	-	0	2	0.2	43	32	b. bc	bc. c.	bc. o.	-	-	-	-	-	-	-	-					
Birr Castle ...	1036.9	30	NE	1	bc	1028.4	-	28	+2	NE	1	-	bc	-	-	38	25	bc	bc. bc.	bc. c.	4.7	-	-	-	-	-	-	-					
Donaghadee ...	1037.2	36	SW	1	C	1026.7	-3	33	-7	SW	1	-	cm	0	-	42	31	bc. m	bc	CX	-	-	-	-	-	-	-	-					
Liverpool (Bidston)	1026.8	36	ENE	3	m	1029.0	-4	30	-5	SE	2	-	b	2	-	39	30	cm	cm	bm. c.	0.0	-	-	-	-	-	-	-					
Holyhead ...	1036.1	38	ENE	4	b	1029.5	-5	30	-11	S	2	-	bm. x	0	-	41	29	bc. c.	C. bc. b	bm. c.	1.6	-	-	-	-	-	-	-					
Pembroke (St. Ann's Head)	1035.2	37	NE	3	b	1029.8	-3	31	-7	NE	2	-	b	2	-	41	31	C. bc	bc. b	b	5.3	-	-	-	-	-	-	-					
Scilly (St. Mary's)	1032.8	35	E	4	bc	1028.2	-4	38	-1	NE	2	-	0	4	-	43	35	bc. c	C. bc.	b	4.0	-	-	-	-	-	-	-					
Jersey (St. Aubin)	1026.3	41	NNE	6	b	1023.3	-1	40	-1	NE	5	-	b	4	-	44	37	bc. o	bc. b.	bc. o	3.0	-	-	-	-	-	-	-					
Portland Bill ...	1030.6	37	NE	6	C	1026.1	-3	31	-5	NE	5	-	bc	5	-	41	30	bc	bc. c	bc	-	-	-	-	-	-	-	-					
Dungeness ...	1028.3	38	NE	6	C9	1025.3	-4	34	-5	ENE	6	E	C9	5	-	40	33	C9	C9	C9	-	-	-	-	-	-	-	-					
Wick ...	1029.8	38	SW	4	C	1015.6	0	41	+6	SSW	4	-	om	3	1	42	34	C	C	C. om. p.	-	-	-	-	-	-	-	-					
Nairn ...	1031.6	32	-	0	bc	1019.9	0	40	+10	WSW	5	-	om	3	1	40	27	C. bc	bc. c.	C. om. p.	0.7	-	-	-	-	-	-	-					
Leith ...	1036.4	35	SW	1	C	1027.1	-2	34	-2	W	2	-	om	2	-	41	30	C. om. o	omtg. c.	C. om. p.	-	-	-	-	-	-	-	-					
Tynemouth ...	1038.3	39	SE	2	bc	1029.3	-	31	-10	WSW	2	-	bm	2	-	42	30	C	bc	bm	-	-	-	-	-	-	-	-					
Spurn Head ...	1036.7	39	NE	4	C	1029.6	-5	36	-4	SE	3	-	C	3	-	41	36	C9	C	bc. c.	-	-	-	-	-	-	-	-					
Yarmouth (Nor. Is.)	1033.6	37	E	5	C	1029.7	-2	34	-3	E	4	-	C	4	1	39	33	C	C	C. bc. c.	1.4	-	-	-	-	-	-	-					
Clacton-on-Sea	1032.3	37	ENE	4	C	1023.3	-2	35	-3	NE	3	E	bc	3	-	40	34	bc. o	o. c	C. bc.	0.1	-	-	-	-	-	-	-					
Nottingham ...	1026.8	38	NE	2	0	1030.1	-	32	-6	E	2	E	0	-	-	41	28	o. o	C. o	o	0.4	-	-	-	-	-	-	-					

* Information for these columns not usually received.

* The barometric change is expressed in half-inches.

* Longside to 10.

SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 6th January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NE-E.NE. 10-25	R. cold	Cloudy or dull, squally	Fair	R. rough
2. E. England	NE-SE. 5-15	"	Fair to dull:	Good	Slight
3. E. Midlands	N-E. 5	"	Dull, local frost.	Fair	-
4. W. Midlands	NE-SE. 5	Cold	Variable sky.	"	-
5. S.W. England	N-NE. 5-20	"	Fine or fair.	Good	Mod.
6. South Wales	NE. 5	"	Fine	Fair	Smooth
7. North Wales	Var. 5	"	Fine, local frost and mist.	Indiff.	V. smooth
8. N.W. England	SE-SW. 5	R. cold	Variable sky.	Ord.	Smooth
9. N. Midlands	Var. 5	"	Fair to dull.	-	"
10. N.E. England	Var. 2-10	"	Fair or cloudy, local mist.	Good	Slight
11. E. Scotland	SW-W. 10-20	Moderate	Dull, local mist & squalls.	Fair	"
12. S.W. Scotland	SW. 0-10	R. cold	Dull, local mist.	Indiff.	Smooth
13. Isle of Man	S-SW. 5	"	Variable cloud.	-	"
14. N. & N.W. Scotland	SSW-SW. 15-20	"	Cloudy or dull, local	Indiff.	Mod.
15. Hebrides	SW. 20-25	R. mild	mist and squalls.	Fair	R. rough
16. Orkneys and Shetlands	SSW. 20-25	Mod.	Cloudy or dull, local	Indiff.	Slight
17. N.W. Ireland	S-WSW. 10	"	Dull, local mist, squalls.	Indiff.	Smooth
18. N.E. Ireland	S-SW. 2-10	R. cold	Cloudy or dull, local mist.	Ord.	"
19. S.E. Ireland	Var. 2-15	Cold	Fair to dull, local frost.	Indiff.	"
20. S.W. Ireland	Var. 2-10	R. cold	Cloudy or dull, local	Good	"
			frost.		

Upper Cloud

Visibility

GENERAL INFERENCE from observations received up to 9 a.m.

A large deep depression is situated over the Icelandic region and a band of high pressure stretches over South Ireland, England and the Southern North Sea to Denmark. The SWly. winds over the northern parts of the Kingdom will probably extend gradually southward. In the south the weather is likely to be fair to dull. In the north some rain is probable.

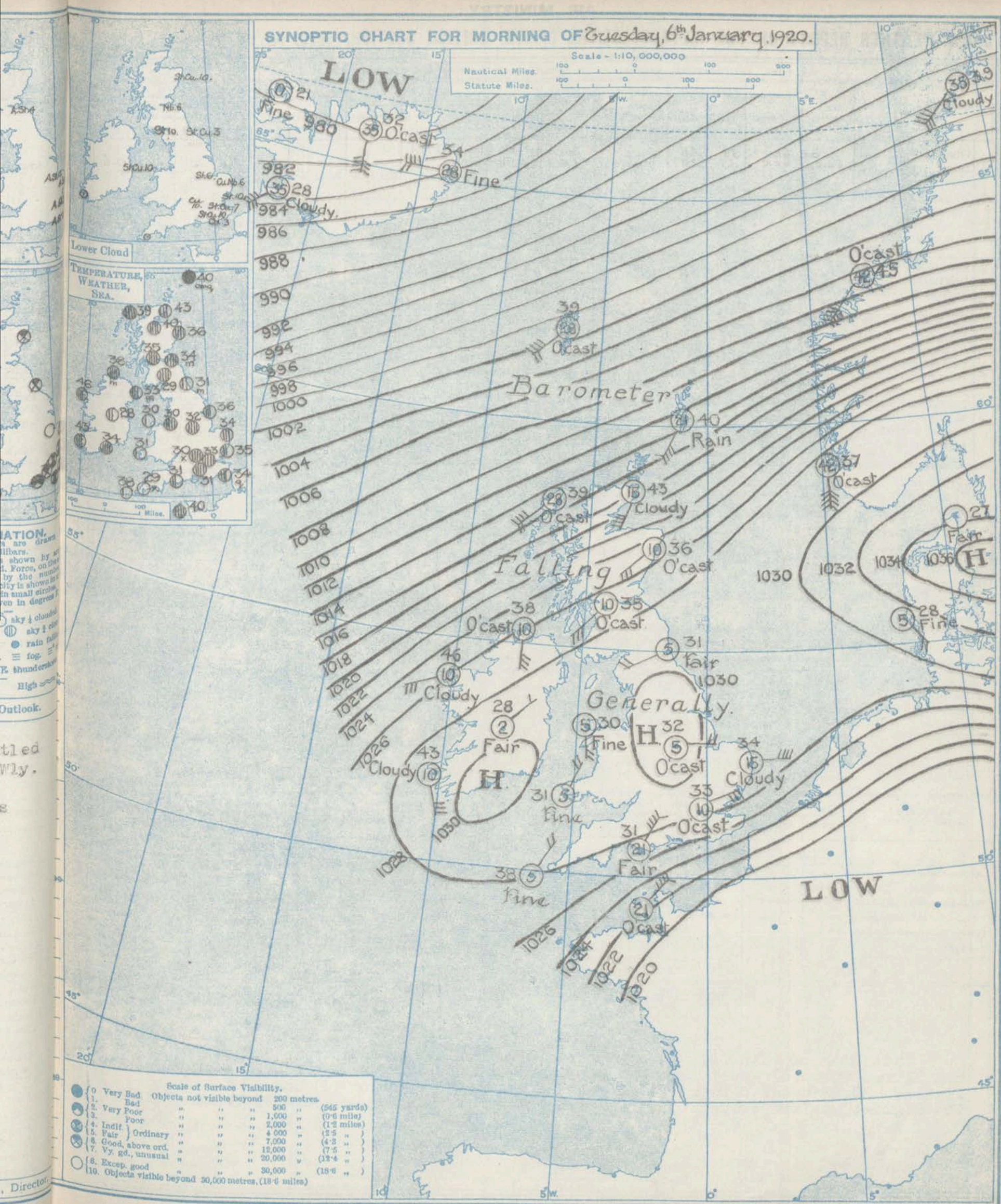
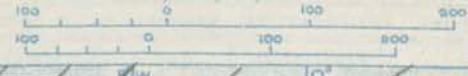
EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of 0.1 millibars.
 WIND.—Direction is shown by the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.
 TEMPERATURE is given in degrees.
 WEATHER SYMBOLS.—
 ○ clear sky. ○ sky & clouds.
 ⊙ sky & clouds. ⊙ sky & clouds.
 ⊕ overcast sky. ⊕ rain falling.
 * snow. * hail. = fog. =
 T thunder. T thunder.
 SEA DISTURBANCE.—
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 6th January, 1920	Further Outlook.
1. S.E. England	Moderate to light E. or NE. winds. Becoming variable later and finally SW. Fair to dull. Visibility fair. Rather cold.	An unsettled Wly. or SWly. type of weather is probable.
2. E. England		
3. E. Midlands		
4. W. Midlands	Light variable winds becoming SW. and probably freshening somewhat. Fair to dull. Visibility fair. Rather cold becoming milder.	
5. S.W. England		
6. South Wales		
7. North Wales		An unsettled Wly. or SWly. type of weather is probable.
8. N.W. England	Light or moderate SWly. winds freshening. Cloudy or dull, some rain or drizzle probable at times. Visibility indifferent or fair. Temperature rising.	
9. N. Midlands		
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man		An unsettled Wly. or SWly. type of weather is probable.
14. N. & N.W. Scotland	Strong SW. winds reaching gale force in exposed places. Cloudy or dull, rain at times. Visibility indifferent or fair. Rather mild.	
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Moderate or fresh SW. winds. Cloudy or dull, rain at times. Visibility indifferent or fair. Rather mild.	
18. N.E. Ireland		
19. S.E. Ireland	Same as for 4-6	An unsettled Wly. or SWly. type of weather is probable.
20. S.W. Ireland	Light or moderate S. to SW. winds freshening. Cloudy or dull, rain or drizzle at times probable. Visibility fair. Temperature rising.	

SYNOPTIC CHART FOR MORNING OF Tuesday, 6th January, 1920.

Nautical Miles.
Statute Miles.

Scale - 1:10,000,000



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

STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise
						18h-9h.	9h-18h.	to Sun- set.							18h-9h.	9h-18h.	to Sun- set.
						49	59	54							49	59	59
						mm.	mm.								mm.	mm.	
Scotland.	Oban	o.c.	bc.	38	28	-	-	2.3	England, N.W.	Douglas (L.O.M.)							
	Banff	bcx.	bcx.	35	29	-	-	1.6		Blackpool	-	c	39	34	-	-	0.6
	Montrose									Southport	bc.c.o	bc.c.bc	39	34	-	-	0.9
	St. Andrews	*	*	36	27	-	-	0.9									
England, N.E.	Harrogate	c.bc.	bc.c.o	38	34	1	-	1.7	Midlands.	Buxton							
	Scarborough	*	*							Leamington Spa	*	*	40	37	-	-	0.3
	Skegness	bc.c.	c.o.c.	40	37	-	-	1.2		Malvern							
										Ross-on-Wye	o.c.bc.	c.o	40	36	-	-	2.3
England, E.	Lowestoft	c.p	c.o	39	37	1	-	0.5	Wales.	Rhyl	c	c	40	34	-	-	0.1
	Felixstowe	bcx.	bcx.	39	37	-	-	0.9		Colwyn Bay	*	*	40	36	-	-	0.0
	Southend-on-Sea	c.bc	bc.c.o	42	34	-	-	0.5		Llandudno	?	?	43	37	-	-	0.4
										Aberystwyth	o.o.c.	bc.o	41	37	-	-	3.2
England, S.E.	Tunbridge Wells	bc.c.o	o	39	33	-	-	0.0	England, S.W.	Weymouth	bc	bc.c.	40	34	-	-	2.8
	Margate	c	c	40	35	-	-	0.3		Teignmouth							
	Ramsgate	-	o	39	34	-	-	0.0		Torquay	c.bc.	bc.c.o	42	37	-	-	1.8
	Folkestone	c	c	39	34	-	-	?		Paignton	c.bc	bc.c	41	36	-	-	1.4
	Hastings	bc.bc	bc	40	34	-	-	4.7		Penzance	bc	bc.b	42	36	-	-	4.8
	Eastbourne	bc	bc.c	40	35	-	-	5.1		Newquay	bc.bc	bc.b	40	36	-	-	3.0
	Brighton	bc.bc	bc.c	41	35	-	-	2.6		Bude	bc	bc	42	36	-	-	6.0
	Worthing	bc.bc	bc	40	35	-	-	3.1		Ilfracombe	o.c.bc.	bc.c	42	39	-	-	4.0
	Littlehampton	-	-	40	34	-	-	2.8		Weston-s-Mare	bc	bc	40	36	-	-	3.6
	Bournemouth	*	*	40	32	-	-	2.8									
	Ventnor (I. of W.)	-	-	40	34	-	-	5.5									

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.						RAINFALL.		Sun. Hours.	
	7h-10h A.M.	10h-18h A.M.	18h-5h P.M.	1h-7h A.M.	Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rainfall.		
								Day. 7h-18h mm.		Night. 18h-7h mm.
Eskdalemuir	o.c.p.m. bc. c.o.	o. c.	co. om.	om. x.	35	19	14	Trace	-	0.1
Valencia (Cahiriveen) ...	bc	bc. b.	b. bc. x.		44	32	28	-	-	5.7
Baldonnel	c.o.	bc. c.	b. b. bc.	q.	41	26		*	*	*
Anglesey (Llangefni) ...								*	*	*
Falmouth	b. bc. c.	c. bc. q.	b. x.	bx.	40	28	21	-	-	1.9
Calshot (Hants)	c. o.	c. o.	bx.	x.	39	35		*	*	*
Lymington (Folkestone) ...	c. o. v.	c. o. v.	co. q.					*	*	*
Aberdeen	c. q. b. q.	b. bc. q.	bc. z. o. z.		37	32	30	-	-	0.6
East Fortune	c. o.	c. o. q. z.	U. U.	c. o.	38	32		*	*	*
Flamborough Head	q. c.	q. c. o.	U. c. o.	c. o.	42	34		*	*	*
Felixstowe	q. c.	c. q.	co. q.	q. c.	44	33		*	*	*
Cranwell (Lines)	bc. c. v.	v. c. o.	v. U.	v. bc. c.	40	26		*	*	*
Benson	o. c.	c.	b. o. x.		39	28	22	-	-	*
London (Kew Obsy.)	om. om. om.	om. om.	om. b. o.		39	32	31	0.1	-	0.0

BEAUFORT NOTATION.		WIND FORCE.		
b blue sky (not more than a quarter covered).		Used only for surface observations.		
bc sky partly cloudy (one half covered).		No.	Limits of Velocity at about 30 feet above ground.	
c generally cloudy (three quarters covered).			Statute miles per hour.	Metres per second.
d drizzle, or fine rain.		0	Less than 1	Less than 0.3
e wet air without rain falling.		1	1-3	0.3-1.5
f fog.	g gloom.	2	4-7	1.6-3.3
h hail.	i lightning.	3	8-12	3.4-5.4
m mist.	o overcast sky.	4	13-18	5.5-7.9
p passing showers.	r rain.	5	19-24	8.0-10.7
rs sleet, i.e., rain and snow together.		6	25-31	10.8-13.9
s snow.	t thunder.	7	32-38	13.9-17.1
u ugly, threatening sky.		8	39-46	17.2-20.7
v unusual visibility.		9	47-54	20.8-24.4
w dew.	x hoar frost.	10	55-63	24.5-28.4
y dry air; humidity less than 60 per cent.		11	64-75	28.5-33.5
z dust haze; the turbid atmosphere of dry weather.		12	Above 75	33.6 or above

SYMBOLS—

Aurora

☼

Solar halo

☉

Rime

☄

Lunar halo

☾

Glazed frost

☁

Solar corona

☼

Glazed roads

☁

Lunar corona

☾

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0 = slight, 2 = heavy. Underlining is used to express continuity.

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. i lightning.
m mist. o overcast sky.
p passing showers.
q squalls. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew. x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

Suffices 0, 1 and 2 attached to Beaufort letters signify intensity, 0=light, 2=heavy. Underlining is used to express continuity.

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

No.	Limits of Velocity at about 33 feet above ground.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.9
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

SYMBOLS—

Aurora ☄ Solar halo ☉
Rime ☄ Lunar halo ☉
Glazed frost ☄ Solar corona ☉
Glazed roads ☄ Lunar corona ☉

LONDON OBSERVATIONS.

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
24 HOURS ENDED 9h G.M.T. ... 6 th ...										YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday	... 6 th & 7 th January ... 1920		
Greenwich (Royal Observatory)	o	o	o	38	32	28	-	0.4	75	83	Stations.		Sunrise.	Noon.	Sunset.
City (Banhill Row)	*	*	*	*	*	*	*	0.0	*	*		G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	*	*	*	45	32	30	-	0.0	75	75	Yarmouth ...	8.5	11.55	3.52	
(Admiralty Arch)	om.p.	om	bm.om	41	33	*	-	0.0	73	72		8.4	11.55	3.54	
Camden Sq. (British Rainfall)	o	o	*	39	31	29	0.2	*	78	85	Greenwich ...	8.6	12.0	4.5	
Kensington Palace	o	o	*	39	31	29	0.2	*	79	80		8.6	12.0	4.6	
Hamstead Observatory	bc	bc	c	34	29	24	Trace	0.1	73	73	Wick ...	9.1	12.18	3.54	
Total ... 143 ... Joules.												Average Rate.	5.0	9.0	12.18	3.50
Milliwatts.															
Maximum Rate.											13	Valencia ...	9.50	12.47	4.43
													9.40	12.47	4.40

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

Stations.	6 th JANUARY 1920		
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	8.5	11.53	3.52
Greenwich ...	8.6	12.6	4.5
Wick ...	9.1	12.18	3.34
Valencia ...	8.50	12.47	4.44

NOTES ON THE WEATHER OF YESTERDAY.

Little or no rain fell in most districts, but during the night Stornoway had 11 mm. of rain. Most sunshine was reported from SE. and SW. England and Ireland. Bude had 6.0 hours, Valencia 5.7 hours and Ventnor 5.5 hours. The highest maximum temperature reported was 46° from Stornoway and Blackpool Point.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

NO. 21230B

WEDNESDAY, 7TH JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 18h.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10. Feet.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10. Feet.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.				
			13H. G.M.T. OF 6 ¹⁵														18H. G.M.T. OF 6 ¹⁵												
Eskdalemuir ...	1024.3	-6	SSW	2	om	31	87	4	-	St	10	-	-	1021.2	-2	S	2	om	33	92	1	1-1000	St	10	-	-	-	3	
Valencia (Cahire'n)	1025.5	-5	S	4	o	43	82	8	2-3000	St	7	Ast	3	3	1021.0	-3	SSE	4	om	45	87	7	1-2000	St	10	-	-	3	
Baldonnell ...	1025.4	-5	S	4	o	36	82	4	2-3000	St	3	Ast	7	-	1022.1	-5	S	4	c	85	75	+	2-3000	St	3	A. Cu	4	-	
Anglesey (Llangefni)	1025.0	-3	N	2	b	39	65	5	-	-	-	-	-	1022.1	-2	NNW	3	b, 3	36	82	6	-	St	1	-	-	-	-	
Falmouth ...	1025.7	-3	N	3	b	33	87	4	1-2000	St	2	-	-	3	1021.7	-1	NNE	3	c	29	92	4	2-3000	St	7	-	-	3	
Calshot (Hants) ...	1022.7	-5	NE	5	oz	33	87	5	1-1500	St	10	-	-	4	1019.0	-3	NE	6	o	33	87	5	1-1000	Nb	10	-	-	-	
Lymington (Folkestone)	1022.7	-5	NE	5	oz	33	87	5	1-1500	St	10	-	-	4	1019.0	-3	NE	6	o	33	87	5	1-1000	Nb	10	-	-	-	
Aberdeen ...	1015.6	-9	SW	4	om	39	82	4	-	-	Ast	10	2	1015.2	-2	SSW	4	om	38	87	4	-	-	-	Ast	5	2		
East Fortune ...	1022.0	-6	W	2	of	35	87	4	2-3000	St	5	Ast	5	-	1018.1	-3	W	3	of	39	82	-	3-4000	St	9	-	-	-	
Flamborough Hd.	1026.6	-6	SW	3	om	33	87	4	1-2000	St	5	Ast	3	-	1021.8	-2	SW	4	om	30	92	4	1-1500	St	7	Cl	4	-	
Felixstowe ...	1025.4	-1	E	3	o	34	87	4	1-1500	St	10	-	-	4	1021.6	-4	NE	2	o	33	88	4	1-1500	St	10	-	-	4	
Cranwell (Lines)	1026.5	-3	NE	1	o	31	92	8	1-1500	St	10	-	-	-	1022.5	-3	SSW	1	o	28	87	6	1-1500	St	10	-	-	-	
Shoeburyness.	1025.1	-5	NNE	4	o	34	65	7	1-2000	St	9	-	-	-	1019.0	-6	NNE	2	om	36	87	6	1-1500	Cu	4	Ast	6	-	
Benson ...	1024.8	-6	NE	3	c	30	92	5	-	-	-	-	-	1021.0	-4	N	2	o	28	88	5	-	St	10	-	-	-	-	
London (Kew Obs.)	1025.2	-4	ENE	3	c	32	75	5	3-4000	Cu	7	-	-	-	1021.8	-3	NE	2	om	30	75	5	2-3000	St	10	-	-	-	-
1H. G.M.T. OF 7 ¹⁵												7H. G.M.T. OF 7 ¹⁵																	
Eskdalemuir ...	1016.0	-6	SSW	2	of	35	98	0	1-1000	St	10	-	-	-	1010.6	-6	S	4	om	33	98	1	1-1000	St	10	-	-	-	-
Valencia (Cahire'n)	1016.9	-5	SSE	2	om	41	88	8	-	-	-	-	-	-	1013.5	-4	S	3	oe	50	98	4	<500	St	10	-	-	-	-
Baldonnell ...	1014.2	-5	W	3	od	41	98	1	1-1500	St	10	-	-	-	1011.7	-3	SW	5	od	40	92	2	1-2000	St	10	-	-	-	-
Anglesey (Llangefni)	1020.2	-2	-	o	cx	31	92	6	-	St	7	-	-	-	1018.4	-3	N	1	cz	33	92	6	-	-	-	Ast	7	-	
Falmouth ...	1019.4	-2	NNE	4	b, x	26	98	3	2-3000	St	3	-	-	3	1017.6	-1	W	3	om	23	98	2	1-2000	St	10	-	-	-	2
Calshot (Hants) ...	1013.1	-5	NW	3	om	38	92	-	2-3000	St	7	Ast	2	-	1006.1	-6	SW	3	om	42	75	5	-	St	10	-	-	-	2
Lymington (Folkestone)	1015.8	-6	SW	4	of	27	98	0	1-1000	St	10	-	-	-	1008.1	-4	SW	3	oz	40	87	8	3-4000	St	9	-	-	-	-
Aberdeen ...	1017.5	-3	NNE	2	o	29	98	4	1-1500	St	10	-	-	-	1012.5	-4	SW	4	of	32	98	0	1-1000	St	10	-	-	-	-
East Fortune ...	1017.3	-1	SW	3	o	25	98	3	2-3000	St	10	-	-	-	1013.3	-2	W	2	o	26	75	3	1-1500	St	10	-	-	-	2
Flamborough Hd.	1016.8	-4	-	-	-	-	-	-	-	-	-	-	-	-	1012.1	-5	-	o	27	98	3	2-3000	St	10	-	-	-	-	-
Felixstowe ...	1016.5	-2	N	1	om	22	98	-	-	-	-	-	-	-	1016.5	-2	N	1	om	22	98	-	-	St	10	-	-	-	-
Cranwell (Lines)	1017.3	-1	SW	3	o	25	98	3	2-3000	St	10	-	-	-	1017.3	-2	SW	1	om	25	92	4	2-3000	St	10	-	-	-	-
Shoeburyness.	1016.8	-4	-	-	-	-	-	-	-	-	-	-	-	-	1017.3	-2	SW	1	om	25	92	4	2-3000	St	10	-	-	-	-
Benson ...	1016.8	-4	-	-	-	-	-	-	-	-	-	-	-	-	1017.3	-2	SW	1	om	25	92	4	2-3000	St	10	-	-	-	-
London (Kew Obs.)	1016.8	-4	-	-	-	-	-	-	-	-	-	-	-	-	1017.3	-2	SW	1	om	25	92	4	2-3000	St	10	-	-	-	-
STATIONS CONTRIBUTING REPORTS AT 7h. AND 18h.																													
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER. at M.S.L. mb.	TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.									
			Dir.	Force 0-12.			Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.										
																					24 HOURS ENDED 7h. 7 ¹⁵								
Lerwick ...	1004.7	46	SW	5	omrq	1000.2	-6	+1	SW	3	-	cm	2	4	45	40	empq	omrq	bom	0.0									
Stornoway ...	1010.4	44	WSW	2	c	1001.5	-5	+1	SW	1	-	or	1	4	48	40	empq	or	of. of.	0.0									
Castlebay (Barra)	1015.4	34	SW	4	odm	1009.2	-5	+3	SSW	2	-	em	2	2	38	34	orsdp	odpm	odpme	0.0									
Glasgow ...	1015.2	45	SW	4	o	1005.6	-3	+4	SW	3	SW	omd	3	1	45	37	om	o	om	0.0									
Main Head ...	1014.9	48	SW	2	and	1007.8	-9	+2	SW	2	-	cm	3	3	42	42	-	omd	ofdem	-									
Blackod Point	1024.3	39	WSW	1	b	1015.1	-5	+4	S	3	-	oem	3	1	48	31	om	om. b	od. oe	-									
Roche's Point...	1021.2	35	S	1	o	1011.4	-	+4	S	1	-	o	-	-	42	28	2 cz	cz. o.	o	0.0									
Birr Castle ...	1020.1	38	SW	3	om	1011.0	-5	+4	SW	3	-	omd	2	0.4	42	31	cm	om	om	-									
Donaghadee ...	1022.8	30	ESE	1	f	1012.9	-4	+2	SE	3	-	o	2	-	33	29	-	f	om. ex.	0.3									
Liverpool (Bidston)	1022.4	38	SW	3	f	1012.7	-3	+1	SSW	5	-	oem	3	Trace	42	29	6. bc. cm	c. oc. bc	b. bc. oe	0.0									
Holyhead ...	1023.4	35	-	o	b	1015.9	-	+4	SSW	3	-	o	3	-	45	33	b	b	b. bc. o.	2.5									
Pembroke (St. Ann's Head)	1023.9	41	NE	2	bc	1019.0	-2	+4	W	2	W	bc	3	-	44	37	bc	bc	bc	5.6									
Scilly (St. Mary's)	1019.7	39	NE	4	o	1017.4	0	-19	N	2	-	b	2	-	41	29	o. c	c. o	om. bx	0.0									
Jersey (St. Aubin)	1021.4	33	NNE	4	bc	1016.2	-2	+2	S	1	-	b. ex	3	-	35	26	bc	bc	bc	-									
Portland Bill ...	1018.5	35	NE	5	c	1016.4	-	+2	NNW	3	-	c	3	-	36	28	cg. c.	c	c. o. c.	-									
Dunegness ...	1009.9	40	SSW	4	omv	1002.1	-3	+1	SW	2	-	omd	2	1	42	37	oem	om. bc	om	-									
Wick ...	1012.7	42	SW	3	o	1003.8	-	+3	-	o	-	or	1	-	43	38	oem	cg. g	ogu	0.0									
Nairn ...	1017.4	40	SW	2	o	1007.8	-2	+3	SW	1	-	o	2	0.3	42	34	om. c. o.	og. o.	om. d. o.	-									
Leith ...	1021.5	33	SW	1	f	1011.5	-	+7	W	1	-	om	1	-	38	29	f	f	om. f.	-									
Tynemouth ...	1021.4	32	SSE	3	o	1013.4	-	+6	S	4	-	f	3	-	41	24	c. o	o	f	-									
Spurn Head ...	1020.7	34	E	3	bc	1015.8	0	+2	WSW	3	-	om. ex	2	-	34	28	o	bc	c. bc. bc	0.2									
Yarmouth (Gorleston)	1021.0	34	NNE	3	o	1016.4	0	+2	NW	3	-	om	2	-	35	26	bc. c. o	a. c. o	a. c. om	0.0									
Clacton-on-Sea	1022.3	30	W	1	o	1015.1	-	+4	W	2	-	om. ex	-	-	33	24	oem	c. o	om	0.0									
Nottingham ...	1022.3	30	W	1	o	1015.1	-	+4	W	2	-	om. ex	-	-	33	24	oem	c. o	om	0.0									

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 1

Wednesday, 7th January, 1920.

Upper Cloud

Visibility

EXPLANATION

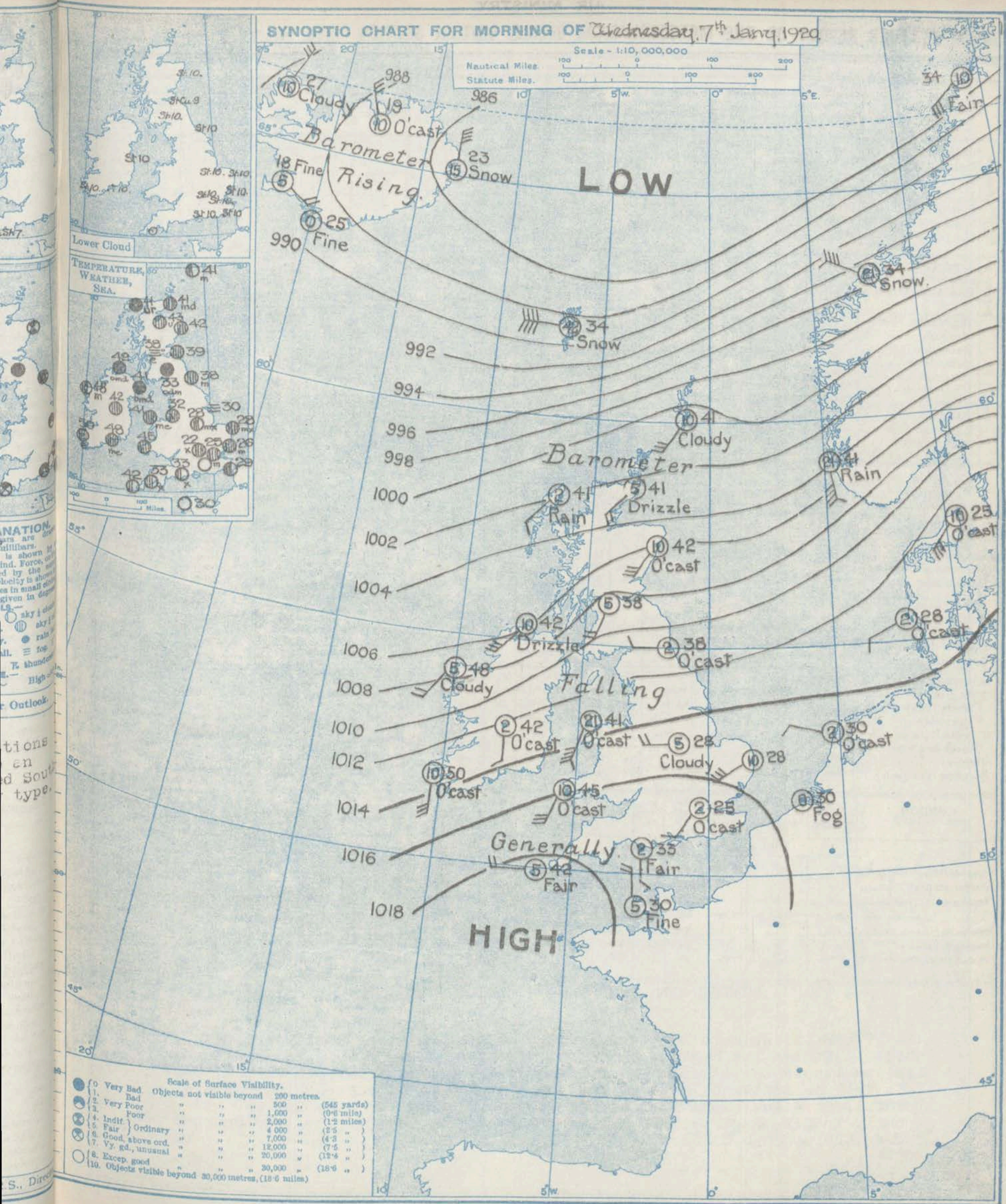
9 . 10 .

EXPLANATION.
BAROMETER.—Figures are given in intervals of .01 millibars.
WIND.—Direction is shown by the arrow flying with the wind. Force, on a scale of 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 Fahrenheit.
WEATHER SYMBOLS.—
 ☉ sky & clear. ☁ sky & cloudy.
 ☂ overcast sky. ☂ rain.
 ❄ snow. ⚡ hail. ☁ fog.
 ⚡ thunder. ⚡ thunder.
SEA DISTURBANCE.—
 ☼ Rough. ☼ High.

Indications point to an unsettled South Westerly type

SYNOPTIC CHART FOR MORNING OF Wednesday, 7th Jan'y, 1920

Scale - 1:10,000,000
Nautical Miles 100 0 100 200
Statute Miles 100 0 100 200



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 7... B WEDNESDAY, 7th JANUARYWEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 7th JANUARY.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 18h-9h.	Day. 9h-15h.				Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 18h-9h.	Day. 9h-15h.	
Scotland, N.E.									Douglas (I.O.M.)							
Oban	co	ro	44	27	+	2	0.0		Blackpool	cm	cm	32	26	-	-	0.0
Banff	oe bc	bcco	43	30	-	-	0.0		Southport	bcco	o	31	26	-	-	0.0
Montrose																
St. Andrews																
England, N.E.									Buxton							
Harrogate	co	co	30	26	-	-	0.0		Leamington Spa	*	*	30	28	-	-	0.0
Scarborough	x.o bc.	cm	34	31	-	-	0.0		Malvern							
Skegness	bcc	co	35	32	-	-	0.3		Ross-on-Wye	om	omcm	30	28	-	-	0.0
England, E.									Rhyl	cx	cx	32	26	-	-	0.0
Lowestoft	oco	oco	37	32	-	-	0.2		Colwyn Bay	*	*	35	26	-	-	0.1
Felixstowe	ogq	ogq	34	?	-	-	0.3		Llandudno	o	o	37	26	-	-	0.1
Southend-on-Sea	o	o	34	32	-	-	0.0		Aberystwyth	o.oc	cco	36	29	*	*	2.3
England, S.E.									Weymouth	b	bccb	37	29	-	-	5.4
Tunbridge Wells	o	o	33	29	-	-	0.0		Teignmouth							
Margate	c	c	37	33	-	-	0.0		Torquay	b	bcc	40	29	-	-	6.3
Ramsgate	o	o	35	?	-	-	0.0		Paignton	bcc	bc	40	29	-	-	5.9
Folkestone	c	o	35	32	-	-	0.0		Penzance	bcc	bc	43	31	-	-	5.6
Hastings	abc	o	34	31	-	-	0.1		Newquay	b	bcc	39	28	-	-	5.0
Eastbourne	bc	bcco	36	31	-	-	0.6		Bude	b	bccbc	42	26	-	-	3.9
Brighton	bcc	cbcb	35	30	-	-	3.2		Ilfracombe	bcc	cbcc	38	32	-	-	4.0
Worthing	b	b	36	32	-	-	4.9		Weston-s-Mare	bcc	bcc	31	28	-	-	2.5
Littlehampton	c	om	37	30	-	-	2.3		Bath	ac.bc.	c.bc.o	32	26	*	*	1.0
Bournemouth	*	*	34	25	-	-	6.0									
Ventnor (I. of W.)	-	-	34	28	-	-	6.0									

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.
	7h-15h. 6 th	15h-18h. 5 th	18h-6h. 4 th	6h-7h. 3 rd				Day. 7h-15h.	Night. 18h-7h.	
Eskdalemuir	om	om	adm omc	ofc adm	36	27	31	-	1	0.0
Valencia (Cahirciveen)	co	o	oda do.	oda do.	50	35	43	-	3	0.0
Baldonnel	co ze	bc.cj	ef.co	cald.	43	33	*	*	*	*
Anglesey (Llangefni)	bxc.b	b.b.cj	b.bccx	cx2.	41	28	23	-	-	5.3
Falmouth	z.b.bc	bcc	bcc	x	39	21	*	*	*	*
Calshot (Hants)	oz.	oz			*	*	*	*	*	*
Lympne (Folkestone)					*	*	*	*	*	*
Aberdeen	omgr	cm.om	om		42	35	34	1	-	0.0
East Fortune	co.f.	co.f.	pd. u	coz.	40	33	*	*	*	*
Flamborough Head	c.	omx.	ofx	ofx	35	27	*	*	*	*
Felixstowe	c.	c.	c	x.c.o.	38	26	*	*	*	*
Cranwell (Lincs)	v.o.	c.o	o.om	o.om.	32	23	*	*	*	*
Sharnburgess	o	o	o	o	37	24	24	-	-	0.0
Benson	o.c.	o	ox	ox	30	20	22	-	-	*
London (Kew Obs.)	om.c.	c.om.o	o.om.		33	24	23	-	-	0.9

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
 bc sky partly cloudy (one half covered).
 c generally cloudy (three quarters covered).
 d drizzle, or fine rain.
 e wet air without rain falling.
 f fog. g gloom.
 h hail. i lightning.
 m mist. o overcast sky.
 p passing showers.
 q squalls. r rain.
 rs sleet, i.e., rain and snow together.
 s snow. t thunder.
 u ugly, threatening sky.
 v unusual visibility.
 w dew. x hoar frost.
 y dry air; humidity less than 60 per cent.
 z dust haze; the turbid atmosphere of dry weather.

Suffixes 0.1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 30 feet above ground.

No.	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.8
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	12.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

SYMBOLS—

Aurora ☄ Solar halo ☉
 Rime ☃ Lunar halo ☾
 Glazed frost ❄ Solar corona ☉
 Glazed roads 🌫 Lunar corona ☾

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	Humidity %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.						
	24 HOURS ENDED 9h G.M.T. 7 th							YESTERDAY.	TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	7 th AND 8 th JANUARY..... 1920				
Greenwich (Royal Observatory)	o	c.o	o.om	33	22	23	-	0.3	87	83		Stations.	Sunrise.	Noon.	Sunset.	
City (Bunhill Row)	*	*	*	*	*	*	*	0.0	*	*	G.M.T.	G.M.T.	G.M.T.			
Westminster (St. James's Park)	*	*	*	35	23	22	-	0.0	74	95	Yarmouth ... {	8.4	11.59	3.54		
„ (Admiralty Arch)	om.	om	o.om	36	24	*	-	0.0	75	72	Greenwich {	8.4	12.0	3.56		
Camden Sq. (British Rainfall)	o.c.	c.o.	*	34	22	23	-	*	83	92	Wick ... {	9.0	12.18	3.36		
Kensington Palace	o	o	*	34	22	24	-	*	76 (12h)	95	Valencia ... {	8.49	12.47	4.44		
Hampstead Observatory	o.c.	ox.f.	ox	32	21	22	-	1.1	*	?	Total 170 Joules.					
											Average Rate.	5.9	Milliwatts.			
											Maximum Rate.	17				

NOTES ON THE WEATHER OF YESTERDAY.

Temperatures were low in England, the maximum being mostly below 40°, while at Benson the highest temperature reached was 30°. In Scotland and Ireland temperatures were higher. Valencia reported a maximum of 50°. Some rain fell in Scotland and Ireland. Lerwick and Stornoway each reported a rainfall of 4 mm. Sunshine records were poor except in S.W. England and locally in S.E. England. Torquay reported 6.3 hours sunshine, and Bournemouth and Ventnor each 6.0 hours.

* Information for these columns not usually received.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 2131.B

THURSDAY, 8TH JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 18h.																												
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.			
			13h. G.M.T. of 7 th	18h. G.M.T. of 7 th																								
Eskdalemuir ...	1002.3	-11	SSW	5	otm	40	91	0	5-1000	Sr	10	-	-	993.3	-8	SW	7	of	46	97	0	5-1000	Sr	10	-	-	-	-
Valencia (Cahire'n)	1004.6	-4	SW	5	omd	32	97	4	5-500	Sr	10	-	-	1006.9	-2	SW	4	omd	52	97	5	5-500	Sr	10	-	-	-	-
Baldonnell ...	1006.8	-5	SSW	7	of	50	92	4	5-500	Fe. Cu	3	A Sr	7	1000.7	-8	SSW	7	of	51	92	2	5-500	Sr	10	-	-	-	-
Anglesey (Llangefel)	1015.8	-6	SSW	6	bc	45	82	4	-	-	-	-	-	1012.4	-4	SW	5	omg	48	97	1	-	Nb	10	-	-	-	-
Falmouth ...	1016.0	-1	SSW	3	om	31	97	2	-	-	-	-	-	1013.0	-1	?	1	c	40	92	4	5-1000	Sr	7	-	-	-	-
Calshot (Hants) ...	1016.0	-1	SSW	3	om	31	97	2	-	-	-	-	-	1013.0	-1	?	1	c	40	92	4	5-1000	Sr	7	-	-	-	-
Lymington (Folkestone)	1015.7	-2	SW	5	of	29	97	0	5-1000	Sr	10	-	-	1013.5	+1	WSW	5	b	32	97	6	-	-	-	-	-	-	-
Aberdeen ...	995.2	-15	SSW	4	om	40	92	4	-	Sr	10	-	-	984.7	-8	SW	5	om	48	95	6	-	-	-	ASr	10	3	-
East Fortune ...	998.5	-10	SSW	6	o	46	82	6	5-4000	Sr Cu	4	ASr	6	987.8	-12	SW	8	bc	52	82	9	5-1000	Nb	4	ASr	2	-	-
Flamborough Hd.	1004.8	-5	SW	5	of	34	87	3	5-1000	Sr	10	-	-	1000.2	-5	SW	7	of	39	97	0	5-1000	Sr	10	-	-	-	-
Felixstowe ...	1014.7	-4	WNW	2	c	30	97	2	1-1500	Sr	4	Acu	2	1011.4	-2	W	5	W	35	97	2	5-500	Sr	10	-	-	-	-
Cranwell (Lincs)	1010.1	-6	SW	5	o	40	82	4	2-3000	Sr	3	Acu	6	1004.8	-5	SW	6	o	40	97	3	2-3000	Sr	6	ASr	4	-	-
Shoeburyness.	1014.8	-5	SW	1	bcf	31	?	3	-	-	-	Ast	6	1011.2	-1	SW	7	bcf	32	95	0	1-1500	Cu	4	-	-	-	-
Benson ...	1013.1	-7	-	-	cm	33	97	3	-	-	-	-	-	1010.5	-2	S	4	o	35	97	3	-	Sr	10	-	-	-	-
London (Kew Obs.)	1014.5	-5	SW	3	bm	31	95	3	-	-	-	-	-	1011.7	-3	SW	4	om	35	92	3	-	Sr	10	-	-	-	-
1h. G.M.T. of 8 th													7h. G.M.T. of 8 th															
Eskdalemuir ...	979.8	-13	SSW	8	omg	47	87	3	-	Nb	10	-	-	974.1	-7	WSW	7	ot	42	87	5	-	Nb	10	-	-	-	-
Valencia (Cahire'n)	1001.3	-10	WSW	6	omd	50	?	?	?	?	?	?	?	1003.7	+1	WSW	6	c	48	65	6	5-1000	St cu	8	-	-	-	-
Baldonnell ...	999.2	-6	SW	7	o	52	82	2	1-1500	Sr	10	-	-	990.7	0	W	7	ot	45	87	3	5-2000	St	7	Ast	3	-	-
Anglesey (Llangefel)	1006.8	-5	SW	6	odg	49	92	1	-	Nb	10	-	-	1003.7	-2	W	7	bqz	49	75	5	-	Cu	3	-	-	-	-
Falmouth ...	1004.9	-4	SW	5	ot	46	98	3	5-2000	Nb	10	-	-	998.5	-1	WSW	4	bc	50	82	6	2-3000	St	3	Acu	2	3	-
Calshot (Hants) ...	1005.0	-6	SW	7	o	40	98	3	1-1500	Sr	10	-	-	999.6	-5	SW	6	ot, f	41	98	0	5-1000	St	10	-	-	-	-
Lymington (Folkestone)	1005.0	-6	SW	7	o	40	98	3	1-1500	Sr	10	-	-	999.6	-5	SW	6	ot, f	41	98	0	5-1000	St	10	-	-	-	-
Aberdeen ...	992.6	-4	SW	6	o	49	92	4	2-3000	Sr	7	Ast	3	962.7	-4	WSW	4	o	45	82	6	-	St cu	10	-	-	-	-
East Fortune ...	992.6	-4	SW	6	o	49	92	4	2-3000	Sr	7	Ast	3	967.0	-7	W	8	ot, g	47	82	-	5-2000	Nb	5	Ast	4	-	-
Flamborough Hd.	1001.9	?	W	4	og	42	98	4	1-1500	Sr	10	-	-	979.8	-5	WSW	9	b	45	75	5	3-4000	St cu	2	-	-	-	-
Felixstowe ...	992.6	-4	SW	6	o	49	92	4	2-3000	Sr	7	Ast	3	993.8	-2	WNW	5	o	50	82	4	1-1500	St	10	-	-	-	-
Cranwell (Lincs)	992.6	-4	SW	6	o	49	92	4	2-3000	Sr	7	Ast	3	984.7	-1	W	6	o	50	87	7	2-3000	St	6	Ast	4	-	-
Shoeburyness.	992.6	-4	SW	6	o	49	92	4	2-3000	Sr	7	Ast	3	994.8	-3	WSW	7	o	51	82	7	1-1500	Cu	9	-	-	-	-
Benson ...	992.6	-4	SW	6	o	49	92	4	2-3000	Sr	7	Ast	3	994.1	-2	WSW	6	o	50	75	-	-	Cu	10	-	-	-	-
London (Kew Obs.)	1001.6	-7	-	-	-	-	-	-	-	-	-	-	-	996.2	-3	WSW	5	ogq	51	75	4	15-2000	St cu	10	-	-	-	-
STATIONS CONTRIBUTING REPORTS AT 7h. AND 18h.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours							
			at M.S.L. mb.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.										
																			18h. G.M.T. of 7 th	7h. G.M.T. of 8 th		24 HOURS ENDED 7h. 8 th	7 th					
Lerwick ...	987.6	40	S	3	omd	959.8	+12	34	-7	N	10	-	omsg	6	17	45	31	omg	omr	omg	omg	?						
Stornoway ...	987.3	50	SW	7	ot	976.2	+13	34	-7	NW	7	-	ctbg	5	28	50	33	ot	ot	bc. ctbg	0.0							
Castlebay (Barra Is)	987.3	50	SW	7	Y	980.3	+24	40	-	NW	5	-	ot	6	8	50	38	ot	Y.	Y. ot	0.0							
Glasgow ...	990.1	47	SW	6	+	971.2	-2	43	+5	W	8	-	c	?	10	50	37	ot	ot	ot. ctbg	0.0							
Malin Head ...	987.3	51	SW	6	omd	992.4	+12	45	-3	NW	4	NW	bc	5	2	52	43	of	of	bcg. cq	?							
Blacksod Point	995.0	51	W	4	fd	1001.1	+3	47	-1	WNW	4	-	b	3	1	52	47	of	of	ob	?							
Roche's Point ...	1000.9	51	WSW	4	o	993.1	?	47	+5	SW	6	-	o	?	3	51	41	o	od	ogp	0.0							
Birr Castle ...	1000.8	51	S	4	Y	981.0	-2	46	+5	WSW	6	-	otg	5	1	53	40	omd	omg	omg	?							
Donaghadee ...	997.5	51	WSW	4	omg	985.2	-3	47	+5	WSW	9	W	aq	7	-	53	32	ot	ot	c. ot	0.0							
Liverpool (Bidston)	1000.8	49	SW	6	o	988.0	-4	48	+7	WSW	8	W	cq	7	4	51	40	ot	ot	om. cq	0.0							
Holyhead ...	1000.9	48	SW	7	ogm	998.1	+2	48	+3	W	7	W	cq	6	1	50	46	of	of	odm. cq	0.0							
Pembroke (St. Ann's Head)	1007.5	48	SW	4	of	998.1	+2	48	+7	NW	6	NW	c	4	1	50	40	of	of	je	0.0							
Scilly (St. Mary's)	1013.0	50	WSW	3	Y	1006.2	-1	49	+20	W	6	-	dp	4	1	50	30	of	of	c. of	4.5							
Jersey (St. Aubin)	1016.0	45	SW	3	c	999.5	+1	48	+15	WSW	7	-	og	6	0.4	50	33	of	of	og	?							
Portland Bill ...	1013.1	46	WSW	4	bc	996.4	?	47	+18	SW	8	-	Y	7	1	47	30	of	of	bcg. ot	?							
Dunneen ...	1012.1	41	WSW	4	b	964.9	+12	37	-4	NW	7	-	omg	3	18	48	35	omr	omr	omr. bc	?							
Wick ...	978.2	44	SW	4	omr	967.8	-8	46	+7	WSW	7	W	c	4	8	55	40	omg	omg	omg	?							
Nairn ...	979.7	49	WSW	5	+	965.5	-8	46	+7	WSW	7	W	c	4	8	55	40	omg	omg	omg	?							
Leith ...	991.7	51	SW	6	Y	972.9	-12	47	+9	WSW	8	-	omg	4	3	54	37	om	om	om. bcg	?							
Fynmouth ...	995.0	48	SW	5	omg	982.2	-8	46	+16	SW	7	-	bcg	5	-	47	30	om	om	og	?							
Spurn Head ...	1002.9	41	SSW	6	og	990.7	-6	51	+23	W	5	-	cq	4	-	52	25	omx. bc	bc. om	om. cq	3.3							
Yarmouth (Port of London)	1008.6	32	SSW	3	b	993.6																						

* Information for these columns not usually received

SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 8th January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	WSW. 20-35	Mild.	Fair to dull, local mist and rain.	Var.	Rough.
2. E. England	SW-W 20-35	"	Cloudy or dull.	Good.	Mod.
3. E. Midlands	WSW 25-30.	"	Cloudy or dull.	Fair.	-
4. W. Midlands	WSW 25-30.	"	Cloudy or dull.	"	-
5. S.W. England	SW-NW 25-35	r.mild.	Fine to dull, local squalls.	"	r.rough
6. South Wales	W. 30-40	"	Cloudy, squally.	"	Rough.
7. North Wales	WSW 40-50	"	Cloudy, squally.	"	High
8. N.W. England	WSW 35-50.	Mild.	Dull, local squalls.	Ord.	"
9. N. Midlands	SW-W 25-35.	"	Cloudy or dull.	Good.	-
10. N.E. England	SW-W 35-45	"	Fine to dull, local squalls and mist.	Fair	r.rough
11. E. Scotland	WSW 20-35	"	Dull, local mist and squalls.	"	Mod.
12. S.W. Scotland	SW-W 35-45	r.mild.	Cloudy or dull, local rain.	"	r.rough
13. Isle of Man	WSW 30-35	"	Dull, local rain.	"	rough
14. N. & N.W. Scotland	W-NW 35-45.	"	Dull, local mist.	Ord.	Mod.
15. Hebrides	NW 35-40	r.cold.	Cloudy, with thunder and hail, squally.	"	r.rough
16. Orkneys and Shetlands	NW-N 50-60.	"	Dull, local snow, mist and squalls.	Poor.	rough.
17. N.W. Ireland	NW 15-20	Mod.	Fair.	Good.	r.rough
18. N.E. Ireland	SW-NW 25-35	r.mild.	Cloudy or dull, local rain.	Ord.	"
19. S.E. Ireland	SW-W 25-35	"	Dull, local rain.	Fair.	rough.
20. S.W. Ireland	WNW 15-30.	"	Fine to cloudy.	Good.	r.rough

GENERAL INFERENCE from observations received up to 9 a.m.

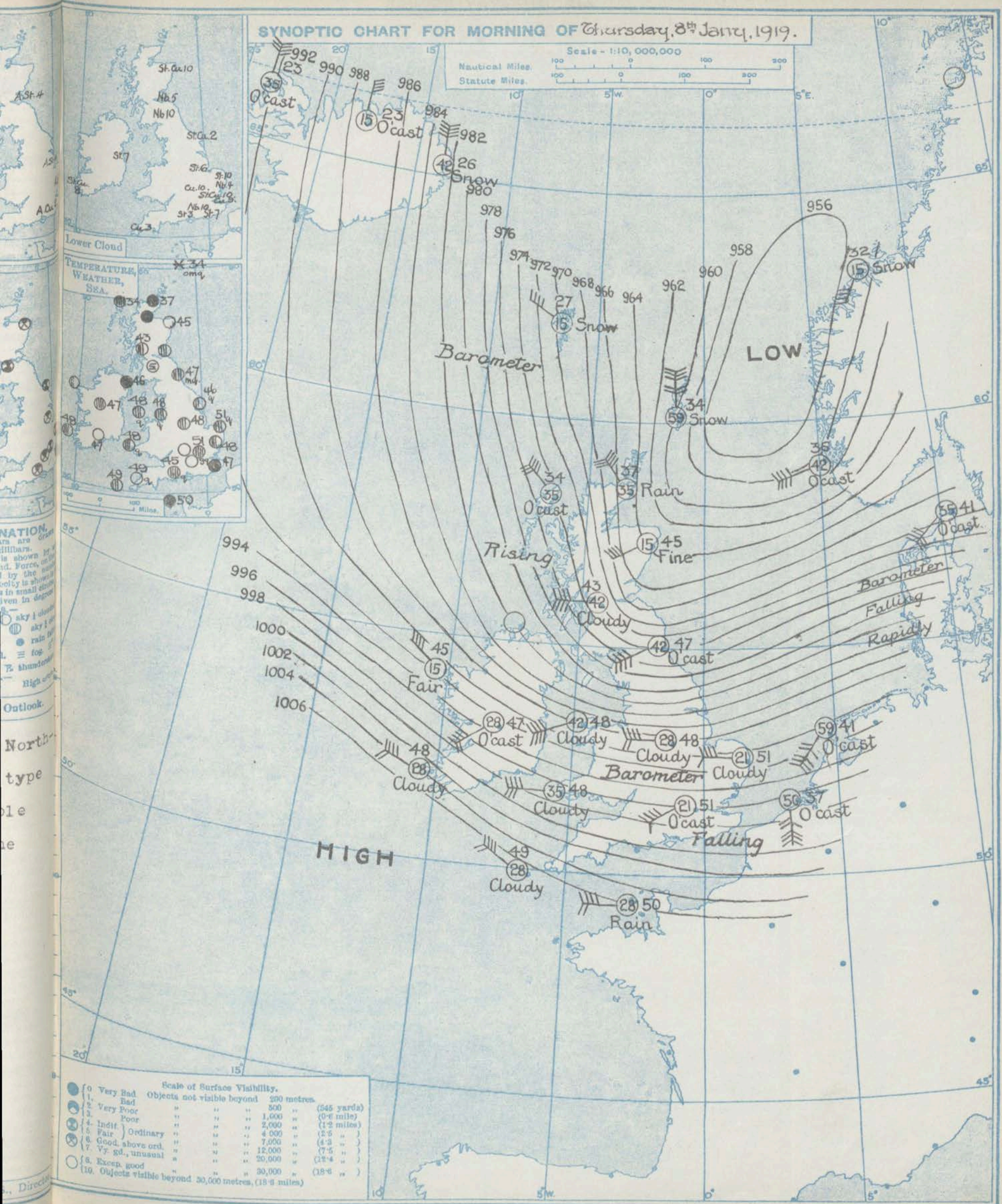
A very deep depression between North Scotland and Scandinavia is moving South-Eastward. Squally, showery weather is probable generally, with strong winds or gales between W. and N.

EXPLANATION.
 BAROMETER.—Barobars are drawn at intervals of five millibars.
 WIND.—Direction is shown by a flag with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.
 TEMPERATURE.—Temperature is given in degrees.
 WEATHER SYMBOLS.—
 ○ clear sky. ○ sky & clouds.
 ● overcast sky. ● rain.
 * snow. * hail. = fog.
 T thunder. T thunder.
 SEA DISTURBANCE.—
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday, 8th January, 1920.	Further Outlook
1. S.E. England	Strong W. to NW. winds or gales, moderating later. Changeable, fair intervals, some showers. Squally. Visibility good. Temperature falling again.	A cold North-Western type is probable beyond the forecast period.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	Strong winds or gales from between W. and NW. or N. moderating. Changeable, fair intervals, some showers, hail locally. Squally. Visibility good. Temperature falling again.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Strong winds or gales from NW. or N., moderating. Changeable some showers of hail or snow. Visibility good. Cold.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland	Strong to moderate North-Western winds. Changeable, some showers, hail locally. Visibility good. Colder.	
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR MORNING OF Thursday, 8th Jan'y, 1919.

Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200
5°W. 0° 5°E.



WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8TH JANUARY.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.
Scotland.								England, N.W.							
Oban	ot	ot	48	36	0.3	19	0.0	Douglas (I.O.M.)							
Banff								Blackpool	o	o	44	29	-	-	0.0
Montrose								Southport	o	o	48	29	-	-	0.0
St. Andrews	*	*	48	36	-	-	0.0	England, N.E.							
Harrogate	o	o c o	44	35	0.1	-	0.0	Buxton			39	23	-	-	0.0
Scarborough	of	of	42	28	-	-	0.3	Leamington Spa	*	*			-	-	0.0
Skegness	f o c	om	35	24	-	-	0.0	Malvern					-	-	0.2
England, E.								Ross-on-Wye	c om	c om	43	22	-	-	0.2
Lowestoft	bc	bc c o	34	25	-	-	3.1	Rhyl			50	31	-	-	0.0
Felixstowe	ogm	bc m	33	26	-	-	1.1	Colwyn Bay	*	*	57	32	-	-	0.0
Southend-on-Sea	o c bc	bc b	35	24	-	-	1.5	Llandudno	o	o	48	39	-	-	0.0
England, S.E.								Aberystwyth					-	-	3.7
Tunbridge Wells	om c	bc om	35	21	-	-	1.1	Weymouth	bc c	bc	45	23	-	-	3.7
Margate	c	b	34	25	-	-	0.0	Teignmouth					-	-	3.7
Ramsgate	o	o	34	25	-	-	0.2	Torquay	bc b	b bc	43	27	-	-	3.6
Folkestone	m	o	36	27	-	-	1.3	Paignton	bc	bc	45	24	-	-	0.5
Hastings	f	bc b	35	25	-	-	0.7	Penzance	bc c	c o d	50	32	-	-	1.6
Eastbourne	o c	c bc	42	25	-	-	0.8	Newquay	o bc	bc om	48	31	-	-	1.4
Brighton	o	o c b	40	22	-	-	0.0	Bude	o c bc	c o	45	20	-	-	0.0
Worthing	m	m	31	23	-	-	0.0	Ilfracombe	o c bc	c o	39	22	-	-	0.0
Littlehampton	bc	o	41	38	-	-	3.0	Weston-s-Mare	m c	c	42	23	-	-	0.0
Bournemouth	*	*	40	21	-	-	3.5	Bath	m	m bc			-	-	0.0
Ventnor (I. of W.)	*	*	42	21	-	-									

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.
	7h-12h.	12h-18h.	18h-7h.	1h-7h.				Day. 7h-18h.	Night. 18h-7h.	
Eskdalemuir	o f f o d m	om	o f o t f o m q	o t m q o t	47	36	38	7	11	0.0
Valencia (Cahirovee)	om d	om p d	d o c	d o c	53	47	44	2	-	0.0
Baldonnell	o q	o q	c u	q y	-	-	-	-	-	*
Anglesey (Llangefni)								*	*	*
Falmouth	o c bc	bc m d	o d q	d q bc q	51	32	46	1	2	1.1
Calshot (Hants)	om	bc c l	o q	bc c	49	21	32	-	5	5.7
Lympne (Folkestone)	b of	of o	o q	z f	-	-	-	*	*	*
Aberdeen	om	om q	o f bc o		50	35	38	-	0.4	0.0
East Fortune	om q	o q	q		55	40	*	*	*	*
Flamborough Head	q of	f	b bc		53	33	*	*	*	*
Felixstowe	o t m	c o q	p	q y	51	25	*	*	*	*
Cranwell (Lincs)	om c l	om o t m	o c	o f y	51	23	*	*	*	*
Shaeboryness	o f o f b f	b f	b f c o		51	29	29	-	-	3.0
Benson	o m o	bc c	o		50	20	34	-	-	*
London (Kew Obsy.)	om m	om	om o d	o q q	51	23	33	-	0.3	1.5

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog.
g gloom.
h hail.
i lightning.
m mist.
n overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, i.e., rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0 = slight, 2 = heavy. Underlining is used to express continuity.

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.2
7	32-38	13.3-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-32.6
12	Above 75	32.7 or above

SYMBOLS—

Aurora Δ Solar halo \odot
Rime \pm Lunar halo \odot
Glazed frost \sim Solar corona \odot
Glazed roads \sim Lunar corona \odot

LONDON OBSERVATIONS.

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED 9h G.M.T. 8 TH								YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	8 TH AND 9 TH JANUARY 1920			
												Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Observatory)	o.c. bc.	bc c.o	c.c.d.c.	51	22	31	0.3	2.0	84	70	Total 195 Joules.	Yarmouth...	8.4	12.0	3.56
City (Bunhill Row)	*	*	*	*	*	*	*	0.0	*	*			8.3	12.0	3.57
Westminster (St. James's Park)	*	*	*	52	23	22	0.4	0.0	88	68	Milliwatts.	Greenwich	8.6	12.7	4.8
" (Admiralty Arch)	om.c.	of	oq.b.cq.	50	24	*	0.2	0.0	78	68			8.5	12.7	4.9
Camden Sq. (British Rainfall)	om	om	*	51	22	31	1	*	97	76	Average Rate. 6.8	Wick	9.0	12.19	3.38
Kensington Palace	ox	a	*	52	21	33	1	*	92 (84)	77			8.59	12.14	3.40
Hampstead Observatory	x.o.b.	o.c. bc.	bc	49	19	17	1	0.6	*	75	Maximum Rate. 15	Valencia	8.49	12.48	4.46
													8.48	12.48	4.46

NOTES ON THE WEATHER OF YESTERDAY.

Sunshine records were poor. Jersey reported 4.5 hours and Torquay and Weymouth 3.7 hours. Little rainfall was experienced in England but in Scotland, Stornoway reported 28 m.m. of rain, Nairn 19 m.m., Wick 18 m.m., and Lerwick 17 m.m. Maximum temperatures reached or exceeded 50° fairly generally, a large rise occurring in S.E. England during the night.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 2332.B

FRIDAY, 9TH JANUARY.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.
			Dirce.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dirce.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.	
			13H. G.M.T. OF 8 TH														18H. G.M.T. OF 8 TH											
Eskdalemuir ...	994.9	+7	WNW	7	bg	36	82	7	-	Nb	3	-	-	*	995.5	+4	WNW	4	bcq	33	82	6	-	Nb	5	-	-	*
Valencia (Cahire'n)	1003.4	-1	W	6	cg	46	75	7	2-3000	Cu	7	-	-	6	1004.1	0	W	6	bcq	43	82	4	2-3000	St	4	-	-	5
Baldonnell ...	995.2	0	W	5	od	41	92	5	1-1500	St Cu	10	-	-	*	996.6	+3	W	6	od	35	92	3	1-1500	St Cu	10	-	-	*
Anglesey (Llangefni)																												
Falmouth ...	1004.8	0	W	6	cg	43	85	4	-	Cu Nb	7	-	-	*	1005.1	+1	WNW	5	bg	42	82	4	-	Cu Nb	3	-	-	*
Calshot (Hants) ...	999.7	+1	W	6	0	49	75	6	1-1500	St	10	-	-	4	1000.1	+1	W	4	b	43	82	7	2-3000	St	1	ASr	1	3
Capel (Folkestone)	995.4	0	WSW	8	cg	47	75	6	1-1500	St Cu	8	-	-	4	997.3	0	WSW	5	bcv	41	92	8	1-1500	St	3	-	-	3
Aberdeen ...	999.7	+6	WNW	5	0	45	85	7	-	St	2	ASr	7	4	992.4	+3	W	5	b	35	75	7	-	St	1	ASr	1	4
East Fortune ...	992.3	+7	WNW	4	ots	37	82	6	2-3000	Nb	6	ASr	3	*	985.9	+4	W	5	bcq	36	82	-	4-5000	St Cu	4	-	-	*
Flamborough Hd.	995.0	+10	WNW	9	bc	44	85	7	3-4000	St Cu	3	ASr	1	9	988.4	+5	W	5	bcq	34	89	6	2-3000	St	3	-	-	3
Felixstowe ...	992.6	0	WNW	5	cg	49	75	6	1-1500	St	10	-	-	5	988.4	+5	W	5	bcq	37	87	6	2-3000	St	3	-	-	3
Cranwell (Lincs)	990.2	+6	W	5	bc	45	75	7	1-2000	St Cu	4	ASr	2	*	995.0	+2	WSW	4	bc	37	92	6	2-3000	St	3	ASr	1	4
Shoeburyness ...	994.8	0	W	8	c	53	65	4	1-1500	Fr Cu	5	ASr	3	*	995.7	+1	WSW	7	bef	45	75	2	1-1500	Fr Cu	6	-	-	*
Benson ...	995.1	0	W	9	c	44	75	5	-	-	-	-	-	*	994.2	+1	W	2	0	41	82	6	-	Cu	7	-	-	*
London (Kew Obs.)	996.2	0	WNW	6	cg	49	65	6	3-4000	St Cu	9	-	-	*	994.0	0	W	5	cg	45	75	6	3-4000	St Cu	6	ASr	3	*
1H. G.M.T. OF 9 TH												7H. G.M.T. OF 9 TH																
Eskdalemuir ...	993.3	+4	WNW	4	b	29	75	8	-	St Cu	1	-	-	*	998.4	+4	W	3	b	29	82	7	-	Cu	2	-	-	*
Valencia (Cahire'n)	1006.4	+2	NW	8	bcq	39	85	8	-	St Cu	9	-	-	*	1009.8	+2	WNW	5	cg	44	65	10	3-4000	Cu	7	-	-	3
Baldonnell ...	999.5	+3	W	5	cg	35	92	3	1-2000	St Cu	9	-	-	*	1005.2	+3	SW	4	bx	37	92	3	1-2000	Fr Cu	2	-	-	3
Anglesey (Llangefni)																												
Falmouth ...	1006.1	+1	WNW	4	0	42	75	6	-	Cu Nb	9	-	-	*	1010.3	+4	NW	3	bcz	41	75	6	-	Cu	2	St Cu	2	*
Calshot (Hants) ...	990.9	0	W	3	b	41	87	3	-	-	-	-	-	3	1005.3	+3	W	3	by	38	82	7	2-3000	St	1	-	-	3
Capel (Folkestone)	997.9	0	SW	6	c	32	87	8	2-3000	Nb	6	ASr	1	*														
Aberdeen ...														*	994.0	+2	W	4	b	32	75	7	-	-	-	-	-	3
East Fortune ...	992.4	+4	W	2	c	33	87	-	4-5000	St Cu	4	ASr	4	*	996.2	+4	W	3	b	32	87	-	3-4000	St	1	-	-	*
Flamborough Hd.	991.8	+3	WNW	4	b	36	75	6	3-4000	St Cu	2	ASr	1	*	996.2	+3	WNW	4	b	31	82	7	3-4000	St Cu	3	1-	-	3
Felixstowe ...														*	1001.3	+6	W	4	bc	38	92	2	1-2000	St	4	-	-	3
Cranwell (Lincs)	995.0	+2	W	4	0	34	98	5	2-3000	St	6	ASr	3	*	1000.4	+4	W	4	bc	33	98	4	2-3000	-	-	-	-	3
Shoeburyness ...														*	999.5	+7	NW	2	cd	37	87	7	1-1500	Fr Cu	6	ASr	2	*
Benson ...														*	1003.2	+6	W	2	bc	35	87	7	-	Cu	5	-	-	*
London ...														*	1003.3	+7	W	3	c	38	75	5	2-3000	St Cu	6	ASr	2	*
(M.O. at 10.)	997.4	+1	-	-	-	-	-	-	-	-	-	-	-	*														

STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.

STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Direc.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
18H. G.M.T. of 8 TH						7H. G.M.T. of 9 TH						24 HOURS ENDED 7H. 9 TH						8 TH			
Lerwick	995.8	31	NW	4	-bc	988.6	+6	24	SW	4	-	oms	3	1	45	28	bcm	bcm			
Stornoway	986.2	33	NW	3	-bc	993.1	+1	31	-3	NW	1	-	bch	1	2	56	1	bch	bch	bch	0.5
Castlebay (Barra)	989.1	36	NW	3	0	995.7	0	38	WNW	4	-	0	4	9	40	32	opsp	opsp	c spco	0.2	
Glasgow	988.3	33	W	8	-b	995.1	+4	32	-7	WSW	2	-	b	1	43	30	opsp	opsp	bx	0.2	
Main Head	996.4	39	NW	7	ctg	1003.1	+3	35	-10	WNW	4	-	b	2	46	36	ctg	ctg	bch, bc	*	
Blacksod Point	1002.4	42	W	4	-bc	1009.3	+3	38	-9	NW	3	-	b	3	47	37	bch	bch	b, bc, b	*	
Roche's Point	997.5	38	SW	3	c	1005.6	*	34	-13	W	1	-	c	3	47	33	ch	ch	ex	0.0	
Birr Castle	992.7	40	W	4	cmg	1001.3	+5	35	-11	W	4	NW	bch	3	46	34	bch	bch	bch	*	
Donaghadee	992.4	41	W	6	0	1000.7	+4	38	-9	WNW	5	N	b	5	50	35	0	0	ots, bc	0.0	
Liverpool (Widston)	994.6	42	W	6	cg	1002.7	+5	40	-8	WNW	6	NW	c	6	48	36	cg	ots, cg	ch, cg	0.5	
Holyhead	998.9	45	W	8	cg	1006.1	+5	43	-5	W	5	W	cg	5	48	42	cg	cg	cg, bcg	2.2	
Pembroke (St. Ann's Head)	1006.2	49	WNW	4	c	1011.3	+3	47	-5	WNW	6	W	bc	6	50	40	c, bcw	c, bcw	c, bc, b	3.2	
Scilly (St. Mary's)	1005.7	48	WSW	5	0	1009.3	+1	43	-7	W	6	-	b	4	52	40	0, c, c	ots, c	c, bc, b	0.2	
Jersey (St. Aubin)	1001.4	47	W	6	bch	1006.1	+4	43	-5	WNW	6	NW	bc	6	50	40	0, bc	bch	bc	*	
Portland Bill	997.0	44	WSW	5	-b	1001.6	*	35	-13	W	4	-	b	4	48	34	0, bc	cg, bc	c, bc, b	*	
Dungeness	980.3	34	NW	5	bch	991.5	+2	29	-8	NW	1	-	bc	2	38	25	cm, bcg	cm, bcg	bch, bc	*	
Wick	984.9	30	WNW	3	-bc	994.0	*	33	-19	-	0	-	bc	1	27	27	0, sp, bc	cg, sp, bc	bch, bc	0.7	
Nairn	986.2	35	W	2	b	995.9	+2	32	-14	WSW	2	-	b	2	47	31	c, bc, bc	bc, bc	bc, bc, b	*	
Leith	986.7	37	WSW	3	om	997.5	+3	32	-15	W	3	-	b	3	47	31	om	om	bcm, bcw	*	
Tynemouth	989.2	41	WNW	6	bc	998.4	+8	36	-10	WNW	3	-	b	4	46	34	bc	bc	cg, bc	*	
Spurn Head	991.5	42	W	2	-b	998.9	+5	35	-16	NW	3	-	bc	3	52	34	bc, mc	bcm	bcm	2.6	
Yarmouth (Gorleston)	995.3	42	WNW	5	+	1002.9	+4	36	-12	WNW	3	NW	bc	3	50	35	c, bc	ch, or	ots, bc	0.9	
Clacton-on-Sea	993.2	39	W	3	-b	1001.0	*	34	-14	W	2	NW	ch, sp	4	49	33	ch, c	0, c	bc, c	0.2	
Nottingham																					

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longitude at 1H.

SUMMARY OF CONDITIONS AT 7 A.M. Friday, 9th January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W-NW. 10-15	Mod.	Fair to fine.	Good	Mod.
2. E. England	W-NW. 5-10	"	Cloudy to fair.	Ord.	"
3. E. Midlands	W. 5	R.cold	Cloudy.	"	"
4. W. Midlands	W. 5-10	Mod.	Cloudy to fair.	"	"
5. S.W. England	NW. 20-30	"	Fair some haze.	"	R.rough
6. South Wales	W. 25	"	Cloudy, squally.	Good	"
7. North Wales	NW. 25-30	"	" "	"	Rough
8. N.W. England	NW. 20-25	"	Fair	Ord.	R.rough
9. N. Midlands	W. 5-10	"	Cloudy	"	"
10. N.E. England	NW. 10-15	R.cold	Fine, some haze.	Good	Slight
11. E. Scotland	W. 5-10	"	Fine	"	"
12. S.W. Scotland	W. 5-10	"	Fine	"	"
13. Isle of Man	W. 5-10	"	Fair to fine.	Ord.	R.rough
14. N. & N.W. Scotland	NW. 0-2	Cold	Fair.	"	Smooth
15. Hebrides	NW. 2	"	Fair.	"	V. smooth
16. Orkneys and Shetlands	NW. 2	R.cold	Fair	"	Smooth.
17. N.W. Ireland	NW. 10-15	Cold	Fair	"	"
18. N.E. Ireland	W. 10-15	R.cold	Fair, line squall.	Indiff.	Slight
19. S.E. Ireland	W-NW. 5-10	"	Fine	Ord.	R.rough
20. S.W. Ireland	NW. 15-25	Mod.	Cloudy.	V. good	Mod.

GENERAL INFERENCE from observations received up to 9 a.m.

The barometer is rising generally over the British Isles, where pressure is highest to the south-west and lowest to the north-east. Fair weather with local rain or snow showers is probable generally.

EXPLANATION.
BAROMETER.—Figures are intervals of 0.1 millibars.
WIND.—Direction is shown by flying with the wind. Force, on a scale of 0-12, is indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.
TEMPERATURE is given in degrees.
WEATHER SYMBOLS.
 ○ clear sky. ○ sky & clouds. ○ sky & rain.
 ⊙ overcast sky. ⊙ rain & snow.
 * snow. * hail. ≡ fog.
 T thunder. T thunder.
SEA DISTURBANCE.—Rough. High.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 9th January, 1920
1. S.E. England	Light or moderate Wly. winds, fresh locally. Fair generally, perhaps local showers. Visibility fair to good. Moderate temperature or rather cold.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Moderate or fresh Wly. winds. Fair to cloudy, local showers of rain, sleet or snow. Visibility fair to good. Rather cold.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light or moderate Wly. winds. Fair generally, perhaps local snow or sleet showers. Visibility fair to good. Cold.
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Same as for 6-9
14. N. & N.W. Scotland	Light or moderate NW. to W. or SW. wind. Variable cloud, local snow or sleet showers. Visibility fair to good. Cold.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Moderate Wly. winds, probably backing to SW. later. Variable cloud, local showers of rain, sleet or snow. Visibility fair to good. Rather cold.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

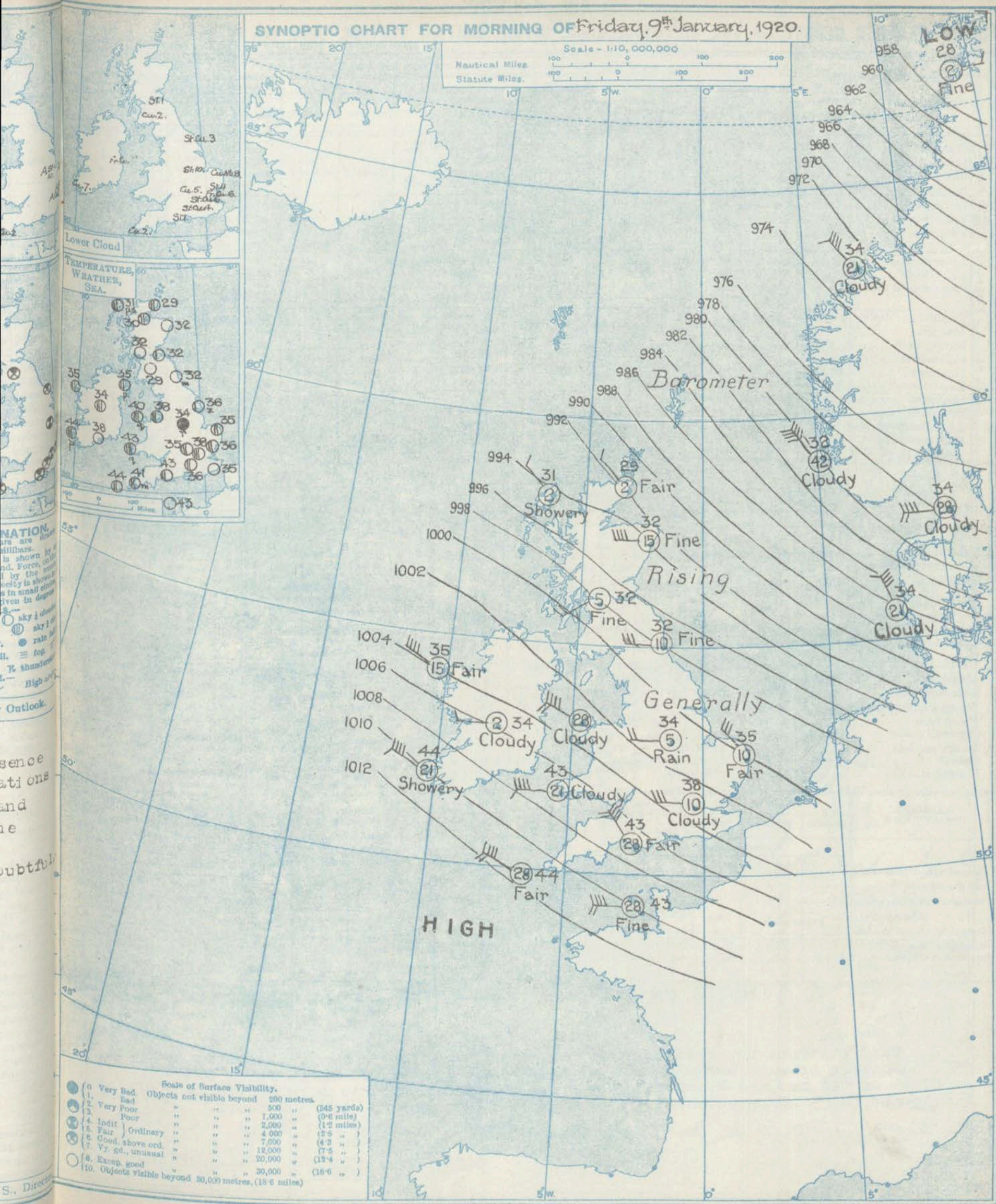
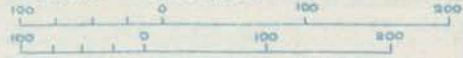
Further Outlook.

The absence of observations from Iceland renders the further outlook doubtful.

SYNOPTIC CHART FOR MORNING OF Friday, 9th January, 1920.

Scale = 1:10,000,000

Nautical Miles
Statute Miles.



Scale of Surface Visibility.

Objects not visible beyond 200 metres.

- | | Objects not visible beyond | 200 metres | (245 yards) |
|----------------------------|-----------------------------|------------|-------------|
| 0. Very Bad. | | | |
| 1. Bad | | | |
| 2. Very Poor | | 500 | (545 yards) |
| 3. Poor | " | 1,000 | (0.6 miles) |
| 4. Indif. | " | 2,000 | (1.2 miles) |
| 5. Fair | " | 4,000 | (2.5 ") |
| 6. Ordinary | " | 7,000 | (4.3 ") |
| 7. Good, above ord. | " | 12,000 | (7.5 ") |
| 8. V. gd., unusual | " | 20,000 | (12.4 ") |
| 9. Excep. good | " | 30,000 | (18.6 ") |
| 10. Objects visible beyond | 50,000 metres, (15.6 miles) | | |

S., Director

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8TH JANUARY.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.
Scotland.								England, N.W.							
Oban	To	cpc	38	37	13	4	0.0	Douglas (I.O.M.)							
Baill	og c	osc bc	31	31	3	-	0.2	Blackpool	c	c	45	31	1	-	1.0
Montrose								Southport	og bc b	c o c o	46	42	0.1	-	0.4
St. Andrews															
England, N.E.								Midlands.							
Harrogate	Oab	c pc bc	52	36	7	1	2.6	Buxton							
Scarborough	bc	bc	52	38	-	-	3.7	Leamington Spa ...	o bc	od sc	49	35	-	1	2.1
Skegness	ot b	b	49	31	1	-	3.2	Malvern							
								Ross-on-Wye	og c q p	bc q c q	48	40	-	0.4	1.4
England, E.								Wales.							
Lowestoft	C bc	bc c	51	35	-	-	2.0	Rhyl	q	c q	42	41	-	1	0.0
Felixstowe	bc q	c q p	50	34	-	-	1.6	Colwyn Bay	*	*	48	40	-	-	0.1
Southend-on-Sea ...	oc q	bc q	49	32	-	-	1.0	Llandudno	o	og	49	40	-	0.4	0.0
								Aberystwyth	To c	c o	46	41	-	*	0.3
England, S.E.								England, S.W.							
Tunbridge Wells ...	o c bc	bc	50	32	-	-	1.6	Weymouth	b bc c q	c p bc q	50	44	0.4	0.3	2.0
Margate	c	c	51	37	-	-	0.0	Teignmouth							
Ramsgate	o	o	50	41	-	-	0.0	Torquay	b bc	bc c b	50	29	-	1	3.9
Folkestone								Paignton	bc q	bc p q b	55	44	1	0.2	3.5
Hastings	or bc	bc	49	42	1	-	1.1	Penzance	c	c p q	51	41	2	1	1.5
Eastbourne	c	c bc	49	43	2	1	1.3	Newquay	c	c p q	48	44	-	2	1.1
Brighton	c	c bc	48	23	1	1	1.0	Bude	o bc	bc q	50	33	2	-	3.4
Worthing	bc c	c	48	29	0.1	-	0.3	Ilfracombe	o c o	o	49	40	1	-	5.0
Littlehampton	o c	bc	49	42	1	-	0.6	Weston-s-Mare ...							
Bournemouth	*	*	49	27	1	-	3.9	Bara	o c bc	o c bc b	51	40	*	*	0.2
Ventnor (I. of W.) ...	*	*	49	41	0.1	-	3.0								

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.		
	7h-12h ^{PM} .	12h-18h ^{PM} .	18h ^{PM} -7h ^{AM} .	1h-7h ^{AM} .				Day. 7h-12h.	Night. 12h-7h.			
								mm.	mil.			
Eskdalemuir	og p p r q	b q o p s m q	b c q b	b	43	28	25	3	-	0.6	b blue sky (not more than a quarter covered).	
Valencia (Cahirciveen) ...	c b p y q	c b c p q	b c p o		48	38	35	1	3	2.5	bc sky partly cloudy (one half covered).	
Baldonnel	q r	q r	b c c q	b c c q	45	34	*	2	*	*	c generally cloudy (three quarters covered).	
Anglesey (Llangefni) ...								*	*	*	d drizzle, or fine rain.	
Falmouth	b c q c q	c b c p q	b o p c q	c p q b c	49	40	36	1	2	1.6	e wet air with or rain falling.	
Calshot (Hants)	c o q	p q	b c c	b b c	49	36	35	5	-	1.5	f fog. g gloom.	
Capel (Folkestone)	c o q	c o v	q o c								h hail. i lightning.	
Aberdeen	o c p q	c q b c b	b q s p		47	31	26	-	0.1	0.1	m mist. o overcast sky.	
East Fortune	p r s q	q c o	z. W	W b c c.	47	31	*	*	*	*	p passing showers.	
Flamborough Head	b b q c	b c c q	b b c q	b b c q.	50	31	*	*	*	*	q squalls. r rain.	
Felixstowe	c q		q h.		51	36	*	*	*	*	rs sleet, i.e., rain and snow together.	
Cranwell (Lincs)	r s q	c o	b c c o	c b c c.	47	31	*	-	*	*	s snow. t thunder.	
Shoeburyness	c b b c c	b c c m	b c b c d.		50	36	31	-	7.5	?	u ugly, threatening sky.	
Benson	o c	b c	c h b c		50	35	29	-	0.2	*	v unusual visibility.	
London (Kew Obs.)	q q c q b c	c q b c q	b b c b.		51	37	32	-	-	1.3	w dew. x hoar frost.	
	c q o q										y dry air; humidity less than 60 per cent.	
											z dust haze; the turbid atmosphere of dry weather.	

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=light, 2=heavy. Underlining is used to express continuity.

SYMBOLS—

Aurora	☆	Solar halo	☉
Rime	☼	Lunar halo	☽
Glazed frost	☼	Solar corona	☉
Glazed roads	☼	Lunar corona	☽

LONDON OBSERVATIONS.	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain-fall. mm.	Sun-shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED 9h G.M.T. 9 TH JANUARY.							YESTERDAY.	TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	9 TH AND 10 TH JANUARY, 1920			
Greenwich (Royal Observatory)	c	c	c bc bc	50	36	27	-	2.1	7	80		Total 2.45 Joules.	Stations.	Sunrise.	Noon.	Sunset.
City (Banhill Row)	*	*	*	*	*	*	*	0.5	*	*	G.M.T.		G.M.T.	G.M.T.	
Westminster (St. James's Park)	*	*	*	51	36	28	-	2.0	66	81	Average Rate. 85	Yarmouth ...	8.3	12.0	3.57
" (Admiralty Arch)	bc q.	bc q.	bc	52	38	*	-	1.6	65	77		Greenwich ...	8.3	12.1	3.59
Camden Sq. (British Rainfall)	bc.	bc.	*	51	35	31	-	*	68	85	Maximum Rate. 2.4	Wick ...	8.5	12.7	4.9
Kensington Palace	c.	c.o.	*	51	36	30	-	*	73 (W)	82		Valencia ...	8.59	12.8	4.11
Hampstead Observatory.	bc p f.	b.	bc x	48	34	25	1	2.1	*	85					

NOTES ON THE WEATHER OF YESTERDAY.

Many stations reported maximum temperatures of 50° and over, Paignton reaching 55°. Showers or rain were reported from most districts. Blackpool had a rainfall of 5.0 mm. and Clacton-on-Sea 5 mm. Sunshine amounts were generally poor. Ilfracombe had 5 hours sunshine and Torquay and Bournemouth each 3.9 hours.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 2133 B

SATURDAY, 10TH JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																																								
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. Feet.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. Feet.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.												
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.															
13H. G.M.T. OF 9 TH																																								
Eskdalemuir ...	1000.1	0	SW	4	om	32	92	5	1-1500	Nb	10	-	-	*	998.7	-2	WSW	4	om	33	92	4	-	-	St	9	-	-	*											
Valencia (Cahire'n)	1003.8	-4	SW	3	o	45	75	8	2-3000	St	5	A.St	5	4	999.0	-13	SSE	5	ot	47	97	5	1-1000	St	10	-	-	5												
Baldonnell ...	1006.1	+1	WSW	4	c	39	87	4	1-1500	St	2	Ci	5	*	1003.5	-4	WSW	5	ot	39	92	3	1-1000	St	10	-	-	*												
18H. G.M.T. OF 9 TH																																								
Anglesey (Llangefni)	1012.6	0	WNW	4	b	47	65	7	-	St	2	-	-	*	1010.4	5	WSW	2	od	43	92	5	-	-	Nb	10	-	-	*											
Falmouth ...	1012.9	+2	SW	3	c	47	75	6	2-3000	St	6	Ci	1	3	1010.7	+2	WSW	3	bc	40	82	5	2-3000	St	4	-	-	3												
Calshot (Hants) ...	1007.4	+2	W	4	bz	40	75	6	1-1500	Cu	1	-	-	4	1013.0	0	W	3	c	32	82	6	-	-	-	-	-	-	*											
Capel (Folkestone)	1007.4	+2	W	4	bz	40	75	6	1-1500	Cu	1	-	-	4	1013.0	0	W	3	c	32	82	6	-	-	-	-	-	-	*											
Aberdeen ...	994.8	-1	SW	3	b	36	55	7	-	-	-	-	-	*	993.2	-1	WSW	4	bz	35	75	6	-	-	-	-	-	-	3											
East Fortune ...	997.7	-2	WSW	4	bc	38	75	5	2-3000	St	5	-	-	*	994.5	-1	WSW	5	b	34	87	7	2-3000	St	2	-	-	-	*											
Flamborough Hd.	999.8	0	W	4	b	37	82	7	4-5000	Cu	1	A.St	1	7	1000.3	0	WSW	5	bz	36	82	3	-	-	-	-	-	-	*											
Felixstowe ...	1006.5	+1	W	4	b	42	87	6	1-2000	St	2	-	-	3	1008.8	+2	SSW	2	bc	37	92	6	1-2000	St	4	-	-	3												
Cranwell (Lincs)	1002.4	+2	WSW	4	bcz	39	87	5	2-3000	St	1	Ci	3	*	1005.4	0	WSW	5	c	36	82	6	2-3000	St	3	M	Cu	4												
Shoeburyness ...	1007.0	+5	WNW	2	b	43	75	7	2-3000	Cu	1	-	-	*	1006.2	+1	NW	2	bz	38	75	2	4-5000	-	-	-	-	-	*											
Benson ...	1007.4	+2	W	3	bc	42	75	8	-	-	-	-	-	*	1008.6	0	WSW	3	b	37	82	6	-	-	-	-	-	-	*											
London (Kew Ob.)	1008.0	+2	WNW	3	bc	41	75	6	2-3000	St	4	-	-	*	1009.2	0	WSW	3	b	39	82	5	-	-	-	-	-	-	*											
1H. G.M.T. OF 10 TH																																								
Eskdalemuir ...	994.3	-4	SSW	1	om	34	87	5	1-1500	St	10	-	-	*	987.0	-5	ENE	1	om	33	98	5	1-1500	Nb	10	-	-	-	*											
Valencia (Cahire'n)	991.4	-6	W	5	om	51	*	*	*	*	*	*	*	*	985.8	-7	SW	6	ot	52	92	7	-	-	St	9	-	-	*											
Baldonnell ...	991.9	-9	-	0	ot	40	96	3	1-2000	St	10	-	-	*	983.1	-12	SW	6	ot	50	98	3	1-1500	St	10	-	-	-	*											
Anglesey (Llangefni)	1001.9	-3	SW	8	og	50	92	3	-	Nb	10	-	-	*	996.9	-5	WSW	7	ot	51	92	3	-	-	Nb	10	-	-	*											
Falmouth ...	1001.1	-6	SSW	3	ot	44	98	3	1-2000	Nb	10	-	-	4	996.6	-3	SSW	5	ot	49	98	2	2-3000	Cu	10	-	-	3												
Capel (Folkestone)	1001.1	-6	SSW	3	ot	44	98	3	1-2000	Nb	10	-	-	4	996.6	-3	SSW	5	ot	49	98	2	2-3000	Cu	10	-	-	3												
Aberdeen ...	993.0	-4	WSW	2	bc	36	92	-	2-4000	St	4	Ci	2	*	989.1	-2	W	2	om	30	92	5	-	-	-	-	-	-	2											
East Fortune ...	993.0	-4	WSW	2	bc	36	92	-	2-4000	St	4	Ci	2	*	987.3	-5	ENE	1	o	34	92	-	2-3000	Nb	4	A.St	5	*												
Flamborough Hd.	993.2	-7	SSW	3	ot	38	98	4	1-1500	Nb	10	-	-	3	992.7	-4	SW	4	ot	46	98	3	1-1000	Nb	10	-	-	2												
Felixstowe ...	993.4	-3	SSW	3	ot	36	98	4	1-1500	Nb	10	-	-	*	989.2	-6	SE	3	ot	34	98	4	1-1000	Nb	10	-	-	*												
Cranwell (Lincs)	993.4	-3	SSW	3	ot	36	98	4	1-1500	Nb	10	-	-	*	993.3	-3	SSW	3	om	50	92	4	1-1000	Nb	10	-	-	*												
Shoeburyness ...	993.4	-3	SSW	3	ot	36	98	4	1-1500	Nb	10	-	-	*	991.4	-4	SW	4	od	50	92	-	-	-	-	-	-	-	*											
Benson ...	993.4	-3	SSW	3	ot	36	98	4	1-1500	Nb	10	-	-	*	993.2	-3	WSW	4	od	49	92	4	1-1000	St	10	-	-	-	*											
London (Kew Ob.)	1000.5	-10	-	-	-	-	-	-	-	-	-	-	-	*	993.2	-3	WSW	4	od	49	92	4	1-1000	St	10	-	-	-	*											
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																																								
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER. at M.S.L. mb.	TEMPERATURE.		WIND.		Dir.	Force 0-12.	Dir.	Weather.	Sea.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.																		
			Change in 3 hours.	Temp. °F.			Change in 24 hours.	Dir.	Force	Max. °F.							Min. °F.	Morning.	Afternoon.	Night.																				
18H. G.M.T. OF 9 TH																							7H. G.M.T. OF 10 TH								24 HOURS ENDED 7H. 10 TH								9 TH	
Lerwick ...	984.8	33	-	-	om	989.9	-2	23	-6	-	4	-	-	bc	2	0.1	35	22	om	om	bc	*																		
Stornoway ...	991.6	34	N	1	bc	984.9	-4	35	+7	S	4	-	-	c	3	1	38	+	bc	bc	bc	1.0																		
Castletown (Barra Is.)	994.3	38	W	3	op	983.1	-5	40	-	ESE	4	-	-	o	4	2	41	34	o.b.c.	ch.p.	op.b.c.	1.0																		
Glasgow ...	997.4	36	WSW	3	onsp	987.0	-6	34	+2	E	2	-	-	ot	*	2	36	31	c.onsp	c.onsp	o.b.c.	0.5																		
Malin Head ...	996.8	40	W	4	op	980.2	-5	36	?	SE	3	-	-	omd	4	2	45	35	c.p.	c.p.	om	1.7																		
Blacksod Point ...	999.3	42	W	2	od	978.8	-10	50	+15	SW	3	-	-	ot	4	13	51	35	c.p.	c.p.	om	*																		
Roche's Point ...	1004.0	44	SW	3	r	985.3	-8	51	+13	WSW	5	-	-	o	5	6	52	37	b.o	or	r.o.	*																		
Birr Castle ...	1001.9	42	W	1	r	982.9	*	52	+18	W	2	-	-	o	*	10	52	34	ch	ch	or	0.0																		
Donaghadee ...	1001.5	37	WSW	3	bc	984.5	-8	40	+5	SSW	2	-	-	omd	2	5	40	32	bc	bc	omd	*																		
Liverpool (Bidston)	1003.7	40	WSW	5	o	985.3	-7	35	0	SE	2	-	-	f	2	9	43	35	beph	bc.o	or	3.2																		
Holyhead ...	1003.5	42	WSW	5	og	984.7	-8	48	+8	SW	5	-	-	og	4	9	48	37	cq	c.o	or	4.0																		
Pembroke (St. Ann's Head)	1007.0	45	SW	5	og	989.8	-6	50	+7	WSW	7	-	-	og	7	9	50	43	bc	bc.cq	or	2.1																		
Scilly (St. Mary's)	1010.5	46	SW	3	orm	997.3	-6	50	+6	WSW	7	-	-	orm	7	8	50	44	cph	c.orm	orm	2.4																		
Jersey (St. Aubin)	1013.6	46	W	4	o	1002.5	-3	51	+8	W	7	-	-	o	5	3	51	43	bc	bc.o	odmgo	3.5																		
Portland Bill ...	1009.6	45	W	5	bc	996.3	-2	49	+6	WSW	8	-	-	or	7	8	50	+2	bc	bc	or	*																		
Dungeness ...	1009.3	38	W	3	b	995.1	-2	47	+12	SW	6	-	-	r	6	7	48	33	c.b.c.	c.b.	c.otg.	*																		
Wick ...	990.5	33	WNW	3	b	987.5	-3	30	+1	ESE	1	-	-	bc	2	-	34	21	omsp	b	b.b.	*																		
Nairn ...	993.2	33	W	1	bc	986.9	-3	28	-2	-	0	-	-	cgz	1	0.2	35	27	bc.cq	c.b.c.	b.b.	2.5																		
Leith ...	994.9	36	WSW	2	bc	986.8	-3	35	+3	SE	1	-	-	om	2	0.4	37	32	b.b.c.	b.c.c.	b.b.c.	*																		
Tynemouth ...	998.7	38	W	3	om	989.4	-4	36	+4	W	2	-	-	mr	2	-	39	32	om	bc	om	*																		
Spurn Head ...	1003.2	37	SW	4	bc	?	-9	36	0	SE	4	-	-	ot	4	1	39	34	bc	bc	o	*																		
Yarmouth (Gr. Island)	1005.9	37	W	3	bc	992.6	-13	39	+4	SSW	6	-	-	om	6	3	40	33	bc.bcm	bcz	bcz	5.8																		
Clacton-on-Sea	1008.2	38	WSW	3	bc	992.6	-7	47	+11	WSW	3	-	-	om	2	6	47	35	bc.b	b.bcm	bcz	6.8																		
Nottingham ...	1005.2	37	SW	2	b	988.2	*	36	+2	SE	1	-	-	ot	7																									

SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 10th January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW. 15-28	Mild	Dull, some rain or drizzle, gale at Beachy Hd.	Ord.	Rough
2. E. England	SE-SW. 10-20	Var.	Dull, rainy, local mist.	Poor	Var.
3. E. Midlands	SE-SW. 5-15	"	Dull, with rain or drizzle.	Ord.	"
4. W. Midlands	SE-SW. 5-15	R.mild	Dull, local rain.	Poor	"
5. S.W. England	WSW. 35-42	"	Dull, rainy, local mist.	"	High
6. South Wales	WSW. 30-40	"	Dull, squally.	Ord.	"
7. North Wales	SW. 15-25	"	Dull, local mist and squalls.	Poor	Mod.
8. N.W. England	E-SE. 2-10	Moderate	Dull, mist or fog.	V. poor	Smooth
9. N. Midlands	SE. 2-10	"	Dull, some rain.	Ord.	"
10. N.E. England	SE-W. 5-15	"	Dull, some rain & mist.	Poor	Slight
11. E. Scotland	Var. 0-5	R.cold	Dull, local mist or fog.	Poor	Smooth
12. S.W. Scotland	Ely. 0-5	Moderate	Dull, some snow, local mist.	Ord.	"
13. Isle of Man	SE. 0-5	"	Dull, local mist.	Poor	"
14. N. & N.W. Scotland	S-E. 0-5	Cold	Fair to dull.	Ord.	"
15. Hebrides	S. 10-15	Moderate	Cloudy.	Fair	Slight
16. Orkneys and Shetlands	Calm.	V.cold	Fair, some mist.	Ord.	Smooth
17. N.W. Ireland	SW. 10	R.mild	Dull, rainy.	"	Mod.
18. N.E. Ireland	SE-SW. 5-10	Moderate	Dull, misty, drizzling.	Poor	Slight
19. S.E. Ireland	SW-W. 10-20	Mild	Dull, local rain.	Ord.	R.rough
20. S.W. Ireland	SW. 20-30	"	Dull.	Good	Rough

Upper Cloud

Visibility

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of 0.1 millibars.
WIND.—Direction is shown by the arrow flying with the wind. Force, on the Beaufort scale, is indicated by the number 0-12. Mean velocity is shown in feet per hour by figures in small circles.
TEMPERATURE.—Isobars are drawn at intervals of 1°.
WEATHER SYMBOLS.
 ☉ clear sky. ☁ sky & clouds. ☂ sky & rain. ☄ overcast sky. ☇ rain & snow. * snow. ▲ hail. ☐ fog. ⚡ thunder. ⚡ thunder & rain.
SEA DISTURBANCE.—Rough. High.

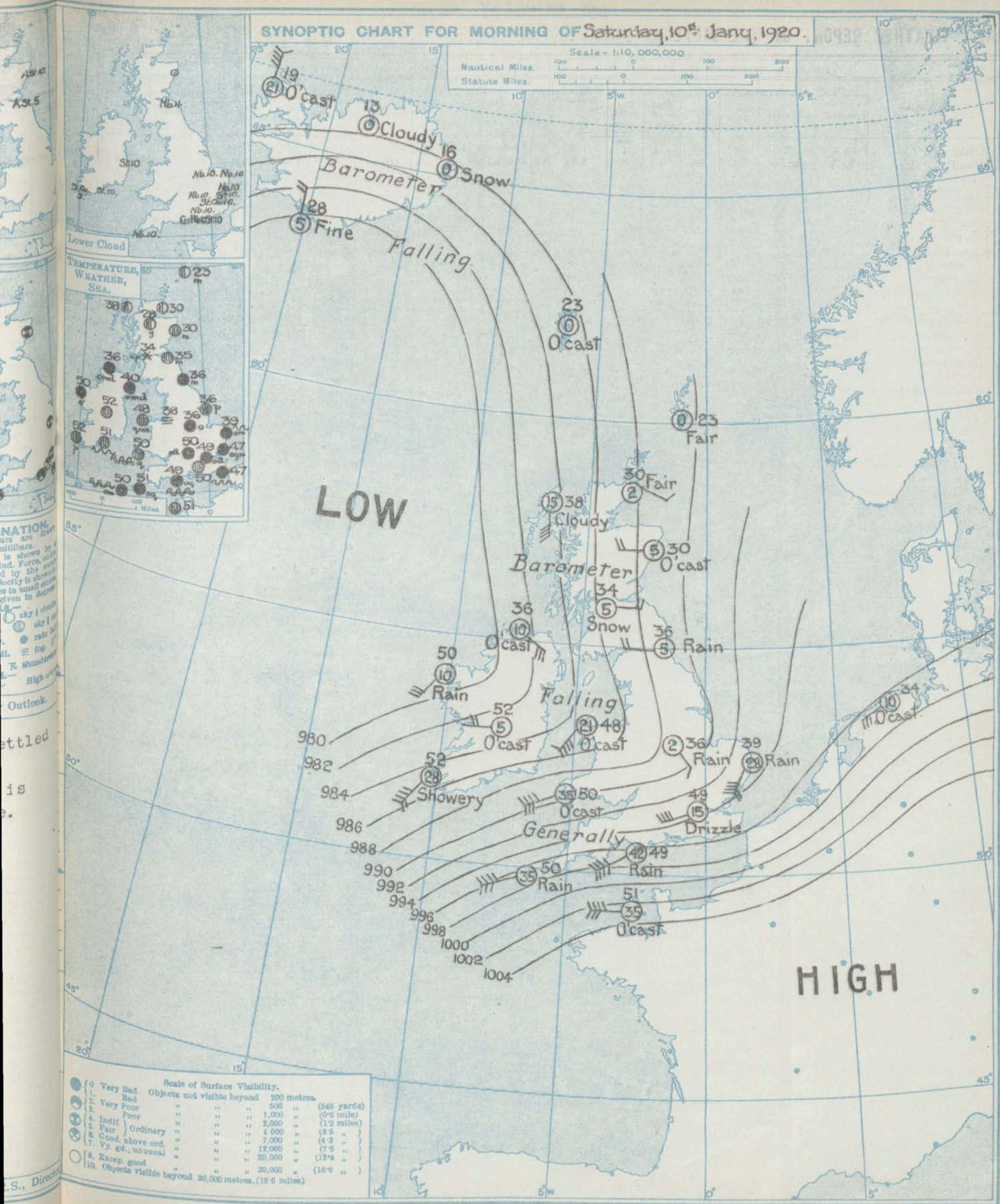
GENERAL INFERENCE from observations received up to 9 a.m.

A large depression centred between Iceland and north-west Ireland is likely to move in an easterly direction and cause unsettled weather generally.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday, 10th January, 1920	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	Fresh or strong SW. to W. winds, reaching gale force in exposed places, veering towards north-west and moderating later. Dull, rain at times, then showers with fair intervals. Squally. Visibility poor improving later to good. Mild at first, then becoming colder.	An unsettled westerly type of weather is probable.
8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Moderate or fresh winds between SE. and SW. veering to NW. Cloudy or dull, some rain, then improving. Visibility indifferent to fair. Temperature rising at first, falling again later.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Moderate or fresh S.W. winds becoming variable and then NWly. later. Cloudy or dull, some rain or snow. Temperature rising at first, falling again later.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Fresh or strong SW. to W. winds veering towards NW. later. Cloudy or dull, rain at times, then showers and fair intervals. Mild to moderate temperature.	

SYNOPTIC CHART FOR MORNING OF Saturday, 10th Jan'y, 1920.

Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 19... B

Saturday
10th JANUARY.WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 9th JANUARY.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	
Scotland.								Douglas (I.O.M.)							
Oban	cp.c.o	*	41	33	mm.	mm.	1.3	Blackpool	ph.	c.o	43	35	1	-	3.8
Banff	bc.b	bc.bx	35	30	2	-	3.6	Southport	cp.c.bc	bc.c.o	42	36	2	0.1	3.8
Montrose	*	*	37	30	-	-	3.5	England, N.W.							
St. Andrews	*	*	37	30	-	-	3.5	Buxton	*	*	43	33	4	-	4.7
England, N.E.								Leamington Spa	*	*	43	33	4	-	4.7
Harrogate	cb.cb	b.bc.cop	38	31	1	0.1	4.8	Malvern	*	*	44	36	1	0.2	4.7
Scarborough	*	*	40	32	-	-	5.4	Ross-on-Wye	x.bcv.b	b.bc.cp	44	36	1	0.2	4.7
Skegness	b	b	39	31	-	-	4.8	Wales.							
England, E.								Rhyl	*	*	42	35	5	-	2.0
Lowestoft	bc	bc	40	33	1	-	6.3	Colwyn Bay	c.b	c.b	43	36	4	-	2.6
Felixstowe	bc	bc	42	37	1	-	6.6	Llandudno	c.b	c.b	44	41	*	*	2.5
Southend-on-Sea	bc.b	b	44	34	2	-	5.7	Aberystwyth	r.o.c	bc.o	44	41	*	*	2.5
England, S.E.								Weymouth	bc.b	bc.b	46	38	0.4	-	5.2
Tunbridge Wells	b	b	44	35	-	-	6.1	Teignmouth	*	*	47	40	2	-	5.5
Margate	b.bc.b	b.bc	42	37	-	-	3.0	Torquay	b.bc	bc.c.bc	47	39	3	Trace	5.3
Ramsgate	*	bc	41	34	1	-	4.5	Paignton	b.bc	bcp.b	47	40	4	3	4.0
Folkestone	*	*	44	34	-	-	7.0	Penzance	bc.cpr	cphr	49	42	0.1	0.1	3.4
Hastings	b	b	44	34	-	-	6.7	Newquay	c.b	c.o.b	46	42	0.1	0.1	4.0
Eastbourne	bc	bc.b	44	37	-	-	6.5	Bude	bc	bc.od	50	41	1	0.1	4.0
Brighton	b	b	44	37	-	-	6.6	Ilfracombe	bc.c	c.o	45	43	0.3	-	2.6
Worthing	b	b	44	34	-	-	6.6	Weston-s-Mare	b	b.bcp.c	45	39	0.1	-	4.8
Littlehampton	*	*	44	39	-	-	6.7	Bath	b.bc	b.bc	46	37	*	*	5.0
Bournemouth	*	*	45	36	0.2	-	5.7								
Ventnor (I. of W.)	*	*	46	37	-	-	6.0								

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.
	7h-12h.	12h-12h.	12h-12h.	12h-12h.				Day. 7h-12h.	Night. 12h-7h.	
Esksdalemuir	b.c.c.c.c.c.	om	om	om	35	27	31	0.3	1	0.8
Valencia (Cahirciveen)	cp.bc.o	ot	r.o.o	cp.	53	41	45	6	6	0.2
Baldonnel	bc.cz	c of	cop	q. 12	50	36	*	*	*	*
Anglesey (Llangefni)	*	*	*	*	*	*	*	*	*	*
Falmouth	bcp.b	od	org	org	51	40	43	1	16	4.2
Calshot (Hants)	bv	b.c.v	bc.c	r	49	38	36	-	12	5.9
Capel (Folkestone)	bz	c.o	*	*	*	*	*	*	*	*
Aberdeen	bz.bq	3	bzx.om	*	37	29	21	-	-	4.3
East Fortune	b.bc.z	b.bq	b.bq	bc.c	38	32	*	*	*	*
Flamborough Head	b.bq	b bc	*	*	*	*	*	*	*	*
Felixstowe	bq.	b bc	bbo	q. 12	46	36	*	*	*	*
Cranwell (Lincs)	bc.c	b.c.o	of.	2	39	33	*	*	*	*
Shoebury Ness	b	b	b.c.d.	of.	50	35	32	-	?	6.0
Benson	b bc	b bc	ord.	*	50	34	31	-	4	*
London (Kew Obs.)	bc	b	a. of.	od	49	38	33	-	7	5.4

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
 bc sky partly cloudy (one half covered).
 c generally cloudy (three quarters covered).
 d drizzle, or fine rain.
 e wet air without rain falling.
 f fog. g gloom.
 h hail. i lightning.
 m mist. o overcast sky.
 p passing showers.
 q squalls. r rain.
 rs sleet, i.e., rain and snow together.
 s snow. t thunder.
 u ugly, threatening sky.
 v unusual visibility.
 w dew. x hoar frost.
 y dry air: humidity less than 60 per cent.
 z dust haze; the turbid atmosphere of dry weather.

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 1=heavy. Underlining is used to express continuity.

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.8
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.6
12	Above 76	33.6 or above

SYMBOLS—

Aurora ☆ Solar halo ⊙
 Rime ⊠ Lunar halo ⊕
 Glazed frost ∞ Solar corona ⊙
 Glazed roads ∞ Lunar corona ⊕

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. A.M.T.					
	24 HOURS ENDED 9h G.M.T. 1920.....								YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday	10 TH AND 11 TH JANUARY..... 1920			
													Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Observatory)	bz. b.	b	bc. c. st	51	37	29	7	4.2	69	85	Total..... 283..... Joules.	Yarmouth....	{ 8.3	{ 12.1	{ 3.54
City (Bunhill Row)	*	*	*	*	*	*	*	0.8	*	*						{ 8.2	{ 12.1	{ 4.0
Westminster (St. James's Park)	*	*	*	52	37	29	7	-	70	82	Milliwatts.	Greenwich	{ 8.5	{ 12.8	{ 4.11
.. (Admiralty Arch)	bcm	bcm	om. omr	52	38	*	7	3.6	68	87						{ 8.4	{ 12.8	{ 4.12
Camden Sq. (British Rainfall)	b.	bc	*	51	37	32	8	*	70	90	Average Rate. 9.8	Wick	{ 8.55	{ 12.20	{ 3.44
Kensington Palace	b	b	*	51	36	31	8	*	81 (18h)	96						{ 8.5	{ 12.20	{ 3.45
Hampstead Observatory ...	ot	?	od	50	34	28	5.4	*	88	88	Maximum Rate. 19	Valencia ...	{ 8.45	{ 12.45	{ 4.20
													{ 8.47	{ 12.45	{ 4.20

NOTES ON THE WEATHER OF YESTERDAY.

Maximum temperatures reached or exceeded 50° at most Irish stations and in SW. England, but were considerably lower in Scotland and NE. England. Most sunshine was experienced in East and South-East England. Hastings had 7.0 hours of sunshine and Glaston 6.8 hours. Considerable amounts of rain fell in the evening and during the night. Falmouth reported a rainfall of 17 mm, Blacksod 13 mm. and Valencia 12 mm.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 2134 B

SUNDAY, 11TH JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.

STATIONS.	BAROM. at M.S.L. mb.	1 Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea	BAROM. at M.S.L. mb.	1 Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea
			Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Direc.	Force 0-12.						Form.	Amt. 0-10.			
			13H. G.M.T. of 10 th	18H. G.M.T. of 10 th																								
Eskdalemuir ...	979.3	-9	NE	5	asm	32	97	3	15-2000	Sr	10	-	-	*	981.9	+4	NE	4	asm	33	92	3	-	Sr	10	-	-	*
Valencia (Cahire'n)	984.6	+4	WSW	5	of	50	87	7	1-1500	Sr	10	-	-	6	983.9	+4	SW	4	0	48	82	7	2-3000	Sr	5	ASr	5	5
Baldonnell ...	979.6	-2	WSW	6	C	48	92	4	1-1500	Sr	4	ACu	4	*	983.4	+4	WSW	6	clt	44	92	4	1-1500	Sr	10	-	-	*
Anglesey (Llangefni)																												
Falmouth ...	991.8	-6	WSW	8	og	32	87	4	-	Nb	9	-	-	*	996.6	+6	WSW	8	og	49	95	6	-	Cu	3	-	-	*
Calshot (Hants) ...	991.6	-5	SW	5	of	49	97	3	<500	Nb	10	-	-	4	989.8	+2	WSW	5	of	49	92	3	2-3000	Nb	10	-	-	4
Capel (Folkestone)	991.7	-4	WSW	6	of	47	97	0	<500	Nb	10	-	-	*	989.8	-5	SW	7	og	43	87	6	1-1000	Sr	10	-	-	*
Aberdeen ...	985.1	-5	ESE	4	0	38	82	7	-	Sr	7	ASr	3	2	984.9	+1	E	4	0	37	95	7	-	Sr	1	-	-	2
East Fortune ...	981.8	-7	E	4	of	36	87	5	15-2000	Nb	10	-	-	*	982.6	+3	E	3	of	38	87	-	15-2000	Nb	10	-	-	*
Flamborough Hd.	980.2	-7	S	4	of	39	97	1	<500	Nb	10	-	-	5	978.6	0	WSW	4	of	40	97	3	1-1500	Sr	10	-	-	*
Felixstowe ...	987.9	-5	SW	2	0	48	97	5	1-1500	Sr	10	-	-	4	985.6	-1	SW	4	C	48	97	4	1-1500	Sr	7	-	-	4
Cranwell (Lincs)	981.5	-7	SW	7	C	51	92	7	15-2000	Sr	4	ASr	3	*	981.4	+1	WSW	4	of	46	97	5	1-1500	Nb	10	-	-	*
Shoeburyness ...	989.1	-5	SW	5	od	50	92	7	<500	Cu	10	-	-	*	986.6	-2	W	4	0	50	97	7	1-1500	Nb	10	-	-	*
Benson ...	987.7	-4	SW	5	r	51	92	8	-	-	-	-	-	*	986.6	+1	SW	3	0	49	87	8	-	-	-	-	*	
London (Kew Obs.)	988.6	-6	W	5	0	51	92	7	15-2000	Sr	10	-	-	*	987.1	0	W	4	0	50	92	7	15-2000	Sr	10	-	-	*
1H. G.M.T. OF 11 th														7H. G.M.T. OF 11 th														
Eskdalemuir ...	984.5	0	-	0	adm	33	98	3	-	Nb	10	-	-	*	972.5	-7	SSW	3	adm	37	98	5	1-1500	Nb	10	-	-	*
Valencia (Cahire'n)	982.3	-2	WSW	3	omr	48	*	*	*	*	*	*	*	*	977.1	-6	SW	5	of	48	87	5	2-3000	Sr	10	-	-	*
Baldonnell ...	981.7	-9	S	6	of	45	92	3	15-2000	Sr	10	-	-	*	975.0	-8	SW	5	adm	44	92	3	15-2000	Sr	10	-	-	*
Anglesey (Llangefni)																												
Falmouth ...	996.5	-6	SW	7	of	50	92	4	-	Nb	10	-	-	*	987.2	-7	SW	8	of	52	92	2	-	Nb	10	-	-	*
Calshot (Hants) ...	997.0	+2	W	5	bc	47	92	4	2-3000	Sr	5	-	-	3	988.3	-4	SW	6	of	48	98	3	1-1500	Nb	10	-	-	3
Capel (Folkestone)	998.0	+1	WSW	8	0	43	92	9	1-1500	Nb	9	-	-	*														
Aberdeen ...														*	971.8	-13	SSW	4	of	38	92	6	-	Nb	10	-	-	4
East Fortune ...	985.5	+1	-	0	od	37	87	-	15-2000	Nb	10	-	-	*	970.3	-13	S	5	of	39	82	-	2-3000	Sr	10	-	-	*
Flamborough Hd.	984.6	+4	W	4	om	38	98	3	1-1500	Sr	10	-	-	*	977.2	-12	S	6	of	41	98	4	1-1500	Sr	10	-	-	*
Felixstowe ...														*	977.2	-12	S	6	of	41	98	4	1-1500	Sr	10	-	-	*
Cranwell (Lincs)	989.9	+2	W	6	0	48	87	4	2-3000	Sr	7	ASr	3	*	976.7	-9	W	5	of	46	98	2	1-1000	Nb	10	-	-	6
Shoeburyness ...														*	979.9	-7	S	5	of	47	98	4	15-2000	Nb	10	-	-	*
Benson ...														*	988.4	-10	SW	5	of	49	92	6	15-2000	Nb	8	ASr	2	*
London ...	994.5	+6	-	-	-	-	-	-	-	-	-	-	-	*	984.6	-12	SSW	6	of	50	92	3	-	Nb	10	-	-	*
(M.O. at 1st)														*	987.6	-11	SW	6	of	50	92	3	15-2000	Sr	10	-	-	*
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Weather.	Sea	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.								
			Direc.	Force 0-12.		at M.S.L. mb.	1 Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.				Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
			19H. G.M.T. of 10 th	7H. G.M.T. of 11 th		24 HOURS ENDED 7H. 11 th	10 th																					
Lerwick ...	987.8	30	-	0	b	977.8	-11	37	+14	SE	6	-	bcng	4	37	23	bm	bcm	bcm	*								
Stornoway ...	983.5	29	-	0	b	963.5	-16	39	+1	S	3	-	ch	4	39	-	bc	bc	bc	1.5								
Castellbay (Barra Is)	984.1	37	-	0	b	963.7	-10	42	SW	4	-	-	c	5	45	35	opc	cb.	b.o	1.4								
Glasgow ...	983.5	34	ESE	3	omd	971.2	-11	38	+4	WSW	2	-	cg	8	38	32	Sr	ns.r	rs.cdh	0.0								
Malin Head ...	983.3	39	NNE	3	0	956.7	-3	42	+6	SSW	4	5	c	4	44	36	omd	omd	omr	0.0								
Blackod Point ...	987.2	44	NW	2	C	971.1	-7	43	-5	W	4	-	cm	5	50	36	ed	c	ag.r.c.	*								
Roche's Point...	993.0	*	NW	4	b	978.1	-7	47	-4	WSW	5	-	o	5	54	46	op	opgb	b.or	*								
Birr Castle ...	989.1	43	W	3	C	974.0	-	44	-8	W	2	-	r	8	51	40	ch.	ch.	ch.or	1.9								
Donaghadee ...	981.3	40	N	3	omr	972.7	-6	44	+4	S	2	-	om	2	45	36	omr	omr	om	*								
Liverpool (Bliston)	981.1	45	WSW	5	0	975.7	-8	46	+8	SW	3	-	og	3	51	38	o.bcp	po	or	0.4								
Holyhead ...	982.1	48	SW	4	og	974.9	-7	46	-2	SW	5	-	adm	4	49	42	oprgm	oprc	ocg.od	0.2								
Pembroke (St. Ann's Head)	987.5	48	WSW	9	opq	980.9	-7	48	-2	SW	5	-	og	7	50	47	opq	opq	og	0.0								
Scilly (St. Mary's)	998.1	49	W	8	C	988.0	-6	52	+2	SW	7	-	om	7	52	48	omr.c	cpm	omr	0.9								
Jersey (St. Aubin)	998.8	53	W	7	of	996.4	-4	52	+1	SSW	6	-	og	4	54	49	ogp	ogp	b.og	0.7								
Portland Bill ...	990.4	51	W	9	og	988.4	-6	49	0	W	9	-	og	8	52	45	ogp	r.og	bc.or	*								
Dungeness ...	987.6	48	WSW	8	cg	981.3	-8	48	+1	SW	8	-	r	7	49	46	q.or	q.rcg	cg.cgr	*								
Wick ...	984.6	37	S	3	bc	972.7	-9	39	+9	S	5	-	omgr	4	40	30	bc.c	c.bc	bc.og	*								
Nairn ...	984.1	29	-	0	bcz	967.1	*	38	+14	WSW	1	-	oug	1	38	23	cgz	cg.bc	bc.c	0.0								
Leith ...	982.6	38	E	2	0	970.5	-7	39	+4	SE	1	-	o	2	40	34	omr.s.r.	od.o	od.o	*								
Tynemouth ...	980.5	38	E	5	omr	974.9	-7	40	+4	SW	4	-	omd	3	41	33	omr.sq	omrs	omr	*								
Spurn Head ...	979.4	46	SSW	4	cg	979.5	-13	43	+7	SSW	6	-	og	4	50	34	or.be	cg	cg	*								
Yarmouth (Gorleston)	983.7	51	WSW	4	bc	987.7	-6	45	+6	SW	4	-	og	4	52	34	omr	bcgr	omr.og	0.0								
Clacton-on-Sea	985.8	48	SW	4	0	988.9	-4	46	-1	SSW	5	-	og	4	49	42	ogp.og	ogp	ofbc.o	0.2								
Nottingham ...	981.9	49	SW	2	0	977.5	-	47	+13	SW	4	-	or	8	52	36	o.c	r.o	of.	0.2								

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ Longside at 1h.

SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 11th January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SW 25 40	Mild	Rainy, squally.	Good	Rough
2. E. England	S. 20 30	R.Mild	" "	Indiff.	Mod.
3. E. Midlands	S-SW 15 25	Mild	Rainy	"	"
4. W. Midlands	S-SW 15 25	"	"	"	"
5. S.W. England	SW-W 35 50	R.Mild	Dull, rainy, squally.	Poor	V. Rough
6. South Wales	" "	"	" " "	"	"
7. North Wales	SW 15 20	"	Dull, some rain	"	Mod.
8. N.W. England	S-SW 20 30	"	Dull, rainy, squally	"	"
9. N. Midlands	S-SW 15 25	"	" " "	"	"
10. N.E. England	S-SW 5 15	"	Dull	"	Slight
11. E. Scotland	S-SE 25 40	Normal	Rain, squally	Good	Mod.
12. S.W. Scotland	S-W 5 15	"	Dull, rainy	"	Slight
13. Isle of Man	S-SW 5 15	R.Mild	Dull	Indiff.	"
14. N. & N.W. Scotland	S-SW 5 15	Normal	Dull, some rain	"	Mod.
15. Hebrides	S 10	R.Cool	Dull, passing showers	"	"
16. Orkneys and Shetlands	S-SE 15 25	"	Fair, squally	Fair	"
17. N.W. Ireland	W 10-15	Normal	Cloudy	"	Slight
18. N.E. Ireland	S-SW 5 10	"	Dull	"	Mod.
19. S.E. Ireland	SW-W 20 35	R.Mild	Dull, rain, mist.	Indiff.	Rough
20. S.W. Ireland	SW-W	" "	Dull, rainy	Fair	Mod.

Upper Cloud

Visibility

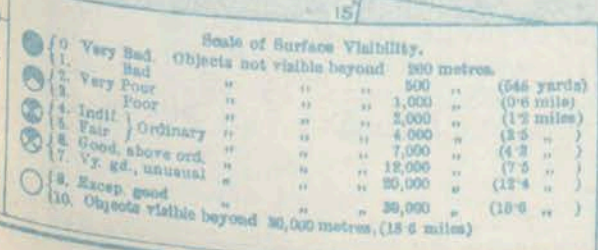
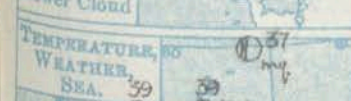
GENERAL INFERENCE from observations received up to 9 a.m.

A deep depression centred to the West of the Hebrides is moving Eastward and will cause very unsettled weather generally.

EXPLANATION
 BAROMETER.—Isobars are
 intervals of two millibars.
 WIND.—Direction is shown by
 flying with the wind. Force
 0-12, is indicated by the
 feathers. Mean velocity is shown
 per hour by figures in small
 circles.
 TEMPERATURE.—Is given in
 degrees Fahrenheit.
 WEATHER SYMBOLS.—
 ☉ clear sky. ☁ sky & cloudy.
 ☁ overcast sky. ☁ rain.
 * snow. △ hail. ≡ fog.
 T thunder. F thunder.
 SEA DISTURBANCE.—
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday, 11th January, 1920.	Further Outlook
1. S.E. England	Strong winds or gales between S.W. and W. moderating later. Dull, rain at times, then fairer intervals with good visibility. Mild to moderate temperature.	A stormy and unsettled West type of weather is probable.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England	Fresh or strong winds between SW. and W. Dull, rain at times, then fairer intervals with good visibility. Moderate temperature	
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Fresh or strong winds between S. and W. Dull, some rain or sleet, then fairer intervals with good visibility. Moderate to rather cold temperature.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland	Moderate to strong S. to S.E. winds becoming variable and then between N.W. and N.E. Dull, some rain or sleet, then fairer intervals. Moderate to rather cold temperature.	
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Moderate or fresh winds between S.W. and W. or N.W. Cloudy or dull, rain at times, then fairer intervals with good visibility. Moderate temperature.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

AIR MINISTRY.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 11... B

Sunday,
11th JANUARY

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

WEATHER, TEMPERATURE, RAINFALL, AND SUNSHINE.																		
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 1st-9h.	Day. 9h-12h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 1st-9h.	Day. 9h-12h.	Sunrise to Sunset.	
						9 th -10 th mm.	10 th mm.	10 th "							9 th -10 th mm.	10 th mm.	10 th "	
Scotland.	Oban	*	oro	38	33	3	Trace	0.0	England, N.W.	Douglas (I.O.M.)								
	Banff	bc.c	bc.b	35	26	-	-	0.0		Blackpool								
	Montrose									Southport	r.o.c	c.bc.c.o	48	36	10	1	0.0	
	St. Andrews	*	*															
England, N.E.	Harrogate	oref	oref	?	32	7	10	0.0	Midlands.	Buxton								
	Scarborough	*	*	39	33	3	12	0.0		Leamington Spa... ..	*	*	53	34	9	1	0.0	
	Skegness									Malvern								
										Ross-on-Wye	r.q.c.o.p	r.q.g.g	52	39	4	1	0.1	
England, E.	Lowestoft								Wales.	Rhyl								
	Felixstowe	ogqr	ogqp	50	37	8	1	0.4		Colwyn Bay	*	*	52	37	5	1	0.2	
	Southend-on-Sea... ..	orq.c	oro	50	36	6	3	0.3		Llandudno	or	op.o			*	*		
										Aberystwyth	r.o.c	c.cd	49	46			0.5	
England, S.E.	Tunbridge Wells	oro	oro	51	35	6	7	0.0	England, S.W.	Weymouth								
	Margate	c	or	52	36	6	2	0.7		Teignmouth								
	Ramsgate	o	o	50	34	5	1	0.0		Torquay								
	Folkestone	roed	ro	48	37	12	7	0.0		Paignton	orq.bc	ogp	52	42	22	11	0.4	
	Hastings	or	or	50	45	5	8	0.0		Penzance								
	Eastbourne... ..	*	*	51	42	8	11	0.0		Newquay								
	Brighton									Bude								
	Worthing	r	rc	49	?	11	7	0.1		Ilfracombe								
	Littlehampton			50	36	7	7	0.0		Weston-s-Mare								
	Bournemouth	*	*							Bath	ro	ro	54	41	*	*	9.0	
	Ventnor (I. of W.)	*	*	50	39	15	5	0.1										

STATIONS.	SUMMARIES FOR PAST 24 HOURS.								BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.				
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.	No.	Limits of Velocity at about 30 feet above ground.		
	7h-12h.	12h-18h.	18h-24h.	1h-7h.				Day. 7h-12h.				Night. 12h-7h.	Statute miles per hour.	Metres per second.
Eskdalemuir ...	osm	osm	osomdm	odm	38	32	32	5	7	0.0	b	Less than 1	Less than 0.3	
Valencia (Cahireveen) ...	op.o	op.o	op.o	op.o	52	46	44	1	14	0.3	bc	1-3	0.3-1.5	
Baldonnel ...	tsq	tsq	tsq	tsq	51	40					c	4-7	1.6-3.3	
Anglesey (Llangefni) ...											d	8-12	3.4-5.4	
Falmouth ...	ogq	ogq	ogq	ogq	52	48	48	11	15	0.1	e	13-18	5.5-7.9	
Calshot (Hants) ...	ogq	ogq	ogq	ogq	51	45	45	12	9	0.2	f	19-24	8.0-10.7	
Capel (Folkestone) ...	ogq	ogq	ogq	ogq							g	25-31	10.8-13.8	
Aberdeen ...	omo	omo	omo	omo	40	29	31	-	3	0.0	h	32-38	13.9-17.1	
East Fortune ...	omo	omo	omo	omo	39	33					i	39-46	17.2-20.7	
Flamborough Head ...	omo	omo	omo	omo	41	37					m	47-54	20.8-24.4	
Felixstowe ...	ogq	ogq	ogq	ogq	50	36					p	55-63	24.5-28.4	
Cranwell (Lincs) ...	ogq	ogq	ogq	ogq	52	40					q	64-75	28.6-33.5	
Shoeburyness ...	ogq	ogq	ogq	ogq	52	36	42	3	1	0.1	r	76-78	33.6 or above	
Benson ...	ogq	ogq	ogq	ogq	52	45	40	1	1		s			
London (Kew Obsv.) ...	ogq	ogq	ogq	ogq	53	47	43	6	2	0.1	t			
											u			
											v			
											w			
											x			
											y			
											z			

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall.	Sun- shine to Sunset.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.	°F.	°F.	°F.	mm.	Hours.	15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED 9h G.M.T. 11 TH JAN.							YESTERDAY.	TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	11 TH JAN. 12 TH JAN. 13 TH JAN. 14 TH JAN. 15 TH JAN. 16 TH JAN. 17 TH JAN. 18 TH JAN. 19 TH JAN. 20 TH JAN. 21 TH JAN. 22 TH JAN. 23 TH JAN. 24 TH JAN. 25 TH JAN. 26 TH JAN. 27 TH JAN. 28 TH JAN. 29 TH JAN. 30 TH JAN. 31 ST JAN.			
Greenwich (Royal Observatory)	o. r.	c. o. r.	o. o. r.	53	46	39	1.4	0.2	80	91		Total..... Joules.	Stations.	Sunrise.	Noon.	Sunset.
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	*	Average Rate.		G.M.T.	G.M.T.	G.M.T.	G.M.T.
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*		Maximum Rate.	Yarmouth ...	8.2	12.1	4.0
Admiralty Arch	omr	omr	omr	54	47	*	13	0.0	76	97	Milliwatts.		Greenwich	8.2	12.1	4.1
Camden Sq. (British Rainfall)	od	o. or	*	53	45	40	15	*	90	94		Wick ...	8.4	12.8	4.12
Kensington Palace ...	o. or	o. or	*	53	42	41	14	*	85 (1st)	94	Valencia ...		8.3	12.8	4.13
Hampstead Observatory													8.57	12.20	3.43
												8.52	12.20	3.44	
												8.47	12.49	4.51	
												8.47	12.49	4.51	

NOTES ON THE WEATHER OF YESTERDAY.

In England and Ireland temperatures reached or exceeded 50° at many stations, Bath and Jersey having maxima of 54°. In Scotland temperatures were considerably lower than this, only reaching 40° or less. Rain fell in all districts, Falmouth had a rainfall of 26 mm, Donaghadee and Calshot each 21 mm., and Tynemouth 19 mm. There was little or no sunshine, Birr Castle reporting the largest amount, 1.9 hours.

* Information for these columns not usually received.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 2235B

MONDAY 12TH JANUARY 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

STATIONS.	13H. G.M.T. OF 11 TH														18H. G.M.T. OF 11 TH																	
	Barom. at M.S.L.		Wind.		Weather	Temp.		Humidity	Visibility	Height of Low Cloud.	Low Cloud.		Upper Cloud		Sea	Barom. at M.S.L.		Wind.		Weather	Temp.		Humidity	Visibility	Height of Low Cloud.	Low Cloud.		Upper Cloud		Sea		
	mb.	Change in 3 hours.	Dir.	Force 0-12.		°F.	°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		0-9.	mb.	Change in 3 hours.	Dir.		Force 0-12.	°F.				°F.	Form.	Amt. 0-10.	Form.		Amt. 0-10.	0-9.
Eskdalemuir ...	968.1	-4	SSW	4	ot	37	92	7	15-1000	Nb	10	-	-	-	*	967.4	0	SSW	4	o	37	92	6	-	Nb	6	A.st	4	-	*		
Valencia (Cahire'n)	979.3	+2	WSW	8	o	48	65	7	-	st.cu	9	-	-	-	5	985.4	+11	WSW	8	opg	48	75	6	2-3000	cu	10	-	-	-	6		
Baldonnel ...	974.3	0	W	4	og	41	92	5	1-1500	st.	5	A.st	4	-	*	973.9	+1	?	?	ops	41	92	3	1-1500	st.	10	-	-	-	*		
Anglesey (Llangefni)	986.5	-4	SW	8	otg	51	87	8	-	Nb	10	-	-	-	*	992.7	+6	W	8	bqz	49	92	6	-	st.cu	1	-	-	-	*		
Falmouth ...	984.4	-1	SW	0	otg	50	92	4	<500	Nb	10	-	-	-	7	987.4	+3	WSW	5	b	50	75	6	2-3000	st.	2	-	-	-	3		
Calshot (Hants) ...	983.3	-13	WSW	9	o	49	91	1	<500	Nb	10	-	-	-	-	985.6	+1	SW	6	bc	45	92	3	2-3000	Nb	5	-	-	-	*		
Capel ...																																
Aberdeen ...	963.1	-7	SW	1	cj	41	82	6	-	-	-	-	-	-	4	963.1	+1	SW	2	bem	37	82	6	-	-	-	-	-	-	3		
East Fortune ...	964.7	-6	SW	5	c	44	75	6	3-4000	st.cu	3	ci.cu	3	-	*	964.5	-2	SW	5	b	39	82	-	2-3000	st.	2	-	-	-	*		
Flambor'gh Hd.	969.2	+1	WSW	5	o	43	92	7	15-1000	st.cu	5	A.st	5	-	*	971.5	0	WSW	7	bq	41	82	5	2-3000	st.	1	-	-	-	*		
Felixstowe ...	978.7	-10	SW	6	og	50	92	5	1-1500	st.cu	10	-	-	-	6	982.5	+3	WSW	6	ctf	45	92	5	1-1500	st.cu	7	-	-	-	6		
Cranwell (Lines)	974.0	-1	WSW	6	ctf	48	82	6	1-1500	Nb	4	A.st	2	-	*	977.7	+3	WSW	5	b	40	82	8	-	-	-	-	-	-	*		
Shoeburyness.	979.9	-5	W	7	ot	51	92	6	1-1500	?	?	?	?	-	*	984.1	+2	W	7	or	50	92	6	1-1500	Nb	10	-	-	-	*		
Benson ...	979.8	-1	SW	6	o	49	92	6	-	-	-	-	-	-	*	984.5	+8	WSW	6	b	45	75	8	-	-	-	-	-	-	*		
London (New Ob.)	980.7	-2	WSW	6	ogf	51	75	5	1-1500	st.cu	4	A.st	6	-	*	985.1	+3	W	6	bq	48	65	6	1-2000	st.cu	4	-	-	-	-	*	
1H. G.M.T. OF 12 TH															7H. G.M.T. OF 12 TH																	
Eskdalemuir ...	975.6	+14	W	5	bq	37	82	7	-	-	-	-	-	-	*	988.3	+14	W	6	bq	40	87	7	-	-	-	-	-	-	*		
Valencia (Cahire'n)	996.1	+12	W	4	bem	45	82	8	-	-	-	-	-	-	*	1001.3	+1	WSW	4	or	46	75	4	-	st.	10	-	-	-	*		
Baldonnel ...	988.2	+14	SW	8	ogf	39	92	3	2-3000	st.cu	9	-	-	-	*	998.4	+4	SSW	4	o	42	92	3	1-2000	st.	3	A.st	7	-	-	*	
Anglesey (Llangefni)	1000.7	+7	W	7	bq	47	75	5	-	st.	1	-	-	-	*	1007.7	+4	WSW	6	og	48	82	6	-	st.	10	-	-	-	*		
Falmouth ...	995.0	+3	W	6	b	49	92	4	-	-	-	-	-	-	3	1004.7	+5	W	4	c	46	82	5	4-5000	st.	7	-	-	-	3		
Capel ...																																
Aberdeen ...	971.9	+12	W	5	cq	38	87	-	2-3000	st.cu	8	-	-	-	*	979.1	+10	WSW	5	b	41	75	7	-	-	-	-	-	-	3		
East Fortune ...															*	983.1	+15	W	6	b	40	82	-	2-3000	st.	1	-	-	-	*		
Flambor'gh Hd.															*	985.0	+1	W	7	b	44	75	6	2-3000	st.cu	1	A.st	1	4	*		
Felixstowe ...	986.5	+4	SW	6	bq	48	98	5	-	-	-	-	-	-	6	998.6	+10	WSW	6	b	47	92	3	1-2000	st.	2	A.st	1	4	*		
Cranwell (Lines)	982.2	+2	W	7	or	48	98	5	1-2000	Nb	10	-	-	-	*	995.9	+9	W	6	c	45	92	5	2-3000	st.	5	A.st	2	-	*		
Shoeburyness															*	999.4	+12	NNW	7	c	47	75	7	1-1500	st.cu	8	-	-	-	*		
Benson ...															*	1000.7	+12	WSW	5	bc	45	75	7	-	st.	5	-	-	-	*		
London (New Ob.)	989.6	+4	-	-	-	-	-	-	-	-	-	-	-	-	*	1000.4	+9	W	5	bc	47	75	7	4-5000	-	-	-	-	-	4		
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																																
STATIONS.	Barom. at M.S.L.		Wind.		Weather	Temp.		Humidity	Visibility	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea	Barom. at M.S.L.		Wind.		Weather	Temp.		Humidity	Visibility	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea		
	mb.	Change in 3 hours.	Dir.	Force 0-12.		°F.	°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		0-9.	mb.	Change in 3 hours.	Dir.		Force 0-12.	°F.				°F.	Form.	Amt. 0-10.	Form.		Amt. 0-10.	0-9.
	mb.	Change in 3 hours.	Dir.	Force 0-12.		°F.	°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		0-9.	mb.	Change in 3 hours.	Dir.		Force 0-12.	°F.				°F.	Form.	Amt. 0-10.	Form.		Amt. 0-10.	0-9.
Lerwick	960.1	38	ESE	1	omr	971.1	+2	39	+2	SW	2	-	-	-	1	960.1	38	ESE	1	omr	971.1	+2	39	+2	SW	2	-	-	-	1		
Stornoway	959.7	38	SSW	1	bc	980.6	+13	39	0	W	2	-	-	-	2	959.7	38	SSW	1	bc	980.6	+13	39	0	W	2	-	-	-	2		
Castlebay (Barra Is)	960.7	41	-	0	c	95.3	+8	44	WNW	5	-	-	-	5	960.7	41	-	0	c	95.3	+8	44	WNW	5	-	-	-	-	5			
Glasgow	965.0	39	SW	3	r	987.0	+14	41	+3	W	4	-	-	-	4	965.0	39	SW	3	r	987.0	+14	41	+3	W	4	-	-	-	4		
Malin Head	959.5	43	SW	4	cq	988.5	+6	45	+3	W	3	-	-	-	3	959.5	43	SW	4	cq	988.5	+6	45	+3	W	3	-	-	-	3		
Blackod Point	970.3	47	NW	6	cq	994.8	+6	46	+1	WNW	3	-	-	-	3	970.3	47	NW	6	cq	994.8	+6	46	+1	WNW	3	-	-	-	3		
Roche's Point	984.5	47	W	7	c	1002.3	+4	46	-1	SW	3	-	-	-	3	984.5	47	W	7	c	1002.3	+4	46	-1	SW	3	-	-	-	3		
Birr Castle	975.3	46	W	8	o	998.1	44	0	W	2	-	-	-	-	2	975.3	46	W	8	o	998.1	44	0	W	2	-	-	-	-	2		
Donaghadee	967.2	41	WSW	4	ogmr	993.3	+13	43	-1	WSW	5	-	-	-	5	967.2	41	WSW	4	ogmr	993.3	+13	43	-1	WSW	5	-	-	-	5		
Liverpool (Bidston)	972.7	45	SW	6	o	994.5	+12	44	-2	W	8	-	-	-	8	972.7	45	SW	6	o	994.5	+12	44	-2	W	8	-	-	-	8		
Holyhead	974.2	46	WSW	8	bq	997.2	+10	45	-1	W	7	-	-	-	7	974.2	46	WSW	8	bq	997.2	+10	45	-1	W	7	-	-	-	7		
Pembroke (St. Ann's Head)	983.0	49	W	10	bq	1001.9	+8	48	0	W	7	-	-	-	7	983.0	49	W	10	bq	1001.9	+8	48	0	W	7	-	-	-	7		
Scilly (St. Mary's)	993.3	50	W	8	o	1007.3	+4	49	-3	W	4	-	-	-	4	993.3	50	W	8	o	1007.3	+4	49	-3	W	4	-	-	-	4		
Jersey (St. Aubin)	995.6	52	W	8	ogp	1010.7	+5	51	-1	W	6	-	-	-	6	995.6	52	W	8	ogp	1010.7	+5	51	-1	W	6	-	-	-	6		
Portland Bill	988.1	49	W	9	bq	1003.7	+3	48	-1	W	8	-	-	-	8	988.1	49	W	9	bq	1003.7	+3	48	-1	W	8	-	-	-	8		
Dunneen	980.5	+8	WSW	7	bc	999.3	+8	45	-3	WSW	7	SW	bcq	6	13	980.5	+8	WSW	7	bc	999.3	+8	45	-3	WSW	7	SW	bcq	6	13		
Wick	960.9	35	SW	2	bc	975.2	+8	40	+1	W	2	-	-	-	3	960.9	35	SW	2	bc	975.2	+8	40	+1	W	2	-</					

SUMMARY OF CONDITIONS AT 7 A.M. Monday, 12th January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W. 15-25.	r.mild.	Fair generally, some mist.	Good.	r.rough
2. E. England	W. 20-30.	"	Variable, fine to cloudy.	"	Mod.
3. E. Midlands	W. 10-20.	Mild.	Fair to cloudy.	"	-
4. W. Midlands	W. 10-20.	"	Fair to cloudy.	"	-
5. S.W. England	SW-W 15-25.	r.mild.	Dull.	"	rough.
6. South Wales	W. 30-35.	"	"	"	v.high.
7. North Wales	W. 25-35.	"	Fair to fine, squally.	"	High.
8. N.W. England	W. 25-35.	"	Fair to fine, squally.	"	rough.
9. N. Midlands	W. 20-30.	"	Fair generally.	"	-
10. N.E. England	W. 15-25.	"	Fine, squally.	"	Mod.
11. E. Scotland	SW-NW 10-20.	"	Fine to fair.	"	Slight.
12. S.W. Scotland	W. 15-25.	"	Fine to fair.	"	Mod.
13. Isle of Man	W. 20-30.	"	Fair.	"	rough.
14. N. & N.W. Scotland	W. 0-10.	"	Fair.	"	Slight.
15. Hebrides	W. 0-5.	Normal.	Cloudy.	Fair.	"
16. Orkneys and Shetlands	SW-W 0-10.	"	Fair.	"	"
17. N.W. Ireland	W. 5-10.	"	Cloudy.	"	Mod.
18. N.E. Ireland	W. 10-20.	"	Cloudy.	Indiff.	r.rough.
19. S.E. Ireland	S-W 10-20.	r.mild.	Dull.	Poor.	rough.
20. S.W. Ireland	SW-W 10-15.	"	Dull, some rain.	Fair.	r.rough



EXPLANATION.
 BARMETER.—Isobars are drawn at intervals of two millibars.
 WIND.—Direction is shown by an arrow flying with the wind. Force, on a scale of 0-12, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.
 TEMPERATURE.—Isotherms are drawn at intervals of 1°.
 WEATHER SYMBOLS.—sky i. clear sky. sky j. cloudy. sky k. overcast sky. rain. snow. hail. fog. thunder. lightning.
 SEA DISTURBANCE.—Rough. High.

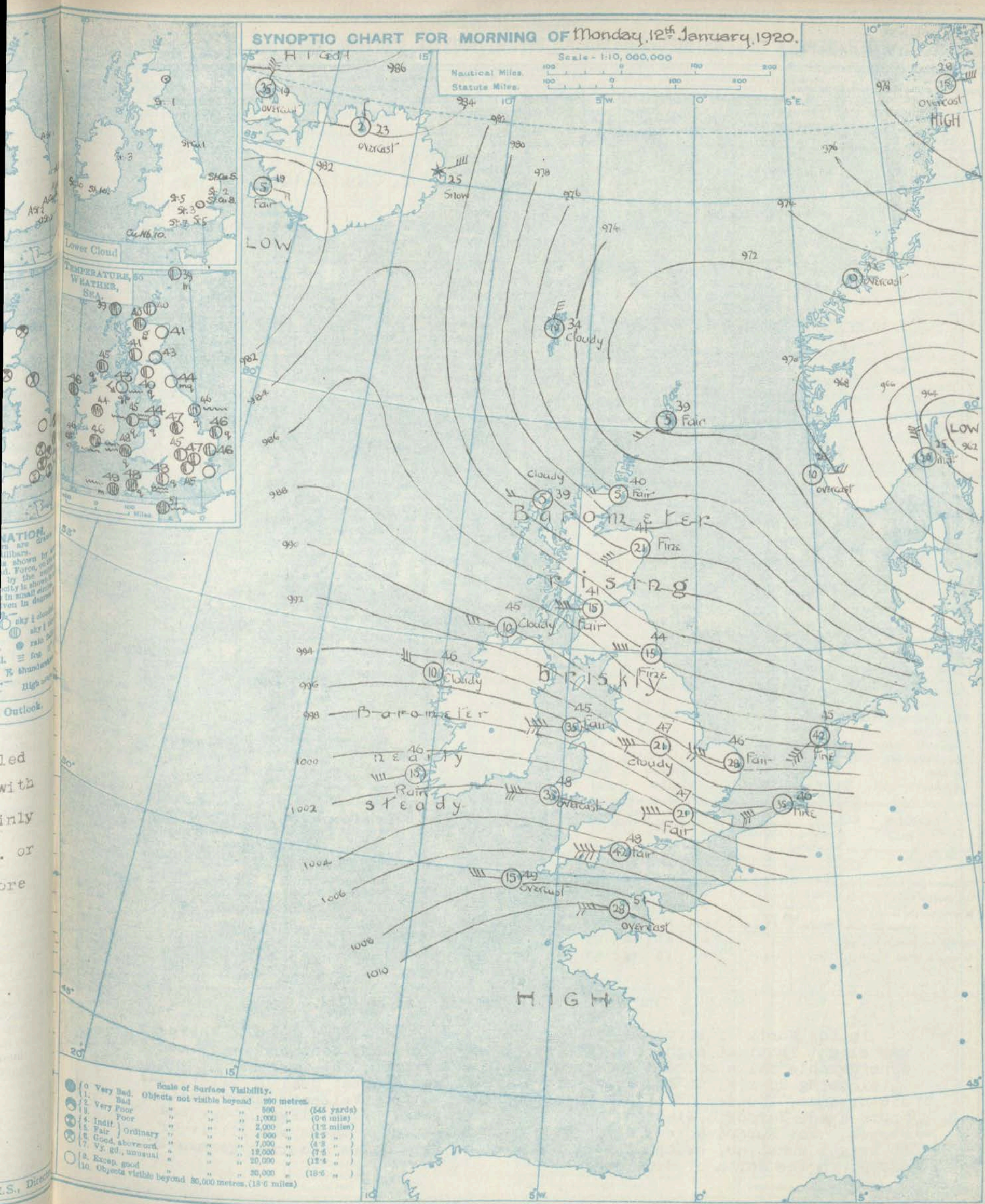
GENERAL INFERENCE from observations received up to 9 A.M.

There will be some temporary decrease in the strength of the Westerly wind over the British Isles as the very deep depression over Southern Scandinavia moves away E. or N.E., but the weather will remain unsettled generally.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 12th January, 1920.	Further Outlook.
1. S.E. England	Strong W. to S.W. breezes, decreasing temporarily; varying amount of low cloud, covering the sky at times, some showers, visibility good between the showers; rather mild.	Unsettled weather with winds mainly from S.W. or W. for more than 24 hours.
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	Moderate or fresh W. to S.W. breezes; varying amount of low cloud, covering the sky at times, some showers, visibility good between the showers; moderate temperature.	
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Moderate or fresh W. to S.W. breezes, probably becoming strong again before long; much low cloud, some rain, visibility fairly good; mild.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR MORNING OF Monday, 12th January, 1920.

Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200



Scale of Surface Visibility.

Symbol	Description	Distance (metres)	Distance (yards)
1	Very Bad. Objects not visible beyond 500 metres.	500	(545 yards)
2	Very Poor " " "	1,000	(1,090 "
3	Poor " " "	2,000	(2,187 "
4	Indit. " " "	4,000	(4,374 "
5	Fair } Ordinary " " "	7,000	(7,656 "
6	Good, above ord. " " "	12,000	(13,120 "
7	Vy. gd., unusual " " "	20,000	(21,871 "
8	Excep. good " " "	30,000	(32,808 "
9	Objects visible beyond 30,000 metres. (32,808 miles)	30,000	(32,808 "

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 11TH

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 10-11 p.m.	Day, 9-11 a.m.	Sunrise to Sunset, 11-11 a.m.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 10-11 p.m.	Day, 9-11 a.m.	Sunrise to Sunset, 11-11 a.m.
Scotland.								Douglas (I.O.M.)							
Banff	bc.b	bc.b	37	25	2	-	1.4	Blackpool	r.o.c.bc	c.bc.bq	45	41	11	2	0.7
Montrose	"	"						Southport	"	"					
St. Andrews	"	"													
England, N.E.								Midlands.							
Harrogate	or.cbp	c.bcp	44	33	11	2	0.8	Buxton	"	"	53	43	6	8	0.0
Scarborough	"	"						Leamington Spa	"	"					
Skegness	"	"						Malvern	"	"	51	39	20	8	0.5
England, E.								Wales.							
Lowestoft	or.	or.c	50	42	1	8	0.0	Rhyl	rg.	q	48	43	5	3	1.3
Felixstowe	ogqr	cqgp	52	45	2	2	0.0	Colwyn Bay	"	"	48	37	6	2	1.2
Southend-on-Sea	org	or.bq	52	44	3	3	0.0	Llandudno	"	"	55	42	8	1	1.4
England, S.E.								Aberystwyth	"	"					
Tunbridge Wells	or	or.l.b	52	44	11	7	0.0	Weymouth	"	"					
Margate	"	"						Teignmouth	"	"					
Ramsgate	r	"	51	45	3	5	0.0	Torquay	or	or.c	53	46	17	6	0.0
Folkestone	"	rd	50	45	5	6	0.0	Paignton	"	"					
Hastings	or	or	51	46	5	6	0.0	Penzance	org	org	52	49	15	5	0.0
Eastbourne	or	bc	53	47	10	10	0.0	Newquay	or	or.o.c	51	48	15	7	0.0
Brighton	r	r.o.c	51	46	17	6	0.0	Bude	"	"					
Worthing	rg	qr.bc	51	46	14	7	0.0	Ilfracombe	"	"					
Littlehampton	"	rc	51	47	14	9	0.0	Weston-s-Mare	or	p.o.bc.b	54	42	"	"	0.2
Bournemouth	"	"	52	46	22	5	0.6	Bath	"	"					
Ventnor (I. of W.)	?	?	51	46	20	5	0.0								

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.
	7h-12h.	12h-18h.	18h-11h.	11h-7h.				Day, 7h-18h.	Night, 18h-7h.	
Eskdalemuir	orm.o.c	or.cbc	org.bq	bq.opq	42	35	33	11	8	0.6
Valencia (Cahtelven)	r.cpt.	c.op	c.bc.bc.o	"	49	42	41	1	-	1.7
Baldonnel	rg	qr	rg	rg	46	39	"	"	"	"
Anglesey (Llangefni)	rg.org	cpcq	bc.pq	bq.oq	53	45	43	15	2	0.0
Falmouth	rg	psq	bc.pq	bc.cq	52	46	45	7	-	0.0
Calshot (Hants)	ofr	zr	"	"	"	"	"	"	"	"
Capel	"	"	"	"	"	"	"	"	"	"
Aberdeen	op.bcz	bc.m.bm	bm.bq	"	41	34	25	2	-	2.0
East Fortune	c.oq	prsq	r.w	bc.cq	44	36	"	"	"	"
Flamborough Head	rg	bc.cq	bc.cq	"	50	41	"	"	"	"
Felixstowe	pa	p	pa	bc.cq	52	40	"	"	"	"
Cranwell (Lincs)	rp	rp	cor	r	51	39	"	"	"	"
Shoeburyness	org	org	acr	"	51	44	43	6	10	0.0
Benson	or.bc	tlr	cqp.o.c	"	52	44	39	6	0.1	"
London (Kew Obs.)	or.org	op.bq	bcq.bc	"	52	46	41	8	0.2	0.0

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. i lightning.
m mist. o overcast sky.
p passing showers.
q squalls. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew. x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 1=heavy. Underlining is used to express continuity.

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.5
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

SYMBOLS—

Aurora ☄ Solar halo ☉
Kime ☄ Lunar halo ☉
Glazed frost ☄ Solar corona ☉
Glazed roads ☄ Lunar corona ☉

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.							
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		12 th & 13 th JANUARY 1920	Stations.	Sunrise.	Noon.	Sunset.			
	24 HOURS ENDED 9H G.M.T. 12 th							YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.									
Greenwich (Royal Observatory)	or	o.c.r	op	54	45	38	5	0.0	86	72	Total 40 Joules. Milliwatts. Average Rate. 14 Maximum Rate. 5	Yarmouth...	{	8.2	12.1	4.1			
City (Banhill Row)	"	"	"	"	"	"	"	0.0	"	"							G.M.T.	G.M.T.	G.M.T.
Westminster (St. James's Park)	"	"	"	54	45	40	4	0.0	98	73							G.M.T.	G.M.T.	G.M.T.
" (Admiralty Arch)	omrg	ormq	bcq.oq	55	46	"	3	0.0	84	71							G.M.T.	G.M.T.	G.M.T.
Camden Sq. (British Rainfall)	"	"	"	52	45	39	5	"	-	73	Wick	{	8.56	12.2	4.15				
Kensington Palace	bc.	oqr	"	53	45	40	5	"	78	78						G.M.T.	G.M.T.	G.M.T.	
												Valencia	{	8.47	12.21	4.52			
														8.46	12.50	4.58			

NOTES ON THE WEATHER OF YESTERDAY.

In the North of Scotland the temperature did not exceed 40°, and there was slight frost at night, but it rose above 50° at many Southern Stations. Considerable falls of rain occurred nearly everywhere, the largest total being 20 m.m. at Blacksod Point. There was a great deal of electrical disturbance, thunder or lightning being reported from Valencia, Birr Castle, Spurn Head, Yarmouth, Glaston, Nottingham, Tunbridge Wells, Ross-on-Wye and Benson. The Aurora Borealis was seen near Edinburgh. There was little or no bright sunshine, except for 2½ hours at Nairn. Gales occurred generally, except in the North of Scotland.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 4736 B

TUESDAY, 13TH JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 10, 11, 12, 13, AND 15.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force					Form.	Amt.			
			13H. G.M.T. of 12th														18H. G.M.T. of 12th										
Eskdalemuir ...	993.7	+3	SW	5	0	40	87	6	-	Nb	3	Ast	7	992.3	-3	SW	2	0	36	87	5	-	Nb	10	-	5	6
Valencia (Cahire'n)	994.2	-6	SW	8	0	54	92	5	1-1500	St.	10	-	-	995.5	+3	SW	8	0	54	92	4	1-1500	St.	10	-	5	6
Baldonnell ...	996.6	-6	SSW	2	0	41	98	3	1-1500	St.	10	-	-	990.5	-4	W	5	0	54	97	2	1-1500	Nb	10	-	-	-
Anglesey (Llangefni)																											
Falmouth ...	1005.7	-5	SW	7	0	52	98	3	-	Nb	10	-	-	1007.8	+2	SW	8	0	52	97	1	-	Nb	10	-	-	-
Calshot (Hants) ...	1006.9	-2	SW	3	0	47	92	2	1-1500	Nb	10	-	-	1004.3	+1	SW	6	0	51	97	6	1-1500	St.	10	-	-	4
Capel ...	1006.9	0	SW	3	0	45	98	0	1-1000	St.	10	-	-	1002.8	-4	SW	7	0	49	97	6	1-1500	Nb	10	-	-	4
Aberdeen ...	987.4	+6	W	5	bc	44	55	7	-	-	-	-	6	987.5	+6	SW	2	0	40	75	4	-	-	-	Ast	10	2
East Fortune ...	990.7	+4	W	6	0	49	75	5	3-4000	St.	6	Ast	4	990.8	0	WSW	3	0	42	-	-	4-5000	St.	2	-	-	-
Flamborough Hd.	995.2	0	WSW	7	0	45	75	6	4-5000	St.	8	Ast	2														
Felixstowe ...	1004.0	-1	SW	3	0	47	92	4	1-1500	St.	10	-	-	1001.2	-6	S	3	0	43	98	2	1-1500	Nb	10	-	-	4
Cranwell (Lincs)	1000.5	+1	WSW	5	0	46	82	7	1-2000	St.	2	Ast	5	996.7	-6	SSE	3	0	41	98	4	1-1500	Nb	10	-	-	-
Shoeburyness...	1005.2	0	W	4	0	48	87	6	1-2000	St.	10	-	-	1001.2	-8	SW	5	0	50	98	0	1-1500	Nb	10	-	-	-
Benson ...	1003.3	-2	WSW	5	0	46	75	7	-	-	-	-	-	1000.1	-3	SW	6	0	55	82	7	-	-	-	-	-	-
London (Kew Ob.)	1004.4	-1	WSW	4	0	48	75	6	1-1500	Nb	1	Ast	9	1001.3	-3	WSW	5	0	54	87	6	1-2000	St.	8	Ast	2	-
1H. G.M.T. of 13th														7H. G.M.T. of 13th													
Eskdalemuir ...	990.7	0	N	3	0	34	92	3	-	Nb	10	-	-	1002.7	+9	SW	4	0	36	92	6	-	St.	5	-	-	-
Valencia (Cahire'n)	1006.5	+9	WSW	7	0	49	92	5	-	-	-	-	-	1010.8	+2	SW	4	0	48	92	6	1-3000	St.	9	-	-	0
Baldonnell ...														1006.9	+4	S	6	0	44	92	3	1-2000	St.	4	Ast	3	-
Anglesey (Llangefni)																											
Falmouth ...	1011.8	+3	WSW	7	0	53	92	1	-	Nb	10	-	-	1015.5	+3	WSW	1	0	50	97	6	-	Nb	10	-	-	-
Calshot (Hants) ...	1009.5	+2	W	5	0	52	87	6	1-2000	St.	10	-	-	1013.3	+3	W	3	0	49	87	5	2-3000	St.	10	-	-	3
Capel ...																											
Aberdeen ...														994.9	+5	WSW	5	0	37	82	5	-	St.	7	-	-	-
East Fortune ...	990.5	+2	ENE	1	0	36	98	-	2-3000	Nb	10	-	-	999.8	+6	SW	4	0	36	92	9	2-3000	St.	2	Ast	3	-
Flamborough Hd.	991.7	0	WSW	7	0	51	92	5	1-1500	St.	4	-	-	1002.8	+12	NW	6	0	40	92	5	2-3000	St.	8	Ast	2	-
Felixstowe ...	1001.5	+2	WSW	5	0	55	82	4	-	-	-	-	-	1008.8	+7	WSW	5	0	47	87	4	1-2000	St.	5	Fa.	2	3
Cranwell (Lincs)	996.2	+1	W	7	0	51	92	3	2-3000	St.	4	Ast	2	1005.7	+8	WSW	5	0	45	92	4	2-3000	St.	4	Ast	2	-
Shoeburyness...														1009.4	+8	WSW	6	0	48	82	7	2-3000	St.	3	Ast	4	-
Benson ...														1010.0	+6	WSW	4	0	46	87	7	-	St.	7	-	-	-
London (Kew Ob.)	1004.2	+2	S	3	0	48	75	6	-	-	-	-	-	1010.7	+4	W	5	0	48	75	7	1-2000	St.	2	Ast	3	-
STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.														24 HOURS ENDED 7H. 13th													
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		WEATHER.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.							
			at M.S.L. mb.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Dir.	Force	Max. °F.	Min. °F.				Morning.	Afternoon.	Night.										
			7H. G.M.T. of 13th														24 HOURS ENDED 7H. 13th										
Lerwick ...	987.0	32	W	2	bc	988.5	+3	25	W	5	bc	3	3	42	30	bc.	bc.	comp	0.1								
Stornoway ...	987.0	34	W	2	c	995.0	+3	37	W	2	c	2	2	40	39	cp.	cp	c	0.0								
Castlebay (Barra Is)	987.9	39	N	2	or	997.8	+4	37	-	0	r	2	4	46	37	op.	op.	topr	0.0								
Glasgow ...	991.8	39	SW	2	r	1001.4	+4	37	SW	2	0	6	43	34	34	c.od.p	omp.	omp.	0.0								
Main Head ...	986.0	37	S	3	omr	1000.1	0	43	W	3	W	3	11	47	36	a	oa	c	0.0								
Blackod Point ...	984.5	52	W	4	cq	1001.1	+3	45	WNW	4	-	4	8	33	40	omr	cpq	cq omr	0.0								
Roche's Point...	994.3	54	WSW	7	0	1010.4	+1	44	WSW	5	-	5	4	54	40	omr	omr	omr	0.0								
Birr Castle ...	990.5	54	W	6	r	1004.4	0	45	S	3	-	6	54	39	39	cor	or	cqr	0.0								
Doughadee ...	990.5	40	S	3	omr	1003.5	+3	44	WSW	4	-	2	6	52	38	omr	omr	omr	0.0								
Liverpool (Widston)	992.4	41	SE	4	r	1006.3	+4	44	W	5	W	bcq	6	4	52	43	-	or	ofg bc	0.0							
Holyhead ...	991.2	49	S	6	agst	1007.4	+4	45	WSW	5	W	bc	4	8	50	41	-	or	ofg bc	0.0							
Pembroke (St. Ann's Head)	998.9	52	WSW	8	og	1011.7	+4	48	WSW	4	-	6	4	52	44	-	or	ofg bc	0.0								
Scilly (St. Mary's)	1006.8	52	W	6	omr	1013.5	+3	50	W	3	-	omd	5	3	52	48	omr	omr	omd	0.0							
Jersey (St. Aubin)	1012.9	52	SW	6	odp	1014.9	+1	50	SSW	3	-	omd	4	3	54	49	c.odp.	odp	omd	0.0							
Portland Bill ...	1006.2	50	WSW	6	og	1012.8	+3	49	W	5	-	c	6	5	52	46	c.or	rog	oc	0.0							
Dunegness ...	1002.0	49	SW	7	og	1009.9	+5	48	WSW	6	-	b	7	1	50	45	cq.p.	or.cq	g.or.c	0.0							
Wick ...	986.8	38	SW	2	omr	994.7	+4	35	W	2	-	bc	2	-	42	33	bc.com	omr	omr	0.0							
Nairn ...	987.5	38	-	0	c	994.7	0	36	-	-	-	bc	1	trace	42	34	pcg	cg	odg bc	0.2							
Leith ...	990.8	41	WSW	2	0	1000.3	+3	36	SW	2	SW	c	2	6	44	34	bcuo	og	odg bc	0.0							
Tynemouth ...	992.8	43	W	3	omr	1002.4	+7	37	SW	3	-	em	3	8	45	36	omr	omr	omr	0.0							
Spurn Head ...	993.8	42	SSW	5	cp	1002.8	+13	44	W	5	-	cq	5	2	46	37	c	c	cq	0.0							
Yarmouth (Gorleston)	1000.6	43	WSW	4	r	1003.6	+8	49	WNW	6	-	bcq	6	3	55	41	bc.c	omr	comr	1.3							
Clacton-on-Sea	995.7	43	SSE	3	0	1007.8	+5	47	W	5	W	bc	4	3	53	41	bc.com	omr	ogd bc	0.0							
Nottingham ...						1006.2	0	47	W	3	W	c	1	3	42	42	c.o	sp.	ofg	0.0							

* Information for these columns not usually received.

† The barometric change is expressed in millibars.

‡ Lonside at 11.

SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 13th January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W 10-20	Mild	Fair to fine	Good	Rough
2. E. England	W-NW 25-40	R.Mild	Fair, squally.	Indiff.	R.Rough
3. E. Midlands	W 5-15	Mild	Cloudy	Fair	-
4. W. Midlands	W 10-20	R.Mild	Cloudy	Fair	-
5. S.W. England	SW-W 10-20	"	Dull	Good	R.Rough
6. South Wales	SW-W 10-15	"	Cloudy	Fair	Rough
7. North Wales	SW-W 15-20	"	Fair	"	R.Rough
8. N.W. England	S-W 10-20	"	Fair, squally	Fair	Rough
9. N. Midlands	W-NW 20-30	"	Fair, squally	"	-
10. N.E. England	SW-NW 10-20	Normal	Cloudy	"	Slight
11. E. Scotland	SW 0-10	Normal	Fair	Good	Smooth
12. S.W. Scotland	S-SW 10-15	"	Fair to overcast	Good	Slight
13. Isle of Man	SW-W 10-15	"	Cloudy	Good	Mod.
14. N. & N.W. Scotland	SW-W 0-5	"	Fair	Good	Slight
15. Hebrides	W 0-5	R.Cool	Cloudy	Indiff.	Smooth
16. Orkneys and Shetlands	W 5-15	"	Fair, some mist	"	Slight
17. N.W. Ireland	W-NW 5-15	Normal	Cloudy, squally	Fair	Mod.
18. N.E. Ireland	SW-W 5-10	"	Cloudy, passing showers	Fair	Slight
19. S.E. Ireland	S-W 5-10	R.Mild	Dull	Good	Mod.
20. S.W. Ireland	SW-W 10-15	"	"	"	Slight

GENERAL INFERENCE from observations received up to 9 a.m.

Conditions are favourable for the development of secondary disturbances over the British Isles, which will cause a continuance of unsettled weather.

EXPLANATION
 BAROMETER.—Isobars are shown at intervals of two millibars.
 WIND.—Direction is shown by flying with the wind. Force in 0-12 is indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.
 TEMPERATURE.—Isotherms are shown at intervals of 1°.
 WEATHER SYMBOLS.—
 ☉ clear sky. ☁ sky & cloud. ☂ overcast sky.
 * snow. ▲ hail. ☌ fog.
 T thunder. R rain.
 SEA DISTURBANCE.—
 Rough. High.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 13th January, 1920.
1. S.E. England	Moderate or fresh Westerly breezes; varying amount of low cloud, entirely covering sky at times; some showers; normal visibility; mild.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate W. or S.W. breezes, perhaps becoming strong again later; varying amount of low cloud, entirely covering sky at times; some showers; normal visibility; mild.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Mod. W. or S.W. breezes; varying amount of low cloud, entirely covering sky at times; some showers; normal visibility; mod. temp.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Same as 4 - 10.
14. N. & N.W. Scotland	Same as 11 - 12.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Same as 4 - 10.
19. S.E. Ireland	
20. S.W. Ireland	

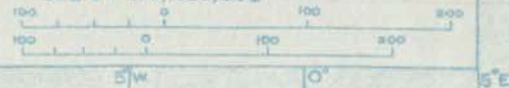
There are indications of another depression moving Westward of Ireland so that mild, unsettled weather is likely to continue for more than 24 hours.

SYNOPTIC CHART FOR MORNING OF TUESDAY, 13th JANUARY, 1920.

Scale - 1:110,000,000

Nautical Miles.

Statute Miles.



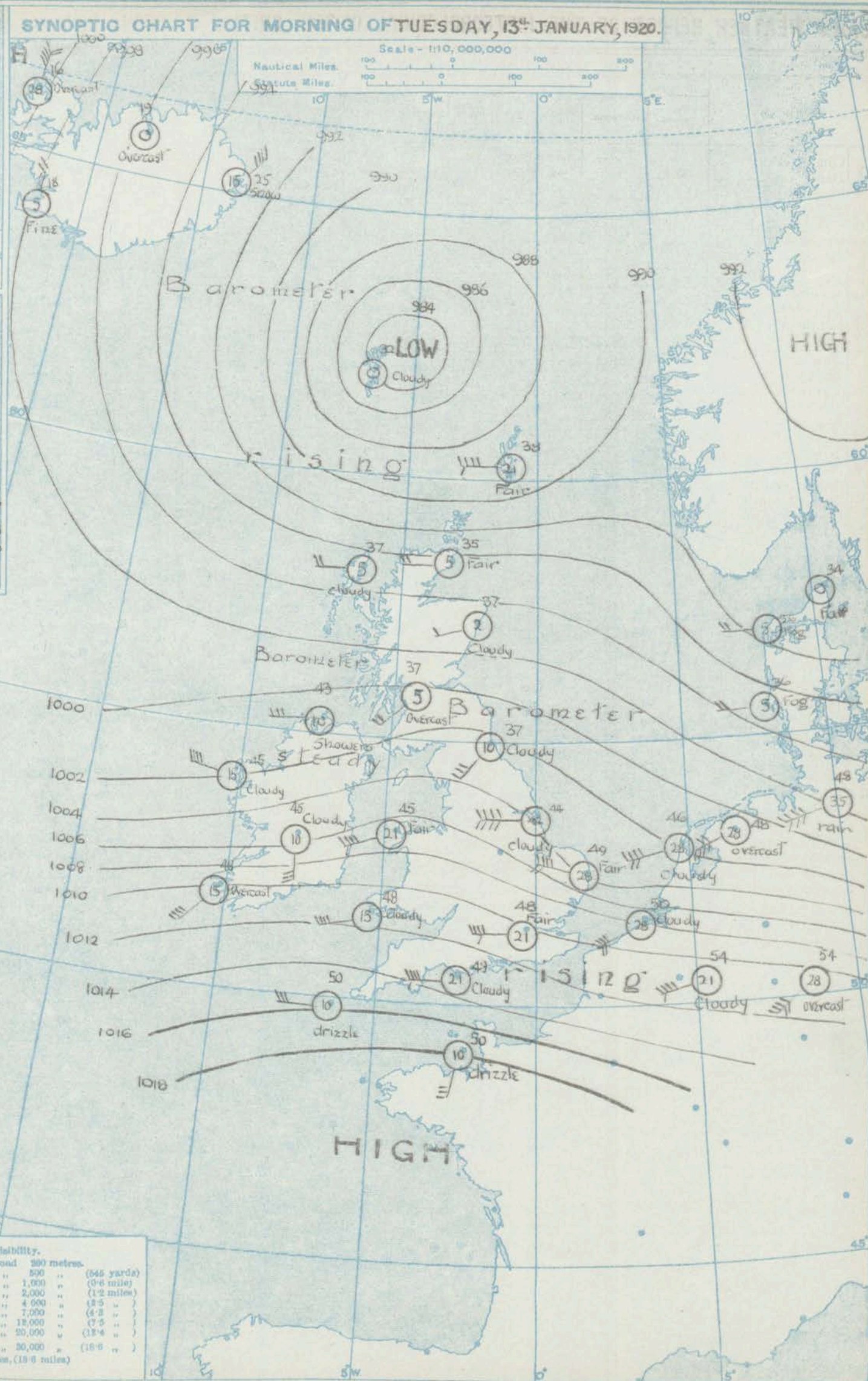
Lower Cloud

TEMPERATURE,
WEATHER,
SEA.



ANATION
obers are
0 millibars
is shown
wind. Force
ated by the
velocity is shown
ares in small
is given in
0.1
sky, rain
sky, rain
hall, fog
R. thunder
WOL. Right
ther Outlook

e are in
ons of
r depre
rd of in
t mild
ed west
ely to
for more
4 hours



Scale of Surface Visibility.

Symbol	Visibility	Objects not visible beyond	Scale
0	Very Bad	0	(0 yards)
1	Bad	200	(200 yards)
2	Very Poor	500	(500 yards)
3	Poor	1,000	(1,000 yards)
4	Indif	2,000	(2,000 yards)
5	Fair	4,000	(4,000 yards)
6	Good, above ord.	7,000	(7,000 yards)
7	Vy. gd., unusual	10,000	(10,000 yards)
8	Escep good	20,000	(20,000 yards)
9	Objects visible beyond	30,000	(30,000 yards)

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

STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-12h.	Day. 9h-12h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-12h.	Day. 9h-12h.	Sunrise to Sun- set.
Scotland.						mm.	mm.	12 ^h	England, N.W.						mm.	mm.	12 ^h
	Oban	*	no p	45	35	3	3	0.0		Douglas (I.O.M.)							
	Banff	bc-b	bc-c	42	31	-	-	1.6		Blackpool	*	c.ov	45	33	3	4	0.0
	Montrose									Southport	c.ov	r	45	40	1	4	0.0
	St. Andrews	*	*	43	32	4	-	0.8									
England, N.E.									Midlands.								
	Harrogate	bc-o	o-c op	44	38	5	0.1	0.1		Buxton							
	Scarborough	bc	o	46	39	3	-	0.0		Leamington Spa	*	*	47	45	-	1	0.7
	Skegness	c.bc-o	or	47	41	1	1	1.1		Malvern	o	r.o	54	41	-	4	0.0
										Ross-on-Wye	oqdm	rygq	55	42	0.1	4	0.0
England, E.									Wales.								
	Lowestoft	c.o	or	48	41	2	0.1	0.0		Rhyl	-	-	47	40	2	3	0.0
	Felixstowe	bcopl	bcy.ogmr	47	43	2	1	0.0		Colwyn Bay	*	*	44	40	3	5	0.0
	Southend-on-Sea	o	or	48	44	-	2	0.0		Llandudno	*	*	48	40	3	6	0.0
										Aberystwyth	r.o	c.o	49	43	*	*	0.0
England, S.E.									England, S.W.								
	Tunbridge Wells	o	o.d.o	51	44	-	1	0.0		Weymouth	orq.r	oq	52	44	1	6	0.0
	Margate	c	or	51	46	-	2	0.0		Teignmouth							
	Ramsgate	+	o.d	47	42	2	2	0.0		Torquay	or	or	54	46	1	4	0.0
	Folkestone	or	r	47	43	-	4	0.0		Paignton	or.ong	bcpg	53	46	1	5	0.0
	Hastings	o	or	51	45	0.3	1	0.0		Penzance	or.c	o.d	53	49	2	1	0.0
	Eastbourne	o	or.o	52	46	1	2	0.0		Newquay	or.m	o.d	52	45	4	5	0.0
	Brighton	o	r.o	50	45	-	2	0.0		Bude	g	r	52	45	1	7	0.0
	Worthing	o	rdy	48	45	-	1	0.0		Ilfracombe	or	oq	53	46	-	1	0.0
	Littlehampton	+	ogrog	51	50	-	2	0.0		Weston-s-Mare	or	r	53	45	1	1	0.0
	Bournemouth	*	*	52	45	5	2	0.0		Bath	or	r.o	57	36	*	*	2.1
	Ventnor (I. of W.)	*	*	50	44	-	2	0.0									

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-13h.	13h-18h.	Max. °F.	Min. °F.	Night. 12h-12h.	Day. 9h-12h.	Sunrise to Sunset. 12h.	Sun. Hours.
Eskdalemuir	bc.c.opo	oqdm	41	33	29	1	4	0.0
Valencia (Cahireveen)	or	ono	56	44	43	7	1	0.0
Baldonnel	or	qz	51	41	*	*	*	*
Anglesey (Llangefni)	rq	rqdm	52	47	48	9	3	0.0
Falmouth	pdz	opd	52	45	*	*	*	*
Calshot (Hants)	c.o	ofz	*	*	*	*	*	*
Exeter	b.bc	bc.cos	44	35	29	-	-	1.2
Aberdeen	qz	3.g	52	44	33	*	*	*
East Fortune	c.oq	eq	52	40	*	*	*	*
Flamborough Head	oq	qz	55	40	*	*	*	*
Felixstowe	c.b.o	bc.c	54	41	*	*	*	*
Cranwell (Lincs)	c.o	om	55	42	*	*	*	*
Shoeburyness	c.o	or	56	42	*	*	*	*
Benson	bc.c.or	or	56	44	40	1	Trace	*
London (Kew Obs.)	bc.c.or	or	56	45	45	2	Trace	0.0

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered),
bc sky partly cloudy (one half covered),
c generally cloudy (three quarters covered),
d drizzle, or fine rain.
e wet air without rain falling.
f fog, g gloom.
h hail, i lightning.
m mist, o overcast sky.
p passing showers.
q squalls, r rain.
rs sleet, i.e., rain and snow together.
s snow, t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew, x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 1=moderate, 2=heavy. Underlining is used to express continuity.

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 30 feet above ground.

No.	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.8
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.6
12	Above 76	33.7 or above

SYMBOLS—

Aurora ☄ Solar halo ☉
Rime ☄ Lunar halo ☉
Glazed frost ☄ Solar corona ☉
Glazed roads ☄ Lunar corona ☉

LONDON OBSERVATIONS.

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall.	Sun- shine to Sunset. Hours.	HUMIDITY %	
	Morning.	Afternoon.	Night.				mm.		15 h. G.M.T.	9 h. G.M.T.
	24 HOURS ENDED 9h G.M.T. 13 th							YESTERDAY.		TO-DAY.
Greenwich (Royal Observatory)	od	od	0	58	44	40	0.1	0.0	92	77
City (Banhill Row)	*	*	*	*	*	*	*	*	*	*
Westminster (St. James's Park)	or	+	obe bc	47	45	41	2.1	*	89	77
(Admiralty Arch)	omq	omq omq	odg 38 39 40	37	46	*	1.6	*	91	70
Camden Sq. (British Rainfall)								*		
Kensington Palace	or	or	*	57	45	42	5	*	78	81

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	YESTERDAY.		TO-DAY.	
	15 h. G.M.T.	9 h. G.M.T.	15 h. G.M.T.	9 h. G.M.T.
Total	149	100	149	100
Average Rate.	5.1	5.1	5.1	5.1
Maximum Rate.	16	16	16	16

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

13 th & 14 th January 1920			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	8.1	12.2	4.3
Greenwich	8.0	12.2	4.4
Wick	8.55	12.21	3.46
Valencia	8.46	12.50	8.54

NOTES ON THE WEATHER OF YESTERDAY.

The temperature reached 57° in London and at Weston-s-Mare. In Scotland, however, it did not much exceed 40°. Moderately large falls of rain occurred at many stations, 12 mm at Falmouth being the largest. There was little or no sunshine. A gale swept across England and the South of Ireland during the night.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No 21237.B

Wednesday...14th...January.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.				
			0-12.	0-10.						0-10.	0-10.	0-10.	0-10.				0-10.	0-10.						0-10.	0-10.				
13H. G.M.T. ... 13 th															18H. G.M.T. OF ... 13 th														
Eskdalemuir ...	1003.3	0	WSW	4	or	39	92	6	-	Nb	10	-	-	-	1004.5	+1	SW	4	0	38	87	6	-	St	10	-	-	-	
Valencia (Cahire'n)	1011.9	-1	SW	4	C	49	75	8	2-3000	St	5	Sc	3	5	1012.7	+2	W	5	6	46	75	8	2-3000	St	3	-	-	5	
Baldonnel ...	1009.9	+1	SW	4	0	49	92	4	12-2000	St	3	Sc	7	-	1007.2	-2	S	5	19	49	92	3	12-2000	St	10	-	-	-	
Anglesey (Llanfyllter)																													
Falmouth ...	1016.3	-2	WSW	4	omv	50	92	4	-	St	10	-	-	-	1014.0	-2	WSW	5	orq	49	92	2	-	Nb	10	-	-	-	
Calshot (Hants) ...	1015.9	+1	WSW	3	0	49	92	5	2-3000	St	6	Sc	4	3	1013.4	-1	WSW	5	0	47	98	4	1-1500	Nb	10	-	-	3	
Capel (Folkestone)	1014.4	+1	SW	2	0	49	87	5	3-4000	St	3	Sc	7	3	1015.0	0	W	4	0	45	98	5	1-1500	St	10	-	-	4	
Aberdeen ...	999.6	0	SW	2	r	36	92	4	-	Nb	10	-	-	2	1002.3	+5	WSW	2	bm	34	98	4	-	St	2	-	-	2	
East Fortune ...	1000.3	-1	WSW	5	bc	41	82	5	3-4000	St	4	Sc	1	-	1002.6	+4	W	3	0	40	92	-	2-3000	St	3	Sc	6	-	
Flambor'gh Hd.	1003.4	-4	SW	5	C	43	92	4	3-4000	St	4	Sc	4	-	1007.2	+4	WSW	5	6	41	82	5	2-3000	St	2	Sc	1	-	
Felixstowe ...	1013.4	+2	W	2	0	50	87	1	2-3000	St	10	-	-	4	1011.7	-2	WSW	2	0	44	92	4	12-1000	St	9	-	-	3	
Cranwell (Lincs)	1009.6	+2	SW	5	C	47	75	6	2-3000	St	2	Sc	5	-	1009.5	0	WSW	4	bc	44	82	6	2-3000	St	3	Sc	2	-	
Shoeburyness ...	1014.3	+3	SW	3	0	49	87	3	12-2000	St	9	-	-	-	1012.0	-2	WSW	3	omv	46	92	2	12-2000	St	10	-	-	-	
Benson ...	1012.9	+2	WSW	4	0	49	75	6	-	-	-	-	-	-	1012.6	-1	SW	2	0	47	87	6	-	St	10	-	-	-	
London (Kew Obs.)	1014.1	+2	W	3	C	50	65	7	2-3000	St	1	Sc	7	-	1012.5	-3	SW	4	0	49	82	5	2-3000	St	10	-	-	-	
1H. G.M.T. OF ... 14 th															7H. G.M.T. OF ... 14 th														
Eskdalemuir ...	1005.6	+6	NNE	6	omv	32	98	4	-	Nb	10	-	-	-	1018.4	+7	NW	5	bv	31	75	10	-	-	-	-	-	-	
Valencia (Cahire'n)	1021.1	+3	W	6	bc	45	-	-	-	-	-	-	-	-	1024.8	+2	NE	1	b	36	92	8	-	-	-	-	-	-	
Baldonnel ...															1026.0	+7	SW	2	bx	31	98	4	-	-	-	-	-	-	
Anglesey (Llanfyllter)																													
Falmouth ...	1018.6	+5	W	7	bc	45	65	5	-	St	2	-	-	-	1025.7	+7	NNW	2	b	42	75	6	-	-	-	-	-	-	
Calshot (Hants) ...	1003.7	0	W	5	bc	45	75	5	2-3000	St	4	-	-	3	1020.9	+4	WNW	6	cq	44	82	6	2-3000	St	8	-	-	3	
Capel (Folkestone)	999.5	-3	SW	5	f	43	98	0	<500	St	10	-	-	-															
Aberdeen ...															1012.3	+8	WNW	6	b	37	55	7	-	-	-	-	-	2	
East Fortune ...	1005.7	+8	NNE	5	S	33	98	-	12-2000	Nb	10	-	-	-	1015.8	+7	W	4	b	35	82	-	-	-	-	-	-	-	
Flambor'gh Hd.															1014.7	+8	N	9	bc	40	75	5	12-2000	St	5	-	-	-	
Felixstowe ...	1006.3	-6	WSW	2	0	45	98	4	1-1500	St	10	-	-	2	1012.9	+7	WNW	5	orq	41	92	4	2-3000	St	10	-	-	3	
Cranwell (Lincs)	1005.4	0	W	4	bc	48	92	4	2-3000	St	3	Sc	1	-	1017.1	+9	NNW	3	bc	35	92	5	2-3000	St	3	Sc	3	-	
Shoeburyness ...															1013.6	+7	WNW	6	0	41	75	7	1-1500	St	8	-	-	-	
Benson ...															1018.3	+14	NW	6	0	39	75	-	-	St	10	-	-	-	
London (Kew Obs.)	1008.9	0	*	*	b	*	*	*	*	*	*	*	*	*	1016.7	+12	NW	5	orq	41	75	7	12-2000	Fr	8	Sc	2	-	

STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.

STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Dir.	Force 0-12.		M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
18H. G.M.T. of ...13 th ...						7H. G.M.T. of ...14 th ...								24 HOURS ENDED 7H. ...14 th ...							12 th ...
Lerwick ...	996.1	36	WNW	3	cm	1011.5	+8	38	0	E	5	-	bcn	4	3	40	29	bcn	cm	cmd	*
Stornoway ...	1002.8	37	NW	3	c	1014.6	+6	35	-2	NW	2	-	b	1	-	40	-	bc	c	b	1.3
Castell Bay (Barrals)	1002.5	35	NW	4	0	1017.7	+4	39	-	W	4	W	0	4	12	39	34	r	rso	obchp	0.1
Glasgow ...	1003.4	36	W	2	r	1018.7	+7	33	-4	W	2	-	b	5	9	43	31	cap	bcn	or os. b	1.1
Main Head ...	998.3	40	SSW	4	cp	1018.6	+3	40	-3	SW	3	SW	bc	3	5	46	36	cp	cp	bc	2.1
Blacksod Point ...	1003.0	43	WNW	5	cqr	1022.1	+2	35	-10	WNW	1	-	bc	3	2	48	33	bc	cpq	bcq. bc	*
Roche's Point...	1012.6	43	W	5	c	1026.2	+4	39	-8	-	0	-	b	3	2	48	38	0	o.c	cpq. b	*
Birr Castle ...	1008.9	?	SW	2	c	1023.1	*	34	-11	SW	1	-	bc	*	4	47	32	cqr	e	bex	2.7
Donaghadee ...	1004.6	48	W	4	omgr	1020.9	+7	35	-6	WSW	2	-	b	1	2	46	32	cp	cm	bcnq	*
Liverpool (Bidston)	1008.5	42	SSW	3	0	1020.8	+13	37	-7	NW	4	-	b	4	3	53	34	bc	ct	rhlg. b	0.3
Holyhead ...	1008.3	45	SW	4	b	1022.0	+10	41	-4	N	5	-	b	5	3	47	38	bc. cqr	o.c. bc	cp. bc	0.0
Pembroke (St. Ann's Head)	1011.9	48	WSW	4	C	1024.5	+8	40	-8	NW	3	-	b	5	1	48	39	0	o.c	c. bcq	0.0
Scilly (St. Mary's)	1015.7	48	W	5	c	1026.3	+4	45	-5	NNW	4	NW	bc	6	3	50	45	om	om. c	b. bc	0.0
Jersey (St. Aubin)	1016.1	50	WSW	3	omr	1025.1	+3	46	-4	NW	3	NW	bc	3	24	52	45	oam	omr	om. d	0.0
Portland Bill ...	1012.8	48	W	5	or	1021.2	+5	43	-6	NW	7	-	bcq	5	7	53	42	C	C. or	bcq	*
Dunegness ...	1013.1	46	WSW	3	0	1013.1	+6	43	-5	WNW	6	W	cq	5	7	49	40	bc	C. O	oro. eq	*
Wick ...	1000.5	33	W	2	b	1010.2	+5	36	+1	NW	2	-	bc	2	3	37	29	bc. cm	bc	bc. oph	*
Nairn ...	1002.1	34	-	0	C	1014.9	*	35	-1	-	0	-	ou	1	1	37	32	p. cqr	bc. cp	cgpr	1.0
Leith ...	1002.2	41	SW	2	0	1016.1	+4	33	-3	WSW	2	-	b	2	9	43	32	C. o. p. c	cm. o. g. o	oro. c. b	*
Tynemouth ...	1003.8	42	W	3	bm	1015.8	+7	35	-2	WNW	4	-	bq	2	3	45	34	bcn	bcn	om. v. r	*
Spurn Head ...	1006.7	43	W	4	bc	1013.0	+11	40	-4	WNW	7	-	cqr	5	-	46	35	cp	bc	om. c	*
Yarmouth (Gorleston)	1000.8	46	W	2	bc	1009.4	+4	40	-9	NW	4	-	c	2	3	49	39	bcq. bc	bc	bc. op	1.6
Clacton-on-Sea ...	1011.4	44	SSW	3	0	1012.0	+6	42	-5	WNW	4	NW	c	3	5	50	41	bc. c	C. og	og. v. c	0.8
Nottingham ...	1009.7	45	W	3	b	1018.6	*	38	-9	NW	3	-	b	1	1	49	37	C. O	O. cm	bep	1.6

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 1H.

SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 14th January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W-NW. 15-25	R. mild	Dull, squally.	Good	R. rough
2. E. England	NW. 15-25	Normal	Fair to dull, squally.	Var.	Slight
3. E. Midlands	NW. 10-20	"	Variable, fine to over-cast.	Good	"
4. W. Midlands	NW. 15-25	"	Fair generally.	"	"
5. S.W. England	NW-N. 0-10	"	Fine to fair.	"	Rough
6. South Wales	NW-N. 5-10	R. cool	Fine	"	R. rough
7. North Wales	NW-N. 10-15	Normal	Fine	"	"
8. N.W. England	NW. 10-15	R. cool	Fine	"	Mod.
9. N. Midlands	W-NW. 10-15	Normal	Fine	"	"
10. N.E. England	W-NW. 10-20	R. cool	Fine, squally.	"	Slight
11. E. Scotland	W-NW. 10-15	"	Fine	"	"
12. S.W. Scotland	W-NW. 10-15	"	Fine	Exceptional V. good	Smooth
13. Isle of Man	W-NW. 10-15	"	Fine	"	Slight
14. N. & N.W. Scotland	NW-N. 0-10	"	Variable, fine to over-cast.	"	Smooth
15. Hebrides	NW. 0-5	"	Fine.	Good	Slight
16. Orkneys and Shetlands	N-E. 10-20	"	Fair	"	Mod.
17. N.W. Ireland	W-SW. 0-10	"	Fair to fine.	"	Slight
18. N.E. Ireland	W-NW. 0-5	Cool	Fair	"	"
19. S.E. Ireland	Indefinite	"	Variable, fine to over-cast.	"	"
20. S.W. Ireland	W-NW. 0-5	"	Fine to fair.	"	Mod.

GENERAL INFERENCE from observations received up to 9 a.m.

There are indications of a new depression off the west of Ireland which will cause the wind to back and become stronger and the weather to become cloudy and unsettled again after a brief spell of finer weather.

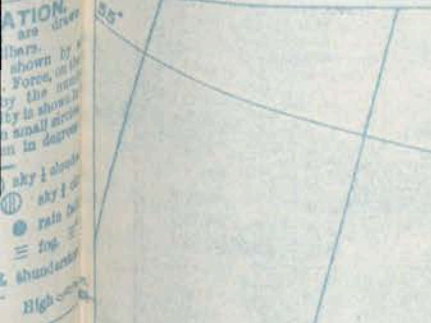
EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of two millibars.
 WIND.—Direction is shown by a line flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.
 TEMPERATURE.—Isobars are drawn at intervals of 1°.
 WEATHER SYMBOLS.—
 ☉ clear sky. ☁ sky & clouds. ☂ sky & rain. ☄ overcast sky. ☄ rain & snow. * snow. * hail. T thunder. R thunder & rain.
 SEA DISTURBANCE.—
 Rough. High.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 14th January, 1920
1. S.E. England	Moderate or fresh NW. wind, backing and becoming stronger again before long. Fine at first, much low cloud and some rain later. Visibility good but deteriorating. Temperature rising.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate or fresh W. breeze, backing and becoming stronger. Increasing amount of low cloud, some rain, Visibility good but deteriorating. Temperature rising.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Same as for 1-4
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Same as for 5-9
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	Light W. or NW. breeze, backing and freshening later. Varying amount of low cloud, increasing in amount later. Visibility indifferent. Cold, then somewhat milder.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Light W. or SW. breeze, backing and freshening, Increasing amount of low cloud, some rain. Visibility deteriorating. Milder.
19. S.E. Ireland	
20. S.W. Ireland	

Scale - 1:10,000,000



6. $\frac{1}{2}$



WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR ... 13 TH ...																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h. 12 ^h -6 ^h	Day. 9h-12h. 12 ^h -4 ^h	Sunrise to Sun- set. 12 ^h			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h. 12 ^h -6 ^h	Day. 9h-12h. 12 ^h -4 ^h	Sunrise to Sun- set. 12 ^h
Scotland.	Oban	*	r.o.cod	42	34	mm. 12	mm. 8	0.4	England, N.W.	Douglas (I.O.M.)							
	Banff	c.o	c.bc	37	33	-	-	0.3		Blackpool	c.o.c.o	o.c	46	39	4	-	0.0
	Montrose									Southport							
	St. Andrews	*	*														
England, N.E.	Harrogate	b.bc.cp	o.c.bc	45	38	4	0.1	1.2	Midlands.	Buxton			56	43	-	-	1.3
	Scarborough	b	b	51	39	4	-	2.2		Leamington Spa	*	*	50	45	-	-	0.6
	Skegness	b.bc	bc.o	48	42	1	-	2.1		Malvern	b.bc	c.o	51	40	-	-	0.9
										Ross-on-Wye	cq.oq	o	51	40	-	-	0.9
England, E.	Lowestoft	bc.c.o	o	55	44	2	-	1.4	Wales.	Rhyl	p.o	o	48	40	1	-	0.0
	Felixstowe	cg.q	og.m	50	43	2	-	0.8		Colwyn Bay	*	*	49	41	1	-	0.0
	Southend-on-Sea	o.c.o	o	49	42	-	-	0.3		Llandudno	*	*	56	44	1	-	0.0
										Aberystwyth	r.o.c	c.o.c	48	44	*	*	0.0
England, S.E.	Tunbridge Wells	o.bc	bc.o	52	45	-	-	0.4	England, S.W.	Weymouth	c	c.or	52	48	0.2	0.4	0.2
	Margate	c	c	52	44	-	-	0.0		Teignmouth							
	Ramsgate	*	o	51	40	1	-	0.2		Torquay	o.bc.o	o.or	51	49	-	0.1	0.5
	Folkestone	og	o	51	43	0.3	*	0.4		Paignton	bc.c	op.bc	51	48	1	1	0.5
	Hastings	o.bc.b	bc.o	52	47	0.4	-	3.1		Penzance	or	or.c	52	49	2	3	0.0
	Eastbourne	o.c	c.o.c	50	47	0.2	-	0.7		Newquay	o	or	50	48	1	2	0.0
	Brighton	o.c	o	49	45	-	-	0.6		Bude	-	-	53	47	1	4	0.0
	Worthing	o	o	50	45	-	-	0.6		Ilfracombe	o.c.o	omr	50	46	-	0.4	0.0
	Littlehampton	*	o.bc.pn	52	46	-	0.2	0.5		Weston-s-Mare	bc.c	c	48	44	-	-	0.2
	Bournemouth	*	*	51	45	4	0.3	0.5		BATH.	bc.bc	o	58	47	*	*	0.1
	Ventnor (I. of W.)	-	-	50	45	-	-	0.5									

STATIONS.		SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		7h-13h.	13h-19h.	19h-1h.	1h-7h.				Day. 7h-18h.	Night. 18h-7h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
		Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		14 th 15 th JANUARY 1920			
24 HOURS ENDED 9h G.M.T. 14 th									YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.	
												Total..... Jones.	G.M.T.	G.M.T.	G.M.T.	
Greenwich (Royal Observatory)	c	o	o.c.v	51	39	32	6	0.9	76	71	Total..... 231..... Jones. Milliwatts. Average Rate. 7.5 Maximum Rate. 20	Yarmouth...	8.0	12.2	4.44	
City (Bunhill Row)	*	*	*	*	*	*	*	0.1	*	*		Greenwich	7.59	12.2	4.5	
Westminster (St. James's Park)	*	*	*	52	39	34	5	0.4	74	70		Wick	8.2	12.9	4.16	
" (Admiralty Arch)	begin	am o	or 2.09	53	41	*	4	0.5	76	71		Valencia	8.1	12.9	4.17	
Camden Sq. (British Rainfall)			*	51	38	35	3	*	74	74			8.54	12.21	3.50	
Kensington Palace	o	o	*	51	38	34	5	*	18.84	76		8.53	12.21	3.50		
													8.46	12.50	4.06	

NOTES ON THE WEATHER OF YESTERDAY.

The temperature did not reach 40° in parts of Scotland, but was up to or slight over 50° in the south of England. Thunder or lightning occurred at Birr Castle, Holyhead and Liverpool. Rain fell generally, 24 mm. at Jersey and 16 mm. at Eskdalemuir. Sunshine records were again poor. Gales from between W. and N. visited some parts of the country during the night.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 2138 B

THURSDAY, 15TH JANUARY... 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather	TEMP. °F.	% Humidity.	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather	TEMP. °F.	% Humidity.	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea																
			Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				0-9.	Direc.						Force 0-12.	Form.	Amt. 0-10.	0-9.																	
13H. G.M.T. 14 th															18H. G.M.T. OF 14 th																													
Eskdalemuir ...	1024.8	-6	WSW	4	b	35	75	7	-	-	-	-	-	1024.0	+1	-	0	0	29	87	6	-	St	10	-	-	-																	
Valencia (Cahire'n)	1022.5	-5	SSE	6	o	47	75	8	3-4000	St	4	A-st	6	5	1013.9	-2	S	5	0	49	92	4	1-1000	St	10	-	-	5																
Baldonnell ...	1027.1	0	S	3	ox	4.0	82	4	-	-	-	A-st	10	-	1023.4	-4	S	5	0	41	92	3	1-2000	St	7	A-st	3	-																
Anglesey (Llangefni)																																												
Falmouth ...	1030.9	+2	ESE	1	o	46	65	7	-	st.	2	A-st	8	-	1030.6	+1	SSE	4	0	44	75	3	-	St	10	-	-	-																
Calshot (Hants) ...	1030.8	+3	N	4	b	43	75	6	1-1500	st.	1	-	-	3	1032.6	+3	N	0	6	42	75	3	2-3000	St	2	-	-	3																
Capel ...	1027.2	+6	NNW	3	2	39	75	3	-	-	-	-	-	-	1027.0	+4	NNW	3	6	34	75	3	-	-	-	-	-	-																
Aberdeen ...	1020.7	+8	WNW	5	b	39	55	8	-	-	-	-	-	3	1024.0	+1	SW	2	bcz	34	65	6	-	-	-	A-st	4	8																
East Fortune ...	1023.6	+8	W	4	bz	39	82	5	2-3000	st.	1	-	-	-	1025.1	+1	S	1	bcz	35	82	-	3-4000	St	5	-	-	-																
Flamborough Hd.	1024.1	+6	NW	6	2	39	75	7	-	-	-	-	-	-	1027.8	+2	W	4	0	35	82	4	-	-	A-st	9	3																	
Felixstowe ...	1027.3	+6	NW	3	b	42	75	7	-	-	-	-	-	-	1032.4	+6	W	2	0	37	87	6	1-2000	St	2	-	-	-																
Cranwell (Lines)	1027.2	+6	WNW	3	c	39	75	4	2-3000	st.	1	A-st	6	-	1030.4	+2	S	2	c	34	75	4	2-3000	St	3	A-st	4	-																
Shoeburyness...	1027.6	+7	NNW	4	b	42	75	8	-	-	-	-	-	-	1032.0	+6	-	0	bfz	35	82	-	1-2000	St	1	-	-	-																
Benson ...	1029.0	+6	NW	1	b	42	55	5	-	-	-	-	-	-	1032.0	+2	W	1	b	34	67	6	-	-	-	-	-	-																
London (Kew Obs.)	1029.1	+7	NW	3	bz	42	65	6	-	-	-	-	-	-	1032.8	+4	SW	1	bm	37	75	2	-	-	-	-	-	-																
1H. G.M.T. OF 15 th															7H. G.M.T. OF 15 th																													
Eskdalemuir ...	1023.2	-4	S	3	o sm	32	92	5	-	Nb	10	-	-	-	1019.1	-2	SW	5	ofc	39	98	0	1-1000	St	10	-	-	-																
Valencia (Cahire'n)	1022.4	0	S	3	bcp	50	x	x	x	x	x	x	x	2	1024.7	+2	S	3	b	50	92	7	2-3000	St	1	-	-	4																
Baldonnell ...															1023.5	+3	WSW	4	bc	49	92	3	1-2000	St	2	A-st	3	-																
Anglesey (Llangefni)																																												
Falmouth ...	1029.0	-3	SSW	4	o d	48	82	-	-	Nb	10	-	-	-	1028.9	+1	SW	4	or	50	92	3	-	Nb	10	-	-	-																
Calshot (Hants) ...	1031.4	-1	WSW	3	o	45	87	5	2-3000	St	10	-	-	3	1031.0	-1	SSW	4	o	45	98	5	1-2000	St	10	-	-	3																
Capel ...	1034.5	+5	?	1	3	40	75	5	1-1500	St	10	-	-	-	1025.0	-1	SW	5	o	40	92	4	1-2000	Nb	10	-	-	-																
Aberdeen ...															1014.4	-4	SSW	3	bc	39	92	6	-	-	-	A-st	8	2																
East Fortune ...	1020.7	-3	S	3	3	37	87	-	2-3000	Nb	4	-	-	-	1016.6	-5	WSW	4	bc	43	82	-	3-4000	St	4	-	-	-																
Flamborough Hd.	1028.0	-2	SW	5	q	37	75	4	-	-	-	A-st	10	-	1023.4	-4	SW	5	om	37	98	3	2-3000	St	10	-	-	-																
Felixstowe ...	1033.4	+2	SSW	1	of	39	92	5	1-1500	St	10	-	-	2	1021.0	-2	S	3	orq	41	98	3	1-2000	St	10	-	-	2																
Cranwell (Lines)	1029.6	-2	WSW	3	o	35	92	3	2-3000	St	10	-	-	-	1026.1	-1	SSW	3	o	39	92	4	2-3000	St	6	A-st	4	-																
Shoeburyness...															1030.6	-1	SW	6	om	44	92	6	1-2000	St	10	-	-	-																
Benson ...															1027.5	+1	SSW	4	o	45	92	-	-	-	-	-	-	-																
London ...	1031.6	-1	?	4	0	4	x	x	x	x	x	x	x	x	1030.0	-1	SW	3	om	45	82	4	1-2000	St	4	A-st	6	-																
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.															24 HOURS ENDED 7H. 15 th																													
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		DIREC. of Upper Cloud.	Weather.	SEA	RAINFALL mm.	TEMP.		WEATHER.			SUNSHINE Hours.																							
			at M.S.L. mb.	Change in 3 hours.		TEMP. °F.	Change in 24 hours.	Direc.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.																										
18H. G.M.T. OF 14 th															7H. G.M.T. OF 15 th															24 HOURS ENDED 7H. 15 th														
Lerwick ...	1022.1	34	SSE	1	bcm	1009.4	-8	40	+2	SW	4	-	omq	4	0.3	40	32	bcm	bcm	omp	0.3																							
Stornoway ...	1017.6	40	W	2	o	1005.2	-5	46	+11	S	6	-	omq	5	13	46	33	c	o	omq	0.3																							
Castlebay (Barra's)	1017.6	39	SSE	5	or	1010.7	+1	49		WSW	5	-	bc	6	2	49	37	hp bc	bc or	ro bc	0.3																							
Glasgow ...	1024.4	36	SW	2	om	1016.5	-2	44	+11	SSW	3	-	r	3	44	33	b bc o	com d	or spm	1.2																								
Main Head ...	1017.2	39	SSE	4	omd	1012.8	0	49	+3	SW	5	SW	cq	4	1	54	35	bc	c	cq	1.3																							
Blacksod Point	1014.3	45	SW	6	omq	1017.8	+5	49	+14	WSW	4	-	bc	3	3	52	33	bc	ogp	o cm	x																							
Roche's Point...	1024.4	46	SSW	6	omd	1026.6	+4	49	+10	NW	2	-	o	4	7	50	37	o	odm	do	x																							
Birr Castle ...	1019.8	43	SE	3	o	1022.6	-	48	+14	SW	1	-	o	1	49	34	o	o	oro	odc	0.2																							
Donaghadee ...	1023.6	41	SW	2	om	1019.1	+1	48	+13	WSW	3	-	bcm	3	4	48	32	bcm	bcm om	omd	x																							
Liverpool (Midston)	1028.1	37	SSE	2	o	1023.8	0	47	+10	SW	3	-	b	2	0.2	48	35	c	o	o.c.b	4.3																							
Holyhead ...	1026.0	42	SW	5	ogp	1023.2	+2	48	+7	SW	5	-	fe	4	3	48	39	b bc	bc o	od qe	2.8																							
Pembroke (St. Mary's Head)	1027.1	43	S	4	o	1020.7	0	48	+8	SSW	3	-	ofc	5	5	48	35	o	o or of	2.9																								
Scilly (St. Mary's)	1027.7	47	S	5	om	1028.8	+1	50	+5	SW	3	-	om	5	2	50	44	b c c	bc om	fd om	0.6																							
Jersey (St. Aubin)	1032.8	42	N	3	bm	1032.9	0	46	0	S	3	-	o	3	-	47	39	b c b	bm	bm	6.4																							
Portland Bill ...	1031.4	42	SSW	4	o	1029.7	-1	44	+1	SSW	5	-	op	4	0.2	46	40	b b c o	b c o	bc op	x																							
Dunageuss ...	1032.3	35	WNW	2	o	1030.7	-2	45	+2	SSW	6	SW	c	5	-	45	34	c g b	b	bc o g	x																							
Wick ...	1020.6	35	SW	2	bc	1007.6	-6	41	+5	S	4	-	omq	3	2	42	32	b c p s	bc	om q p	x																							
Nairn ...	1022.7	31	-	0	c	1008.9	-	44	+9	-	0	-	bc	1	1	44	30	bc c	bc c	cp bc	4.1																							
Leith ...	1024.4	36	S	1	o	1015.4	-1	43	+10	SW	3	SW	bc	2	0.4	44	33	b bcm c	c o u o	od o g c	x																							
Tynemouth ...	1026.8	38	NW	2	bcm	1020.7	-1	36	+1	WSW	3	SW	om	3	-	39	33	om	bcm	om bcm	x																							
Spurn Head ...	1029.1	37	W	3	om	1024.4	-6	39	-1	SW	4	-	om	3	0.4	40	35	og	cq	om	x																							
Yarmouth ...	1029.6	36	NW	2	bc	1027.6	-2	41	+1	SW	2	-	omd	2	0.4	43	34	c b c	bc	bc b m x	6.2																							
Clacton-on-Sea	1031.5	41	NW	2	o	1030.6	-2	42	0	SSE	4	-	o	3	-	50	35	c b c b	b	bz og	7.0																							
Nottingham ...	1030.5	37	SW	2	b	1026.2	-	43	+5	SW	1	-	od	-	0.3	43	35	om	bm	bc o	2.0																							

SUMMARY OF CONDITIONS AT 7 A.M. Thursday 15th January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SW 20-25	R.Mild	Dull, misty	Fair	R.Rough
2. E. England	S-SW 15-20	Normal	Dull, some rain	Poor	Slight
3. E. Midlands	S-SW 0-5	R.Mild	Dull, drizzle	"	"
4. W. Midlands	S-SW 0-10	"	" "	"	"
5. S.W. England	SW 10-15	"	Dull, some rain	"	R.Rough
6. South Wales	S-SW 5-10	"	Dull, foggy	Bad	"
7. North Wales	S-SW 15-20	"	Foggy	"	Mod.
8. N.W. England	S-SW 5-10	Mild	Fair generally, local mist.	Variable	Slight
9. N. Midlands	S-SW 0-10	R.Mild	Dull, some rain	"	"
10. N.E. England	SW-W 10-15	Normal	Dull	Poor	Slight
11. E. Scotland	SW-W 10-15	R.Mild	Fair generally	Indiff.	Slight
12. S.W. Scotland	S-SW 10-20	"	Dull, misty, rainy	"	"
13. Isle of Man	SW-W 15-20	"	Dull to cloudy	Fair	Mod.
14. N. & N.W. Scotland	S-SW 0-10	"	Fair generally, local mists.	Variable	Smooth
15. Hebrides	S-SW 20-25	"	Dull, rainy, squally	Fair	Mod.
16. Orkneys and Shetlands	S-SW 15-25	Normal	Dull, some mist	Poor	Mod.
17. N.W. Ireland	SW-W 10-15	R.Mild	Fair generally	Good	Slight
18. N.E. Ireland	SW-W 10-20	Mild	Fair to cloudy	Fair	Slight
19. S.E. Ireland	SW-W 0-5	Mild	Dull	"	Mod.
20. S.W. Ireland	S-SW 5-10	R.Mild	Variable, fine to dull	Good	"



GENERAL INFERENCE from observations received up to 9 a.m.

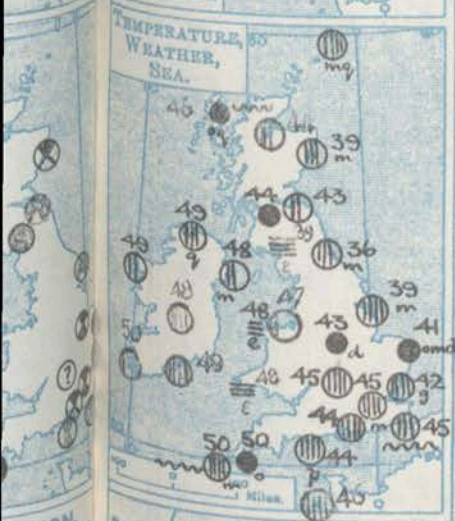
Pressure will continue high on the Continent and low over the Northern Atlantic, giving S.W. winds over the British Isles and cloudy to showery and very mild weather.

EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of two millibars.
 WIND.—Direction is shown by the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.
 TEMPERATURE.—Isobars are drawn at intervals of two millibars.
 WEATHER SYMBOLS.—
 ○ clear sky. ○ sky & clouds.
 ⊙ overcast sky. ⊙ rain.
 * snow. △ hail. = fog.
 T thunder. K thunder.
 SEA DISTURBANCE.—
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday, 15th January, 1920.	Further Outlook.
1. S.E. England	Wind S.W., moderate to fresh; much low cloud, fairer intervals, occasional light rain; visibility fair to indifferent; very mild.	Unsettled weather with winds mainly from S.W. for more than 24 hours.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Wind S.W., mainly moderate to fresh, but strong at times; much low cloud, fairer intervals, some rain; visibility fair to indifferent; very mild.	
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR MORNING OF THURSDAY, 15th JANUARY, 1920.

Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 15. B

Thursday,
15th January, 1920.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 14 th																		
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 12h-12h.	Day, 9h-12h.	Sunrise to Sunset, 14 th .			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 12h-12h.	Day, 9h-12h.	Sunrise to Sunset, 14 th .	
Scotland.	Oban	c bc	c o	49	32	mm.	mm.	0.6	England, N.W.	Douglas (I.O.M.)								
	Banff	bc. b	b	40	34	-	-	3.4		Blackpool								
	Montrose									Southport	b bc c o	bc c o	43	39	2	-	4.0	
	St. Andrews	*		42	32	5	-	5.2										
England, N.E.	Harrogate	b bc	bc	41	31	1	-	5.5	Midlands.	Buxton			43	34	0.2	-	4.5	
	Scarborough	b	b	45	35	2	-	6.3		Leamington Spa	bc	bc	43	35	-	-	*	
	Skegness	b	b	42	33	0.3	-	6.0		Malvern	b.	b	43	35	-	-	*	
England, E.	Lowestoft	c bc	bc b	46	36	2	-	6.0	Wales.	Ross-on-Wye	b bc	bc c o	46	36	0.4	-	6.0	
	Felixstowe	bc bc	bc	41	34	2	-	6.2		Rhyl	b bc	bc c	45	35	3	-	3.9	
	Southend-on-Sea	bc bc	b	42	38	4	-	6.7		Colwyn Bay			44	36	4	-	3.6	
										Llandudno			44	37	3	-	3.5	
England, S.E.	Tunbridge Wells	b	b bc	42	32	7	-	3.2	England, S.W.	Aberystwyth	b c o	bc c o	45	38	-	-	3.0	
	Margate	b bc b	b	42	40	6	-	4.4		Weymouth	b bc	c o	47	34	3	-	6.3	
	Ramsgate		bc	42	38	8	-	5.2		Teignmouth								
	Folkestone	bc bc	bc b	43	39	10	-	5.2		Torquay	bc b	b bc	49	38	3	-	4.7	
	Hastings	bc bc	bc	47	37	7	-	6.0		Paignton	bc b	bc c o	48	39	3	-	4.9	
	Eastbourne	c bc	bc	43	35	8	-	6.3		Penzance	b bc	cm	49	40	1	-	3.2	
	Brighton	b	b	43	40	7	-	6.6		Newquay	b o	o	46	43	1	-	3.0	
	Worthing	b	b	43	37	6	-	7.1		Bude	b	b	50	40	2	-	3.6	
	Littlehampton	bc	bc	42	39	4	-	7.5		Ilfracombe	b bc c	c o	48	42	1	-	4.5	
	Bournemouth	*	*	45	37	5	-	6.8		Weston-s-Mare	b	b bc c	48	39	3	-	5.0	
	Ventnor (I. of W.)	-	-	48	39	9	-	7.5		Bath	b	b bc c	46	38	2	-	5.6	

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.					
	7h-12h ^{AM}	12h-18h ^{PM}	18h-12h ^{PM}	12h-7h ^{AM}				Day, 7h-12h.	Night, 12h-7h.						
								mm.	mm.				No.	Limits of Velocity at about 30 feet above ground.	
														Statute miles per hour.	Metres per second.
Eskdalemuir	b.v.	b.bc.c.o	o.s.o.s.m	o.s.m.s.m	39	28	27	-	4	5.0	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3	
Valencia (Cahirelveen) ...	bc.o	o.or	c.bc.b		52	36	46	11	1	0.0	bc sky partly cloudy (one half covered).	1	1-3	0.3-1.5	
Baldonnell	c.o.z.	q.r.		bc.cq	50	35					c generally cloudy (three quarters covered).	2	4-7	1.6-3.3	
Anglesey (Llangefni) ...											d drizzle, or fine rain.	3	8-12	3.4-5.4	
Falmouth	b.x.bc.e	o.o.z	o.o.z	o.r	50	37	43	-	4	3.3	e wet air without rain falling.	4	13-18	5.5-7.9	
Calshot (Haute)	b.bc	b.bc	b.bc	c.o	45	38	45	-	-	7.3	f fog. g gloom.	5	19-24	8.0-10.7	
Capel	z.b.	z.b.	z.o	o.q	-	-					h hail. i lightning.	6	25-31	10.8-13.8	
Aberdeen	bc.z	b.y.bc.z	o.z.s.p.m		29	34	27	-	Trace	5.0	m mist. o overcast sky.	7	32-38	13.9-17.1	
East Fortune	b.be.z	z.b.bc	pr.s.z.	b.be.q	43	33					p passing showers.	8	39-46	17.2-20.7	
Flamborough Head ...	b.q	b.be.z	o.m.q	o.q	40	33					q squalls. r rain.	9	47-54	20.8-24.4	
Felixstowe	q.b.bc	b.bc	b.bc	c.op	43	35					rs sleet, i.e., rain and snow together.	10	55-63	24.5-28.4	
Cranwell (Lines) ...	b.be.z	c.o.c	c.o	op	39	31					s snow. t thunder.	11	64-75	28.5-33.5	
Shoeburyness	o.c.be.b	b.z	c.be.c.o		47	32	23	1	-	6.7	u ugly, threatening sky.	12	Above 75	33.6 or above	
Benson	c.b	b	bc.o		45	33	25	-	-		v unusual visibility.				
London (Kew Obs.) ...	o.q.bc.z	b.z.s.m	bc.m.cm.o.m		44	35	25	0.1	-	5.9	w dew. x hoar frost.				
											y dry air; humidity less than 60 per cent.				
											z dust haze; the turbid atmosphere of dry weather.				
												SYMBOLS-			
												Aurora	☆	Solar halo	☉
												Eclipse	☾	Lunar halo	☾
												Glazed frost	☼	Solar corona	☉
												Glazed roads	☼	Lunar corona	☾
												Subfixes 0.1 and 2 attached to Beaufort letters signify intensity, 0 = light, 2 = heavy. Underlining is used to express continuity.			



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 2,239B

FRIDAY, 16TH JANUARY....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																													
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Force 0-12.	Dir.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Form.	Amt. 0-10.											
			13H. G.M.T.	15 th						18H. G.M.T.	15 th																		
Eskdalemuir ...	1022.2	+4	WSW	5	bc	45	82	6	-	Cu	5	ci	1	4	1023.6	+1	SW	5	bc	43	87	6	-	F. Cu	4	-	-	4	
Valencia (Cahire'n)	1026.4	-1	S	5	C	51	92	6	1-1000	St	8	-	-	4	1027.2	+4	SSE	4	0	49	98	5	<500	St	10	-	-	4	
Baldonnel ...	1026.3	+1	SW	4	3	52	92	3	-	-	-	ci	3	4	1026.2	0	SW	2	b	49	92	3	-	-	A. St	1	-	4	
Anglesey (Llangefni)	1030.8	+1	SW	1	omc	52	92	2	-	St	10	-	-	4	1031.7	0	SW	2	fe	49	92	0	-	-	-	-	-	4	
Falmouth ...	1031.7	-1	SW	3	od	48	97	3	1-2000	Nb	10	-	-	3	1032.2	+1	SW	3	om	48	97	2	1-2000	St	10	-	-	3	
Calshot (Hants) ...	1031.6	-2	SW	6	ofe	42	97	0	<500	St	10	-	-	4	1031.0	0	SW	2	ofe	42	98	0	1-1000	St	10	-	-	4	
Capel ...	1015.8	+4	WSW	1	bc	46	85	6	-	St	1	-	-	2	1018.4	+4	S	2	cy	48	88	6	-	-	F. Cu	7	2		
Aberdeen ...	1019.0	+5	W	6	C	49	82	4	2-3000	Cu	2	ci	5	4	1021.0	-1	SW	6	b	46	87	-	2-3000	St	1	-	-	4	
East Fortune ...	1024.0	0	SW	5	C	44	92	3	1-2000	St	6	ci	2	4	1025.2	+3	WSW	6	bc	47	87	5	2-6000	St	5	A. St	1	-	
Flamborough Hd.	1029.8	-1	SW	2	od	45	97	4	1-1500	St	10	-	-	3	1030.9	+1	WSW	2	0	48	98	5	1-1500	St	9	-	-	3	
Felixstowe ...	1026.8	0	SW	4	bc	51	92	6	2-3000	St	1	ci	3	4	1028.4	+2	WSW	3	bc	45	92	5	2-2000	St	2	ci	2	4	
Cranwell (Lincs) ...	1028.8	+2	SW	2	0	49	98	7	-	-	-	-	-	4	1030.3	+3	WSW	3	ofe	48	92	0	-	-	-	-	-	4	
Shoeburyness ...	1030.3	0	SW	3	om	48	92	4	1-2000	St	8	A. St	2	4	1031.4	+1	SW	2	om	50	92	5	1-2000	St	10	-	-	4	
Benson ...	1022.7	-2	SSW	6	omc	43	98	2	<500	St	10	-	-	4	1020.6	-2	SW	7	0	45	98	6	-	Nb	10	-	-	4	
London (Kew Obs.)	1026.4	0	S	3	omc	51	92	3	-	-	-	-	-	4	1027.2	0	S	5	0	52	92	7	1-1000	St	10	-	-	4	
Anglesey (Llangefni)	1033.4	+1	WSW	1	to	48	92	1	1-2000	Nb	10	-	-	3	1035.4	+1	SW	4	0	49	92	7	-	St. Cu	9	-	-	4	
Falmouth ...	1019.8	-1	SW	4	q	48	82	-	2-3000	St	2	-	-	4	1018.5	+1	SW	5	C	49	82	-	2-3000	St. Cu	4	A. St	4	4	
Flamborough Hd.	1033.2	+2	SSW	2	C	46	98	4	1-1500	St	7	-	-	2	1032.7	0	SW	3	or	46	92	4	1-1000	St	10	-	-	2	
Felixstowe ...	1023.2	0	WSW	4	b	44	92	4	2-3000	St	3	-	-	4	1028.8	0	SW	5	0	50	92	4	2-3000	St	7	A. St	3	4	
Cranwell (Lincs) ...	1034.0	+2	SW	3	om	48	92	4	1-2000	St	10	-	-	4	1032.7	-1	SW	3	0	48	92	7	1-2000	St	9	-	-	4	
Shoeburyness ...	1034.0	+2	SW	3	om	48	92	4	1-2000	St	10	-	-	4	1033.4	+1	SW	3	om	50	92	4	1-2000	St	10	-	-	4	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																													
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.								
			Force 0-12.	Dir.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
			18H. G.M.T. of 15 th	7H. G.M.T. of 16 th		24 HOURS ENDED 7H. 16 th	15 th																						
Lerwick ...	1010.2	40	SW	4	om	1006.9	+2	46	+6	SW	5	-	om	3	13	49	40	o. cnp	om	om	om	4							
Stornoway ...	1010.0	48	SW	6	og	1008.4	-1	50	+4	WSW	7	-	opq	6	3	53	44	og	og	opq	0.0								
Castlebay (Barra Is)	1014.6	49	SW	6	C	1014.4	-2	50	+1	SW	5	-	8	6	-	50	47	bc	oc	oc	0.0								
Glasgow ...	1021.8	45	WSW	4	b3	1019.2	-1	48	+4	WSW	4	-	0	4	0.1	48	44	cy. om	oc	b. bc. oc	0.0								
Malm Head ...	1017.5	47	SW	5	C	1016.7	0	48	-1	SSW	5	-	Cy	4	Trace	49	46	Cu	C	Cy	1.9								
Blacksod Point ...	1021.2	50	W	3	C	1017.8	-3	52	+3	W	5	-	Cy	4	-	54	46	bc	bc	bc. bc	4								
Roche's Point ...	1029.0	47	WSW	2	0	1029.4	0	50	+1	SW	4	-	0	4	1	51	47	ofe	ofe	ofe	4								
Birr Castle ...	1029.5	47	S	1	C	1024.8	-	50	+2	S	3	-	0	4	-	53	44	C	C	0	5.2								
Donaghadee ...	1024.2	47	SW	1	bcu	1022.5	-1	51	+3	SW	3	-	om	3	0.2	51	42	bcu	bcu	bcu	4								
Liverpool (Bidston)	1027.7	46	SSE	2	3	1026.7	-1	48	+1	SW	4	-	C	3	-	52	44	3	3	b. bc. c	6.4								
Holyhead ...	1027.0	46	SSW	6	feq	1026.5	-2	47	-1	SW	6	-	feq	4	1	50	45	bc. c	bc. fe	f. bc	3.1								
Pembroke (St. Ann's Head)	1030.0	45	S	3	ofe	1031.7	+1	48	0	SW	3	-	ofe	4	2	48	44	ofe	ofe	ofe	0.0								
Scilly (St. Mary's)	1031.7	49	SW	1	fe	1033.5	0	50	0	WSW	3	SW	C	4	1	51	48	ofe	ofe	ofe	0.0								
Jersey (St. Aubin)	1035.3	48	S	3	oe	1036.6	0	46	0	SSW	2	-	oe	0	Trace	49	45	odpm	oe	oe. bc. oe	0.0								
Portland Bill ...	1031.7	49	WSW	5	fe	1033.3	0	48	+4	WSW	4	-	fe	4	3	49	44	opm. r	urfe	fe	4								
Dunageuss ...	1031.0	46	SW	3	rm	1034.2	+2	47	+2	SW	3	-	om	3	1	47	40	C. or	r. od	adm. dm	4								
Wick ...	1012.2	43	SW	3	bc	1008.6	0	49	+8	WSW	4	-	bc	3	1	50	39	ompy	bcu	bcu. bc	4								
Nairn ...	1013.1	43	WSW	4	bc	1011.4	0	49	+5	WSW	4	-	Cy	3	5	50	44	Cy	og. bc	bc. c	0.2								
Leith ...	1020.4	47	W	2	b	1018.5	0	49	+6	W	4	-	C	3	-	50	43	bc. ue	c. bc. c. b	b. bc. ue	4								
Tynemouth ...	1024.0	47	WSW	2	cm	1024.0	0	48	+14	W	3	-	om	3	-	51	36	bcu	om	om. bcu	4								
Spurn Head ...	1020.7	43	W	2	bcu	1026.6	-2	47	+8	SW	5	-	cm	3	-	49	37	cm	bcu	cm	4								
Yarmouth (Dorseton)	1028.6	47	W	2	bc	1030.6	0	48	+7	W	2	-	ogm	2	1	48	40	om. m	bcu	om. bcu	1.1								
Clacton-on-Sea ...	1030.7	47	WSW	3	0	1032.3	0	46	+4	SSW	3	-	ogm	3	-	47	42	og	ogm	ogm	0.0								
Nottingham ...	1028.8	48	S	1	b	1028.9	0	50	+7	SW	3	-	0	4	0.3	52	42	o. cm	c. om. b	o. o	0.3								

* Information for these columns not usually received.

* The barometric change is expressed in half millibars.

§ Longside at 11.

SUMMARY OF CONDITIONS AT 7 A.M. Friday, 16th January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SW. 10	Mild	Dull, some mist and drizzle.	Var.	Slight
2. E. England	SW-W. 10-15	"	Dull, squally.	Poor	"
3. E. Midlands	SW. 10	"	Dull.	Fair	"
4. W. Midlands	SW-W. 10-15	"	Dull.	"	"
5. S.W. England	SW-W. 10	R.mild	Dull, some mist.	Var.	Moderate
6. South Wales	SW. 10	"	Dull, mist, drizzle.	"	"
7. North Wales	SW. 20-25	"	Misty, squally.	Poor	"
8. N.W. England	SW-W. 15-25	Mild	Cloudy to dull, some drizzle.	Var.	Slight
9. N. Midlands	SW-W. 10-20	"	Cloudy to dull.	"	"
10. N.E. England	SW-W. 10-20	"	Dull, some mist.	"	Slight
11. E. Scotland	S-SW. 10-20	"	Dull, some mist.	"	"
12. S.W. Scotland	SW-W. 20-35	"	Dull, some mist.	"	"
13. Isle of Man	SW. 15-20	"	Dull, some mist.	Poor	Mod.
14. N. & N.W. Scotland	SW-W. 20-35	"	Dull, mist, drizzle.	Var.	R. rough
15. Hebrides	SW-W. 25-35	"	Dull, mist, drizzle.	"	Rough
16. Orkneys and Shetlands	SW-W. 20-35	"	Dull, mist, drizzle.	"	R. rough
17. N.W. Ireland	SW-W. 20-25	"	Cloudy, squally.	Fair	Mod.
18. N.E. Ireland	S-SW. 10-20	"	Dull.	"	Slight
19. S.E. Ireland	S-SW. 5-15	"	Dull, some mist.	Var.	Mod.
20. S.W. Ireland	S-SW. 15-25	"	Dull, some mist.	"	"

Upper Cloud

Visibility

GENERAL INFERENCE from observations received up to 9 a.m.

The barometric changes are slight and indefinite. The wind is likely to remain SWly. over the British Isles, and the weather will be cloudy and mild, with light rain at times and some mist.

EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of two millibars.
 WIND.—Direction is shown by the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.
 TEMPERATURE.—Isotherms are drawn at intervals of 1°.
 WEATHER SYMBOLS.—
 ☉ clear sky. ☁ sky & cloud. ☂ sky & rain.
 ☁ overcast sky. ☂ rain.
 * snow. ▲ hail. = fog.
 T thunder. R thunder.
 SEA DISTURBANCE.—
 Rough. High.

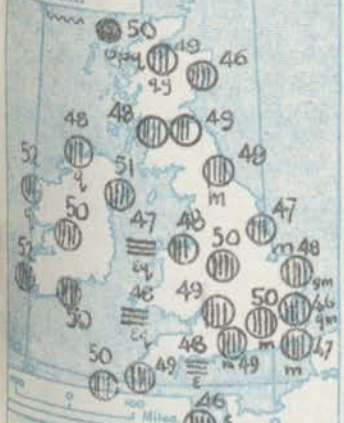
Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 16th January, 1920
1. S.E. England	Wind SW. moderate or fresh. Much low cloud, occasional drizzle. Visibility indifferent to poor. Mild.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind SW. moderate or fresh. Much low cloud, occasional light rain. Visibility indifferent, fog locally on coast. Mild.
6. South Wales	
7. North Wales	Wind SW. fresh or strong. Much low cloud, some rain. Visibility indifferent, fog locally on coast. Mild.
8. N.W. England	
9. N. Midlands	Wind SW. fresh or strong. Much low cloud, some rain. Visibility indifferent. Mild.
10. N.E. England	
11. E. Scotland	Same as for 7.8
12. S.W. Scotland	
13. Isle of Man	
14. N.&N.W.Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

SYNOPTIC CHART FOR MORNING OF FRIDAY, 16th JANUARY, 1920.

Nautical Miles
Statute Miles.

Scale - 1:10,000,000

TEMPERATURE
WEATHER,
SEA.



VISION
are shown by
the number
by the number
is shown by
in mean
in degrees

sky is cloudy
sky is foggy
rain is falling
fog is falling
High

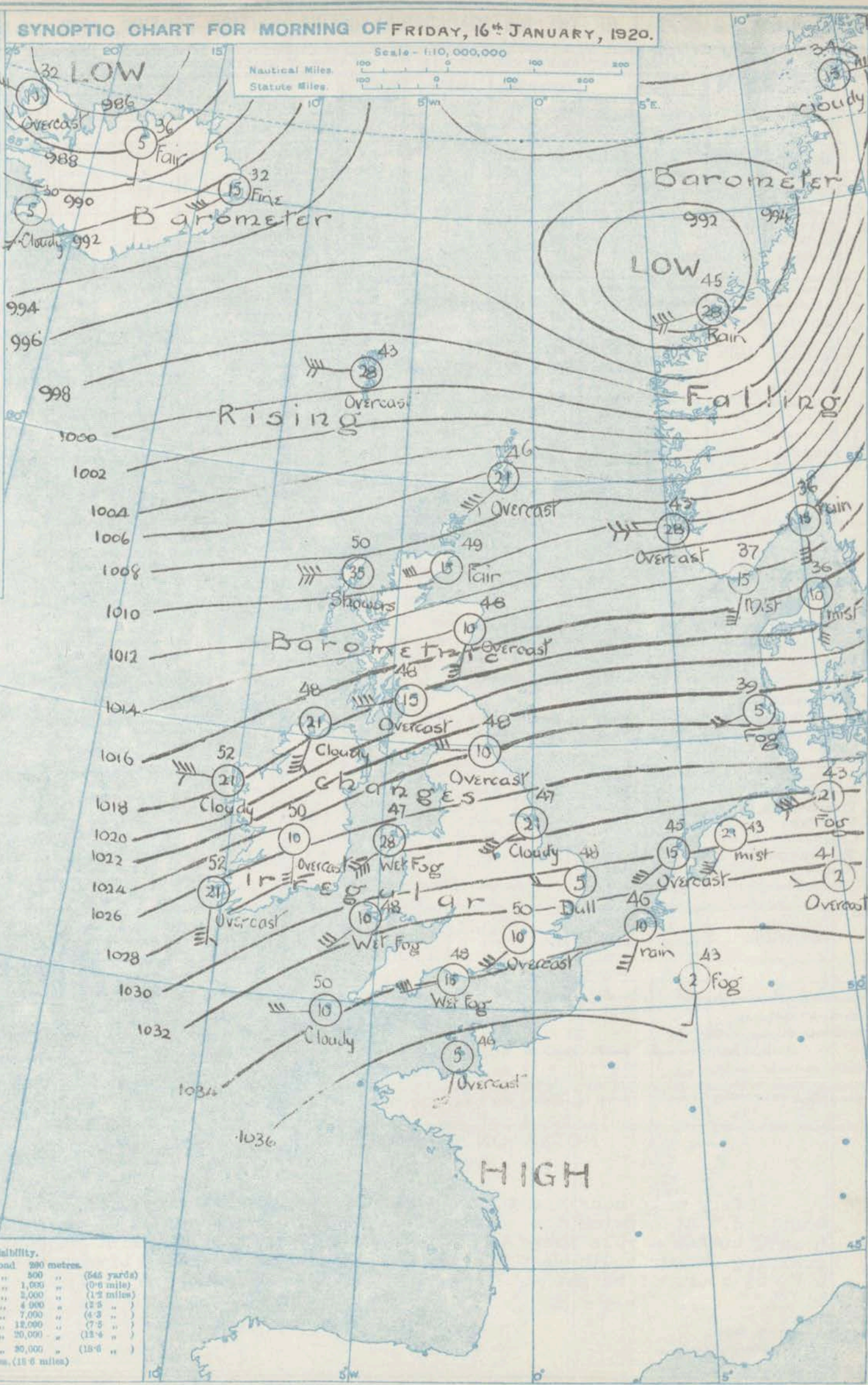
Outlook.

ed
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on

Scales of Surface Visibility.

Symbol	Very Bad	Bad	Objects not visible beyond	200 metres.	500 "	1,000 "	2,000 "	4,000 "	7,000 "	12,000 "	20,000 "	20,000 "
1	Very Bad	Bad	Objects not visible beyond	200 metres.	500 "	1,000 "	2,000 "	4,000 "	7,000 "	12,000 "	20,000 "	20,000 "
2	Very Poor	Poor	"	"	"	"	"	"	"	"	"	"
3	Indist.	Ordinary	"	"	"	"	"	"	"	"	"	"
4	Fair	Good, above ord.	"	"	"	"	"	"	"	"	"	"
5	Vy. gd., unusual	Except, good	"	"	"	"	"	"	"	"	"	"
6	Objects visible beyond 20,000 metres.											



WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 15 th																	
STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		
	Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.		
					12h-9h.	9h-12h.							12h-9h.	9h-12h.		12h-9h.	9h-12h.
Scotland.	Oban	*	a.c.b.c.o	49	35	mm.	mm.	0.0	England, N.W.	Douglas (I.O.M.)	*	a.c	47	37	mm.	mm.	0.0
	Banff	c.b.c.b	bc.e	47	43	-	-	3.2		Blackpool	*	a.c	47	37	1	-	0.0
	Montrose	*	*	*	*	*	*	*		Southport	bc	bc.m	49	36	0.2	-	5.5
	St. Andrews	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*
England, N.W.	Harrogate	om.c	c.bc	48	33	1	-	0.2	Midlands.	Buxton	*	*	57	36	1	-	1.0
	Scarborough	*	*	49	35	-	-	0.4		Leamington Spa	*	*	52	37	1	-	3.3
	Skegness	b.bc	b.bc	52	41	0.3	-	4.9		Malvern	bc	bc	53	39	-	-	4.2
	Lowestoft	of.c	oc	48	32	-	-	0.8		Ross-on-Wye	a.c.b	b.bc.b3	53	39	-	-	6.6
England, E.	Felixstowe	om.d	om	48	35	0.3	0.2	0.0	Wales.	Rhyl	fic.bc	b	54	37	1	-	6.5
	Southend-on-Sea	o	oc	47	35	-	-	0.0		Colwyn Bay	*	*	56	40	-	-	6.0
	Tunbridge Wells	od.o	od.m	48	30	-	-	0.0		Llandudno	*	*	53	39	0.3	-	0.0
	Margate	o	o	48	36	-	-	0.0		Aberystwyth	oc.c	cc.o	48	46	*	*	0.0
England, S.E.	Ramsgate	*	*	-	-	-	-	0.0	England, S.W.	Weymouth	a	afoe	51	41	3	2	0.0
	Folkestone	od	fe	45	35	-	1	0.0		Teignmouth	*	*	52	39	1	-	0.0
	Hastings	ot	fm	48	36	-	2	0.0		Torquay	o.c	o.c	52	41	4	-	0.0
	Eastbourne	ot	td	48	33	-	3	0.0		Paignton	od.o	o	52	46	5	0.4	0.0
	Brighton	od	d	47	35	-	1	0.0		Penzance	od.f	of	52	43	4	0.4	0.0
	Worthing	td	d	48	34	-	3	0.0		Newquay	od.f	ocom	52	42	-	-	0.0
	Littlehampton	mr	mr	49	46	-	2	0.0		Bude	2	o	52	42	-	-	0.0
	Bournemouth	*	*	50	38	1	-	0.0		Ilfracombe	om.f	of	52	42	1	0.2	0.0
	Ventnor (I. of W.)	*	*	*	*	*	*	*		Weston-s-Mare	oc	o	54	38	*	*	0.2
										BATH	oc	o	54	38	*	*	0.2

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.	WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Rainfall.	Sun.	No.	Limits of Velocity at about 30 feet above ground.	
	7h-13h.	13h-18h.	18h-1h.	1h-7h.	°F.	°F.	°F.	°F.				Statute miles per hour.	Metres per second.
Eskdalemuir	od.f	c.bc	bc.g	om.e	47	39	40	2	1.6	b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.	1	Less than 1	
Valencia (Cahireveen)	bc.e	o	g.d	bc.cq	52	36	47	-	0.2			1-3	0.3-1.5
Baldonnel	bc.g	bc.c3	bc.cq	bc.cq	53	48	*	*	*			4-7	1.6-3.3
Anglesey (Llangefni)	od.f	me.f	fe.m	od.b.o	52	48	46	1	1			8-12	3.4-5.4
Falmouth	od.f	me.f	fe.m	od.b.o	52	48	46	1	1	suffices 0, 1 and 2 attached to Beaufort letters signify intensity, 0=sight, 2=heavy. Underlining is used to express continuity.	2	18-18	5.5-7.9
Calshot (Hants)	dy	om.pd	om.pd	om.pd	49	45	44	*	*			19-24	8.0-10.7
Capel	ef	pd.e3	pd.e3	pd.e3	49	45	44	*	*			25-31	10.8-13.8
Aberdeen	om.b3	b.b.c3	cm.o2	bc.cq	47	38	37	-	3.1			32-38	13.9-17.1
East Fortune	bc.cq	bc.cq	bc.cq	bc.cq	50	43	*	*	*	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Total ... 81 ... Joules. Milliwatts. Average Rate. 2.7 Maximum Rate. 8	16 th & 17 th January 1920	
Flamborough Head	coq	q.c.o	q.c.o	om.r	49	40	*	*	*			Stations.	
Felixstowe	fd	pd	cof	om.r	49	40	*	*	*			Sunrise.	
Cranwell (Lincs)	bo	co	b.b.c	b.b.c.o	51	42	*	*	*			G.M.T.	
Shoeburyness	om	om	om.o	of.o	49	43	46	-	0.0	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.	Yarmouth ... { Greenwich { Wick { Valencia ... {	G.M.T.	
Benson	o	o	o	o	51	44	46	-	0.0			G.M.T.	
London (Kew Obs.)	om	om.o	o.o	om	50	44	48	0.1	Trace			G.M.T.	
Greenwich (Royal Observatory)	o.c	od	odm	50	44	46	Trace	0.0	94			G.M.T.	
City (Banhill Row)	*	*	*	52	45	39	0.2	0.0	89	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Total ... 81 ... Joules. Milliwatts. Average Rate. 2.7 Maximum Rate. 8	G.M.T.	
Westminster (St. James's Park)	*	*	*	51	45	*	0.1	0.0	91			G.M.T.	
Admiralty Arch	om.o	om	om.o	50	45	34	Trace	*	93			G.M.T.	
Camden Sq. (British Rainfall)	od	o	*	51	44	47	1	*	99			G.M.T.	
Kensington Palace	o	o	o	49	42	39	Trace	0.0	151.97	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Total ... 81 ... Joules. Milliwatts. Average Rate. 2.7 Maximum Rate. 8	G.M.T.	
Hamstead Observatory	ome	ome	ome	49	42	39	Trace	0.0	151.97			G.M.T.	

NOTES ON THE WEATHER OF YESTERDAY.

Very mild conditions were general, many maxima exceeding 50°, even in Sootland. At Lerwick the total amount of rain recorded was 13 mm, and at Nairn 5 mm., but as a rule there was little or none. There was mist at most places, and much fog on our south-west coasts. In North Wales and at Liverpool there were 6 to 6½ hours of bright sunshine, but not much elsewhere.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No 21240 B

SATURDAY, 17TH JANUARY 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.

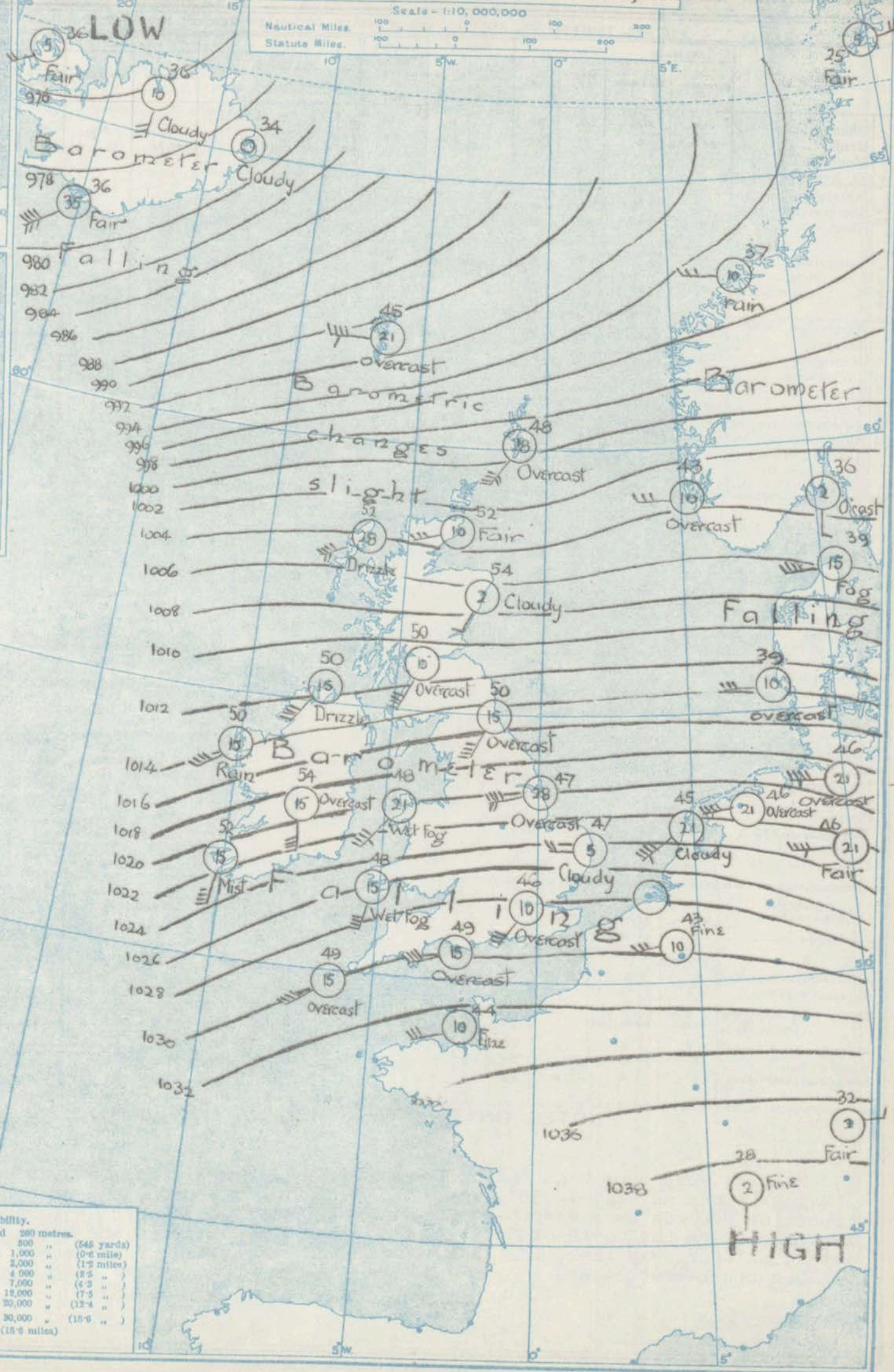
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Direc.	Force 0-12.										
13H. G.M.T. 16th																												
Eskdalemuir ...	1018.7	-2	SW	6	ome	49	98	3	-	st.	10	-	-	1016.7	-2	SW	9	ome	49	98	4	-	st.	10	-	-	5	
Valencia (Cahire'n)	1027.0	-2	S	6	o	52	92	6	1-1000	st.	10	-	-	1015.9	-1	S	5	ad	52	98	6	1-1000	st.	10	-	-	5	
Baldonnell ...	1024.9	0	SW	5	og	51	92	4	1-1500	st.	5	A. cu	4	1024.1	+3	SW	4	og	52	92	4	1-2000	st.	6	Ast	3	5	
18H. G.M.T. OF 16th																												
Anglesey (Llangefni)	1035.2	0	SW	3	o	54	82	6	-	st.	10	-	-	1024.4	0	SW	4	ome	48	92	2	-	st.	10	-	-	5	
Falmouth ...	1034.6	-1	SW	4	em	49	98	2	-	-	-	-	-	1034.8	+1	SW	4	o	49	94	5	1-2000	st.	10	-	-	3	
Calshot (Hants)	1034.1	-1	SW	3	of	46	98	0	1-1/2	st.	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Capel ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1H. G.M.T. OF 17th																												
Eskdalemuir ...	1015.9	-2	SW	9	og	48	92	6	-	st.	9	-	-	1013.7	0	SW	7	om	49	92	5	-	st.	9	-	-	5	
Valencia (Cahire'n)	1022.4	-2	S	5	omd	52	x	x	x	x	x	x	x	1020.8	-4	SSW	4	om	52	98	3	1-500	st.	10	-	-	5	
Baldonnell ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.3	-4	SSW	4	og	52	92	4	1-2000	st.	6	Ast	4	5	
7H. G.M.T. OF 17th																												
Anglesey (Llangefni)	1032.5	-2	SW	2	odm	46	92	2	-	Nb	10	-	-	1030.3	-1	SW	4	ofe	47	92	0	-	-	-	-	-	5	
Falmouth ...	1036.0	-1	WSW	3	o	45	92	6	1-2000	st.	10	-	-	1030.0	-1	SW	3	o	46	92	4	1-2000	st.	10	-	-	3	
Calshot (Hants)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Capel ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER. at M.S.L. mb.	TEMP. °F.	CHANGE in 24 hours.	WIND.	Direc. of Upper Cloud.	WEATHER.	Sea 0-9.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.								
			Direc.	Force 0-12.										Max. °F.	Min. °F.	Morning.	Afternoon.	Night.										
18H. G.M.T. OF 16th																					24 HOURS ENDED 7H. 17th				16th			
Lerwick ...	1004.4	44	SW	3	omd	999.6	0	48	+2	SW	6	-	omg	4	10	48	34	omf	fa	ompa	-							
Stornoway ...	1004.4	52	SW	6	og	1004.1	0	52	+2	SW	6	-	oda	5	18	52	?	og	ora	oda	0.0							
Castlebay (Barra)	1009.8	50	SW	5	r	1007.3	-2	51	+1	SW	5	-	op	6	5	51	48	or	r	ndr. op	0.0							
Glasgow ...	1014.7	51	SW	4	bc	1012.6	-2	50	+2	SW	4	-	o	1	51	47	og	ocbcg	c. opa	0.0								
Malin Head ...	1012.6	52	SSW	5	og	1010.6	0	50	+2	SW	4	-	omd	4	1	54	47	og	og	omd	0.1							
Blacksod Point	1017.3	51	WSW	9	bc	1012.9	-4	50	-2	SW	4	-	omr	5	3	54	46	bc	bc	og. og	-							
Roche's Point...	1029.2	50	SW	4	o	1024.6	-3	50	0	SW	3	-	o	4	1	52	49	om	omco	odoc	-							
Birr Castle ...	1023.8	53	S	3	o	1018.7	-	54	+4	S	4	-	o	-	-	56	50	c	c	o	0.9							
Donaghadee ...	1020.6	55	WSW	4	ogm	1017.5	-2	53	+2	SW	4	-	omg	4	-	56	49	om	om	omg	-							
Liverpool (Bidston)	1024.6	52	SW	6	bc	1021.0	-2	51	+3	SW	5	W	og	5	-	52	47	bcg	bcg	c. o. c	1.2							
Holyhead ...	1025.7	48	SW	6	bc	1021.6	-2	48	+1	SW	5	-	fe	4	0.3	50	46	bcg	bcg	c. og. fe	1.2							
Pembroke (St. Ann's Head)	1031.5	46	SSW	4	bc	1025.0	-2	48	0	SSW	4	-	ofe	4	0.3	50	47	ofe	bc	c. og	2.3							
Scilly (St. Mary's)	1033.9	48	SSW	3	fe	1029.9	-2	49	-1	SW	4	-	omd	5	0.4	52	47	co	ofe	bc. om	0.0							
Jersey (St. Aubin)	1036.2	48	SSW	2	c	1032.2	-1	44	-2	WSW	3	-	b	2	0.1	49	36	odoc	odoc	c. cu. x	0.1							
Portland Bill ...	1033.3	48	SW	4	fe	1028.9	-3	49	+1	WSW	4	NW	og	4	0.3	50	44	fe. o	ofe	bcg	-							
Dunegness ...	1023.4	46	SW	3	c	1028.6	-2	45	-2	WSW	3	SW	c	3	0.2	47	43	ruof	fe	og. fe. c	-							
Wick ...	1004.8	51	SW	3	om	1001.7	-2	52	+3	WSW	3	-	bc	3	5	53	39	bc omf	omf	omf. bc	-							
Nairn ...	1008.0	50	W	2	r	1005.4	-	52	+3	WSW	4	-	bcg	3	4	53	48	og	g. og	og. og	0.1							
Leith ...	1013.8	55	W	7	c	1010.8	0	53	+4	W	6	-	c	4	-	55	49	com. c	og. cu. c	og. b. g. c	-							
Tynemouth ...	1020.1	51	SW	2	om	1015.7	-1	50	+2	SW	4	-	omg	3	1	52	47	om	omr	bc	-							
Spurn Head ...	1024.1	51	WSW	5	c	1019.8	-5	47	0	WSW	6	-	o	4	-	52	40	om	om	o	-							
Yarmouth (Gorleston)	1029.3	52	W	3	bc	1024.6	-3	47	-1	W	2	-	c	2	-	54	41	ogw. om	om bc	c. bc. og	0.4							
Clacton-on-Sea	1031.5	45	WSW	2	o	1027.0	-2	43	-3	WSW	3	-	bcw	3	-	51	42	ogm	ogm	ogm. bc	0.0							
Nottingham	1028.4	51	SW	3	b	1023.7	-	46	-4	SW	3	-	o	-	-	56	46	om	oc	b	0.0							

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the arrow flying with the wind. Force, on the Beaufort scale, is indicated by the number of feathers. Mean velocity is shown by the number of figures in small circles per hour by figures in small circles.
TEMPERATURE is given in degrees Fahrenheit.
WEATHER SYMBOLS.
 ☉ clear sky. ☁ sky 1 cloud.
 ☁☁ sky 2 clouds. ☁☁☁ sky 3 clouds.
 ☁☁☁☁ overcast sky. ☁☁☁☁☁ rain.
 * snow. ▲ hail. ☄ fog.
 T thunder. T bound water.
SEA DISTURBANCE.—
 Rough. Right.

A mild and unsettled type of weather with SW. or W. winds for three or four days, mild temperatures perhaps continuing for as long as a week.

SYNOPTIC CHART FOR MORNING OF SATURDAY, 17th JANUARY, 1920.

Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200



Scale of Surface Visibility.

Symbol	Description	Objects not visible beyond	Metres	(Yards)
0	Very Bad	"	200	(245 yards)
1	Bad	"	500	(545 yards)
2	Very Poor	"	1,000	(1,094 yards)
3	Poor	"	2,000	(2,188 yards)
4	Indist.	"	4,000	(4,375 yards)
5	Fair	"	8,000	(8,750 yards)
6	Good	"	12,000	(13,125 yards)
7	Good, above ord.	"	16,000	(17,500 yards)
8	Vy. gd., unusual	"	20,000	(21,875 yards)
9	Excep. good	"	24,000	(26,250 yards)
10	Objects visible beyond	20,000 metres	(21.8 miles)	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR ...16 th ...																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.
						12h-1h.	9h-12h.								12h-1h.	9h-12h.	
						mm.	mm.	16 th							mm.	mm.	16 th
Scotland.	Oban ...	ovd	ovd	52	46	-	0.3	0.0	England, N.W.	Douglas (I.O.M.)							
	Banff ...	bc c	c	55	44	-	-	0.0		Blackpool ...	ocg	ocg	52	40	0.3	-	1.3
	Montrose ...									Southport ...	oc bc	bc c bc	53	44	0.1	-	1.7
	St. Andrews ...	s	s	55	43	-	-	0.0									
England, N.E.	Harrogate ...	c of	c of	53	41	0.2	2	0.0	Midlands.	Buxton ...							
	Scarborough ...	om	o	55	42	-	-	0.2		Leamington Spa...							
	Skegness ...	o bc b	oc bc	55	47	-	-	0.8		Malvern ...	c bc	bc b	54	45	0.2	-	0.3
										Ross-on-Wye ...	co	c bc b	54	46	-	-	1.2
England, E.	Lowestoft ...	oc	c	53	41	-	-	0.2	Wales.	Rhyl ...	c bc	c bc	53	43	-	-	1.4
	Felixstowe ...	om	c gm							Colwyn Bay ...			57	47	-	-	2.2
	Southend-on-Sea...	o	oc bc	51	43	-	-	0.1		Llandudno ...			55	46	0.1	-	1.8
										Aberystwyth ...	roc	cco	53	48	-	-	1.0
England, S.E.	Tunbridge Wells	ome	oc b	51	47	-	-	0.0	England, S.W.	Weymouth ...		cm	52	43	1	-	0.1
	Margate ...	c	c	53	44	-	-	0.6		Teignmouth ...	fe						
	Ramsgate ...	bc	c o	52	45	-	-	0.3		Torquay ...	b c b	b bc	55	48	-	0.2	2.7
	Folkestone ...	fe	f	47	40	-	-	0.0		Paignton ...	bc	bc od	50	48	-	-	3.1
	Hastings ...	fm	f	49	46	2	0.4	0.0		Penzance ...	co	c of	53	49	1	-	0.0
	Eastbourne...	od	amo	49	47	2	0.2	0.0		Newquay ...	c bc o	oc	56	49	0.3	-	0.3
	Brighton ...	fe	fo	47	45	1	0.0	0.0		Bude ...	b bc	c	56	49	1	-	1.6
	Worthing ...	o	o	49	44	-	-	0.0		Ilfracombe ...	oc	c bc b	55	49	1	-	0.6
	Littlehampton ...	om	com	47	48	1	-	1.3		Weston-s-Mare ...	m bc	bc	54	43	1	-	1.3
	Bournemouth ...	s	s	54	41	2	-	0.0		Bath ...	oc	oc	58	50	2	-	0.0
	Ventnor (I. of W.)	s	s	49	46	4	-										

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Rainfall.		Sun. Hours.	Limits of Velocity at about 30 feet above ground.		
		7h-12h.	12h-1h.	1h-7h.	7h-12h.	°F.	°F.	°F.	°F.	Day. 7h-12h.	Night. 12h-7h.				
Eskdalemuir ...		om, om	om, om	om, om	om, om	50	45	42	0.2	0.2	0.0	b blue sky (not more than a quarter covered).	0 Less than 1	Less than 0.3	0.3-1.5
Valencia (Cahirciveen) ...		od, o	od	od, om	od, om	52	51	50	-	1	0.0				
Baldonnel ...		og	c, og	c, og	c, og	56	50	-	-	-	-	bc sky partly cloudy (one half covered).	2 4-7	1.6-3.9	3.4-5.4
Anglesey (Llangefni) ...		o, o, o	om, e	od, m	of, e	54	44	44	-	1	0.5				
Falmouth ...		om, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0	c generally cloudy (three quarters covered).	3 8-12	5.5-7.9	8.0-10.7
Calshot (Hants) ...		og, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0				
Capel ...		og, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0	d drizzle, or fine rain.	4 13-18	6.5-7.9	8.0-10.7
Aberdeen ...		og, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0				
East Fortune ...		og, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0	e wet air without rain falling.	5 19-24	8.0-10.7	10.8-13.8
Falmouth Head ...		og, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0				
Felixstowe ...		og, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0	f fog, g gloom.	6 25-31	10.8-13.8	13.9-17.1
Cranwell (Lincs) ...		og, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0				
Shoeburyness ...		og, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0	h hail, l lightning.	7 32-38	13.9-17.1	17.2-20.7
Benson ...		og, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0				
London (Kew Obs.) ...		og, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0	m mist, o overcast sky.	8 39-46	17.2-20.7	20.8-24.4
Greenwich (Royal Observatory) ...		og, pd	c, o, om	om, m	bo	50	44	43	-	-	0.0				

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.										
		Morning.	Afternoon.	Night.						10 h. G.M.T.	9 h. G.M.T.												
24 HOURS ENDING 9H G.M.T. 19th														YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		17th & 18th January 1920			
														Stations.	Sunrise.	Noon.	Sunset.						
Greenwich (Royal Observatory)	o	c	b.c.o	56	42	36	-	0.4	80	89					G.M.T.	G.M.T.	G.M.T.						
City (Banhill Row)	*	*	*	*	*	*	*	6.0	*	*													
Westminster (St. James's Park)	*	*	*	56	45	40	-	0.3	76	96													
" (Admiralty Arch)	om	bcm.bm	*	57	45	*	-	0.2	51	93				Yarmouth...	7.57	12.2	4.9						
Camden Sq. (British Rainfall)	od	o	*	54	45	42	-	*	85	92	Total 160	Joules.		Greenwich	8.0	12.10	4.0						
Kensington Palace	c	c	*	56	49	41	-	*	26	97	Milliwatts.			Wick	8.59	12.10	4.2						
Hampstead observatory.	b	o	o	53	43	40	-	-	*	98	Average Rate.	5.3		Valencia	8.48	12.22	3.5						
											Maximum Rate.	13			8.41	12.51	5.0						

NOTES ON THE WEATHER OF YESTERDAY.

There were some high maxima for the time of year in Scotland, several stations having values as high as 55°, while further south Llandudno and Bath reported 58°. Sunshine records were very poor, the best being about 3 hours at Torquay and Paignton. In the north of Scotland, Wick had 5 mm. of rain and Nairn 4 mm., while at Stornoway there was 18 mm. and 10 mm. at Lerwick. There was fog again on our south-west coasts.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 21,241. B

SUNDAY, 18TH JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.
			Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Form.	Amt. 0-10.										
13H. G.M.T. OF 17 th															18H. G.M.T. OF 17 th													
Eskdalemuir ...	1012.4	-2	SW	6	ofc	44	97	0	1-1000	St	10	-	-	-	1014.1	-2	W	5	bc	48	81	6	-	St	6	-	-	-
Valencia (Cahira'n)	1019.9	0	SW	6	ofc	54	97	6	1-1000	St	10	-	-	-	1021.7	-2	SW	3	0	53	92	6	1-1000	St	10	-	-	-
Baldonnell ...	1015.6	-3	SW	5	ofc	55	92	4	1-1500	St	10	ASr	3	-	1019.4	-2	SW	4	0	54	92	4	1-1500	St	10	-	-	-
Anglesey (Llangefni)																												
Falmouth ...	1028.4	-3	SW	6	ofc	50	97	0	-	-	-	-	-	-	1026.9	-4	WSW	4	0	51	92	1	-	Nb	10	-	-	-
Calshot (Hants) ...	1028.8	-1	SW	4	ofc	48	97	2	1-2000	Nb	10	-	-	-	1026.1	-2	SW	5	em	48	97	2	-	-	-	-	-	-
Capel ...																												
Aberdeen ...	1003.9	-5	SSW	3	c	51	92	7	-	St	8	-	-	-	1006.3	+13	W	5	6	47	75	7	-	St	1	-	-	-
East Fortune ...	1005.7	-10	SW	7	ofc	54	82	7	1-1500	St	2	C	6	-	1010.5	+11	W	6	bc	50	82	-	1-2000	St	1	-	-	-
Flamborough Hd.	1014.0	-1	SW	5	0	50	92	5	1-2000	St	10	-	-	-	1012.8	-2	SW	6	bc	52	87	5	2-3000	St	2	ASr	1	-
Felixstowe ...															1023.3	+2	SW	2	om	48	7	3	1-1000	St	10	-	-	-
Cranwell (Lincs)	1020.7	-2	SW	5	0	50	92	7	2-3000	St	4	ASr	3	-	1018.8	+1	SW	5	c	51	92	6	2-3000	St	4	ASr	3	-
Shebburness ...	1025.0	-3	SSW	4	c	50	92	7	1-1500	St	4	ASr	3	-	1023.9	-3	SW	3	0	50	92	7	1-1500	St	10	-	-	-
Benson ...	1025.0	-4	SW	4	0	49	92	4	-	-	-	-	-	-	1023.1	-2	SW	3	0	51	92	6	-	St	10	-	-	-
London (Kew Obs.)	1026.0	-3	WSW	4	Om	50	87	5	2-3000	St	4	ASr	3	-	1024.1	-2	WSW	4	Om	50	92	5	-	St	10	-	-	-
1H. G.M.T. OF 18 th															7H. G.M.T. OF 18 th													
Eskdalemuir ...	1018.5	0	WSW	2	b	37	92	7	-	Cu	1	-	-	-	1014.3	-5	WSW	4	om	41	94	4	1-1500	St	10	-	-	-
Valencia (Cahira'n)	1019.3	-3	SSW	3	om	51	*	*	*	*	*	*	*	-	1015.9	-3	SW	5	ofc	52	94	4	1-5000	St	10	-	-	-
Baldonnell ...	1020.2	-1	-	0	c	48	92	3	2-3000	St	7	-	-	-	1014.4	-4	SW	5	ofc	53	92	3	1-1500	St	6	ASr	4	-
Anglesey (Llangefni)																												
Falmouth ...	1027.0	-1	WSW	4	om	50	92	2	-	Nb	10	-	-	-	1024.8	-2	SW	5	om	49	92	2	-	Nb	10	-	-	-
Calshot (Hants) ...	1025.5	0	WSW	1	d	48	98	1	1-1500	Nb	10	-	-	-	1024.4	-1	SW	3	om	48	98	2	1-2000	St	10	-	-	-
Capel ...																												
Aberdeen ...															1010.6	-5	S	4	0	42	92	7	-	St	9	-	-	-
East Fortune ...	1015.8	+2	WSW	6	b	44	82	-	-	-	-	-	-	-	1011.8	-5	SSW	3	0	45	82	-	2-3000	St	10	-	-	-
Flamborough Hd.															1017.2	-2	SW	3	0	48	92	3	1-1500	St	9	ASr	1	-
Felixstowe ...	1023.8	0	SSW	2	c	49	98	3	1-1500	St	8	-	-	-	1022.8	0	SSW	2	om	48	98	2	1-1500	St	10	-	-	-
Cranwell (Lincs)	1022.0	0	W	4	bc	49	92	5	2-3000	St	4	-	-	-	1019.9	0	SW	3	0	50	92	4	2-3000	St	6	ASr	4	-
Shebburness ...															1023.3	0	SW	1	om	49	98	5	1-1500	St	10	-	-	-
Benson ...															1022.7	-2	SW	3	om	51	98	5	-	Nb	10	-	-	-
London (Kew Obs.)	1025.0	+2	*	*	om	*	*	*	*	*	*	*	*	*	1024.4	-2	SW	3	om	51	98	4	1-2000	St	6	ASr	4	-
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.															24 HOURS ENDED 7H. 18 th													
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	at M.S.L. mb.	Change in 3 hours.	TEMPERATURE.		WIND.	Direc. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.							
			Direc.	Force 0-12.				Temp. °F.	Change in 24 hours.						Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
18H. G.M.T. OF 17 th															7H. G.M.T. OF 18 th													
Lerwick ...	997.0	42	SW	5	om	1005.0	-1	44	-4	SW	2	-	om	2	11	45	40	omd	om	om	*							
Stornoway ...	1005.7	43	W	6	bcpg	1001.6	-12	45	-7	S	7	-	adpg	5	11	52	-	of	bcpg	bcpg	0.0							
Castlehay (Barra Is)	1011.7	48	SW	6	bc	1004.1	-5	49	-2	SW	3	-	op	6	5	51	44	opr	no bc	bcpg	1.1							
Glasgow ...	1012.9	46	W	4	b	1012.1	-6	44	-6	SW	3	-	0	*	2	54	41	adpg	adpg	bcpg	0.0							
Main Head ...	1013.3	43	W	3	bc	1007.0	-4	48	-2	SSW	4	-	c	4	2	52	42	omd	cpg	c	1.5							
Blacksod Point ...	1017.3	46	W	2	bc	1009.2	-4	51	+1	W	4	-	om	3	2	54	44	omd	bc	omd	*							
Roche's Point ...	1022.5	53	WSW	3	bc	1019.2	-2	51	+1	SW	4	-	f	4	2	55	49	ofc	ofc	ofc	*							
Birr Castle ...	1019.2	51	SW	2	c	1014.9	*	54	0	S	3	-	0	*	2	59	45	co	ofc	ofc	0.0							
Donaghadee ...	1015.6	49	W	3	om	1013.7	-7	47	-6	S	3	-	omr	5	0.1	59	37	omg	omg	bm	*							
Liverpool (Bidston)	1014.9	54	SW	5	0	1017.7	-3	51	0	SW	3	-	0	2	-	55	47	bc	bc	bc	0.2							
Holyhead ...	1017.8	49	SW	5	ofc	1015.6	-4	48	0	SSW	5	-	rf	4	1	50	44	fig	fig	febrf	0.0							
Pembroke (St. Ann's Head)	1022.8	50	SW	4	ofc	1021.1	-3	49	+1	SW	4	-	ofc	4	1	50	48	ofc	ofc	omfr	0.0							
Silly (St. Mary's)	1027.4	51	WSW	4	ofc	1024.3	-1	50	+1	SW	3	-	fe	5	1	52	49	ofc	ofc	fe	0.0							
Jersey (St. Aubin)	1030.6	49	SW	3	de	1027.7	-1	49	+5	SW	2	-	oe	2	1	49	42	bc	bc	oeoe	4.2							
Portland Bill ...	1026.9	48	WSW	5	fe	1024.0	-1	49	0	WSW	5	-	fc	5	0.4	50	45	of	ofc	fe	*							
Dunegeness ...	1025.1	47	SW	5	rm	1024.2	-1	47	+2	WSW	3	-	f	3	0.3	47	44	c	ofc	ofc	*							
Wick ...	1003.2	42	WSW	3	bc	1005.1	-5	43	-9	SSW	3	-	cm	2	6	54	36	bc	bc	bc	*							
Nairn ...	1007.1	44	W	3	bc	1005.7	*	43	-9	-	0	-	cg	1	5	52	41	bcpg	bcpg	bcpg	2.1							
Leith ...	1010.4	49	W	4	b	1011.6	-2	43	-10	NW	1	-	0	2	1	57	40	cg	cg	cg	*							
Tynemouth ...	1011.0	51	SW	4	cmg	1016.0	-3	45	-5	W	2	-	cm	2	-	55	40	omg	omg	omg	*							
Spurn Head ...	1015.8	51	SW	6	c	1018.8	-2	45	-2	SW	3	-	cz	3	-	52	37	cg	cg	bc	*							
Yarmouth (Gorleston)	1020.0	51	WSW	2	c	1020.9	0	49	+2	WSW	2	-	c	2	0.1	53	41	c	c	c	0.0							
Clacton-on-Sea ...	1023.5	49	WSW	3	0	1023.1	-1	48	+5	WSW	3	-	om	2	-	50	42	bc	bc	bc	0.7							
Nottingham ...	1019.1	53	SW	3	0	1019.8	*	51	+5	SW	2	-	0	*	-	54	46	0	0	0	0.0							

SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 18th January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW. 5-20.	Mild.	Overcast, some mist or fog and slight rain.	Indiff.	Slight.
2. E. England	SW. 5-10.	"	Dull, some mist.	Poor.	Smooth
3. E. Midlands	SW. 5-10.	"	Overcast, some rain.	Ord.	"
4. W. Midlands	SW. 5-10.	"	" " "	Indiff.	"
5. S.W. England	SW. 10-20.	r.mild.	Dull; much mist or fog.	v.poor.	r.rough.
6. South Wales	SW. 15.	"	Overcast, foggy.	"	Mod.
7. North Wales	SSW. 15-20.	"	Overcast, some rain and fog.	Poor.	"
8. N.W. England	SW. 10.	Mild.	Dull.	Indiff.	Smooth.
9. N. Midlands	SW. 5-10.	"	Dull.	"	"
10. N.E. England	SW. 5-10.	"	Dull, local mist or haze.	Poor.	Slight.
11. E. Scotland	S.W. 5-15.	r.mild.	Dull.	Good.	Smooth.
12. S.W. Scotland	SW. 10-15.	"	Overcast, some mist and drizzle.	Indiff.	Mod.
13. Isle of Man	SSW. 10-15.	"	Dull, mist and rain.	"	"
14. N. & N.W. Scotland	S.W. 5-20.	"	Dull, some mist and rain.	Ord.	"
15. Hebrides	S. 20-35.	"	Overcast, squally, showery.	"	r.rough.
16. Orkneys and Shetlands	SW. 5.	"	Overcast, some mist.	Indiff.	Smooth.
17. N.W. Ireland	S.W. 15.	Mild.	Dull, some mist.	"	Mod.
18. N.E. Ireland	S.W. 10-15.	"	Dull, some rain, mist.	Poor.	Slight.
19. S.E. Ireland	S.W. 10-20.	"	Overcast, local squalls.	"	Mod.
20. S.W. Ireland	SW. 10-20.	"	Overcast, some rain and fog.	"	"

GENERAL INFERENCE from observations received up to 9 a.m.

The barometer is falling in the South of Iceland and over the British Isles. The winds will remain S.W. generally, reaching gale force in the West and North, with mild and unsettled weather.

EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of two millibars.
 WIND.—Direction is shown by the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.
 TEMPERATURE.—Isobars are drawn at intervals of two millibars.
 WEATHER SYMBOLS.—sky; cloudy; overcast sky; rain; snow; hail; thunder; sea disturbance.
 Further Outlook.

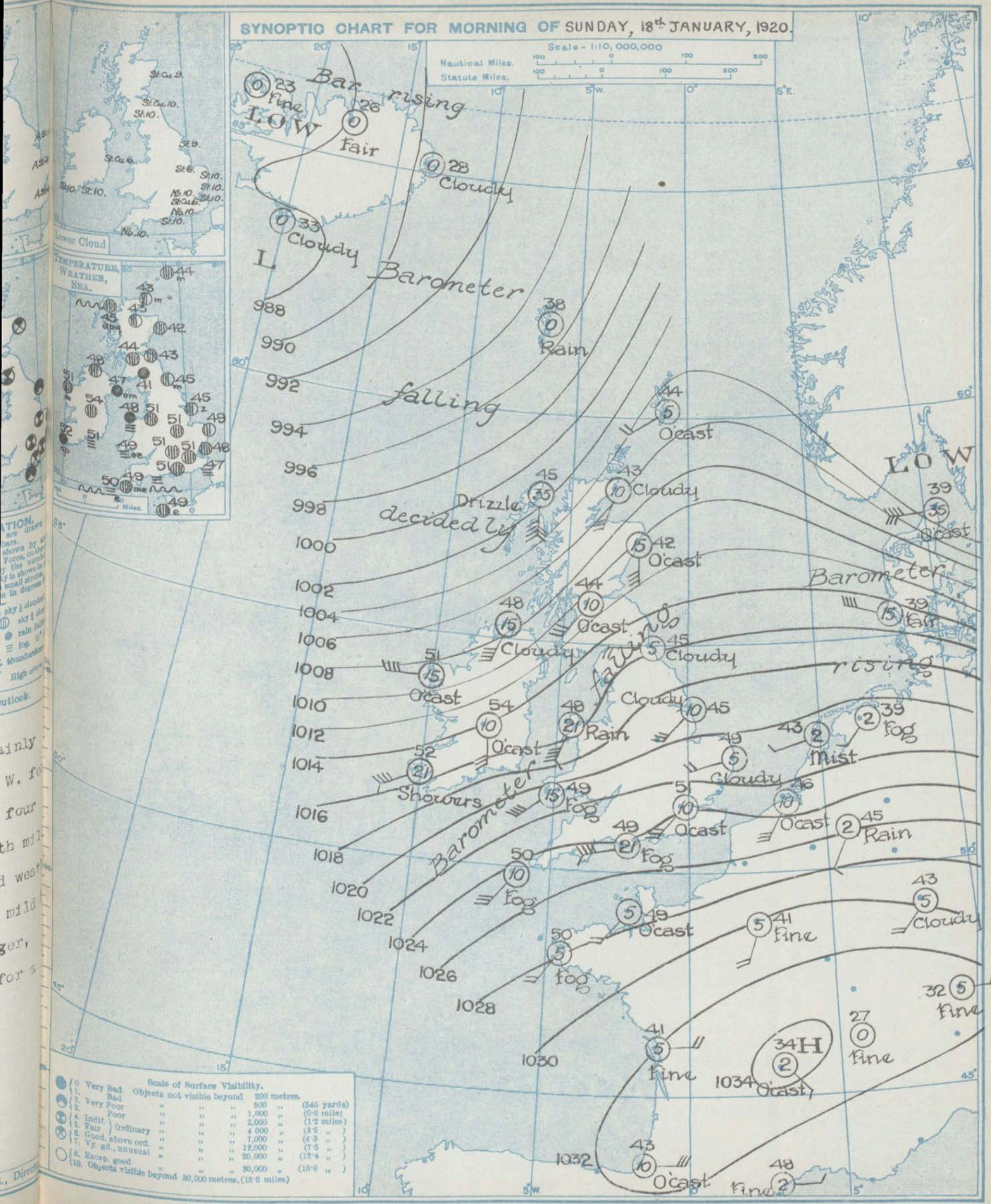
Districts. Forecasts for the 24 hours commencing 3 p.m. Sunday, 18th January, 1920.

1. S.E. England	Fresh S.W. wind; sky mainly covered with low cloud, some rain or drizzle, poor visibility; very mild.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Strong S.W. wind, a gale at times in exposed places; sky mainly covered with low cloud, rain at times; poor visibility; very mild.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Wind mainly S.W. and W. for three or four days, with mild unsettled weather. Probably mild even longer, perhaps for a week.

SYNOPTIC CHART FOR MORNING OF SUNDAY, 18th JANUARY, 1920.

Scale - 1:10,000,000
Nautical Miles. Statute Miles.



Scale of Surface Visibility.

Symbol	Description	Objects not visible beyond	Metres	Yards
1	Very Bad	"	200	(220)
2	Very Poor	"	500	(545)
3	Poor	"	1,000	(1,090)
4	Indist.	"	2,000	(2,185)
5	Fair	"	4,000	(4,370)
6	Good, above ord.	"	7,000	(7,640)
7	Vy. gd., unusual	"	12,000	(13,120)
8	Excep. good	"	20,000	(21,870)
9	Objects visible beyond	"	30,000	(32,800)

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 17th																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 18h-9h. 16h-17h.	Day, 9h-18h. 17h-18h.	Sunrise to Sunset. 17h.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 18h-9h. 16h-17h.	Day, 9h-18h. 17h-18h.	Sunrise to Sunset. 17h.
Scotland.	Oban ...	to c	bc	52	47	16	12	0.6	England, N.W.	Douglas (I.O.M.)							
	Banff ...	bc	cpq	57	44	-	1	0.9		Blackpool ...							
	Montrose ...									Southport ...	co	o co	55	47	-	-	0.1
	St. Andrews ...	*	*														
England, N.E.	Harrogate ...	of	o ad bc b	55	46	3	1	0.0	Midlands.	Buxton							
	Scarborough ...	om	o	54	49	-	-	0.0		Leamington Spa ...							
	Skegness ...									Malvern ...	c	c	52	45	-	-	0.0
										Ross-on-Wye ...	o c g	g	53	46	-	-	0.1
England, E.	Lowestoft ...								Wales.	Rhyl ...							
	Felixstowe ...	bc m	o g m	51	44	-	-	0.7		Colwyn Bay							
	Southend-on-Sea ...	bc	bc c o	50	41	-	-	2.2		Llandudno ...	*	*	59	50	-	0.1	0.0
										Aberystwyth ...	to c	coo	52	48	*	*	0.0
England, S.E.	Tunbridge Wells	o c bc	c o l	49	40	-	-	0.0	England, S.W.	Weymouth ...							
	Margate ...	c bc b	b bc c	52	42	-	-	2.9		Teignmouth							
	Ramsgate ...	o	o	50	40	-	-	2.1		Torquay ...							
	Folkestone ...	fo	oe	47	42	-	-	0.0		Paignton ...	o am o d	od	51	48	-	-	0.0
	Hastings ...	fo	o	49	42	0.2	-	0.0		Penzance							
	Eastbourne ...	o	om d	48	43	0.1	0.2	0.0		Newquay ...							
	Brighton ...									Bude ...							
	Worthing ...	o	od	47	43	-	-	0.0		Ilfracombe ...							
	Littlehampton ...	ome	om	49	46	-	-	0.1		Weston-s-Mare ...							
	Bournemouth ...	*	*	49	44	-	-	0.0		Bath ...	oc	o	55	45	*	*	0.0
	Ventnor (I. of W.)	*	*	45	43	-	-	0.0									

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Rainfall.		Limits of Velocity at about 30 feet above ground.	
		7h-13h	13h-18h	18h-7h	7h-13h	°F.	°F.	°F.	°F.	Day, 7h-13h.	Night, 13h-7h.		
Eskdalemuir		o c m d m o f o g e o n f o r m a b	bc. b	bc c o d m	51	34	32	9	0.3	0.0	0.0	No.	
Valencia (Cabrilsveen)		omd	omd	omd	55	52	51	1	1	0.0	0.0		
Baldonnel		g. c. o	g. d.	bc. c. s.	58	46	*	*	*	*	*	Statute miles per hour.	
Anglesey (Llangefni)													
Falmouth		dfc	of me	om	51	46	48	2	1	0.0	0.0	Metres per second.	
Calshot (Hants)		o	pe em	om	?	?	*	*	*	*	*		
Capel												0	
Aberdeen		bc. c	bc. p. b	bc. c o	56	38	30	1	-	0.6	0.6		
East Fortune		g. c. o	g. d.	bc. p. b	57	41	*	*	*	*	*	1	
Flamborough Head		og	og	c o	55	38	*	*	*	*	*		
Felixstowe		omd	omd	om. p.	51	43	*	*	*	*	*	2	
Cranwell (Lines)		b. o	o. c	c. o. bc. c	53	46	*	*	*	*	*		
Shoeburyness		o. c	o. c	om	52	43	*	*	*	*	*	3	
Benson		o	o	o. ap	53	44	49	-	0.3	*	*		
London (Kew Obsy.)		o. c m. o	om	o o d o	52	45	49	-	0.2	0.7	0.7	4	

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.	
Morning.		Afternoon.		Night.		Max. Temp. °F.		Min. Temp. °F.		Rainfall.		Humidity %	
		24 HOURS ENDED 9th G.M.T. 18th		Yesterday.		To-day.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Total		Average Rate.	
Greenwich (Royal Observatory)		c. o	o c o	odod	52	44	46	Trace	1.5	90	93	Maximum Rate, 32.	
City (Bunhill Row)		*	*	*	*	*	*	*	0.0	*	*		
Westminster (St. James's Park)		*	*	*	*	*	*	*	0.7	*	*	Milliwatts.	
Admiralty Arch		bc m o g	omg	om o m d	53	46	*	0.1	0.2	95	96		
Camden Sq. (British Rainfall)		*	*	*	52	47	46	-	*	86	96	Maximum Rate, 32.	
Kensington Palace		c. o	o	*	53	44	49	0.4	*	99	100		
Hampstead Observatory		oc	oc	odome	51	43	41	Trace	0.0	-	97	Maximum Rate, 32.	

NOTES ON THE WEATHER OF YESTERDAY.

The temperature reached 59° at Birr Castle, Donaghadee and Llandudno. Sunshine records were again poor, 4 hours at Jersey and 3 hours at Margate. There were some moderately large falls of rain in the North, 11 m.m. at Stornoway and Lerwick and 9 m.m. at Eskdalemuir. Fog was again a common occurrence on the South coast of Ireland and South and West coasts of England. The aurora borealis was observed at Donaghadee.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 2222B

MONDAY 19th JANUARY 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 10, 7H, 18H AND 18H.

STATIONS.	BAROM.	†	WIND.		TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud		Sea	BAROM.	†	WIND.		TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud		Sea			
	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.					Form.	Am. 0-10.	Form.	Am. 0-10.		0-9.	at M.S.L.	Change in 3 hours.	Dir.					Force 0-12.	Form.	Am. 0-10.	Form.		Am. 0-10.	0-9.	
	mb.																												
13H. G.M.T. 19 th														18H. G.M.T. OF 18 th															
Esksdalemuir ...	10099	-4	SW	4	orm	46	98	4	5-1000	Nb	10	-	-	×	10073	-2	WNW	3	orm	42	87	5	1-1500	Nb	10	-	-	-	×
Valencia (Cahire'n)	1012.6	-5	S	6	wd	52	98	6	5-1000	St	8	asr	2	5	1013.0	+2	WNW	5	st	44	92	7	1-1500	St	8	asr	2	4	×
Baldonnel ...	1011.6	-3	SW	4	org	54	92	3	5-1000	St	10	-	-	×	1010.9	-1	SW	5	org	53	92	2	1-1500	St	10	-	-	-	×
Anglesey (Llangefni)																													
Falmouth ...	1021.8	-4	SW	3	of	52	98	1	-	-	-	-	-	×	1018.2	-4	SW	5	odmg	49	92	1	-	Nb	10	-	-	-	×
Calshot (Hants) ...	1023.5	-2	SW	3	em	49	98	1	-	-	-	-	-	3	1020.0	-2	SW	3	of	49	98	1	-	-	-	-	-	-	×
Capel ...																													
Alderdeen ...	1004.4	-6	SSW	3	bz	46	98	4	-	St.	1	ACu	2	2	1004.9	+1	W	2	o	45	92	7	-	StCu	9	-	-	-	2
East Fortune ...	1006.8	-3	SW	5	ca	54	82	7	2-3000	StCu	6	ACu	2	×	1006.0	-1	WSW	4	bc	44	87	7	2-3000	StCu	4	-	-	-	×
Fleming's Hd.	1013.5	-2	SW	5	om	49	92	4	15-2000	St.	10	-	-	-	1009.9	-1	SW	4	o	51	92	5	15-2000	St.	10	-	-	-	×
Felixstowe ...	1020.2	-4	SSW	2	of	48	98	2	1-1500	St.	10	-	-	2	1018.5	-1	SSW	2	o	48	98	3	1-1500	St.	10	-	-	-	2
Cranwell (Lincs)	1016.2	-4	SW	5	c	55	87	7	15-2000	StCu	3	ASr	4	×	1014.0	-2	SW	5	c	52	82	5	2-3000	St.	3	cu	3	-	×
Shearwater ...	1020.7	-3	WSW	2	em	51	92	3	15-2000	StCu	8	ASr	2	-	1018.9	-2	SW	2	o	50	92	5	15-2000	St.	10	-	-	-	×
Benson ...	1020.1	-2	SW	3	o	53	92	5	-	-	-	-	-	×	1017.6	-3	SSW	3	o	50	92	6	-	St.	9	-	-	-	×
London (Kew Ob.)	1020.6	-4	WSW	3	om	53	92	4	2-3000	Nb	3	ACu	7	×	1016.7	-3	SW	2	om	52	92	4	15-2000	St.	10	-	-	-	×

1H. G.M.T. OF 19 th 5007 2503														7H. G.M.T. OF 19 th													
Esksdalemuir ...	1008.2	0	SW	1	orm	36	92	4	-	Nb	10	-	-	1007.9	0	S	2	od	33	98	6	-	Nb	9	-	-	-
Valencia (Cahire'n)	1014.9	+2	W	5	bcp	42	8	8	8	8	8	8	8	1017.0	+2	WNW	5	cp	42	78	8	-	StCu	7	-	-	-
Baldonnel ...	1011.5	+1	SW	2	o	40	98	3	15-2000	St	10	-	-	1012.9	+1	W	2	c	27	92	4	15-2000	StCu	3	ACu	2	-
Anglesey (Llangefni)																											
Falmouth ...	1014.7	-4	SSW	6	bcp	49	92	3	-	Cu	4	-	-	1015.4	+4	NW	4	or	43	92	4	-	Nb	10	-	-	-
Calshot (Hants) ...	1016.7	-1	WSW	2	d	48	98	4	2-3000	Nb	10	-	-	1011.7	-1	WSW	3	od	48	98	4	15-2000	Nb	10	-	-	3
Capel ...																											
Aberdeen ...														1004.3	0	W	2	b	35	82	7	-	-	-	-	2	
East Fortune ...	1006.0	0	W	3	om	41	92	-	2-3000	StCu	9	-	-	1005.9	0	WSW	3	bc	37	87	-	2-3000	StCu	3	-	-	-
Flamborough Hd.	1006.8	-3	SW	5	o	47	92	5	2-3000	St	10	-	-	1006.3	3	NNW	4	org	39	92	5	5-1000	Nb	10	-	-	-
Felixstowe ...	1014.7	-4	SSW	3	o	47	98	3	1-1500	St	10	-	-	1009.2	-4	SSW	3	o	47	98	3	15-2000	St	9	-	-	-
Cranwell (Lincs)	1010.2	-2	SSW	6	o	51	92	4	2-3000	St	7	ASr	3	1008.6	+1	NNW	2	orm	44	92	4	15-2000	Nb	10	-	-	-
Shearbury TSS ...														1010.7	-4	W	4	om	48	92	5	1-1500	StCu	10	-	-	-
Benson ...														1009.0	-2	SW	4	od	47	98	-	-	Nb	10	-	-	-
London ...														1010.5	-3	SW	4	om	49	87	5	15-2000	StCu	10	-	-	-
M.O. at L.	1014.7	-5	W	4	o	4	8	8	8	8	8	8	8														

STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.

STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			at M.S.L. mb.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.			
18H. G.M.T. of 19 th						7H. G.M.T. of 19 th						24 HOURS ENDED 7H. 19 th						18 th			
Lerwick	997.0	41	S	5	bcmg	999.2	0	41	-3	S	5	-	bcmg	3.	1	46	37	ormg	cmg	bcmg	*
Stornoway	1002.6	39	S	6	0	1002.6	+1	34	-11	NW	3	-	oph	2	3	49	7	org	op.9	bc.oph	0.0
Castlebay (Barra Is)	1005.4	43	W	4	0	1004.8	0	40	-9	WNW	5	W	bc	4	1	49	37	op.0	0	shp. bc	0.0
Glasgow	1007.9	43	WSW	2	orm	1007.7	0	36	-8	W	2	-	od	x	9	50	36	omr	dm	dmtd	0.0
Main Head	1007.2	43	SW	2	om	1006.9	0	38	-9	W	4	W	cmg	4	2	50	36	c	omr	cm	0.0
Blacksod Point	1010.3	45	-	0	cm	1012.9	+1	38	-13	NW	3	-	cp	4	8	52	34	omd	omd	om bcp	*
Roche's Point	1012.8	50	SW	5	dm	1016.1	+1	38	-13	W	4	-	b	3	7	52	38	od.0	omd	r.o.b	*
Birr Castle	1010.5	43	W	2	r	1013.6	*	36	-18	W	1	-	c	*	16	53	35	od.r	or	orc	0.0
Donaghadee	1009.9	44	WSW	1	omr	1009.8	0	37	-10	W	2	-	bm	1	9	53	36	omr	omr	omr	0.1
Liverpool (Bidston)	1012.0	51	SW	5	0	1010.0	0	41	-10	WNW	4	-	0	3	5	54	35	op	c. or	or	0.1
Holyhead	1010.5	49	SW	7	of. r	1010.1	+1	43	-5	WNW	5	-	cg	3	6	49	40	fp	sepa	ad. or	0.0
Pembroke (St. Ann's Head)	1015.4	49	SSW	4	cp	1013.5	+3	42	-7	WNW	3	-	or	4	3	50	41	of. r	om. cp	co. for	0.0
Scilly (St. Mary's)	1019.3	49	SW	3	fe	1017.0	+3	44	-6	NW	6	-	0	6	3	50	44	fe	fe	om. p	0.0
Jersey (St. Aubin)	1022.7	51	SW	2	od	1015.3	-1	48	-1	SW	4	-	0	3	1	52	47	ol.	ol. od	om	0.0
Portland Bill	1019.5	48	SW	4	fe	1011.5	-2	47	-2	SW	5	-	od	5	2	50	45	fe. r	ref	cod	*
Dungeness	1020.0	48	WSW	3	f	1011.9	-4	47	0	SW	4	SW	r	4	1	48	46	df	df	df. r	*
Wick	1001.4	43	WSW	3	b	1000.6	0	33	-10	WSW	2	-	b	2	-	49	31	cm. om	om. b	b	*
Nairn	1003.5	41	W	1	c	1003.2	*	35	-8	-	0	-	bc	1	1	50	33	cp. g	cg	c. b. x	0.5
Leith	1005.9	44	W	2	0	1005.8	0	38	-5	SW	2	-	b	2	2	54	37	oc. p	odo	od. oc. b	*
Tynemouth	1007.0	51	W	2	om	1006.6	0	39	-6	W	2	-	om	2	6	54	39	cm	om	om. r	*
Spurn Head	1012.7	50	SW	4	c	1006.8	-7	41	-4	N	5	-	or	4	2	53	38	c	c	0	*
Yarmouth (dior. light)	1015.18	54	W	3	0	1009.2	-5	49	0	WSW	4	-	og	3	0.4	55	48	C. 0	m. 0	om. b. om	0.0
Clacton-on-Sea	1015.4	52	SW	3	0	1010.5	-2	43	-5	SW	4	-	og	3	1	52	44	og. p	og. m	og. m. c	0.0
Nottingham	1013.9	52	SW	3	b	1009.0	*	41	-10	NW	3	-	orm	*	1	56	40	o.	c. bc	bc. p	0.0

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 1h.

SUMMARY OF CONDITIONS AT 7 A.M. Monday, 19th January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW. 15-20	R.mild	Dull, rainy.	Ord.	Mod.
2. E. England	SW. 15	Mild	Dull.	"	Slight
3. E. Midlands	WSW. 15	R.mild	Dull, rainy.	Indiff.	-
4. W. Midlands	W. 10-15	"	Dull, rainy.	"	-
5. S.W. England	NW-W. 15-20	Mod.	Dull, rainy.	"	R.rough
6. South Wales	WNW. 10	"	Dull, rainy.	"	Mod.
7. North Wales	WNW. 15-20	"	Dull.	"	Slight
8. N.W. England	WNW. 15	"	Dull.	Ord.	"
9. N. Midlands	NW. 10-15	R.mild	Dull, rainy, some mist.	Indiff.	-
10. N.E. England	W-N. 10-20	Mod.	Dull, rainy.	Ord.	Smooth
11. E. Scotland	WSW. 5-10	"	Fair to dull.	Good	"
12. S.W. Scotland	S.W. 2-5	"	Dull, rainy.	"	V. smooth
13. Isle of Man	W. 2	"	Cloudy to dull.	"	Smooth
14. N. & N.W. Scotland	W. 0-2	R. cold	Fair.	Ord.	Slight
15. Hebrides	NW. 10-15	"	Dull.	"	Smooth
16. Orkneys and Shetlands	S. 15-20	Mod.	Fair, some mist.	Indiff.	Slight
17. N.W. Ireland	NW. 10-15	"	Cloudy, some rain.	"	R.rough
18. N.E. Ireland	W. 5	R. cold	Fair, some mist.	"	Smooth
19. S.E. Ireland	W. 2-5	"	Cloudy.	"	Slight
20. S.W. Ireland	W. 15-20	"	Cloudy, some rain.	V. good	"

GENERAL INFERENCE from observations received up to 9 a.m.

The depression off the north of Scotland and the secondary over England will move away eastward, and the wind appears likely to be West or North-West for a time, with a lower temperature than of late. Small pressure irregularities will probably appear and cause further showers in various districts.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the arrow, Force, on a scale of 1 to 12, is indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.
TEMPERATURE.—Mean temperature is given in degrees Fahrenheit.
WEATHER SYMBOLS.
 ☉ clear sky. ☁ sky & cloud. ☁ overcast sky. ☁ rain. * snow. ▲ hail. T thunder. K thunderstorm.
SEA DISTURBANCES.—Rough. High.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 19th January, 1920
1. S.E. England	Wind W. or NW. light or moderate. Mainly cloudy, some local showers of rain or hail, fairer intervals. Visibility fair to good. Temperature falling somewhat.
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	Wind W. or NW. light or moderate. Cloudy, some showers of snow, sleet or rain. Visibility fair to good. Colder.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind NW. and W. backing to SW. light or moderate, fresh locally. Changeable sky, some showers of rain or hail. Visibility mainly fair. Colder than of late.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

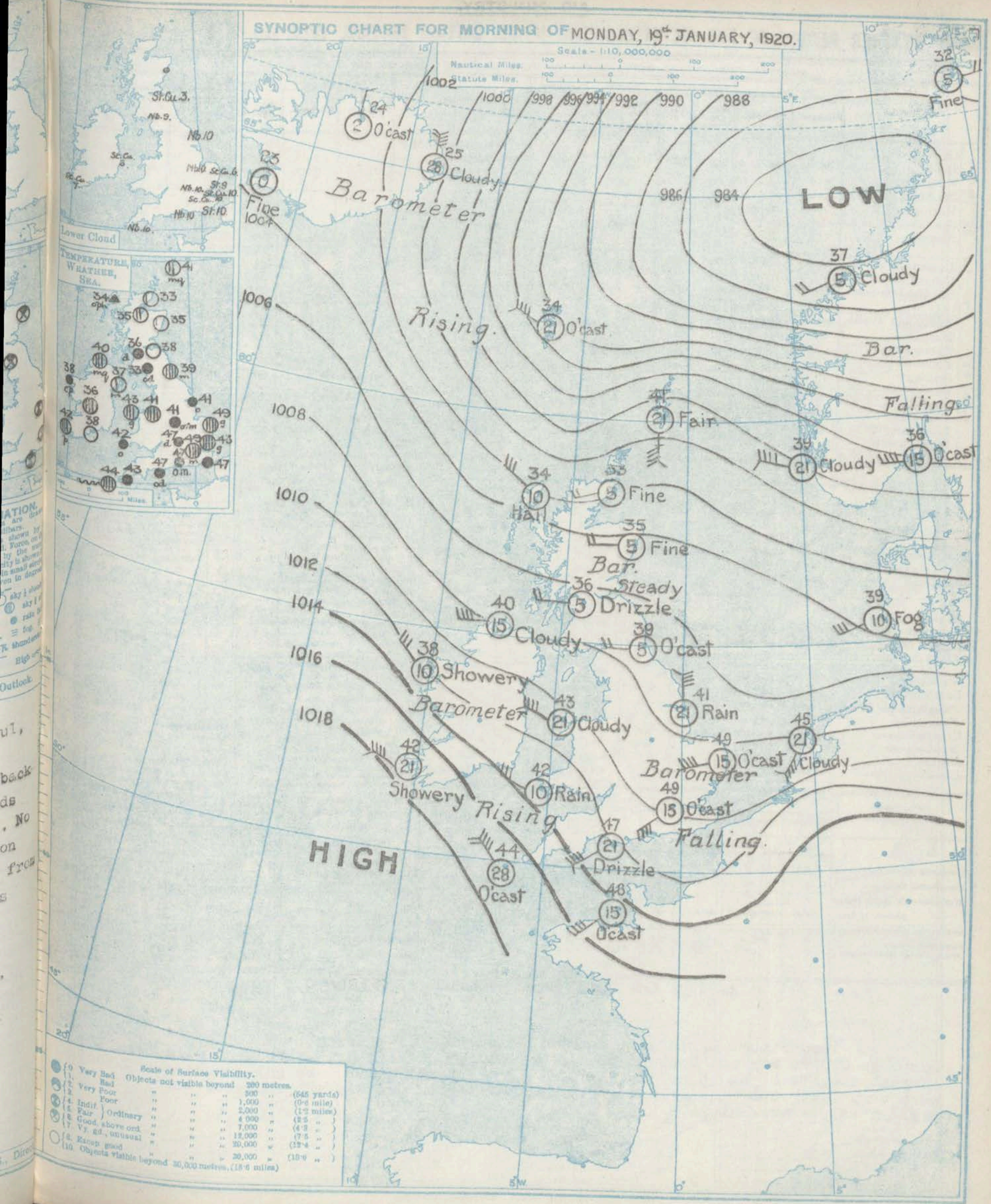
Further Outlook.

Doubtful, but wind probably backing towards SW. again. No information available from the Azores or the Spanish Peninsula.

SYNOPTIC CHART FOR MORNING OF MONDAY, 19th JANUARY, 1920.

Scale - 1:10,000,000

Nautical Miles.
Statute Miles.



Scale of Surface Visibility.

Symbol	Description	Objects not visible beyond	metres	(yards)
1	Very Bad	300		(645)
2	Very Poor	1,000		(1,094)
3	Poor	2,000		(2,188)
4	Indist.	4,000		(4,375)
5	Fair	7,000		(7,676)
6	Good, above ord.	12,000		(13,122)
7	Vj. gd., unusual	20,000		(21,872)
8	Keen good	30,000		(32,808)
9	Objects visible beyond	30,000		(32,808)
10	Objects visible beyond	30,000		(32,808)

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 18 th																		
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-1h.	Day. 9h-12h.	Sunrise to Sun-set. 19 th			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-1h.	Day. 9h-12h.	Sunrise to Sun-set. 19 th	
						17-18	19	19 th							17-18	19	19 th	
						mm.	mm.								mm.	mm.		
Scotland.	Oban								England, N.W.	Douglas (I.O.M.)								
	Banff	bc.b	bc.c.o	55	38	-	-	0.0		Blackpool								
	Montrose									Southport	T.O.	T.O.C	56	44	1	6	0.0	
	St. Andrews																	
England, N.E.	Harrogate	od.	o.bc	53	41	-	0.2	0.0	Midlands.	Buxton								
	Scarborough									Leamington Spa...			54	47	-	-	0.0	
	Skegness									Malvern								
										Ross-on-Wye	p.pd.c.c.c	o.bc.c.b	54	50	trace	-	1.9	
England, E.	Lowestoft	od.	od.	54	48	0.1	-	0.0	Wales.	Rhyl	c.bc.	bc.c	55	46	0.4	-	1.9	
	Felixstowe			51	46	0.7	0.3	0.0		Colwyn Bay			56	49	1	-	0.4	
	Southend-on-Sea...	ompe.	oc.	50	43	-	1	0.0		Llandudno			54	48	1	0.3	0.0	
										Aberystwyth								
England, S.E.	Tunbridge Wells	omr.o	omr.	51	46	-	0.7	0.0	England, S.W.	Weymouth								
	Margate									Teignmouth								
	Ramsgate	o	o	47	36	-	4.9	0.0		Torquay	o	o	52	50	-	-	0.1	
	Folkestone			47	45	trace	0.3	0.0		Paignton								
	Hastings	fm	fm	50	47	1	1	0.0		Penzance	c.c.	c.ory	53	50	1	1	0.0	
	Eastbourne	x	x	50	48	1	1	0.0		Newquay	omd.o	o.bc.c	54	50	1	-	0.5	
	Brighton	fc	fc	47	46	1	0.3	0.0		Bude								
	Worthing	odm	odm	48	46	-	0.1	0.0		Ilfracombe								
	Littlehampton	x	x	50	46	1	0.4	0.0		Weston-s-Mare								
	Bournemouth			50	46	1	0.4	0.0		BATH.	o	o.c.bc	58	52	x	x	0.4	
	Ventnor (I. of W.)	x	x	49	46	2	1	0.0										

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.		
STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Glass. ° F.	RAINFALL.						Sun. Hours.
	7h-13h.18	13h-18h.18	18h-1h.19	1h-7h.19				Day. 7h-18h. mm.	Night. 18h-7h. mm.					
Eskdalemuir	admofcorm	orm	orm	ormocod	51	33	30	11	4	0.0	b blue sky (not more than a quarter covered).			
Valencia (Cahirciveen) ...	ord.	or		roc	53	38	34	10	3	0.0	bc sky partly cloudy (one half covered).			
Baldonnel	pd,q	pd,q	or	bcc,r.	54	34					c generally cloudy (three quarters covered).			
Anglesey (Llangefni) ...											d drizzle, or fine rain.			
Falmouth	ofc of	ofed.m.	dq.bcp	bcc,r.	51	43	41	1	5	0.0	e wet air without rain falling.			
Calshot (Hants)	em.pd.	em,pds	of,d.	bo.pd.	49	47	46	-	3	0.0	f fog. g gloom.			
Capel											h hail. i lightning.			
Aberdeen	cbc,by	bcc,bo	a.e.b		50	35	28	-	-	1.1	m mist. o overcast sky.			
East Fortune	q.bcc	q,r.	q.p.	b,bc	53	35					p passing showers.			
Flamborough Head	ame	om,pds	c.oq	r,q	52	37					q squalls. r rain.			
Felixstowe	p.	ofz	p.	p,q	50	45					rs sleet, i.e., rain and snow together.			
Cranwell (Lines) ...	o.b.o	c.o.c.o	b.b.c.o	or	56	39					s snow. t thunder.			
Shoeburyness	amd	om.o		om	53	47	46	10	0.1	0.0	u ugly, threatening sky.			
Benson	a.	bo.o	o.d		54	47	-	-	0.1		v unusual visibility.			
London (New Obsy.) ...	om,of,om	om,adm,am	o.or,o		53	48	46	0.1	0.4	0.2	w dew. x hoar frost.			
											y dry air; humidity less than 60 per cent.			
											z dust haze; the turbid atmosphere of dry weather.			

SUFFIXES

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuiv.

SYMBOLS-

Aurora ☼ Solar halo
Rime ☽ Lunar halo
Glazed frost ☼ Solar corona
Glazed roads ☽ Lunar corona



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 25238

TUESDAY, 20TH JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 10, 11, 15H AND 18H.

STATIONS.	Barom. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	Barom. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.		
			Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Direc.	Force 0-12.												
13H. G.M.T. 19 TH																														
Eskdalemuir ...	1008.8	0	W	4	b	35	82	7	-	Fr Cu	7	-	-	*	1009.6	+1	W	4	bc	33	72	6	-	Nb	5	-	-	-	*	
Valencia (Cahire'n)	1021.4	+1	W	5	b	44	82	8	2-3000	Fr Cu	3	-	-	*	1023.8	+3	W	4	bc	46	75	7	2-3000	St	10	-	-	-	*	
Baldonnel ...	1015.5	0	W	4	b	40	92	4	1 1/2-2000	Fr Cu	3	-	-	*	1017.8	+4	W	3	bc	38	92	4	1 1/2-2000	St	3	As	2	-	*	
18H. G.M.T. OF 19 TH																														
Anglesey (Llangefni)	1019.3	+3	WNW	5	b	45	65	8	-	Fr Cu	5	-	-	*	1023.5	+5	NW	5	b	42	65	6	-	Fr	1	-	-	-	*	
Falmouth	1014.0	+2	NW	3	0	42	92	5	1 1/2-2000	St	10	-	-	*	1018.1	+5	WNW	4	b	40	75	6	-	-	-	-	-	-	*	
Capel	1014.0	+2	NW	3	0	42	92	5	1 1/2-2000	St	10	-	-	*	1018.1	+5	WNW	4	b	40	75	6	-	-	-	-	-	-	*	
1H. G.M.T. OF 20 TH																														
Eskdalemuir ...	1013.3	+3	WNW	5	b	34	82	6	-	-	-	-	-	*	1016.1	+1	S	2	0	33	87	6	-	-	-	-	-	-	*	
Valencia (Cahire'n)	1025.7	0	WNW	4	0	49	*	*	*	*	*	*	*	*	1024.2	+2	W	4	or	51	92	4	-	St	10	-	-	-	-	*
Baldonnel ...	1015.5	0	WNW	4	0	49	*	*	*	*	*	*	*	*	1018.0	-2	SW	5	or	45	92	3	1 1/2-2000	St	10	-	-	-	-	*
7H. G.M.T. OF 20 TH																														
Anglesey (Llangefni)	1026.1	+1	W	4	b2	44	82	4	-	Fr Cu	2	-	-	*	1023.2	-5	W	6	orm	50	92	0	-	Nb	10	-	-	-	-	*
Falmouth	1022.1	+2	W	2	b	40	92	4	-	-	-	-	-	*	1023.1	+2	W	3	0	42	92	4	2-3000	St	10	-	-	-	-	*
Capel	1022.1	+2	W	2	b	40	92	4	-	-	-	-	-	*	1023.1	+2	W	3	0	42	92	4	2-3000	St	10	-	-	-	-	*
Aberdeen	1012.1	+4	WSW	3	b	35	82	-	-	-	-	-	-	*	1011.8	0	SW	3	b	35	75	7	-	-	-	-	-	-	-	*
East Fortune	1011.5	?	NW	5	b	34	87	4	2-3000	St Cu	1	As	1	*	1013.7	0	W	4	c	37	82	-	3-4000	Scu	8	-	-	-	-	*
Flamborough Hd	1016.9	+3	WSW	4	b	38	92	4	-	-	-	-	-	*	1015.8	-	NW	4	c	36	82	6	4-5000	Scu	5	As	2	-	-	*
Felixstowe	1016.2	+2	W	3	0	37	92	4	2-3000	St	7	As	3	*	1019.6	+4	W	3	c	38	87	4	1 1/2-2000	St	2	As	2	-	-	*
Cranwell (Lines)	1016.2	+2	W	3	0	37	92	4	2-3000	St	7	As	3	*	1019.1	+3	W	4	bc	36	92	4	2-3000	St	3	As	2	-	-	*
Shoeburyness	1016.2	+2	W	3	0	37	92	4	2-3000	St	7	As	3	*	1020.5	+3	N	1	bc	37	82	7	2-3000	St	2	As	2	-	-	*
Benson	1020.0	0	?	?	b	?	?	?	?	?	?	?	?	*	1021.0	+2	WNW	1	0	37	87	7	-	Scu	10	-	-	-	-	*
London (Kew Obs.)	1020.0	0	?	?	b	?	?	?	?	?	?	?	?	*	1021.5	+1	NW	2	bcx	40	82	5	2-3000	Scu	2	As	3	-	-	*
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																														
STATIONS.	Barom. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	Barometer. at M.S.L. mb.	TEMP. °F.	Change in 3 hours.	WIND.	Direc.	Force 0-12.	Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.								
			Direc.	Force 0-12.					Direc.	Force 0-12.	Upper Cloud.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.										
18H. G.M.T. OF 19 TH																														
Lerwick	997.7	36	SW	4	omf	1007.9	36	-5	-	0	-	-	om	0	6	46	36	omhy	omhy	em	*									
Stornoway	1005.2	36	NW	2	bc	1009.0	39	+5	W	2	-	-	bc	1	2	40	37	ops	bc	bcp	2.6									
Castletown (Barra)	1008.1	40	W	4	bc	1010.0	46	+6	W	5	-	-	0	5	1	46	36	bc	bc	bcp	1.6									
Glasgow	1009.6	33	WSW	2	b	1014.6	36	0	SW	2	-	-	0	*	5	36	32	orsp	bc	bosp	1.5									
Malin Head	1009.6	41	W	4	cgp	1011.8	-1	44	SW	3	SW	om	4	2	2	50	35	em	cgp	om	2.5									
Blacksod Point	1017.4	43	NW	3	bcph	1019.1	+4	49	+11	-	0	-	om	2	4	50	35	bcph	bcph	om	*									
Roche's Point	1022.7	41	W	3	b	1022.7	0	52	+14	NW	4	-	0	3	0.4	52	37	b	bc	bc	*									
Birr Castle	1019.3	40	W	2	c	1018.1	*	50	+14	SW	3	-	r	*	0.4	50	35	c	bc	codr	6.4									
Donaghadee	1012.7	37	W	3	bcm	1016.3	-1	39	+2	WSW	1	-	bcm	1	2	41	35	bcm	bcm	m.em	*									
Liverpool (Widston)	1013.0	41	W	5	0	1018.4	+1	42	+1	W	4	W	0	4	2	44	41	bc	0	og	1.4									
Holyhead	1015.5	42	WNW	7	cay	1018.4	-1	44	+1	SW	4	-	adm	2	0.1	44	40	cay	cay	bodm	5.1									
Pembroke (St. Ann's Head)	1019.9	40	NW	4	bc	1020.4	-2	48	+6	W	1	-	r	5	2	48	41	or	bc	codf	6.7									
Sally (St. Mary's)	1024.4	44	WNW	6	bc	1024.4	-2	50	+6	NW	6	-	0	6	4	50	43	omp	bc	omp	5.6									
Jersey (St. Aubin)	1020.8	44	NW	4	b	1025.4	0	47	-1	WSW	4	-	adm	3	3	49	42	od	bc	bodm	1.2									
Portland Bill	1018.5	44	WNW	7	bc	1022.6	0	45	-2	WNW	5	-	og	5	1	48	40	od	bc	bcp	*									
Dungeness	1014.0	38	WNW	3	c	1021.2	+1	36	-11	W	2	-	b	2	2	47	33	cp	er	cbbx	*									
Wick	1003.0	33	WSW	3	b	1008.5	0	35	+2	WNW	1	-	c	1	2	37	30	omp	s	bcc	4.2									
Nairn	1005.2	34	W	2	bc	1010.6	*	34	-1	W	1	-	cg	1	2	37	32	bc	bc	bcc	*									
Leith	1006.4	35	W	2	b	1013.7	0	37	-1	SW	2	-	0	2	0.1	39	34	bcc	cor	bcg	*									
Tynemouth	1004.7	37	WNW	3	bcm	1016.0	+1	36	-3	W	2	-	bcm	3	-	40	35	bc	bc	bmbm	*									
Spurn Head	1016.5	39	W	5	b	1016.8	+3	39	-2	W	4	-	cg	4	1	42	36	or	omp	bc	*									
Yarmouth	1016.1	39	NW	4	m	1016.2	+4	35	-14	NW	3	-	bc	3	4	50	34	og	omp	bc	0.0									
Clacton-on-Sea	1012.5	40	WNW	4	c	1019.9	+3	37	-6	WNW	3	-	bc	2	4	47	35	og	og	bc	0.0									
Nottingham	1013.3	39	WNW	3	b	1019.2	*	38	-3	W	3	-	0	3	42	37	or	c	op	bcp	0.1									

* Information for these columns not usually received.

† The barometric change is expressed in half inches.

‡ Longitude at 11h.

SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 20th January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	WSW-WNW. 5-15	Mod.	Variable sky.	Fair	Slight
2. E. England	W-NW. 10-20	"	Fine to cloudy, local squalls.	Var.	"
3. E. Midlands	WSW-W. 2-10	"	Dull.	Good	"
4. W. Midlands	WSW-W. 5-10	"	Dull.	"	"
5. S.W. England	W-NW. 20-30	R. warm	Dull, local rain & squalls.	Poor	R. rough
6. South Wales	W. 10-15	"	Dull, local rain.	Ord.	"
7. North Wales	SW. 15	"	Dull, local drizzle & mist.	Poor	Slight
8. N.W. England	SW-W. 5-15	Mod.	Cloudy or dull.	Ord.	"
9. N. Midlands	W. 10-15	"	Cloudy or dull.	"	"
10. N.E. England	W-NW. 5-15	"	Fair or cloudy, local mist.	Fair.	Mod.
11. E. Scotland	SW-W. 2-15	"	Variable sky.	Good	Smooth
12. S.W. Scotland	S-SW. 5	"	Dull.	"	Slight
13. Isle of Man	SW-W. 10	"	Fair to dull.	"	Smooth
14. N. & N.W. Scotland	W-WNW. 2-5	"	Fair or cloudy, local showers.	Fair	"
15. Hebrides	SW-W. 5	"	Fair to dull, local showers.	"	"
16. Orkneys and Shetlands	W. 0-5	R. cold	Cloudy or dull, mist at Shetlands.	Indiff.	Slight
17. N.W. Ireland	SW-W. 0-10	R. warm	Dull, misty.	Poor	"
18. N.E. Ireland	SW-W. 2-10	Mod.	Fair to dull, misty.	"	"
19. S.E. Ireland	SW-NW 10-20	Warm	Dull, rainy, local squalls.	Ord.	"
20. S.W. Ireland	W-NW. 15	R. warm	Dull, local rain.	Fair	"



GENERAL INFERENCE from observations received up to 9 a.m.

There are no indications of any important change in the general situation. Further depressions are likely to appear over the Icelandic region and secondary disturbances over the British Isles. Unsettled weather is consequently still probable, with winds from between SW. and NW., and a temperature somewhat above the normal over the Kingdom generally.

EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of two millibars.
 WIND.—Direction is shown by an arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.
 TEMPERATURE.—Isobars are drawn at intervals of two millibars.
 WEATHER SYMBOLS.—
 ○ clear sky. ○ sky & clouds
 ○ sky & clouds. ○ sky & clouds
 ○ overcast sky. ○ rain falling
 * snow. △ hail. ≡ fog. ≡ fog.
 T thunder. T thunder.
 SEA DISTURBANCE.—High Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 20th January, 1920	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind between NW. and SW. light or moderate. Mainly overcast, occasional rain, fairer intervals. Visibility poor then improving. Temperature rising.	Similar conditions continuing.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind W. or SW. light or moderate. Mainly dull, some rain, sleet or snow. Fairer intervals. Visibility fair. No great change of temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between SW. and NW. Mainly overcast, occasional rain. Visibility poor to fair. Temperature changing little.	



Scale of Surface Visibility.				
	Objects not visible beyond	200 metres.		
1. Very Bad	"	"	500 "	(545 yards)
2. Bad	"	"	1,000 "	(0.6 mile)
3. Very Poor	"	"	2,000 "	(1.2 miles)
4. Poor	"	"	4,000 "	(3.5 "
5. Indist.	"	"	7,000 "	(4.3 "
6. Fair	"	"	12,000 "	(7.5 "
7. Ordinary	"	"	20,000 "	(12.4 "
8. Good, above ord.	"	"	30,000 "	(16.6 "
9. V. gd., unusual	"	"		
10. Excep. good	"	"		
Objects visible beyond 30,000 metres. (18.6 miles)				

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19 TH																		
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h. 18 TH -19 TH	Day. 9h-12h. 19 TH	Sunrise to Sunset. 19 TH			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h. 18 TH -19 TH	Day. 9h-12h. 19 TH	Sunrise to Sunset. 19 TH	
Scotland.	Oban	bc.b.	p.b	40	35	2	3	1.0	England, N.W.	Douglas (I.O.M.)								
	Banff	b	b	39	34	-	-	6.3		Blackpool	c	c	43	37	7	-	3.2	
	Montrose									Southport	sc.c	oh.c.o	42	39	4	1	3.7	
	St. Andrews	*	*	41	34	-	-	5.7										
England, N.E.	Harrogate	c.bc.b	b	41	41	3	-	3.5	Midlands.	Buxton								
	Scarborough	*	*	46	36	7	1	3.6		Leamington Spa...			43	36	5	-	1.1	
	Skegness	r.o.	o.b	41	36	2	2	0.0		Malvern	r.o.c	bc.b	41	37	4	0.4	2.6	
										Ross-on-Wye	o.c.	p.bc.bc	43	36	3	0.1	3.0	
England, E.	Lowestoft	op.	or.c.b	50	38	-	4	0.0	Wales.	Rhyl	hc.bc	c.bc	43	39	6	-	2.6	
	Felixstowe	ogm	egmp.	47	39	-	4	0.0		Colwyn Bay	*	*	44	39	8	-	2.1	
	Southend-on-Sea...	or.	oph	47	37	-	3	0.0		Llandudno	x	*	53	40	13	-	1.4	
										Aberystwyth	*	*	47	40	*	*	4.0	
England, S.E.	Tunbridge Wells	or.	o.c.bc	47	35	1	3	0.0	England, S.W.	Weymouth								
	Margate	odr.	c	49	40	0.1	4	0.0		Teignmouth								
	Ramsgate	o	o	47	36	-	5	0.0		Torquay	o.bc.	b.bc	46	41	3	-	4.3	
	Folkestone	o.	rdo.	47	38	2	3	0.0		Paignton	o.bc.b	bcp.bc	46	40	3	-	4.1	
	Hastings	or.	or.c	49	36	1	1	0.0		Penzance	c.bc	bc	47	42	5	-	5.2	
	Eastbourne	or.o	or.c.bc	48	38	1	1	0.0		Newquay	bcp.b	b.bc.c	44	40	6	-	5.1	
	Brighton	op.o	op.c.b	47	38	1	3	0.4		Bude	c.bc	bc	45	41	7	-	5.5	
	Worthing	o	chr.bc	47	40	1	1	0.5		Ilfracombe	op.bc	bcq	44	42	5	0.2	3.6	
	Littlehampton	*	*	48	36	-	2	0.5		Weston-s-Mare	o.bc	b.bc.b	45	41	1	-	3.5	
	Bournemouth	*	*	44	40	2	-	2.3		BATH	r.o	op.s.b	47	39	*	*	2.6	
	Ventnor (I. of W.)	*	*	49	39	2	1	1.9										

STATIONS.		SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION. b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog, g gloom. h hail, i lightning. m mist, o overcast sky. p passing showers. q squalls, r rain. rs sleet, i.e., rain and snow together. s snow, t thunder. u ugly, threatening sky. v unusual visibility. w dew, x hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.		THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.	
		WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.				
		7h-13h.	13h-18h.	18h-24h.	1h-24h.				Day, 7h-13h.	Night, 13h-7h.					
						in.	mm.								
Eskdalemuir	36	32	29	1	trace	2.6				
Valencia (Cahirel)	52	37	43	1	5	4.7				
Baldonnell	45	37								
Anglesey (Llangefni)										
Falmouth	50	40	36	2	1	6.1				
Calshot (Hants)	46	37	36	1	-	1.4				
Capel (Purbeck)										
Aberdeen	40	34	30	-	-	6.5				
East Fortune	40	32								
Flamborough Head	41	33								
Felixstowe	48	36								
Cranwell (Lincs)	40	34								
Sheebsbury	49	35	31	5	0.1	0.1				
Benson	48	35	26	2	-					
London (Kew Obsy.)	49	36	30	2	-	0.1				



REC'D 7H 21

OPERATIONS.

No 21, 244B

	Min.
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*K,



* $\frac{1}{10}$ barometric change is expressed in half millibars.

§ Longside at 411.

SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 21st January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Wly 10-20	Mild	Mainly fair or fine	Variable	Slight
2. E. England	Wly 10-20	R.Mild	Fair or cloudy	V.Poor	Smooth
3. E. Midlands	WNW 20-30	Mild	Fine to cloudy	Ord.	-
4. W. Midlands	WNW 20-30	R.Mild	Fair or fine	"	-
5. S.W. England	NW 20-30	"	Fine to cloudy, local showers	"	Rough
6. South Wales	W-NW 10-20	"	Fine	Good	Slight
7. North Wales	W 25-30	"	Fine	Fair	R.Rough
8. N.W. England	W 25-30	"	Fine to cloudy	"	"
9. N. Midlands	WNW 20-30	"	Fair or fine	Ord.	-
10. N.E. England	W-NW 20-30	"	Fair or fine, local squalls & mist.	Fair	R.Rough
11. E. Scotland	W 15-20	Mod.	Fine to cloudy	V.Good	Slight
12. S.W. Scotland	W-NW 15-25	R.Mild	Fine to cloudy, local hail showers.	Good	Mod.
13. Isle of Man	W 20-30	"	Fair or fine	Fair	R.Rough
14. N.&N.W. Scotland	W 10-20	Mod.	Fair local squalls	Good	Slight
15. Hebrides	NW 20-30	"	Fair local squalls	"	"
16. Orkneys and Shetlands	SW-W 5-10	R.Cold	Dull, mist and drizzle	Poor	Smooth
17. N.W. Ireland	NW 15-25	R.Mild	Dull, misty	"	Mod.
18. N.E. Ireland	W-NW 20-35	Mod.	Fair to cloudy, local showers	Ord.	"
19. S.E. Ireland	W 5-15	R.Mild	Fair to dull, local showers	Fair	"
20. S.W. Ireland	W-NW 15-25	"	Fine to cloudy (drizzle)	Good	"

GENERAL INFERENCE from observations received up to 9 a.m.

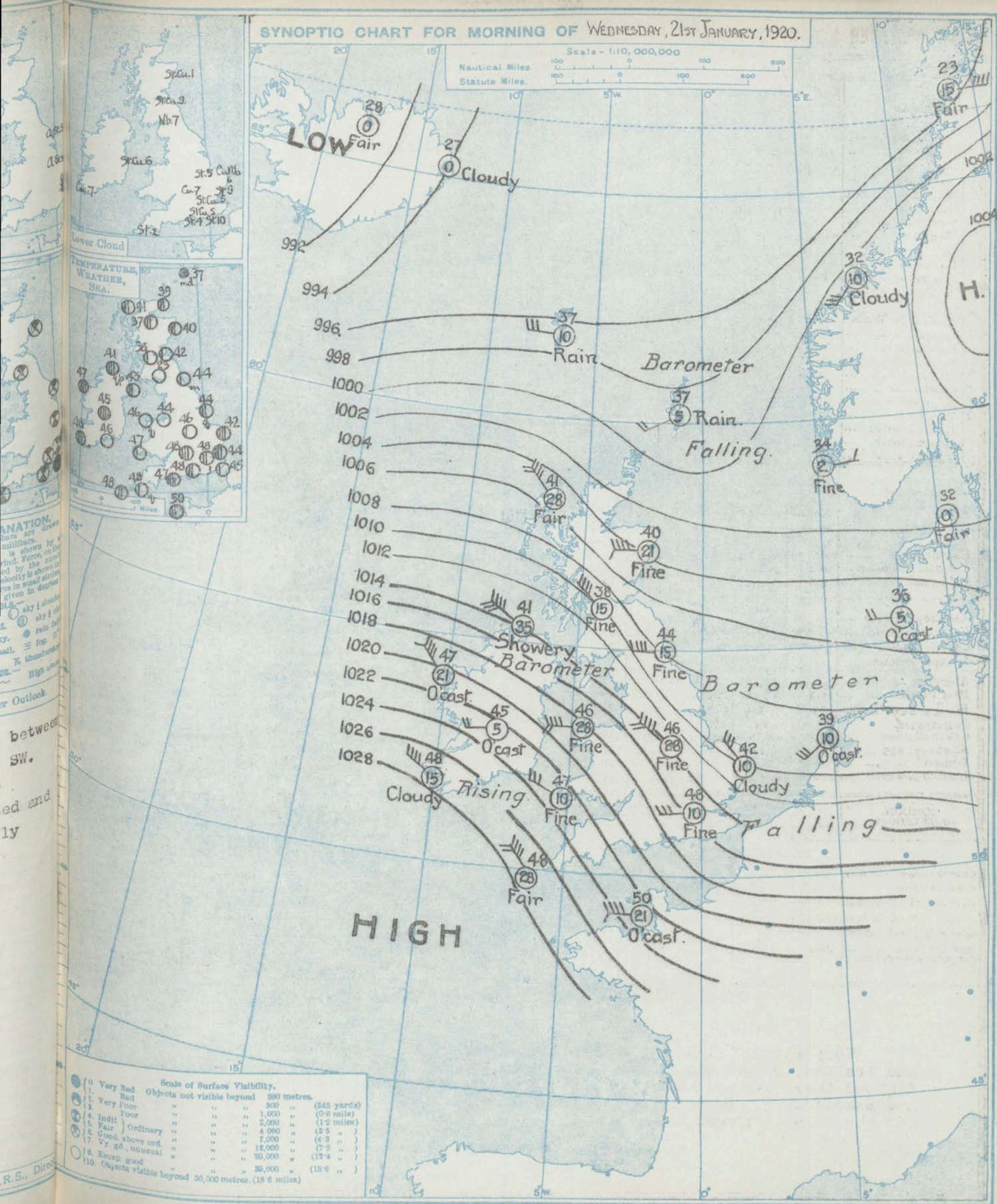
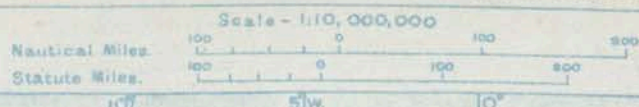
The pressure distribution is likely to continue favourable for the advance of further depressions over the British Isles from the Atlantic, and a prolongation of the unsettled type of weather with a temperature above the normal is consequently anticipated.

EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of two millibars.
 WIND.—Direction is shown on the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.
 TEMPERATURE.—Isobars are drawn at intervals of two degrees.
 WEATHER SYMBOLS.—
 ☉ clear sky. ☁ sky & clouds. ☂ rain. ☃ snow. ⚡ hail. ☄ fog. ★ thunder. ☆ thunder & hail. ☇ high sea. ☈ rough sea.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 21st January, 1920
1. S.E. England	Wind W. or NW. fresh or moderate to light. Mostly fair, but some showers locally. Good visibility. Temperature falling somewhat.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Wind NW. and W. backing later, fresh to light. Variable sky, some showers, hail locally. Good visibility. Temperature falling temporarily.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind between NW. and W. backing later, fresh to light. Variable sky, some showers of rain, hail or sleet. Rather good visibility. Temperature falling temporarily.
12. S.W. Scotland	
13. Isle of Man	
14. N.&N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	Wind NW. backing to SW., strong to moderate. Variable sky, some showers, rain or hail. Good visibility. Rather colder temporarily.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook
 Wind between NW. and SW.
 Weather unsettled and generally mild.

SYNOPTIC CHART FOR MORNING OF WEDNESDAY, 21ST JANUARY, 1920.



Scale of Surface Visibility.				
	Objects not visible beyond			
0	Very Bad		500	(545 yards)
1	Bad		800	
2	Very Poor	"	1,000	(0.6 mile)
3	Poor	"	2,000	(1.2 miles)
4	Indif.	"	4,000	(2.5 "
5	Fair	"	7,000	(4.3 "
6	Good, above ord.	"	12,000	(7.5 "
7	Vy. gd., unusual	"	20,000	(12.5 "
8	Except. good	"	30,000	(18.6 "
10	Objects visible beyond	30,000 metres,		(18.6 miles)

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20TH

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 18h-9h.	Day. 9h-18h.				Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 18h-9h.	Day. 9h-18h.	
Scotland.									Douglas (I.O.M.)							
Oban ...	p.b. bc	c.o	44	33	4	2	0.5		Blackpool ...	or.	c	47	38	1	1	1.8
Banff ...	c.osp.	bc.c.b	41	34	-	-	1.1		Southport ...							
Montrose ...																
St. Andrews ...	*	*														
England, N.E.									England, N.W.							
Harrogate ...	c. bc	cp. o.c. bc. b	44	34	0.1	0.3	0.9		Buxton ...			49	35	0.1	-	0.9
Scarborough ...	*	*	45	35	-	-	1.4		Leamington Spa ...	*	*	50	36	-	-	1.6
Skegness ...	m.b.o	o.b	44	37	-	-	3.1		Malvern ...	o.c	c. bc.	53	38	0.4	-	1.6
									Ross-on-Wye ...	om.c	bc.c. bc					
England, E.									Wales.							
Lowestoft ...	c. bc. o	or	44	34	-	2	2.6		Rhyl ...	c. bc.	bc.c	48	40	1	-	2.0
Felixstowe ...	bc	agmd	46	38	-	1	2.8		Colwyn Bay ...	*	*	48	40	-	-	2.1
Southend-on-Sea ...	o.c.	c. bc	45	34	-	-	0.3		Llandudno ...	-	*	49	41	-	-	2.7
									Aberystwyth ...	ro.o	c. c. o	47	43	*	*	1.0
England, S.E.									England, S.W.							
Tunbridge Wells	o.	o.c	45	33	-	-	0.0		Weymouth ...	-	-	51	38	0.4	1	0.2
Margate ...	c. bc	od	49	38	-	0.2	1.0		Teignmouth ...							
Ramsgate ...	o	o	44	34	1	-	1.0		Torquay ...	bc	bc.c	54	47	0.3	-	1.4
Folkestone ...	o. bc. b	bc. o. c. d	47	34	-	-	1.5		Paignton ...	bc	bc. b. bc	54	47	trace	-	1.1
Hastings ...	o.c.	bc	46	34	-	1	0.1		Penzance ...	or.c.	o. b	51	43	4	3	0.0
Eastbourne ...	or. d	od. o. c	47	36	-	1	0.0		Newquay ...	ofd.	omrd.	50	43	1	1	0.0
Brighton ...	od	do	46	37	-	1	0.0		Bude ...							
Worthing ...	os.	v	46	35	-	-	0.0		Ilfracombe ...	o. c. c.	bc. m. c	50	42	0.2	-	1.3
Littlehampton ...	-	-	48	?	-	-	0.0		Weston-s-Mare ...	md. bc	bc	49	41	1	-	0.5
Bournemouth ...	*	*	51	36	1	-	0.0		BATH	ro.o	o. c. bc. b	52	38	*	*	0.8
Ventnor (I. of W.)	*	*	48	37	-	1	0.0									

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		Sun.
	7h-13h	13h-18h	Max. °F.	Min. °F.	Day. 7h-18h	Night. 18h-7h	
	7h-13h	13h-18h	Max. °F.	Min. °F.	Day. 7h-18h	Night. 18h-7h	
Eskdalemuir ...	o. om. c. q.	bc. q. o.	44	32	1	5	3.1
Valencia (Cahirciveen) ...	or. o	or. d. o	52	48	2	1	0.0
Baldonnell ...	q. z	c. o. z	53	42	*	*	*
Anglesey (Llangefni) ...	oe. q. d.	od. o. z	51	47	1	1	0.0
Falmouth ...	pd. o. m.	bc. c	50	41	39	1	0.0
Calshot (Hants) ...							
Lympne (Folkestone) ...							
Aberdeen ...	bc. o. sm	om. b.	42	35	31	1	1.2
East Fortune ...	r. 2	b. bc. z	45	35	*	*	*
Flemborough Head ...	c. z	b. bc. q.	44	39	*	*	*
Felixstowe ...	bc. c	q. p.	41	38	*	*	*
Cranwell (Lincs) ...	bc. c. c. o	om. bc. c	47	36	*	*	*
Shoeburyness ...	bc. om	om. bc. m.	47	36	35	1	0.4
Benson ...	od. o	bc. b	50	35	28	1	*
London (Kew Obsy.) ...	om. om. ed. m.	om. bc. b	48	39	34	1	0.0

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
 bc sky partly cloudy (one half covered).
 c generally cloudy (three quarters covered).
 d drizzle, or fine rain.
 e wet air without rain falling.
 f fog. g gloom.
 h hail. i lightning.
 m mist. o overcast sky.
 p passing showers.
 q squalls. r rain.
 rs sleet, i.e., rain and snow together.
 s snow. t thunder.
 u ugly, threatening sky.
 v unusual visibility.
 w dew. x hoar frost.
 y dry air; humidity less than 60 per cent.
 z dust haze; the turbid atmosphere of dry weather.

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 1=heavy. Underlining is used to express continuity.

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-8.8
3	8-12	8.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

SYMBOLS—

Aurora ☄ Solar halo ☉
 Rime ☄ Lunar halo ☉
 Glazed frost ☄ Solar corona ☉
 Glazed roads ☄ Lunar corona ☉

LONDON OBSERVATIONS.

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED 9h G.M.T. 21 ST								YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	21 ST & 22 ND JAN. 1920			
												Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Obser-atory)	od	r. o. d. c	b.	49	39	30	1	0.0	89	68	Total 120 Joules.	Yarmouth... {	G.M.T.	G.M.T.	G.M.T.
City (Bunhill Row)	*	*	*	*	*	*	*	*	*	*					
Westminster (St. James's Park)	*	*	*	*	*	*	*	0.0	91	66	Average Rate. 3.9	Greenwich {	7.52	12.4	4.16
" (Admiralty Arch)	omond	omd bcn	bmorom	49	42	*	1	0.0	91	66						7.51	12.5	4.18
Camden Sq. (British Rainfall)	*	*	*	*	*	*	*	*	*	*	Maximum Rate. 11	Wick ... {	7.55	12.11	4.27
Kensington Palace	omo	o. b	*	49	41	34	2	*	87	64						7.54	12.12	4.29
Hampstead Observatory.	*	*	*	47	40	31	2	0.0	87	67	Valencia ... {	8.42	12.23	4.5	
															8.40	12.24	4.7
												8.38	12.52	5.6	
												8.37	12.53	5.8	

NOTES ON THE WEATHER OF YESTERDAY.

Temperatures touched or slightly exceeded 50° in many parts of England and Ireland. Bright sunshine was nowhere abundant, but in the S. and S.E. of England there was hardly any. The highest records were 3.1 hours at Skegness and Eskdalemuir. Rain fell very generally; as a rule the amount was slight, and the largest measurements were about 5 mm.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No 21,248

THURSDAY, 22ND JANUARY 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.																													
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.		
13H. G.M.T. 21 ST														19H. G.M.T. OF 21 ST															
Eskdalemuir ...	1016.5	+5	NW	6	bq	40	75	7	-	FiCu	2	-	-	-	1020.8	+4	NW	3	bq	36	75	8	-	-	-	-	-	-	-
Valencia (Cahire'n)	1028.9	+1	W	2	c	49	82	8	2-3000	Ca	7	-	-	4	1026.9	-2	S	3	bc	45	87	7	2-3000	Ca	5	-	-	-	4
Baldonnell ...	1024.7	+2	W	4	b2	46	92	3	3-4000	StCu	5	-	-	-	1014.8	0	W	4	b	39	92	3	3-4000	StCu	2	Ca	1	-	-
Anglesey (Llangefni)	1027.4	0	NW	6	bq	50	65	6	-	-	-	-	-	-	1029.6	+2	WNW	3	b2	44	87	3	-	St	1	-	-	-	-
Falmouth ...	1022.3	+2	NW	4	b	49	75	4	2-3000	St	4	-	-	3	1026.4	+3	W	3	b	43	75	4	2-3000	St	1	-	-	-	3
Calshot (Hants) ...	1010.1	+8	WNW	7	b	40	65	8	-	-	-	-	-	3	1015.9	+6	WNW	5	b	38	75	7	-	-	-	-	-	-	4
Lympe (Folkestone)	1012.1	+3	WNW	8	b	44	55	8	2-3000	Ca	1	-	-	-	1018.9	+5	W	3	b	38	82	-	2-3000	St	1	-	-	-	-
Aberdeen	1016.1	+2	WNW	5	c	48	82	5	1-1500	St	6	-	-	3	1018.8	+5	NW	6	b	29	75	6	-	-	-	AS	1	-	-
East Fortune ...	1017.4	+3	WNW	6	bq	43	87	6	3-4000	FiCu	1	-	-	-	1022.3	+5	WNW	4	b	39	82	3	-	-	-	AS	1	-	-
Flemburgh Hd.	1017.2	+3	NW	6	bc	49	65	7	1-2000	Ca	5	-	-	-	1022.2	+6	N	4	bm	42	75	4	-	-	-	-	-	-	-
Felixstowe ...	1019.9	+2	NW	5	c	48	65	6	-	-	-	-	-	-	1023.9	+4	NW	4	b	42	65	6	-	-	-	-	-	-	-
Cranwell (Lincs)	1019.8	+3	NW	5	bc	49	65	7	3-4000	Ca	5	-	-	-	1023.9	+4	NW	3	b	44	65	5	3-4000	StCu	1	-	-	-	-
Spekebury Ness ...	7H. G.M.T. OF 22 ND														7H. G.M.T. OF 22 ND														
Eskdalemuir ...	1023.6	0	SSE	1	b	29	92	6	-	-	-	-	-	-	1019.8	-3	SSW	4	0	39	98	6	-	St	10	-	-	-	-
Valencia (Cahire'n)	1021.3	-5	S	2	omp	49	*	*	*	*	*	*	*	5	1018.2	-4	S	5	c	48	92	7	1-1500	StCu	7	-	-	-	-
Baldonnell ...	1021.3	-5	S	2	omp	49	*	*	*	*	*	*	*	5	1018.2	-5	SSW	5	0q	47	92	3	3-4000	StCu	7	AS	3	-	-
Anglesey (Llangefni)	1029.6	0	W	1	bw	39	92	3	-	-	-	-	-	-	1026.9	-3	SSW	2	0	44	87	4	-	StCu	9	-	-	-	-
Falmouth ...	1028.8	+1	W	1	b	39	92	4	-	-	-	-	-	3	1027.9	0	-	0	b	36	98	3	2-3000	St	4	-	-	-	1
Calshot (Hants) ...	1021.6	0	WSW	2	b	37	82	*	-	-	-	-	-	-	1015.7	-2	SSW	3	CCM	37	92	5	-	StCu	8	-	-	-	-
Lympe (Folkestone)	1020.8	+2	WSW	5	b	35	82	4	-	-	-	-	-	-	1017.6	-5	WSW	2	c	40	75	-	2-3000	StCu	8	-	-	-	-
Aberdeen	1025.3	+3	W	2	b	38	92	6	-	-	-	-	-	-	1026.8	0	SSW	2	0	34	92	3	1-2000	StCu	9	AS	1	-	-
East Fortune ...	1026.0	+4	W	3	b	34	92	5	-	-	-	-	-	3	1025.2	-1	SSW	3	c	34	98	6	2-3000	St	2	AS	6	-	-
Flemburgh Hd.	1026.0	+4	W	3	b	34	92	5	-	-	-	-	-	-	1026.2	0	NNW	1	cm	34	87	3	-	-	-	AS	8	-	-
Felixstowe ...	1028.0	+1	*	*	*	*	*	*	*	*	*	*	*	*	1026.4	-2	SSW	3	b	33	98	6	-	StCu	4	-	-	-	-
Cranwell (Lincs)	1028.0	+1	*	*	*	*	*	*	*	*	*	*	*	*	1027.7	-1	-	0	bc	33	92	5	-	St	1	AS	3	-	-
Spekebury Ness ...	STATIONS CONTRIBUTING REPORTS AT 7h. AND 19h.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.		
19H. G.M.T. OF 21 ST														7H. G.M.T. OF 22 ND															
Lerwick	1007.0	40	NW	3	cm	1012.1	-2	42	+5	S	3	-	-	0m	2	1	42	31	omp	42	31	omp	42	31	omp	42	31	omp	
Stornoway	1017.2	37	WNW	3	bc	1006.0	-6	46	+5	SSW	7	-	-	odq	6	2	46	-	bcp	46	-	bcp	46	-	bcp	46	-	bcp	
Castellbay (Barra Is)	1019.5	42	W	3	b	1008.5	-4	46	+4	S	5	-	-	op	6	0.4	46	38	bcp	46	38	bcp	46	38	bcp	46	38	bcp	
Glasgow	1020.1	39	W	4	b	1017.1	-5	42	+4	S	2	-	-	0	0	0.2	42	36	bcp	42	36	bcp	42	36	bcp	42	36	bcp	
Malin Head	1020.9	44	W	2	bc	1011.4	-2	44	+3	SEW	4	SW	cm	4	-	-	46	39	cq	46	39	cq	46	39	cq	46	39	cq	
Blacksod Point	1023.0	46	W	1	om	1010.1	-5	44	+1	W	5	-	-	omdq	5	1	50	44	bcp	50	44	bcp	50	44	bcp	50	44	bcp	
Roche's Point	1028.0	47	W	2	0	1021.7	-4	48	+2	SW	3	-	-	0	3	2	51	45	b.b.c.b	51	45	b.b.c.b	51	45	b.b.c.b	51	45	b.b.c.b	
Bir Castle	1025.1	44	W	1	c	1018.2	*	49	+4	S	2	-	-	0	0	0	49	38	c	49	38	c	49	38	c	49	38	c	
Donaghadee	1022.4	39	WNW	2	b	1019.7	-4	44	+1	WSW	4	-	-	0	3	0.3	46	36	bcp	46	36	bcp	46	36	bcp	46	36	bcp	
Liverpool (Midston)	1023.8	42	W	4	b	1022.2	-3	38	-6	SSE	2	-	-	c	3	-	46	38	bc	46	38	bc	46	38	bc	46	38	bc	
Holyhead	1024.9	44	W	4	b	1020.8	-3	46	0	SW	5	-	-	omq	4	-	47	42	bc.cq	47	42	bc.cq	47	42	bc.cq	47	42	bc.cq	
Pembroke (St. Ann's Head)	1027.9	47	W	2	b	1024.2	-3	47	0	SSW	4	-	-	0	3	-	49	36	b.b.c.	49	36	b.b.c.	49	36	b.b.c.	49	36	b.b.c.	
Scilly (St. Mary's)	1030.1	47	WNW	3	bm	1026.6	-3	46	-2	SW	3	SW	c	4	-	-	50	46	bc.bm	50	46	bc.bm	50	46	bc.bm	50	46	bc.bm	
Jersey (St. Aubin)	1027.9	48	W	3	b	1028.7	0	35	-15	NNW	2	-	-	b	2	-	52	34	bc.b	52	34	bc.b	52	34	bc.b	52	34	bc.b	
Portland Bill	1026.6	48	NW	4	bc	1027.2	-1	47	0	S	4	-	-	bc	3	-	51	42	c.b.c.	51	42	c.b.c.	51	42	c.b.c.	51	42	c.b.c.	
Dunageess	1021.8	43	WNW	3	b	1027.5	+1	33	-12	WNW	3	-	-	b	2	-	49	30	c.b	49	30	c.b	49	30	c.b	49	30	c.b	
Wick	1013.5	39	NW	1	bc	1010.7	-4	40	+1	SSW	3	-	-	c	2	1	42	33	b.omp	42	33	b.omp	42	33	b.omp	42	33	b.omp	
Nairn	1017.1	37	W	1	bc	1011.1	-4	41	+4	W	2	-	-	cq	1	1	41	32	cq	41	32	cq	41	32	cq	41	32	cq	
Leith	1019.2	39	SW	2	b	1016.7	-1	42	0	SW	1	-	-	c	2	0.2	43	35	b.omp	43	35	b.omp	43	35	b.omp	43	35	b.omp	
Tynemouth	1018.1	39	NW	3	om	1022.8	-2	38	-6	W	3	-	-	cm	3	-	44	35	bc	44	35	bc	44	35	bc	44	35	bc	
Spurn Head	1018.6	42	WNW	6	bcp	1024.7	0	37	-7	W	3	-	-	bc	3	-	44	35	bc	44	35	bc	44	35	bc	44	35	bc	
Yarmouth (Gor. station)	1019.2	41	WNW	4	b	1025.4	+2	33	-9	WNW	2	-	-	bc	2	-	47	32	c.b.c.	47	32	c.b.c.	47	32	c.b.c.	47	32	c.b.c.	
Clacton-on-Sea	1028.5	42	WNW	4	b	1027.1	0	34	-10	WNW	3	-	-	bx	1	-	48	33	c.b	48	33	c.b	48	33	c.b	48	3		

EXPLANATION.
BAROMETER.—Inches are given in intervals of two millibars.
WIND.—Direction is shown by a flying with the wind. Force, on a 0-15, is indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.
TEMPERATURE is given in degrees.
WEATHER SYMBOLS.
 ☉ clear sky. ☁ sky 1 cloud. ☂ rain 1/2
 ☁☁ sky 2 cloud. ☂☂ rain 2
 ☁☁☁ overcast sky. ☂☂☂ rain 3
 * snow. ▲ hail.
 T thunder. T thunder.
SEA DISTANCE.—High —
 Rough —

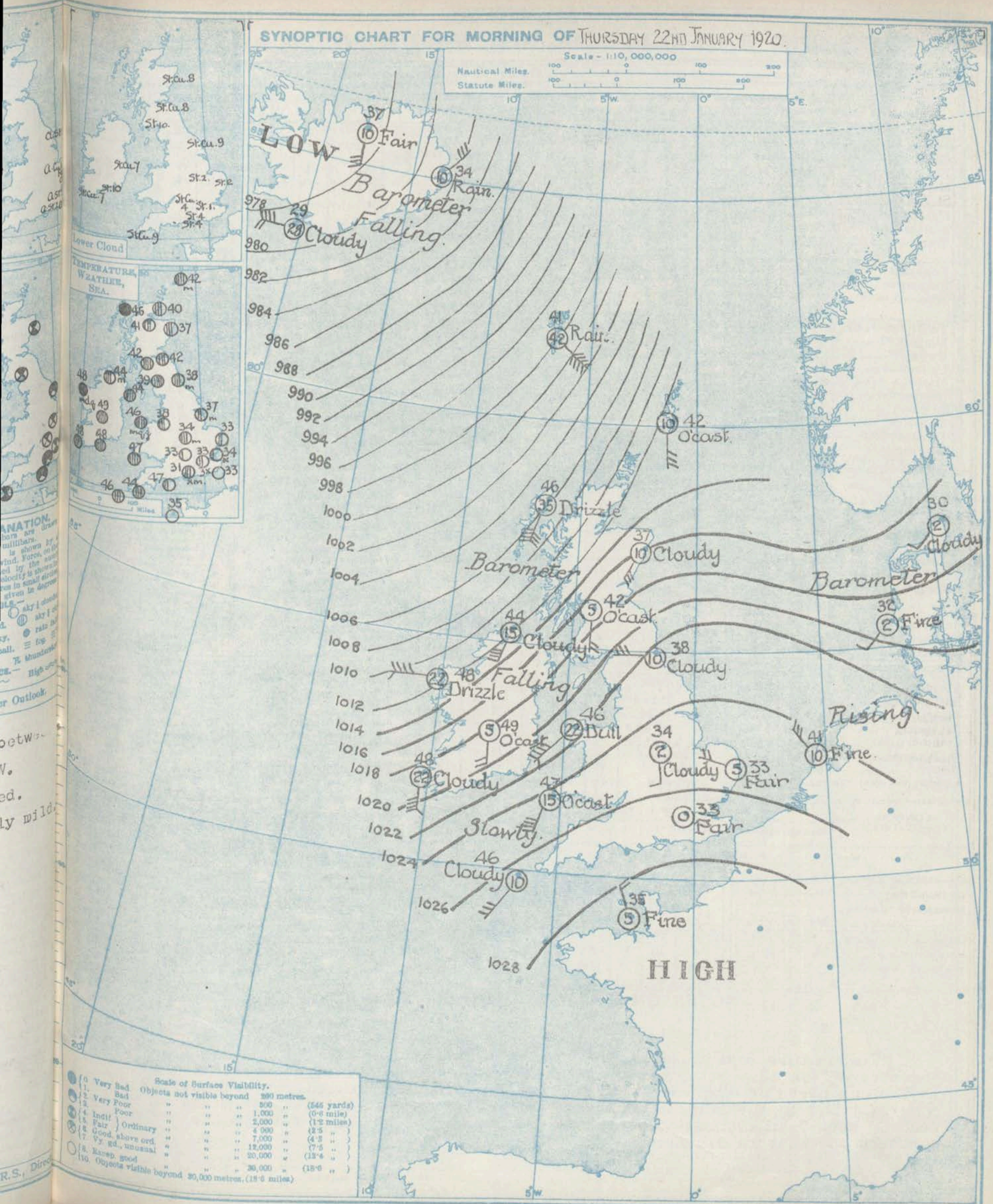
There are still no indications of any important change in the general distribution of pressure, and unsettled, mainly mild weather, with winds between S. and W., is therefore likely to continue.

Further Outlook

Wynd betw:-
S. and W.
Unsettled.
Generally mild

SYNOPTIC CHART FOR MORNING OF THURSDAY 22ND JANUARY 1920.

Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200



Scale of Surface Visibility.

Symbol	Description	Objects not visible beyond	metres	yards
1	Very Bad	"	500	(546 yards)
2	Bad	"	1,000	(1,093 yards)
3	Poor	"	2,000	(2,187 yards)
4	Indist	"	4,000	(4,375 yards)
5	Fair	"	7,000	(7,640 yards)
6	Good, above ord.	"	12,000	(13,120 yards)
7	Vy. gd., unusual	"	20,000	(21,875 yards)
8	Excep. good	"	30,000	(32,808 yards)
9	Objects visible beyond 30,000 metres, (32,808 miles)	"	"	"

THURSDAY

22nd JANUARY

22nd JANUARY

22nd JANUARY

22nd JANUARY

22nd JANUARY

22nd JANUARY

22nd JANUARY



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 1246 B

FRIDAY, 23rd JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.																											
			Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dirac.	Force 0-12.						Form.	Amt. 0-10.																														
13H. G.M.T. 22 nd															18H. G.M.T. OF 22 nd																																								
Eskdalemuir ...	1014.5	-5	SSW	6	odf	42	98	0	1-1000	St	10	-	-	1010.9	-3	SSW	6	orm	43	98	3	1-1000	Nb	10	-	-	-																												
Valencia (Cahire'n)	1014.0	-5	S	6	0	50	92	6	1-1000	St	10	-	-	1015.7	+3	W	3	b	46	87	7	1-2000	Cu	3	-	-	4																												
Baldonnell ...	1015.1	-5	SW	4	q	50	92	4	1-1500	St, Cu	9	A. St	1	1013.5	-2	W	4	or, q	45	98	3	1-1000	St	10	-	-	-																												
Anglesey (Llangefni)																																																							
Falmouth ...	1024.9	-3	SSW	4	0	48	76	5	-	St, Cu	9	-	-	1023.1	0	SW	5	agm	49	82	3	-	St, Cu	10	-	-	-																												
Calshot (Hants) ...	1027.2	-1	SSW	4	0	46	92	4	2-3000	St	10	-	-	1025.4	-2	SSW	4	0	46	92	4	2-3000	St	10	-	-	3																												
Capel (Folkestone)																																																							
Aberdeen ...	1010.8	-7	S	4	om	42	92	4	-	St	1	A. St	5	1007.3	-4	S	4	om	44	92	4	-	St	10	-	-	3																												
East Fortune ...	1013.5	-3	S	3	0	48	82	6	2-3000	St, Cu	9	-	-	1008.3	-6	SSW	5	q	48	75	-	2-3000	St	2	-	-	-																												
Flamborough Hd.	1020.4	-3	SSW	4	3	40	92	3	4-5000	St, Cu	3	Ci, St	2	1017.1	-2	SW	5	q	42	87	4	3-4000	St	7	A. St	3	-																												
Felixstowe ...	1027.5	0	SSE	3	0	42	87	5	-	A. Cu	10	4		1024.3	-2	SSW	3	b	42	87	5	1-2000	St	2	-	-	2																												
Cranwell (Lincs)	1022.8	-3	SSW	5	0	44	87	6	1-2000	St, Cu	3	A. St	4	1020.1	-1	S	4	0	43	92	5	2-3000	St	9	A. St	1	-																												
Shoeburyness ...	1027.1	-1	SSW	2	b3	46	65	5	3-4000	St, Cu	1	Ci, Cu	2	1024.7	-3	SW	3	C3	43	75	5	2-3000	St, Cu	7	-	-	-																												
Benson ...	1024.7	-3	SSW	3	c	44	92	5	-	-	-	-	-	1022.2	-2	SSW	4	0	43	82	5	-	Cu	10	-	-	-																												
London (Kew Obs.)	1026.3	-4	SW	3	c	45	87	5	2-3000	St, Cu	7	Ci	1	1024.0	-3	SW	3	c	45	82	6	2-3000	St, Cu	2	A. St	5	-																												
1H. G.M.T. OF 23 rd															7H. G.M.T. OF 23 rd																																								
Eskdalemuir ...	1014.7	+6	SW	3	0	38	92	6	-	St	10	-	-	1016.1	0	SW	3	0	35	98	6	-	St	9	-	-	-																												
Valencia (Cahire'n)	1017.6	-2	SSE	3	bc	43	-	-	-	-	-	-	-	1011.9	-5	S	5	c	44	75	9	2-3000	St, Cu	8	-	-	-																												
Baldonnell ...	1016.5	-1	WSW	3	b	39	92	4	-	-	-	-	-	1015.7	-2	S	4	0	39	92	4	2-3000	St	9	A. St	2	-																												
Anglesey (Llangefni)																																																							
Falmouth ...	1021.8	-1	WSW	4	od	47	92	2	-	Nb	10	-	-	1020.8	-1	WSW	3	oc	47	92	4	-	Nb	9	-	-	-																												
Calshot (Hants) ...	1022.4	0	W	3	od	46	98	2	1-1500	Nb	10	-	-	1022.9	0	SSW	3	0	45	92	4	1-2000	St	10	-	-	3																												
Lymington (Folkestone)																																																							
Aberdeen ...	1012.2	+7	WSW	4	b	41	87	-	-	-	-	-	-	1012.3	+2	SSW	1	b, cm	34	92	4	-	-	-	-	-	2																												
East Fortune ...														1015.4	+3	SW	3	b	38	82	-	-	-	-	-	-	-																												
Flamborough Hd.														1018.6	+2	SW	4	b	36	92	4	-	-	-	-	-	-																												
Felixstowe ...	1020.8	-2	S	3	og	43	87	5	1-1500	Cum	9	-	-	1019.7	0	SSW	2	om	43	87	3	1-1500	St	7	A. St	2	-																												
Cranwell (Lincs)	1018.1	+1	SW	5	0	44	98	4	1-2000	St	5	A. St	3	1020.7	+4	SW	1	b	34	98	6	2-3000	St	1	A. St	1	-																												
Shoeburyness ...														1021.3	0	SSW	2	0	45	87	7	1-1500	St, Cu	9	-	-	-																												
Benson ...														1020.6	+1	SSW	2	0	44	98	6	-	Cu	9	-	-	-																												
London (Kew Obs.)	1021.5	0	S	4	0	-	-	-	-	-	-	-	-	1022.0	0	SSW	2	c	45	98	5	2-3000	St, Cu	7	A. Cu	1	-																												
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																																																							
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.																																		
			at M.S.L. mb.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Dirac.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.																																					
12H. G.M.T. OF 22 nd																						7H. G.M.T. OF 23 rd																						24 HOURS ENDED 7H. 23 rd										23 rd	
Lerwick ...	1004.1	43	SSE	3	omgr	1017.1	+3	40	-2	S	2	-	bcm	2	8	44	39	omd	omgr	omf	-																																		
Stornoway ...	1004.4	40	SW	4	or	1006.6	-1	40	-6	SSW	3	-	bc	2	8	47	35	org	or	b, bc	0.0																																		
Castlebay (Barra's)	1006.3	44	W	4	op	1006.0	-4	44	-	S	5	-	0	6	5	47	39	opr	r, op	ap, bc	0.0																																		
Glasgow ...	1008.0	46	SSW	4	od	1014.2	+1	38	-4	SW	2	-	0	5	48	36	oc	c, odp	or, bc	0.8																																			
Malin Head ...	1008.5	41	SW	3	c	1009.0	-1	38	-6	S	3	-	c	4	3	49	36	cm	omp	bc	0.7																																		
Blackod Point ...	1010.6	45	W	2	cp	1005.6	-5	46	-2	W	5	-	c	5	10	49	39	omr	omr	b, omc	-																																		
Roche's Point ...	1016.5	47	WSW	4	r	1015.5	-5	48	0	WSW	5	-	0	5	50	40	om	om	ro, b, o	-																																			
Birr Castle ...	1013.7	44	W	2	r	1012.9	-	39	-10	SE	1	-	0	3	51	35	c, o	of	oda	0.1																																			
Donaghadee ...	1010.7	46	SW	4	omgr	1015.0	-2	38	-6	W	3	-	bc	2	3	48	41	oga	oga	bm	-																																		
Liverpool (Bidston)	1016.5	48	SSW	5	0	1018.3	+1	38	0	SSW	2	-	b	2	2	49	38	ogv	ogv	op, b	1.1																																		
Holyhead ...	1017.0	46	SW	6	odgm	1016.6	-1	41	-5	S	3	-	b	1	9	47	39	odgm	odgm	om, b	0.0																																		
Pembroke (St. Ann's Head)	1018.5	46	S	6	om	1018.7	-1	46	-1	S	2	-	b	3	0.4	48	45	om	om	om, bc	0.0																																		
Scilly (St. Mary's)	1022.2	48	WSW	5	cm	1020.7	-1	47	+1	S	3	-	fd	4	1	49	37	bc	cm	b, fd	1.6																																		
Jersey (St. Aubin)	1027.0	46	S	4	b	1023.9	-1	43	+8	S	4	-	0	3	-	49	35	b	b, bc, b	b, o	6.0																																		
Portland Bill ...	1024.2	47	SSW	5	0	1022.0	0	46	-1	SW	4	-	odm	4	0.2	49	44	c, o	o	o	-																																		
Dungeness ...	1025.1	44	SW	4	bc	1022.4	0	45	+12	SW	4	-	c	4	-	47	31	bc	bc	c, o, c	-																																		
Wick ...	1003.4	44	SSW	4	omr	1009.2	+2	36	-4	SW	1	-	b	3	2	45	33	cm	c, omr	om, b	-																																		
Nairn ...	1004.0	44	WSW	2	r	1010.5	-	35	-6	W	0	-	bc	1	2	49	32	cg	cg, bc	om, b	0.8																																		
Leith ...	1008.5	49	SW	2	0	1013.8	+1	37	-5	SW	1	-	b	2	3	49	36	c, bc	bc, c, o	om, b	-																																		
Tynemouth ...	1013.0	46	SW	2	om	1016.5	+2	39	+1	WSW	3	-	bm	3	1	47	37	cm	om	om, bc, om	-																																		
Spurn Head ...	1018.7	43	SSW	4	og	1018.8	?	39	+2	W	3	-	bc, om	2	1	43	34	bc, om	bc, om	bc, om, op	3.2																																		
Yarmouth (Der. Is.)	1022.4	41	WSW	2	bc	1021.6	0	44	+11	W	2	-	bc	2	0.2	43	32	b, bc, om	bc, om	bc, op	3.9																																		
Clacton-on-Sea	1024.1	42	SW	3	bc	1021.8	0	43	+9	WSW	2	-	c	2	0.3	44	33	b, bc, om	bc, om	bc, op	3.9																																		
Nottingham ...	1019.8	45	SW	3	0	1020.2	-	36	+2	S	1	-	bm	1	1	46	32	cm, o	o, c	o, pc	0.0																																		

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 12.

SUMMARY OF CONDITIONS AT 7 A.M. Friday, 23rd January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SSW. 5-10	Mild.	Cloudy or dull, local drizzle.	Fair	Mod.
2. E. England	SW-W. 2-10	R. mild	Variable, cloud, local drizzle.	Var.	Smooth
3. E. Midlands	S-SW. 2-5	Mod.	Variable cloud, mist in north.	Fair	-
4. W. Midlands	S-SW. 2-5	"	Variable cloud.	"	-
5. S.W. England	S-SW. 5-15	R. mild	Dull, some drizzle, coastal mist or fog.	Poor	Mod.
6. South Wales	S-SW. 2-10	"	Fine	Ord.	Slight
7. North Wales	S. 5-10	Mod.	Fine	Fair	Smooth
8. N.W. England	S-SW. 2-10	"	Fine to cloudy.	"	"
9. N. Midlands	S-SW. 2-10	"	Fair or fine, local mist.	Ord.	-
10. N.E. England	SW-W. 10-15	"	Fair or fine, some mist.	Poor	Slight
11. E. Scotland	SW. 2-10	"	Fine to cloudy, local mist.	Ord.	Smooth
12. S.W. Scotland	SW. 5-10	"	Fair to dull.	Good	"
13. Isle of Man	S-W. 5-10	"	Fair to fine.	Fair	"
14. N. & N.W. Scotland	SW. 0-5	"	Fair to fine.	Good	"
15. Hebrides	SSW. 5-10	"	Fair	"	"
16. Orkneys and Shetlands	S-SW. 5-15	"	Fair or fine.	Fair	"
17. N.W. Ireland	W. 20	"	Cloudy.	"	R. rough
18. N.E. Ireland	S-W. 10	R. cold	Fair or cloudy.	"	Slight
19. S.E. Ireland	SE-SW. 5-15	"	Dull.	"	"
20. S.W. Ireland	S-SW. 20	R. mild	Cloudy or dull.	Good	R. rough

GENERAL INFERENCE from observations received up to 9 a.m.

Another depression which is extending over Ireland will probably move north-eastward and prolong the unsettled type of weather, with S. and SW. winds and a high temperature for the time of year.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the flag with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.
TEMPERATURE.—Temperature is given in degrees Fahrenheit.
WEATHER SYMBOLS.
 ○ clear sky. ⊙ sky & cloud.
 ⊖ sky & cloud. ⊕ rain falling.
 ⊖ overcast sky. ⊕ fog.
 * snow. Δ hail.
 T thunder. E shower.
SEA DISTURBANCE.—Rough. High.

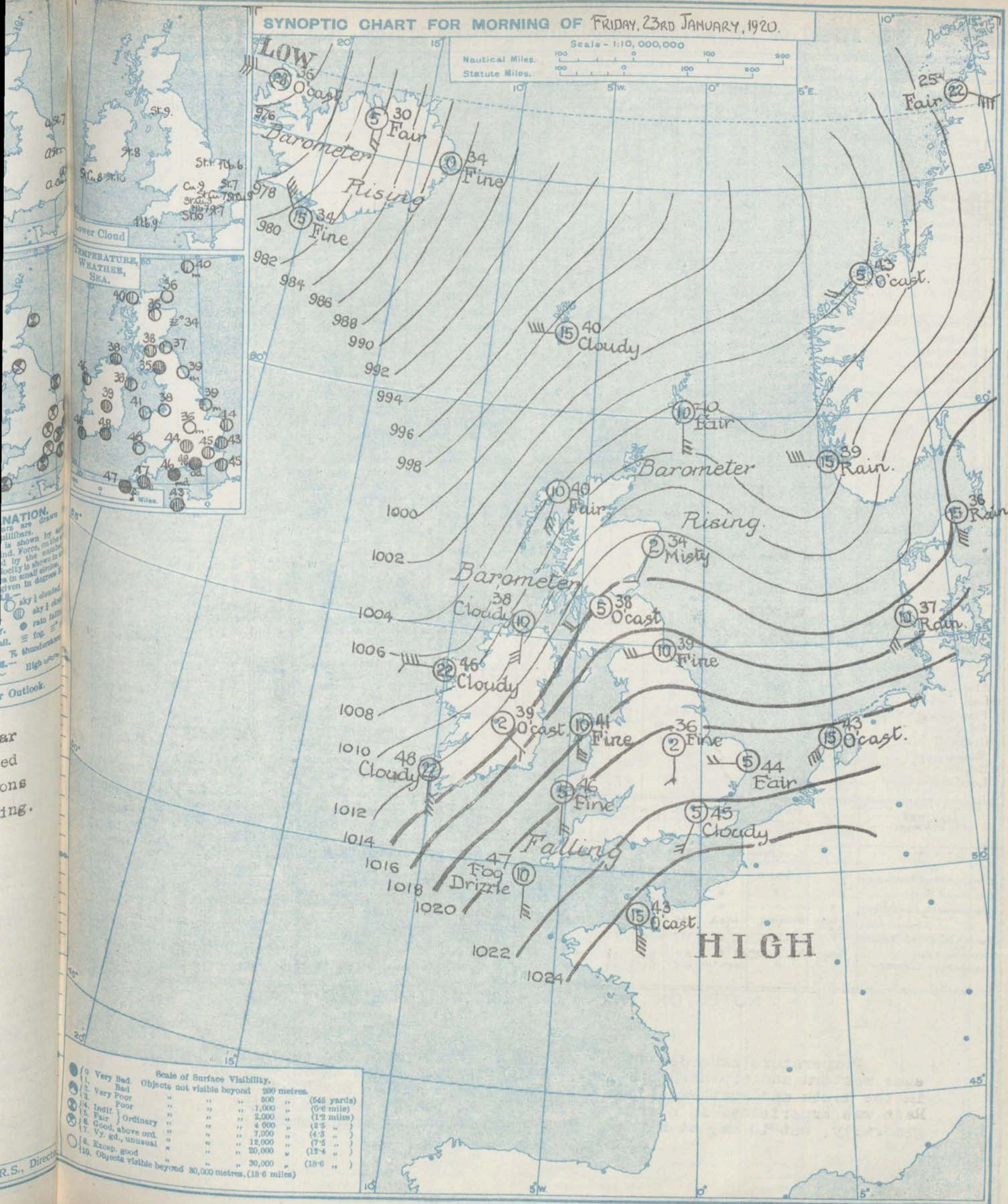
Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 23rd January, 1920
1. S.E. England	Wind S. and SW. light to moderate. Much cloud generally, some rain or drizzle. Visibility rather poor. Milder.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind S. and SW. moderate or fresh, strong locally.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Same as for 1-4
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Wind S. and SW. moderate to fresh. Dull, occasional rain. Poor visibility. Mild.
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind S. and SW. veering later, moderate or fresh, strong in places. Mainly overcast, occasional rain and mist. Poor visibility. Mild.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.
 Similar unsettled conditions continuing.

LOW

Scale - 1:10,000,000

Nautical Miles
Statute Miles.



Scale of Surface Visibility.			
	Objects not visible beyond	200 metres.	
0	Very Bad.	"	"
1.	Bad	"	"
2.	Very Poor	"	"
3.	Poor	"	"
4.	Indif.	"	"
5.	Fair	"	"
6.	Good	"	"
7.	Good, above ord.	"	"
8.	Vy. gd., unusual	"	"
9.	Except good	"	"
10.	Objects visible beyond	30,000 metres.	(18.6 miles)

R. S., Director

WEATHER, TEMPERATURE, RAINFALL, AND SUNSHINE AT HEALTH RESORTS FOR 22 nd																		
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.	
Scotland.	Oban	c.	odr	47	34	mm.	mm.	0.0	England, N.W.	Douglas (I.O.M.)								
	Banff	b.bc.	bc.c.	47	38	1	-	0.9		Blackpool	o	o	48	38	-	-	0.0	
	Montrose									Southport	o.c.o	o.c.o	48	38	-	-	0.2	
	St. Andrews	*	*															
England, N.E.	Harrogate	c.o.	o	44	33	-	-	0.3	Midlands.	Buxton								
	Scarborough	f.o.bc.	fo.	44	34	-	-	1.5		Leamington Spa... ..	*	*	46	31	0.3	-	1.1	
	Skegness	b.	bc.o.	43	35	0.2	-	2.5		Malvern	c	c	48	38	-	-	0.1	
										Ross-on-Wye	o.bc.c.	c.	48	33	-	-	0.3	
England, E.	Lowestoft	bc	bc.c.	45	32	-	-	2.9	Wales.	Rhyl	bc.c.	ce	49	38	-	-	0.7	
	Felixstowe	bc	bc	45	34	-	-	4.0		Colwyn Bay	*	*	48	42	-	-	3.9	
	Southend-on-Sea... ..	bc.	bc.c.o.	47	33	-	-	3.5		Llandudno	*	*	49	41	-	-	1.0	
										Aberystwyth	o.c.o.	c.o.o.	47	44	-	-	0.0	
England, S.E.	Tunbridge Wells	b.	bc.c.o.	47	29	-	-	3.4	England, S.W.	Weymouth	bc.c.	c.o.	48	35	-	-	0.5	
	Margate	c.bc.b.	b.bc.b.	48	34	-	-	4.0		Teignmouth								
	Ramsgate	bc.	bc	45	32	-	-	4.6		Torquay	o	o	48	38	-	-	0.0	
	Folkestone	bc.b.	b.bc	48	35	-	-	4.6		Paignton	c	c	48	33	-	-	0.3	
	Hastings	b	b.bc	48	34	-	-	6.0		Penzance	c.bc.	c.od.	49	39	-	-	0.6	
	Eastbourne... ..	bc	bc.c.o.	49	32	-	-	6.0		Newquay	c.bc.	bc.o.	49	36	-	-	2.5	
	Brighton	bc.	c.o.	47	32	-	-	5.0		Bude	b	b	50	38	-	-	5.1	
	Worthing	bc.	bc.o.	48	30	-	-	5.2		Ilfracombe	c.bc.	bc.c.o.	49	42	-	-	4.4	
	Littlehampton	bc.	bc.o.	50	?	-	-	6.0		Weston-s-Mare	b	b.bc.c.	50	37	-	-	5.0	
	Bournemouth	*	*	47	36	-	-	0.8		Bath	bc.b.	bc.c.o.	50	35	*	*	3.2	
	Ventnor (I. of W.)	*	*	48	38	-	-	2.5										
	SUMMARIES FOR PAST 24 HOURS.																	
	STATIONS.		WEATHER.				TEMP.			RAINFALL.		SUN.						
				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rainfall.		Sun. Hours.									
7h-12h.			12h-18h.				18h-24h.	1h-7h.		Day. 7h-12h.	Night. 12h-7h.							
Eskdalemuir		o.c.o.	o.c.o.	o.c.o.	o	43	33	30	5	9	0.0							
Valencia (Cahireveen)		c.op	o.c.b	b.b.c.o		51	40	35	6	-	0.0							
Baldonnell		cy	ry.	bc.c.	c.o.z	49	35											
Anglesey (Llangefni)																		
Falmouth		o	o.oq	od.	ofo	48	43	46	-	4	0.0							
Calshot (Hants)		c.o	c.o	o	p.b.o	47	41	40	-	1	2.3							
Capel (Folkestone)																		
Aberdeen		omq	bc.o.m	omr.bm		45	33	25	-	1	0.1							
East Fortune		pd.c.o	v.c.o	b.bc.c.	b.	49	36											
Flamborough Head		c.o.	c.o.m.	b.b.c.q		45	34											
Felixstowe		c.o	c.o	bc.c.q.	p.o.m	49	35											
Cranwell (Lincs)		c.o.c	c.o	b.c.o.	bec	45	33											
Shoeburyness		bc.m.b	b.bc.c	c.o		57	43	40	-	-	3.9							
Benson		bc.m.c	c.	o		47	32	37	-	-								
London (Kew Obs.)		bcz.b.m.b.c	c.o.c	o.c		47	34	42	-	Trace	2.3							
BEAUFORT NOTATION.																		
b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.																		
THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations. Limits of Velocity at about 30 feet above ground.																		
No.		Statute miles per hour.		Metres per second.														
0		Less than 1		Less than 0.3														
1		1-3		0.3-1.5														
2		4-7		1.6-3.8														
3		8-12		2.4-5.4														
4		13-18		3.5-7.9														
5		19-24		5.0-10.7														
6		25-31		7.0-13.8														
7		32-38		9.0-17.1														
8		39-46		12.0-20.7														
9		47-54		15.0-28.4														
10		55-63		21.6-28.4														
11		64-75		28.6-33.5														
12		Above 75		35.6 or above														
SYMBOLS - Aurora ☄ Solar halo ☉ Rime ☃ Lunar halo ☾ Glazed frost ☁ Solar corona ☼ Glazed roads ☂ Lunar corona ☾																		
SOUTH KENSINGTON (Meteorological Office).																		
LONDON OBSERVATIONS.		WEATHER.				TEMP.		Rainfall. mm.	Sunshine to Sunset. Hours.	HUMIDITY %								
		Morning.	Afternoon.	Night.		°F.	°F.			15h. G.M.T.	9h. G.M.T.							
		24 HOURS ENDED 9h G.M.T. 23 rd						YESTERDAY.		TO-DAY.								
Greenwich (Royal Observatory)		b.	bc.o	r.o		47	33	34	Trace	74	94							
City (Bunhill Row)										0.1								
Westminster (St. James's Park)						49	34	28		1.8	69							
" (Admiralty Arch)		c.o.bcm	omq.oq	oqod		48	40		0.1	1.0	79							
Camden Sq. (British Rainfall)		*	bc.bc.c			47	34	30			94							
Kensington Palace		bc	bc.c.o			47	35	38	0.1	7.5	96							
Hampstead Observatory		*	*	ox.o.m.d.m		45	35	29	Trace	1.3	97							
										Vertical Component of Solar Radiation per Square Centimetre during yesterday.								
										Total 278 Joules.								
										Average Rate 9.0 Milli-watts.								
										Maximum Rate 23								
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.																		
		Stations.		Sunrise.		Noon.		Sunset.										
				G.M.T.		G.M.T.		G.M.T.										
		Yarmouth...		7.50		12.5		4.20										
		Greenwich		7.49		12.5		4.21										
				7.53		12.12		4.31										
				7.52		12.12		4.32										
		Wick		8.39		12.24		4.4										
				8.38		12.24		4.11										
		Valencia		8.36		12.53		5.10										
				8.35		12.53		5.11										

NOTES ON THE WEATHER OF YESTERDAY.

Temperature exceeded 45° in nearly all districts, and touched 50° at some western and southern stations. Bright sunshine was again very prevalent in the south and south-west, but there was little in the north and west. Rain was experienced in nearly all localities; the amount was slight generally, but 10 mm. at Blacksod Point and 14 mm. at Eskdalemuir.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 21247B

SATURDAY 24th JANUARY 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.

STATIONS.	BAROM.	†	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea	BAROM.	†	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea				
	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.	%	0-10.		Feet.	Form.	Amt. 0-10.	Form.		Amt. 0-10.	0-9.	at M.S.L.	Change in 3 hours.		Dir.	Force 0-12.	°F.		%	0-10.	Feet.	Form.		Amt. 0-10.	Form.	Amt. 0-10.	0-9.
	mb.																mb.															
13H. G.M.T. 23 rd															18H. G.M.T. OF 23 rd																	
Eskdalemuir ...	1012.0	-4	S	4	o	39	87	6	-	st.	10	-	-	=	1007.5	-4	SSW	7	orm	43	92	3	-	Nb	10	-	-	=				
Valencia (Cahire'n)	1007.5	-5	S	6	o	51	75	7	1/2-2000	st.	10	-	-	=	1008.0	0	S	3	or	46	92	6	1/2-1000	st.	10	-	-	=				
Baldonnel ...	1009.8	-8	SSW	6	oq	49	87	4	2-3000	st.cu	8	A-st	2	=	1007.8	0	SSW	6	ora	49	92	3	1/2-1000	st.cu	10	-	-	=				
Anglesey (Llangefni)																																
Falmouth ...	1019.2	-3	SSW	4	od	48	87	5	-	Nb	10	-	-	=	1016.8	-2	SSW	3	odm	47	95	3	-	Nb	10	-	-	=				
Calshot (Hants) ...	1021.3	-2	SSW	3	c	47	87	3	2-3000	st.	8	-	-	=	1020.0	-1	SSW	3	od	45	98	3	1/2-2000	Nb	10	-	-	=				
Capel (Folkestone)																																
Aberdeen ...	1009.1	-5	SSE	4	o	39	82	7	-	st.cu	7	A-st	2	3	1005.0	-4	S	4	or	43	87	5	-	Nb	10	-	-	=				
East Fortune ...	1010.7	-7	S	5	o	42	82	5	2-3000	st.	4	A-st	5	=	1005.0	-7	SSW	6	ora	47	95	-	2-3000	Nb	7	A-st	2	=				
Flamborough Hd.	1017.1	-3	S	4	c	41	92	4	3-4000	st.cu	3	A-cu	5	-	1013.9	+1	S	6	o	43	92	4	1/2-2000	st.	10	-	-	=				
Felixstowe ...	1022.1	-2	SSW	2	om	44	98	4	1-1500	st.	10	-	-	=	1020.4	-1	S	2	oz	43	92	4	1-1500	st.cu	9	-	-	=				
Cranwell (Lincs)	1018.4	-3	S	3	o	46	92	7	1/2-2000	st.cu	9	A-st	1	=	1017.0	-1	S	3	o	45	98	5	1/2-2000	st.	10	-	-	=				
Shoeburyness	1021.9	-1	WSW	1	om	46	92	4	1-1500	st.	10	-	-	=	1020.2	0	SW	3	om	43	82	3	1-1500	st.	10	-	-	=				
Benson ...	1019.1	-3	SSW	3	o	46	92	5	-	-	-	-	-	=	1018.0	-2	SSW	3	o	44	87	5	-	cu	10	-	-	=				
London (Kew Ob.)	1020.8	-4	SW	3	om	48	87	5	2-3000	st.cu	9	-	-	=	1019.6	-1	SW	3	om	45	82	5	2-3000	st.cu	8	A-st	2	=				
1H. G.M.T. OF 24 th															7H. G.M.T. OF 24 th																	
Eskdalemuir ...	1007.3	+1	SW	5	orm	41	92	3	-	Nb	10	-	-	=	1009.4	-6	SSE	1	orm	39	98	3	500	Nb	10	-	-	=				
Valencia (Cahire'n)	1005.8	-3	S	4	c	43	*	*	*	*	*	*	*	=	1000.4	-1	SSW	4	cpq	39	92	7	-	st.	6	-	-	=				
Baldonnel ...	1007.0	-1	-	0	ot	45	92	3	1/2-2000	st.	10	-	-	=	999.1	-9	SSW	4	ora	45	99	3	1/2-1000	st.	10	-	-	=				
Anglesey (Llangefni)																																
Falmouth ...	1014.3	-2	SSW	4	om	47	92	2	-	st.	10	-	-	=	1011.0	-2	SSW	6	odm	47	92	1	-	Nb	10	-	-	=				
Calshot (Hants) ...	1016.0	-2	S	2	o	45	87	4	1/2-2000	st	10	-	-	=	1015.3	-3	S	3	od	46	98	3	1/2-1000	st	10	-	-	=				
Capel (Folkestone)																																
Aberdeen ...															1003.2	-2	S	3	om	42	87	5	-	st.	10	-	-	=				
East Fortune ...	1005.7	0	WSW	3	od	43	87	4	2-3000	Nb	9	-	-	=	1005.1	-1	SSE	2	od	41	87	-	1/2-2000	Nb	10	-	-	=				
Flamborough Hd.	1012.4	0	SW	5	oq	43	92	4	1/2-2000	st.	10	-	-	=	1009.2	-2	S	6	bcq	42	92	5	2-3000	st.cu	3	A-st	3	=				
Felixstowe ...															1015.9	-2	S	3	c.c.m	40	92	4	1/2-1000	st.cu	3	cu	4	3				
Cranwell (Lincs)	1004.8	-2	S	3	orm	44	98	4	1/2-2000	Nb	10	-	-	=	1011.4	-3	SSE	3	o	43	98	5	1/2-2000	st.cu	10	-	-	=				
Shoeburyness															1015.0	-3	SW	1	b	39	87	7	5-700	st.cu	2	-	-	=				
Benson ...															1012.0	-4	S	5	o	46	87	5	-	cu	10	-	-	=				
London (Kew Ob.)	1017.0	-2	S	3	o	*	*	*	*	*	*	*	*	=	1014.2	-3	SSW	3	om	46	87	5	1/2-2000	st.cu	6	A-st	4	=				

STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.

STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Direc.	Force 0-12.		Temp. °F.	Change in 3 hours.	Direc.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.			
18H. G.M.T. of 23 rd						7H. G.M.T. of 24 th						24 HOURS ENDED 7H. 24 th						23 rd			
Lerwick	1002.7	42	S	8	omrg	1000.6	+1	42	+2	SW	4	-	bcm	2	1	44	42	cm	omrg	cm	*
Stornoway	994.4	46	SSW	7	or	997.4	-1	37	-3	SSW	2	-	b	2	9	46	36	orq	orpa	opq/b	0.0
Castlehay (Barra)	998.0	46	WSW	6	bcjp	995.5	-3	43		SE	4	-	o	6	2	47	41	orop	opbcjp	bcjp/b	0.0
Glasgow	1004.7	45	S	4	d	1002.6	-4	39	+1	SSE	2	-	r	5	5	46	37	o.cog	or.op	orm	0.0
Main Head	1000.8	44	SSW	4	cm	995.2	7	40	+2	SSW	3	SW	c	4	L	46	37	c	emp	c	0.0
Blacksod Point	1002.5	46	W	2	c	994.8	-11	45	-1	SW	5	-	or	4	8	48	37	omgr	om	bom/bc	*
Roche's Point	1010.0	50	SW	5	o	1001.5	-6	44	-4	W	3	-	o	5	10	50	42	or.o	o	or.o	*
Birr Castle	1007.4	45	S	2	r	1000.1	*	41	+2	S	2	-	r	5	9	49	38	o	or	or	0.0
Donaghadee	1007.0	46	WSW	4	omq	1002.1	-6	42	+4	S	1	-	omr	1	7	48	38	om	omq	omr	*
Liverpool (Bidston)	1012.4	48	SW	2	o	1005.1	-5	45	+7	SSE	4	-	o	3	-	49	38	bc.co	c.op	c.o	0.5
Holyhead	1010.5	47	SW	5	og	1002.6	-7	46	-5	SSW	7	-	odq.m	6	4	47	40	b.bc.od	od.c	opdrq	0.0
Pembroke (St. Ann's Head)	1013.8	47	SSW	5	od	1006.7	-4	47	+1	SSW	5	-	omd	5	0.3	47	46	bc.c.om	omd	o.ond	0.0
Scilly (St. Mary's)	1016.5	49	SW	4	om	1010.1	-4	49	+2	SW	5	-	cm	5	1	49	7	feme	om	omc	0.0
Jersey (St. Aubin)	1021.3	39	S	3	b	1015.7	-1	47	+4	SW	4	-	o	0	-	47	35	o.c.o	o.bm	bmwxo	2.2
Portland Bill	1018.3	46	SSW	5	op	1013.2	-4	47	+1	SSW	5	-	o	5	0.2	49	44	od.c	c.op	o	*
Dungeness	1020.4	43	WSW	3	b	1015.4	-2	44	-1	SW	3	-	b	3	-	45	42	c	c	c.bb	*
Wick	999.2	42	S	5	omq	1000.7	0	37	+1	SW	2	-	bc	3	-	43	35	bc.omq	omq	bc.omq	*
Nairn	999.2	43	SSW	3	r	1000.0	*	35	0	-	0	-	cg	1	2	45	32	bc	cgap	opex	0.9
Leith	1004.9	47	SW	4	o	1002.6	-1	41	+4	SSW	1	-	rm	2	4	48	35	b.b.c.u.c	cog	oremr	*
Tyemouth	1010.0	45	SW	2	om	1006.2	-3	46	+7	SW	2	-	om	3	-	47	39	om	om	om	*
Spurn Head	1015.4	44	S	3	og	1010.2	-3	43	+4	S	4	-	og	3	-	44	37	bcm	cg.m	o	*
Yarmouth (Gorleston)	1018.5	43	WSW	4	o	1014.8	-3	42	-2	SW	4	-	om	3	0.1	47	40	bc.cm	o.cd	bc.ond	1.1
Clacton-on-Sea	1020.0	43	SSW	3	o	1015.4	-2	42	-1	S	2	-	bc	2	-	45	41	c.og	og	og/bc	0.0
Nottingham	1015.6	47	SSW	3	o	1010.6	*	46	+10	S	2	5	o	*	-	48	36	fmo	o.e	o	0.2

Information for these columns not usually received

The barometric change is expressed in half millibars.

* Longside at 1H.

SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 24th January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SW. 10-15	R.mild	Variable cloud, local mist.	Fair	Slight
2. E. England	S-SW. 5-15	"	Variable cloud, local drizzle.	Var.	"
3. E. Midlands	S. 5-15	Mild	Dull.	Fair	-
4. W. Midlands	S-SW. 5-15	"	Dull.	Ord.	-
5. S.W. England	S-SW. 20-30	R.mild	Cloudy or dull, local drizzle and mist.	Poor	R.rough
6. South Wales	S-SW. 15-25	"	Dull, mist and drizzle.	"	"
7. North Wales	S-SW. 25-35	"	Dull, mist and drizzle	"	Rough
8. N.W. England	SE-S. 5-15	"	Dull, local rain	"	Slight
9. N. Midlands	S-SW. 5-15	"	Dull.	Ord.	-
10. N.E. England	S-SW. 10-20	"	Fair to dull, local mist.	Fair	Slight
11. E. Scotland	SE-SW. 2-10	"	Cloudy or dull, local mist.	"	"
12. S.W. Scotland	SE-S. 2-5	"	Dull, some rain and mist.	Poor	Smooth
13. Isle of Man	Sly. 5-15	"	Dull, some rain and mist.	"	Mod.
14. N.&N.W.Scot-land	SE-SW. 0-5	Moderate	Fair to dull, local rain.	Ord.	Slight
15. Hebrides	S-SW. 2-5	R.cold	Fine	Fair	Smooth
16. Orkneys and Shetlands	SW. 5-15	R.mild	Fair, local mist.	Ord.	"
17. N.W. Ireland	S-SW. 10-20	Moderate	Dull, some rain.	Fair	Mod.
18. N.E. Ireland	S-SW. 2-10	"	Cloudy or dull, local rain and mist.	Ord.	Slight
19. S.E. Ireland	S-SW. 5-15	"	Dull, rainy.	Good	R.rough
20. S.W. Ireland	SW-W. 10-15	"	Cloudy or dull, local showers and squalls.	"	"

GENERAL INFERENCE from observations received up to 9 a.m.

The depression over the Icelandic region, and the secondary off the north-west of Ireland will travel away to the northward, but it is probable that further disturbances will arrive shortly to maintain the unsettled type of weather.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.
TEMPERATURE is given in degrees.
WEATHER SYMBOLS.
 ☉ clear sky. ☁ sky & clouds. ☂ sky & clouded. ☔ rain falling. ☕ overcast sky. ☘ rain falling. * snow. ▲ hail. ≡ fog. T thunder. E thunderstorm.
SEA DISTURBANCE.—Lough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday, 24th January, 1920
1. S.E. England	Wind S. or SW. moderate or light, fresh locally. Mainly overcast, cloud low, some drizzle. Visibility mainly poor. Mild, then colder.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind S. and SW. strong or fresh, moderating later. Mainly overcast, cloud low. Rain at times, mist locally. Visibility poor. Temperature falling.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Wind S. or SW. increasing in force. Overcast, cloud low, some rain or drizzle, mist locally. Temperature falling.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Wind S. or SW. fresh or strong, a gale locally. Dull, some rain or hail, mist locally. Visibility poor. Temperature falling somewhat.
13. Isle of Man	
14. N.&N.W.Scot-land	
15. Hebrides	
16. Orkneys and Shetlands	Wind S. or SW. veering later, moderate or fresh, stronger locally. Overcast, cloud low, some rain or hail, fairer intervals.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.
 Continuing unsettled, but with rather lower temperature.

SYNOPTIC CHART FOR MORNING OF SATURDAY, 24TH JANUARY 1920.

Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200

TEMPERATURE
WEATHER,
SEA.



ANATION.
observed are drawn
military.
is shown by a
wind. Force, on the
by the number
velocity is shown in
in small circles
given in degrees

Continuing
bled, by
rather
ature.

Scale of Surface Visibility.

0	Very Bad	Objects not visible beyond 200 metres.
1	Bad	" " " 500 "
2	Very Poor	" " " 1,000 "
3	Poor	" " " 2,000 "
4	Indif	" " " 4,000 "
5	Fair	" " " 7,000 "
6	Good, above ord.	" " " 12,000 "
7	Vy. gd., unusual	" " " 20,000 "
8	Except good	" " " 30,000 "
9	Objects visible beyond 20,000 metres, (18.6 miles)	" " " "

R.S., Director

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 24 B SATURDAY 24th JAN 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR ... 23 rd ...																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.
						12h-12h.	9h-12h.								12h-12h.	9h-12h.		22^{nd}-23^{rd}	23^{rd}	22^{nd}-23^{rd}	23^{rd}
						mm.	mm.								mm.	mm.	
Scotland.	Oban	o.c	or	46	37	1	5	0.0	England, N.W.	Douglas (I.O.M.)							
	Banff	beco	gc.be	42	34	0.2	-	0.9		Blackpool	om	c.o	47	35	6	-	0.1
	Montrose									Southport	fc.be.c	c.od.o	48	35	4	-	0.2
	St. Andrews	*	*	45	34	-	1	0.7									
England, N.E.	Harrogate	z.be.cm	mo.c.o	46	36	2	-	0.0	Midlands.	Buxton			48	38	0.3	-	0.8
	Scarborough	*	*	45	37	1	-	2.5		Leamington Spa...			48	39	-	0.1	0.0
	Skegness	bf.o	f.od	45	39	-	0.1	1.5		Malvern	o.c	c.o	48	39	-	0.1	0.0
										Ross-on-Wye	c.om	cm	49	42	Trace	-	0.0
England, E.	Lowestoft	bc.com	omd	47	37	0.3	-	1.0	Wales.	Rhyl	c	c	50	34	2	-	0.0
	Felixstowe	ogm	ogm	45	42	-	-	0.0		Colwyn Bay			50	41	4	-	0.0
	Southend-on-Sea...	o.c.o	o	46	35	-	-	0.1		Llandudno	*	*	52	35	3	-	1.0
										Aberystwyth	r.o.c	c.c.o	49	44	2	-	0.3
England, S.E.	Tunbridge Wells	o.c.o	o	45	39	Trace	-	0.0	England, S.W.	Weymouth	o	od.oe	48	46	2	0.2	0.0
	Margate	o	o	46	37	-	-	0.0		Teignmouth							
	Ramsgate									Torquay	od	od	48	45	-	-	0.0
	Folkestone	o.c	c.o	45	?	-	-	0.0		Paignton	o	od	48	46	1	-	0.0
	Hastings	o	o	47	42	0.2	-	0.0		Penzance	c.od.o	o	50	48	2	1	0.0
	Eastbourne	o	o.c	47	42	-	-	0.0		Newquay	om.c	o	48	45	1	-	0.0
	Brighton	o	o	45	42	-	-	0.0		Bude	o	o	50	45	0.3	-	0.1
	Worthing	o	o	45	41	-	-	0.0		Ilfracombe	oe.c	om	50	43	-	0.1	0.0
	Littlehampton	om	om	46	42	1	-	0.0		Weston-s-Mare	obce	c	50	38	Trace	-	0.1
	Bournemouth	*	*	47	41	2	-	0.0		Bath	o	o	50	45	-	-	0.0
	Ventnor (I. of W.)	*	*	46	41	Trace	-	0.0									

STATIONS.		SUMMARIES FOR PAST 24 HOURS.										Sun. Hours.		BEAUFORT NOTATION. b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air: humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.		THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.			
		WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.										
		7h-13h. ²⁵	13h-18h. ²⁵	18h-23h. ²⁴	1h-7h. ²⁴				Day. 7h-18h.	Night. 18h-7h.									
																No.	Limits of Velocity at about 30 feet above ground.	Statute miles per hour.	Metres per second.
Eskdalemuir		o	o q u e d m . o r m	o r m	o r m	44	34	36	0.3	12	0.0					0	Less than 1		Less than 0.3
Valencia (Cahiriveen) ...		c. o d	c. o d		r. o r. o r	51	39	37	5	4	0.0					1	1-3		0.3-1.6
Baldonnel		z q.	r q.		q. r	49	38		*	*	*					2	4-7		1.6-3.5
Anglesey (Llangefni) ...									*	*	*					3	8-12		3.4-6.4
Falmouth		o d	o e d a m		o e m . c a	48	45	45	1	trace	0.0					4	13-18		5.5-7.9
Calshot (Hants)		c. o	c p d		o	47	44	44	*	*	0.0					5	19-24		9.0-19.7
Capei (Folkestone) ...									*	*	*					6	25-31		10.8-15.8
Aberdeen		b m . c m . o	b c m . o d		o m d o m	45	33	35	*	0.1	0.5					7	32-38		13.9-17.1
East Fortune		c. o q	c. o q		r. o	48	37	*	*	*	*					8	39-46		17.2-20.7
Flamborough Head		b c . c x	c. o q		c. o q	44	35	*	*	*	*					9	47-54		20.8-24.4
Felixstowe		o f	c x		b a c . x	48	34	*	*	*	*					10	55-63		24.5-28.4
Cranwell (Lincs) ...		c. o m	c. o r		o r	47	37	*	*	*	*					11	64-75		28.5-33.5
Shoeburyness		o m	o m		o m c . b c . b	48	39	35	*	*	0.1					12	Above 75		33.6 or above
Benson		o	o		o	47	43	42	*	*	*								
London (Kew Obs.) ...		c m . o	o . o q . o m . o		o d m o	48	43	41	trace	trace	0.0								

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h.	9 h.					
				G.M.T.	G.M.T.										
	24 HOURS ENDED 9h G.M.T. ... 24 th ...								YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	24 th & 25 th JANY ... 1920			
											Stations.	Sunrise.	Noon.	Sunset.	
											G.M.T.	G.M.T.	G.M.T.		
Greenwich (Royal Observatory)	c. d	o d	o	47	42	39	-	0.0	85	86	Total ... 106 ... Joules.	Yarmouth ... {	7.49	12.5	4.21
City (Bunhill Row) ...	*	*	*	*	*	*	*	0.0	*	*		Greenwich {	7.48	12.5	4.22
Westminster (St. James's Park)	*	*	*	49	44	41	-	0.0	85	80	Milliwatts.	Wick ... {	7.52	12.12	4.32
(Admiralty Arch)	om	om	om dom	48	44	*	-	0.0	*	86		Valencia ... {	7.51	12.12	4.33
Camden Sq. (British Rainfall)	o	o	*	48	43	42	-	*	85	87	Average Rate. 3.4	Wick ... {	8.38	12.24	4.11
Kensington Palace ...	o	o	*	48	43	42	-	*	81 (m)	85	Maximum Rate. 10	Valencia ... {	8.36	12.24	4.13
Hampstead Obs.	*	*	o d. o	45	41	38	Trace	0.0	*	89		Valencia ... {	8.35	12.53	5.11
												Valencia ... {	8.34	12.53	5.12

NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 49° or 50° over a large area, but remained below 45° at some northern stations. Rain fell in most localities, the quantity being moderate to considerable in the extreme west and north-west. Over the Kingdom generally the weather was overcast, and the highest sunshine value was 2.5 hours at Scarborough.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No 2348 B

SUNDAY, 25TH JANUARY....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.

STATIONS.	BAROM.	†	WIND.		Weather	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea	BAROM.	†	WIND.		Weather	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea																													
	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	at M.S.L.	Change in 3 hours.		Dir.	Force 0-12.	°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.																									
	mb.													mb.																																							
13H. G.M.T. 24 TH																											18H. G.M.T. OF 24 TH																										
Eskdalemuir ...	996.3	-5	SW	7	om	44	87	6	2-3000	Sc	10	-	-	1002.8	+6	WSW	6	bc	36	75	6	-	Sc	6	-	-																											
Valencia (Cahire'n)	1005.8	+5	WSW	6	c	44	75	7	2-3000	Sc	7	-	-	1011.3	+7	WSW	5	bc	38	87	7	2-3000	Sc	8	-	-																											
Baldonnel ...	1003.2	+6	WSW	4	q	44	82	4	1-1500	Sc	6	A.Sc	1	1009.3	+8	SW	4	q	37	82	4	2-3000	Sc	2	A.Sc	2																											
Anglesey (Llangefni)																																																					
Falmouth ...	1012.9	+4	WSW	4	o	47	82	6	-	Nb	3	-	-	1017.0	+6	WSW	3	b	44	75	6	-	Sc	1	-	-																											
Calshot (Hants) ...	1013.4	-1	SW	4	o	48	82	4	1-1500	Sc	10	-	-	1015.9	+2	WSW	2	b	47	82	5	3-4000	Sc	7	-	-																											
Capel (Folkestone)																																																					
Aberdeen ...	992.5	-14	SSE	5	om	44	82	5	-	Nb	10	-	-	996.0	+8	SSW	4	b	38	75	7	-	-	-	-	-																											
East Fortune ...	993.7	-3	S	6	r	48	87	6	1-2000	Nb	7	-	-	992.2	+7	WSW	6	q	42	75	6	2-3000	Sc	2	-	-																											
Flamborough Hd.	1004.2	-4	SSW	6	o	45	87	7	1-1500	Sc	10	-	-	1007.0	+6	WSW	5	c	44	75	6	1-1500	Sc	7	A.Sc	1																											
Felixstowe ...	1013.9	-2	SSW	3	o	43	88	4	1-1500	Sc	10	-	-	1014.3	+2	SSW	3	o	44	88	5	1-1500	Sc	10	-	-																											
Cranwell (Lincs)	1007.5	-5	S	5	o	45	82	7	2-3000	Sc	9	-	-	1010.9	+5	SW	4	b	43	82	8	1-1500	Sc	1	-	-																											
Shoeburyness ...	1013.4	-1	SSW	3	om	45	87	5	1-2000	Sc	10	-	-	1014.5	+4	SW	4	of	48	87	1	1-2000	Sc	10	-	-																											
Benson ...	1010.0	-3	SSW	5	o	45	82	7	-	-	-	-	-	1013.8	+5	S	2	b	45	75	7	-	-	-	-																												
London (Kew Obs.)	1012.1	-5	SW	4	od	48	87	5	2-3000	Nb	7	A.Sc	3	1014.1	+4	SW	3	c	43	82	4	3-4000	Sc	3	A.Sc	4																											
1H. G.M.T. OF 25 TH																											7H. G.M.T. OF 25 TH																										
Eskdalemuir ...	1010.8	+6	SW	5	c	35	75	6	-	Stow	8	-	-	1015.4	+3	SW	5	c	36	87	6	-	St	8	-	-																											
Valencia (Cahire'n)	1013.9	+2	W	3	bc	44	82	4	-	-	-	-	1011.0	-5	SSW	6	c	48	75	8	2-3000	Stow	8	-	-																												
Baldonnel ...	1014.8	+4	SW	4	bc	35	98	4	-	-	-	-	1013.6	-2	SSW	6	bc	41	98	4	1-2000	Sc	2	A.Sc	3																												
Anglesey (Llangefni)																																																					
Falmouth ...	1022.9	+3	W	2	b	40	75	4	-	-	-	-	1023.3	0	SW	2	bx	40	82	7	-	-	-	-	-																												
Calshot (Hants) ...	1024.1	+2	W	2	b	41	92	4	-	-	-	-	1024.5	+2	-	0	b	39	98	4	2-3000	Nb	2	-	-																												
Lymington (Folkestone)																																																					
Aberdeen ...	1006.8	+6	WSW	6	bc	38	75	3	2-3000	St	2	-	-	1010.1	+6	SW	5	b	37	75	7	-	-	-	-	-																											
East Fortune ...	1012.6	+5	SW	4	bc	36	87	6	-	-	-	-	1013.3	+5	SSW	5	bc	38	82	-	3-4000	Stow	2	A.Sc	4																												
Flamborough Hd.	1020.9	+6	SW	3	b	40	87	4	-	-	-	-	1025.5	+3	WSW	1	bc	37	92	3	-	-	-	-	-																												
Felixstowe ...	1018.5	+8	SW	4	b	37	92	6	-	-	-	-	1022.5	+3	SW	4	bc	35	92	8	2-3000	St	2	A.Sc	2																												
Cranwell (Lincs)													1024.9	+2	W	1	bc	35	87	6	-	-	-	-	-																												
Shoeburyness ...													1024.2	+1	SSW	3	bx	29	92	7	-	-	-	-	-																												
Benson ...													1025.2	+2	SW	1	bm	35	92	6	-	-	-	-	-																												
London (Kew Obs.)	1022.0	+4	S	2	b	41	82	4	-	-	-	-																																									

STATIONS CONTRIBUTING REPORTS, AT 7H. AND 18H.

STATIONS.	BAROM. at M.S.L.	TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
	mb.	°F.	Direc			Force 0-12.	at M.S.L. mb.	Change in 8 hours.	Temp. °F.	Change in 24 hours.	Direc.					Force 0-12.	Max. °F.	Min. °F.	Morning.	Afternoon.		Night.
	18H. G.M.T. of ..24 th						7H. G.M.T. of ..25 th						24 HOURS ENDED 7H. ....25 th.....						.....24 th		
Lerwick	984.3	41	S	8	r	995.6	+9	37	-5	SW	8	-	omh	5	10	44	34	cm	omh	omh	*
Stornoway	987.3	37	SW	6	op	999.3	0	40	+3	S	8	-	opsh	6	7	41	34	op	op	opsh	0.0
Castlebay (Barras)	991.5	40	W	6	ohp	999.8	-3	44		S	7	-	o	7	1	44	35	o.ch op	opsh	bchlp	0.5
Glasgow	999.9	37	SW	4	cq	1012.6	+4	36	-3	SW	2	-	c	*	13	44	33	ormop	orhpc	crspq	0.1
Malin Head	995.0	35	WSW	5	cq	1001.8	-4	38	-2	SW	5	SW	c	5	2	44	35	cp	cp	c	2.4
Blacksod Point	1001.0	35	W	6	cph	1002.9	-4	45	0	W	7	-	cq	6	2	45	34	bcph	cp	cp-bc	*
Roche's Point...	1012.8	41	WNW	4	c	1015.2	-2	47	+3	SSW	6	-	bc	6	0.4	47	38	o.cph	v.cq	b bc	*
Birr Castle	1007.6	37	W	2	c	1011.6	*	38	-3	SE	2	-	c	*	4	42	35	cp	cph	cph	3.2
Donaghadee	1003.8	38	W	3	bq	1013.2	+1	39	-3	W	3	-	bm	3	3	45	35	bc	bcph	bq	*
Liverpool (Bidston)	1008.3	43	WSW	4	b	1019.6	+1	38		SSW	3	-	b	2	0.4	50	36	op.b.	bc.b	c	2.1
Holyhead	1008.6	43	WSW	6	cq	1016.8	-1	45	-1	SSW	5	SW	bc	4	5	48	39	op.cq	cp.cq	b	2.8
Pembroke (St. Ann's)	1012.8	45	WSW	5	bc	1020.5	0	47	-2	SSW	4	-	c	5	1	48	42	om.c	cp	bcq.b	3.8
Scilly (St. Mary's)	1016.7	46	W	5	bc	1023.0	0	47	-2	S	4	-	b	5	1	50	?	c.b	bc	b	5.4
Jersey (St. Aubin)	1017.2	48	SSW	3	bc	1025.7	0	35	-12	S	3	-	b	3	1	51	34	o	o.p	o.b	0.0
Portland Bill	1015.4	47	W	5	bc	1024.4	+4	46	-1	SW	3	SW	bc	4	0.1	50	44	or	o.b	bc	*
Dungeness	1015.0	47	SW	5	c	1025.1	+3	38	-6	WNW	2	-	b	2	-	47	36	bc.c	c	c.b.bx	*
Wick	983.3	37	SW	4	b	1004.0	+4	35	-2	WSW	3	-	bc	3	5	42	31	om	om	qg.b	*
Nairn	993.4	34	WNW	3	r	1005.6	*	36	+1	WNW	1	-	bc	1	7	43	33	cp	cp	qpr.c	0.3
Leith	999.5	41	SW	5	c	1012.0	+2	37	-4	SW	3	-	b	2	8	49	36	rmg	o.cq	cm.c	*
Lynmouth	1003.2	43	WSW	3	bm	1016.2	+4	39	-7	W	2	-	bm	2	0.1	49	37	om	bm	bm	*
Spurn Head	1008.1	46	SW	5	bc	1020.7	?	37	-6	W	4	-	b	3	-	43	32	q	o	bc	*
Yarmouth (100 ft)	1011.2	45	WSW	4	c	1024.2	+5	35	-7	W	2	-	bx	2	-	46	35	om	om	om.b	1.8
Clacton-on-Sea	1013.8	45	SSW	4	o	1024.7	+3	37	-5	W	2	-	bx	2	-	46	36	bm	bm	o.c.bm	0.0
Nottingham	1010.3	43	SW	3	b	1022.1	*	36	-10	SW	2	-	b	*	0.1	50	34	o.c	o.c	b	0.7

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 1H.

SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 25th January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W 0-5	R. Cold	Fine or fair; local mist and frost.	Fair	Smooth
2. E. England	SW-W 2-5	"	Fine or fair; frosty; local haze.	Ord.	Smooth
3. E. Midlands	SW 5-10	"	Fine; local haze.	V. Good	"
4. W. Midlands	SW 5-10	Mod.	Fine or fair.	Fair	"
5. S.W. England	S-SW 5-15	Mod.	Fine or fair; frost locally.	Good	R. Rough
6. South Wales	SSW 15	Mod.	Fair or cloudy.	Fair	"
7. North Wales	SSW 20	R. Mild	Fair; local squalls.	Fair	Mod.
8. N.W. England	SW 15-20	Mod.	Fair; local squalls.	Fair	Mod.
9. N. Midlands	SW-W 10-15	Mod.	Fine or fair.	Fair	"
10. N.E. England	W 5-15	Mod.	Fine; local mist.	Fair	Slight
11. E. Scotland	SW-W 10-20	Mod.	Fine or fair; local squalls.	V. Good	d. Slight.
12. S.W. Scotland	SW-W 5-20	Mod.	Cloudy.	Good.	Mod.
13. Isle of Man	SW 20	Mod.	Fine or fair.	"	Mod.
14. N. & N.W. Scotland	S-W 15-35	Mod.	Fair to dull; local snow & hail showers.	Ord.	R. Rough
15. Hebrides	S-SW 35-42	Mod.	Cloudy or dull; local snow & hail showers; squally.	Indif.	Rough
16. Orkneys and Shetlands	SW 35-45	Mod.	Cloudy or dull; local snow & hail showers; squally.	"	R. Rough
17. N.W. Ireland	SW-W 20-35	Mod.	Cloudy; local squalls.	Fair	Rough
18. N.E. Ireland	SW-W 10-20	Mod.	Fine or cloudy; local mist & squalls.	Ord.	Mod.
19. S.E. Ireland	SE-SSW 15-25	Mod.	Fair to cloudy; local squalls.	Ord.	R. Rough
20. S.W. Ireland	SSW 25-30	R. Mild	Fair or cloudy.	Good	Rough.



GENERAL INFERENCE from observations received up to 9 a.m.

A new depression which has appeared off our Western Coasts will cause a general freshening of the South-West wind current. Gale force will be reached in the West and North. Mild unsettled weather is probable generally.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by arrow flying with the wind. Force, on the Beaufort scale, is indicated by the number 0-12, in indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.
 ○ clear sky. ○ sky & clouds. ○ sky & clouds. ○ overcast sky. ○ rain falling. * snow. & hail. = fog. = thunder. T thunder. R thunderstorm.
SEA DISTURBANCE.— Rough. High.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday, 25th January, 1920.
1. S.E. England	Moderate to fresh winds mainly from S.W.; weather fair at first, overcast later. Probably some rain. Visibility fair to good. Mild.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind between S. and W., fresh to strong, reaching gale force in exposed localities; variable sky; some rain; visibility fair to good. Mild.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Wind between S. and W., strong, reaching gale force in exposed localities; mainly overcast; some rain; squally; visibility fair; mild.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Southerly winds, strong to a gale, moderating later; cloudy or overcast; some rain or sleet; squally; visibility fair; rather mild.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	As for 5-6.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.
 Weather is likely to remain generally mild and unsettled.

SYNOPTIC CHART FOR MORNING OF SUNDAY, 25TH JANUARY, 1920.

Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200

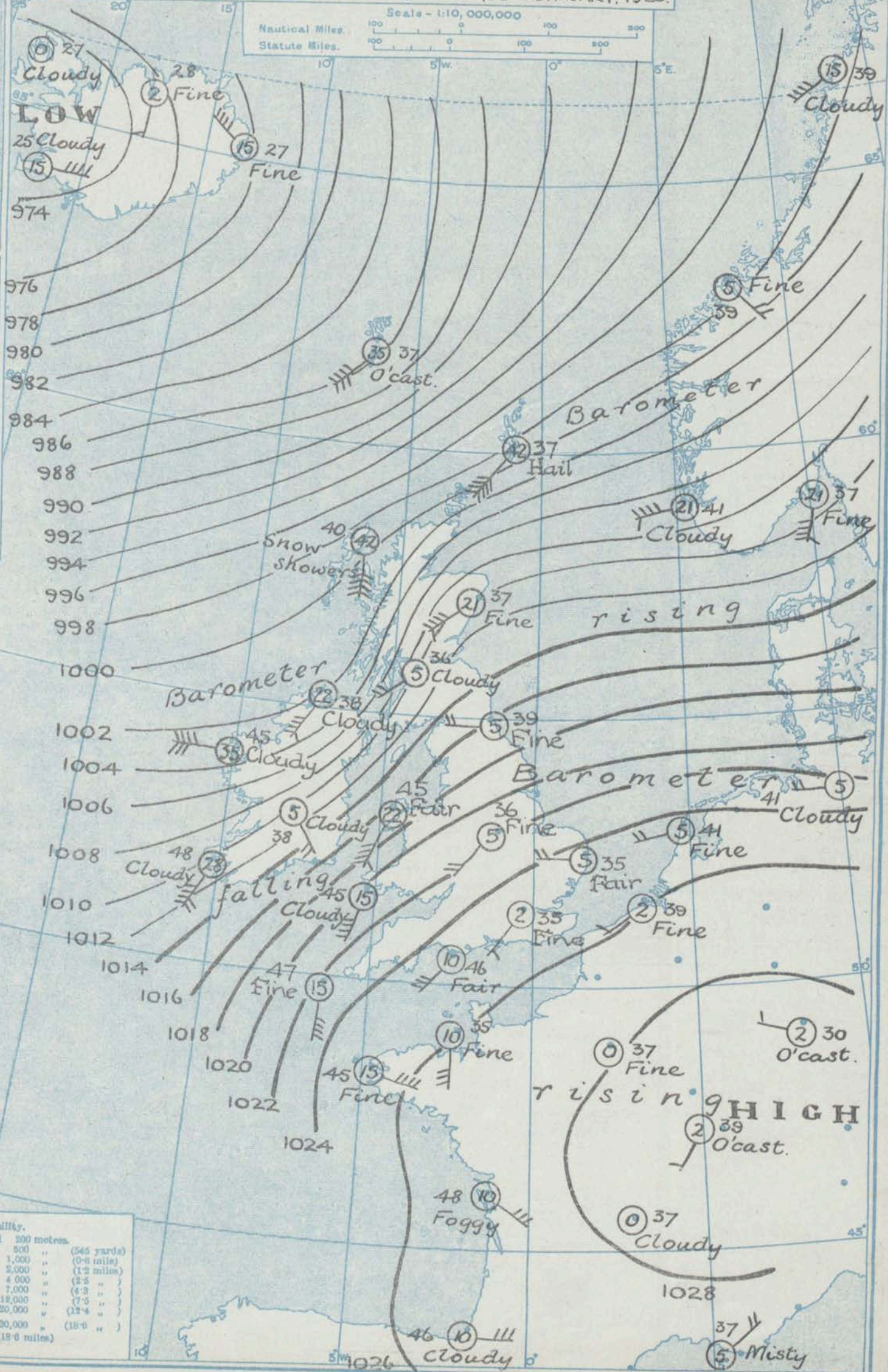
are drawn
shown by
Force, on the
the number
is shown in
a small circle
in degrees F.

Outlook.

is remain
mild
led.

Director

Scale of Surface Visibility.			
0	Very Bad.	Objects not visible beyond	200 metres.
1	Bad	"	"
2	Very Poor	"	"
3	Poor	"	"
4	Indif.	"	"
5	Fair	"	"
6	Good	"	"
7	Y. gd., unusual	"	"
8	Excep. good	"	"
9	Objects visible beyond	20,000 metres, (18.6 miles)	"



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 25... B

Sunday
25th January.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 24 th																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 18h-9h. <small>23rd.....24th</small>	Day, 9h-18h. <small>24th.....25th</small>	Sunrise to Sun- set. <small>24th</small>			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 18h-9h. <small>23rd.....24th</small>	Day, 9h-18h. <small>24th.....25th</small>	Sunrise to Sun- set. <small>24th</small>
Scotland.	Oban	*	o.r.o	43	39	2	5	0.0	England, N.W.	Douglas (I.O.M.)							
	Banff	opr	c.b.c.b	45	35	0.2	1	1.0		Blackpool							
	Montrose									Southport	o.c.or	c.o.r.b.c.b	49	42	-	3	1.9
	St. Andrews	*	*														
England, N.E.	Harrogate	o.c.o	o.p.h.c.b.c.b	49	39	0.1	1	0.4	Midlands.	Buxton							
	Scarborough	*	b.c	49	42	-	-	0.3		Leamington Spa... ..	*	*					
	Skegness									Malvern	o.c.b.c	b.c.c.o	49	43	-	0.1	0.0
										Ross-on-Wye	om	cp.cq	50	43	-	0.3	1.5
England, E.	Lowestoft								Wales.	Rhyl							
	Felixstowe	cg.m	og.m	40	42	-	-	0.7		Colwyn Bay	*	*	54	40	-	1	4.0
	Southend-on-Sea...	o	o	47	40	-	-	0.0		Llandudno	*	*					
										Aberystwyth	n.o.c	cr	48	44	trace	1	2.0
England, S.E.	Tunbridge Wells	o	od.o	47	39	-	trace	0.0	England, S.W.	Weymouth							
	Margate	b	o	48	37	-	-	3.2		Teignmouth							
	Ramsgate	*	o	45	36	-	-	3.2		Torquay	od	o.c	52	45	0.2	-	1.0
	Folkestone	f.b.o	og.o	47	40	-	-	0.0		Paignton	o	od.b.c.b	51	44	trace	trace	1.0
	Hastings	b.b.c.o	o	47	42	-	-	2.1		Penzance							
	Eastbourne	b.c.o	om.o.r.o	48	41	-	0.3	1.3		Newquay							
	Brighton									Bude							
	Worthing	o	od	47	42	-	-	0.0		Ilfracombe							
	Littlehampton	omd	eo	47	41	-	-	0.0		Weston-s-Mare							
	Bournemouth	*	*	50	44	-	trace	0.0		Bath	o	n.c.b.b	52	46	-	1	0.0
	Ventnor (I. of W.)	*	*	47	39	-	-	0.0									

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.	Used only for surface observations.				
	7h-13h24 ^h	13h-18h24 ^h	18h24 ^h -1h25 ^h	1h-7h25 ^h				Day.	Night.		No.	Limits of Velocity at about 30 feet above ground.			
								7h-18h	18h-7h			Statute miles per hour.	Metres per second.		
								mm.	mm.						
Eskdalemuir	orm.o	o.c.bc	b.b.bc.c.a	c	45	33	30	14	-	0.2	b blue sky (not more than a quarter covered).				
Valencia (Cahirciveen) ...	ab.cph	ch.qbc	c.b.c.p		48	39	36	2	1	3.8	bc sky partly cloudy (one half covered).				
Baldonnel	r.c.o	g.r.	b.bc.q.	bc.cq.	-	-	*	*	*	*	c generally cloudy (three quarters covered).				
											d drizzle, or fine rain.				
											e wet air without rain falling.				
											f fog. g gloom.				
											h hail. i lightning.				
											m mist. o overcast sky.				
											p passing showers.				
											q squalls. r rain.				
											rs sleet, i.e., rain and snow together.				
											s snow. t thunder.				
											u ugly, threatening sky.				
											v unusual visibility.				
											w dew. x hoar frost.				
											y dry air; humidity less than 60 per cent.				
											z dust haze; the turbid atmosphere of dry weather.				
Anglesey (Llangefni) ...								*	*	*					
Falmouth	od.op	op.ba.b	b	bx	51	36	28	Trace	-	2.9					
Calshot (Hants)	op.d	c.o	b.bc.	b.bcx	49	26	29	-	-	0.0					
Lympne (Folkestone) ...								*	*	*					
Aberdeen	od.orny	orny.c.b	bq.sp		45	34	31	3	-	0.5					
East Fortune	r.c.o	p.y	g.h.	b.b.cq.	49	35	*	*	*	*					
Flamborough Head ...	og	p.y	g.b.		*	*	*	*	*	*					
Felixstowe	bc.c	c	bc.c.	b	48	36	*	*	*	*					
Cranwell (Lines) ...	a.c	v.r.	b.bc.	b.bc	50	34	*	*	*	*					
Shoeburyness	bc.com	om.of	a.c.bcm		48	33	29	-	-	0.0					
Benson	o	op.b	b		50	29	26	1	0.1	*					
London (Kew Obs.) ...	a.od	o.c	b.bmx		50	35	22	0.3	-	0.2					

LONDON OBSERVATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.	
		Morning.	Afternoon.	Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain-fall. mm.	Sun-shine to Sunset. Hours.	15 h. G.M.T.	9 h. G.M.T.				
24 HOURS ENDING 9h G.M.T. 25th										YESTERDAY.		TO-DAY.		25th & 26th January 1920	
Greenwich (Royal Observatory)	...	o	od	b.c.b	50	33	24	-	0.3	81	81	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.	Sunrise.
City (Bunhill Row) ...	...	*	*	*	*	*	*	*	*	*	*				Noon.
Westminster (St. James's Park)	...	*	*	*	*	*	*	*	*	*	*	Total Joules.			G.M.T.
" (Admiralty Arch)	...	om	od.mq.b.c	b.b.v	51	39	*	Trace	0.0	84	77			Yarmouth...	G.M.T.
Camden Sq. (British Rainfall)	...	o.c	c.o	*	50	31	27	Trace	*	69	98	Average Rate.		Greenwich	G.M.T.
Kensington Palace ...	...	o.od	o	*	50	33	25	-	0.0	15.87	98			Wick	G.M.T.
Hamstead Observatory ...	...	d.p	od.or.b.c	b.b.x	48	35	30	1	0.0	2	96	Maximum Rate.		Valencia ...	G.M.T.
															G.M.T.

NOTES ON THE WEATHER OF YESTERDAY.

Rain in small or moderate amounts fell in nearly all districts and snow was reported in Scotland and the Hebrides, while hail showers were very general in Ireland. The heaviest precipitation occurred at Glasgow (13 mm). Except at Scilly (5.4 hours) and in parts of Ireland, Wales and Western England there was little sunshine. Temperature was generally rather above the normal.

* Information for these columns not usually received.

SUMMARY OF CONDITIONS AT 7 A.M. Monday, 26th January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S. 15-20.	E. mild.	Cloudy or dull; local mist.	Ord.	Mod.
2. E. England	SE-S 15-25.	"	Mainly dull; local mist and squalls.	Fair.	r. rough.
3. E. Midlands	SSE-S 15-20.	"	Cloudy or dull.	Fair.	-
4. W. Midlands	SE-S 15-20.	"	Cloudy or dull.	-	-
5. S.W. England	SSE-S 25-35.	"	Cloudy or dull; local rain and squalls.	Indiff.	r. rough.
6. South Wales	S. 20-35.	"	Dull; local drizzle and squalls.	Ord.	Rough.
7. North Wales	SE-S 25-42.	"	Dull; rainy, squally.	Ord.	Rough.
8. N.W. England	SE-S 20-25.	"	Dull.	Fair.	Mod.
9. N. Midlands	SSE-S 15-20.	"	Dull.	Fair.	-
10. N.E. England	SSE-S 15-30.	"	Cloudy or dull, squally, gale at Flamboro' Hd.	Ord.	moderate.
11. E. Scotland	SE-SW 20-40.	Mild.	Fair to dull; local squalls.	Fair.	r. rough.
12. S.W. Scotland	SE-S 25-30.	"	Dull, local rain.	Good.	rough.
13. Isle of Man	SSW. 25-30.	r. mild.	Dull, rainy.	Ord.	rough.
14. N. & N.W. Scotland	S-SW 35-42.	"	Cloudy or dull, squally, local mist & showers.	Ord.	rough.
15. Hebrides	S-SW. 35-42.	"	Dull, squally, local showers.	Fair.	rough.
16. Orkneys and Shetlands	S. 40-50.	"	Dull, squally, mist at Shetlands.	Indiff.	rough.
17. N.W. Ireland	SW-NW. 15-25.	Mod.	Cloudy, local mist.	Ord.	r. rough.
18. N.E. Ireland	SW. 25-35.	r. mild.	Cloudy or dull, squally, local mist and rain.	Ord.	rough.
19. S.E. Ireland	SE-SW. 5-15.	Mod.	Dull, rainy.	Ord.	rough.
20. S.W. Ireland	W-WNW. 10.	Mod.	Fine or fair.	v. good.	r. rough.

GENERAL INFERENCE from observations received up to 9 a.m.

A deep depression centred near Iceland is moving away Eastward or North-Eastward. A temporary rise in the barometer spreading over the British Isles from the West, will be accompanied by colder and fairer weather.

EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of five millibars.
 WIND.—Direction is shown by the arrow pointing in the direction from which the wind is blowing. Force, on the Beaufort scale, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.
 TEMPERATURE.—Isobars are drawn at intervals of one degree.
 WEATHER SYMBOLS.—
 ☉ clear sky. ☁ sky & clouds. ☂ sky & rain. ☄ overcast sky. ☇ rain falling. * snow. ▲ hail. ☼ fog. ⚡ thunder. ⚡ thunder.
 SEA DISTURBANCE.—
 Rough. High.

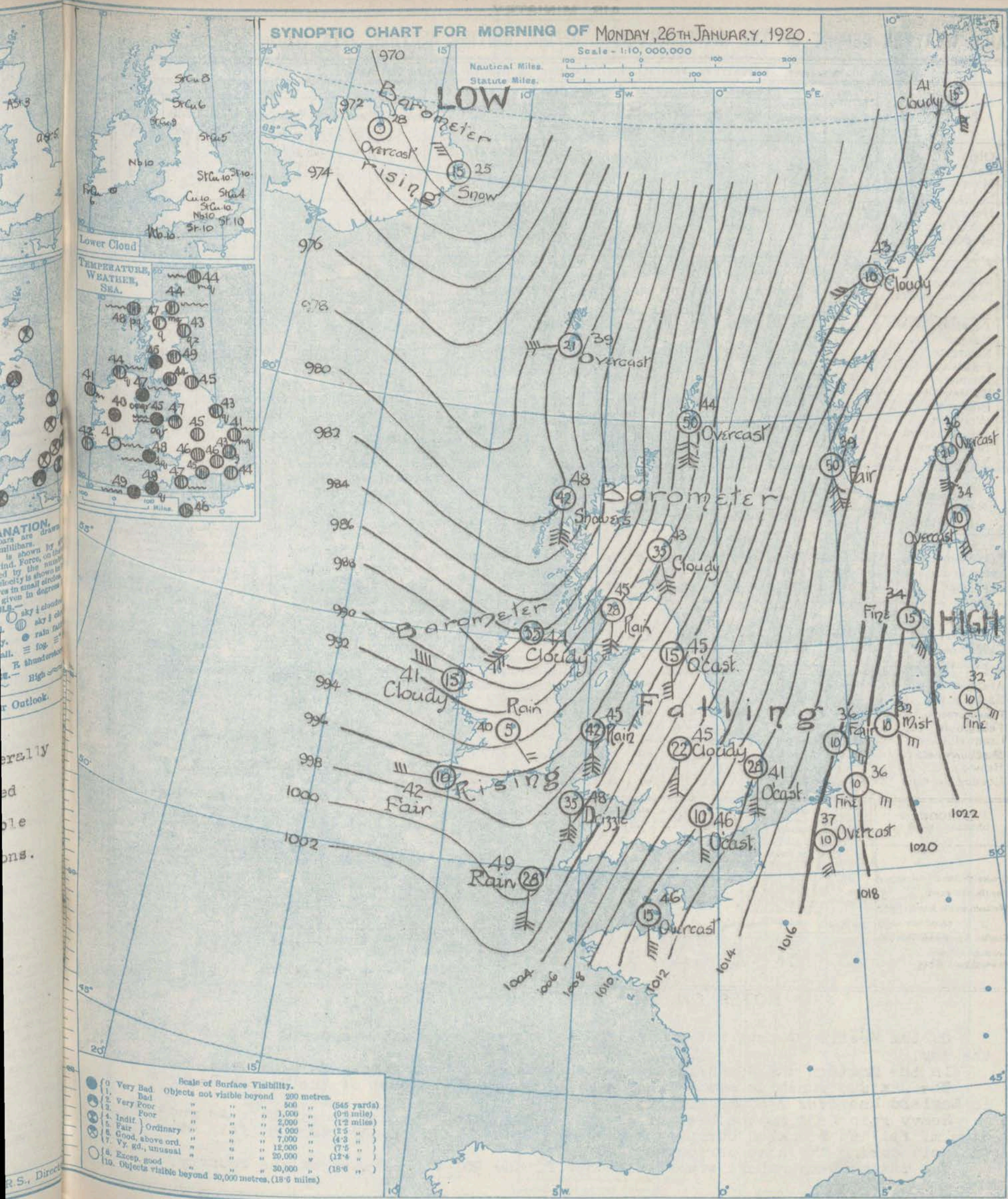
Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 26th January, 1920.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind S. to S.W. strong to gale, overcast with low cloud and some rain. Indifferent visibility. Wind veering and decreasing with a temporary improvement tonight or tomorrow. Mild becoming colder tonight or tomorrow.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Wind Westerly, moderate to strong. Low cloud at times with showers of rain or hail. Fair intervals. Squally. Fair to good visibility. Rather cold.
10. N.E. England 11. E. Scotland	Same as 1 - 4.
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind Westerly, moderate to strong. Showers of rain or hail with bright intervals. Good visibility. Rather cold. Southerly to South-Westerly winds with dull rainy and milder weather will probably have set in by tomorrow.

Generally unsettled changeable conditions.

SYNOPTIC CHART FOR MORNING OF MONDAY, 26TH JANUARY, 1920.

Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200



Scales of Surface Visibility.

Symbol	Description	Objects not visible beyond	200 metres	(545 yards)
1	Very Bad	"	500	"
2	Bad	"	1,000	"
3	Very Poor	"	2,000	"
4	Poor	"	4,000	"
5	Indif. Ordinary	"	7,000	"
6	Fair	"	12,000	"
7	Good, above ord.	"	20,000	"
8	Vy. gd., unusual	"	30,000	"
9	Except. good	"	30,000	"
10	Objects visible beyond 30,000 metres, (18.6 miles)	"	30,000	"

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25 th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.		
						12h-12h.	9h-12h.								12h-12h.	9h-12h.		24h-24h.	25h-25h.
						mm.	mm.	25 th							mm.	mm.	25 th		
Scotland.	Oban	b b c c	b c	44	35	-	-	2.0	England, N.W.	Douglas (I.O.M.)									
	Banff	b b c c								Blackpool	b b c c	0	44	35	-	-	1.0		
	Montrose	*	*							Southport									
	St. Andrews	*	*																
England, N.E.	Harrogate	f. b c	b c c	44	34	k	-	3.3	Midlands.	Buxton									
	Scarborough	*	*							Leamington Spa	*	*							
	Skegness									Malvern									
										Ross-on-Wye	m b c	b	49	36	-	-	7.1		
England, E.	Lowestoft	b	b	46	34	-	-	7.5	Wales.	Rhyl	b c c	c b c	48	35	-	-	1.0		
	Felixstowe	b c	b c	44	37	-	-	7.8		Colwyn Bay	*	*	47	40	-	-	1.7		
	Southend-on-Sea	b	b	49	34	-	-	7.2		Llandudno			49	38	-	-	1.3		
										Aberystwyth									
England, S.E.	Tunbridge Wells	b	b	44	30	0.3	-	7.1	England, S.W.	Weymouth									
	Margate									Teignmouth									
	Ramsgate									Torquay	b c b	b	48	35	-	-	7.6		
	Folkestone	b c	b	50	35	-	-	7.0		Paignton	b c b	b c o	49	31	-	-	7.4		
	Hastings	b	b	49	35	-	-	8.1		Penzance	b c	b c o	50	38	-	-	6.4		
	Eastbourne	b	b c c	48	34	-	-	7.8		Newquay	b	o b o	48	37	-	-	6.5		
	Brighton	b m	c b	48	32	0.2	-	6.3		Bude									
	Worthing	b b c r	b b	49	32	-	-	6.5		Ilfracombe									
	Littlehampton	b c m	b c m	47	31	-	-	7.4		Weston-s-Mare									
	Bournemouth	*	*	49	33	-	-	7.5		Bath	m b	b b c	50	30	-	-	6.3		
	Ventnor (I. of W.)			50	39	-	-	7.5											

SUMMARIES FOR PAST 24 HOURS.												BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Glass. ° F.	RAINFALL.		Sun. Hours.	b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.	Used only for surface observations.					
	7h-12h	12h-18h	18h-24h	1h-7h				Day. 7h-12h	Night. 12h-7h			Limits of Velocity at about 30 feet above ground.					
								mm.	mm.		No.	Statute miles per hour.	Metres per second.				
Eskdalemuir ...	bc.c bc.e	o	a	o	45	35	37	0.3	-	0.3	0	Less than 1	Less than 0.3				
Valencia (Cahirciveen) ...	cdof	oro	rl.c	cp	49	39	36	22	20	0.1	1	1-3	0.3-1.5				
Baldonnel ...	rhq	q.rh	q.r.	qr	49	40	*	*	*	*	2	4-7	1.6-3.5				
Anglesey (Llangefni) ...							*	*	*	*	3	8-12	3.4-5.4				
Falmouth ...	b.bq	b.cq	oq.	oq.rq	50	39	46	-	trace	6.3	4	13-18	5.5-7.9				
Calshot (Hants) ...	b.b	b.b	bc.c	c.o	47	38	38	-	-	7.8	5	19-24	8.0-10.7				
Capel (Folkestone)							*	*	*	*	6	25-31	10.8-13.8				
Aberdeen ...	b.b.c	b.cq	cp	q	44	35	40	-	trace	0.8	7	32-38	13.9-17.1				
East Fortune ...	pq	q.c	q.r.	q	47	38	*	*	*	*	8	39-46	17.2-20.7				
Flamborough Head	zq	b.cq	b.cq.	c.oq	49	37	*	*	*	*	9	47-54	20.8-24.4				
Felixstowe ...	b.b	b.b	b.bq	b.cq	44	40	*	*	*	*	10	55-63	24.5-28.4				
Cranwell (Lincs) ...	bc.c	b.c	bc.c	bc.c	45	32	*	*	*	*	11	64-75	28.5-33.5				
Shoeburyness ...	bc.c	b.c	bc.c	bc.c	48	33	30	-	-	7.3	12	Above 75	33.6 or above				
Benson ...	b	b	bc.o	bc.o	47	33	34	-	-	*							
London (Kew Obs.) ...	bm.b	bz.b	bz.b	bc.c	47	32	29	-	-	6.2							

Suffixes 0.1 and 2 attached to Beaufort letters signify intensity, 0 = slight, 2 = heavy. Underlining is used to express continuity.

SYMBOLS—
Aurora . ☆ Solar halo ☉
Rime = Lunar halo ☾
Glazed frost ~ Lunar corona ☾
Glazed roads ~ Lunar corona ☾

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Rainfall.		Sunshine to Sunset.		Humidity %		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.	
		Morning.	Afternoon.	Night.		°F.	°F.	°F.	°F.	mm.	mm.	Hours.	Hours.	15h. G.M.T.	9h. G.M.T.				
Greenwich (Royal Observatory)		b	b	b.o	49	36	26	-	-	-	-	7.1	70	86					
City (Bunhill Row) ...												3.4							
Westminster (St. James's Park)												4.5	65	82					
" (Admiralty Arch)		bm.b	bm.b	cm.oq	49	40	*	-	-	-	-	3.7	71	83					
Camden Sq. (British Rainfall)												*							
Kensington Palace ...		b.b	bc	*	48	41	32	-	-	-	-	8.5 (9h)	91						
Hampstead Obsy. ...		om.x	o	om	46	35	30	-	-	-	-	5.5							

NOTES ON THE WEATHER OF YESTERDAY.

On the Western Coasts and in Ireland strong winds or gales endured most of the day.

In the Eastern and Southern districts the weather was mainly fair or fine. The maximum sunshine was 8.1 hours at Hastings while most of the Health Resorts in England had over 7 hours sunshine.

Heavy rain fell in the West of Ireland both during the day and night. As much as 4.4 in. fell at Blacksod during the 24 hours ended 7 a.m. today. 4.2 in. fell at Valencia during the same period.

The maximum temperature was between 45° F. and 50° F. over most of the country.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 21250B

TUESDAY, 27th JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.																															
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. Feet.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. Feet.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea 0-9.			
			Dirce.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Form.	Amt. 0-10.													
12H. G.M.T. OF 26 th																															
Eskdalemuir ...	997.5	+4	SW	4	od	39	92	6	1-1500	Nb	10	-	-	-	1001.2	+4	SW	2	c	35	92	6	-	Sc	2	A. Cu	5	-			
Valencia (Cahire'n)	1002.3	+4	SW	5	c	44	85	10	2-3000	Cu	5	A. Cu	2	5	1003.2	0	S	4	c	40	82	10	2-3000	Cu	7	-	-	5			
Baldonnell ...	1000.9	+3	SW	4	bcq	42	92	4	2-3000	Sc	2	C. St	4	-	1003.4	+4	SW	3	b	37	92	4	-	-	-	A. St	1	-			
Anglesey (Llangefel)																															
Falmouth ...	1004.6	+5	WNW	5	or	45	92	6	-	Nb	10	-	-	-	1009.4	+7	W	3	b	40	75	7	-	Cu	1	-	-	-			
Calshot (Hants) ...	1007.3	-2	S	5	0	49	87	4	2-1000	St	10	-	-	-	1007.1	+3	WNW	5	or	45	87	3	15-2000	Nb	10	-	-	3			
Lympe (Folkestone)																															
Aberdeen ...	994.0	+4	SSW	4	om	44	82	5	-	St. Cu	10	-	-	5	997.7	+4	SW	2	bcz	40	75	5	-	St. Cu	4	Ci. St	3	4			
East Fortune ...	996.0	+6	SW	3	0	42	87	6	2-4000	Nb	4	A. St	6	-	999.9	+4	SW	3	0	40	82	-	2-3000	St. Cu	5	A. St	4	-			
Flamborough Hd.	1001.4	-2	S	6	0	44	92	4	15-2000	St. Cu	10	-	-	-	1000.2	0	WNW	4	or	42	92	5	15-2000	St.	10	-	-	-			
Felixstowe ...	1009.1	-3	SSE	5	0	45	92	6	1-1500	St	10	-	-	4	1007.0	-2	SSE	5	0	45	92	6	15-2000	St.	10	-	-	-			
Cranwell (Lincs)	1003.1	-5	S	5	om	48	87	5	1-1500	St. Cu	10	-	-	-	1003.6	+1	NW	4	or	42	98	5	15-2000	Nb	10	-	-	-			
Shoeburyness ...	1008.4	-3	SSW	4	c	47	82	7	2-1000	Cu	7	A. Cu	1	-	1008.6	-2	SSW	6	om	47	87	7	2-1000	Cu. Nb	10	-	-	-			
Benson ...	1003.8	-3	SSE	6	or	47	92	4	-	-	-	-	-	-	1005.3	+2	NW	4	0	43	87	5	-	Nb	10	-	-	-			
London (Kew Obs.)	1006.8	-3	SSW	4	om	48	82	5	2-3000	St. Cu	8	A. St	2	-	1004.9	-1	SSW	4	od	48	92	5	15-2000	Nb	8	A. St	2	-			
1H. G.M.T. OF 27 th																															
Eskdalemuir ...	1002.8	+1	SW	3	bc	35	87	6	-	St	5	-	-	-	999.4	-5	S	6	or	37	98	6	1-1500	St	5	-	-	-			
Valencia (Cahire'n)	998.3	-8	SSW	4	bc	43	-	-	-	-	-	-	-	-	977.0	-26	SSE	8	or	46	92	3	-	St	10	-	-	-			
Baldonnell ...	1002.9	-1	SSW	4	q	38	92	3	-	-	-	-	-	-	992.7	-3	SSW	8	0	44	92	3	15-2000	St	10	-	-	-			
Anglesey (Llangefel)																															
Falmouth ...	1011.4	-1	SW	4	b	40	75	6	-	-	-	-	-	-	1004.7	-10	S	5	or	44	82	3	-	Nb	10	-	-	-			
Calshot (Hants) ...	1010.4	+2	SSW	3	b	37	92	4	-	-	-	-	-	3	1011.4	-1	SSE	3	c	43	75	4	2-3000	St	8	-	-	3			
Lympe (Folkestone)																															
Aberdeen ...	1000.8	0	SW	4	b	38	82	-	-	-	-	-	-	-	999.1	-1	SW	2	b, 3,	36	82	5	-	-	-	-	-	3			
East Fortune ...	1003.5	+2	SW	4	0	37	92	4	1-1500	St	9	-	-	-	999.5	-1	S	3	bc	38	87	-	2-3000	St. Cu	4	-	-	-			
Flamborough Hd.	1010.3	+4	SW	4	bc	45	92	3	1-1500	St. Cu	4	-	-	5	1004.5	+3	SW	5	b	35	92	5	-	-	A. St	1	4	-			
Felixstowe ...	1009.1	+2	SW	3	b	35	98	4	2-3000	St	2	-	-	-	1012.0	+2	SSW	2	c	39	92	6	1-1500	St. Cu	7	-	3	-			
Cranwell (Lincs)															1009.5	-2	S	3	c	33	87	7	2-3000	St	3	-	3	-			
Shoeburyness															1013.1	0	SSW	1	c	36	92	7	15-2000	St. Cu	8	-	-	-			
Benson ...															1008.6	-2	SSE	4	bc	36	82	8	-	-	Ci. St	5	-	-			
London (Kew Obs.)	1011.0	+5	-	-	-	-	-	-	-	-	-	-	-	-	1012.1	-1	S	1	bcsc	36	87	6	2-3000	St. Cu	2	A. St	3	-			
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																															
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	WEATHER.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.										
			at M.S.L. mb.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Dirce.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.													
18H. G.M.T. OF 26 th																						7H. G.M.T. OF 27 th				24 HOURS ENDED 7H. 27 th				26 th	
Lerwick ...	995.1	41	SSW	3	bc	996.1	0	40	-4	S	3	-	bc	2	1	45	38	omgr	omgr	bc	-										
Stornoway ...	991.4	40	WSW	5	bc	990.2	-2	39	-9	S	5	-	bc	4	8	48	-	omgr	omgr	bc	2.4										
Castellbay (Barra Is)	993.0	41	WSW	3	bc	988.8	-7	41	-	SSE	6	-	bc	6	2	43	37	omgr	omgr	bc	3.5										
Glasgow ...	999.7	38	SW	3	b	998.5	-3	37	-8	S	2	-	bc	-	7	45	35	omgr	omgr	bc	0.2										
Malin Head ...	995.0	40	SW	3	bc	986.8	-5	36	-8	SE	4	-	0	4	trace	45	34	c	bcq	c	4.9										
Blackod Point ...	996.5	41	WNW	4	bcq	976.7	-30	44	+3	S	7	-	omgr	6	6	44	33	bcqph	bcq	c	4										
Roche's Point ...	1006.0	39	WSW	4	c													bcqph	bcq	c	4										
Birr Castle ...	1002.0	36	S	1	c	986.4	-	43	+3	SE	5	-	0	*	1	43	33	bcqph	bcq	c	4										
Donaghadee ...	1000.9	39	SSW	3	b	990.2	-7	43	-4	S	4	-	0	*	2	44	33	c	bc	c	5.7										
Liverpool (Bidston)	1003.4	41	W	3	0	1002.7	-3	37	-10	SE	3	-	0	2	5	47	36	c	0	b.0	0.0										
Holyhead ...	1003.7	42	WSW	4	bc	997.7	-8	43	-2	S	7	-	omgr	6	14	48	39	oc	bc	bcqph	0.4										
Pembroke (St. Ann's Head)	1006.2	44	W	4	b	1004.1	-10	45	-3	S	6	-	0	6	6	45	44	0	bc	bcq	0.0										
Scilly (St. Mary's)	1010.4	43	WNW	5	c	1002.8	-10	44	-5	S	7	-	omgr	6	5	50	42	ormc	bc	bc.orm	1.3										
Jersey (St. Aubin)	1009.0	47	W	4	or	1013.1	0	43	-3	S	4	-	b	4	6	53	42	oco	opor	or. b	1.8										
Portland Bill ...	1007.2	45	NW	6	0	1009.0	-2	45	-2	S	6	-	bcq	6	2	50	44	oc	or	b.0	1.8										
Dungeness ...	1006.7	47	SSW	6	c	1013.2	+1	43	-1	WSW	3	-	b	3	1	48	38	c	c	bc	1.8										
Wick ...	995.7	39	SW	3	bc	997.6	0	39	-5	SSW	3	-	b	3	-	44	35	comq	om. bc	b	0.7										
Nairn ...	995.3	36	W	2	bc	997.6	0	34	-13	-	0	-	bc	1	0.2	47	33	p. bcq	bc	bc	0.7										
Leith ...	993.3	39	SW	2	c	998.2	-1	38	-11	SW	2	-	b	2	1	50	37	ap. c	bc. c	bc. c	0.7										
Tynemouth ...	1001.2	42	W	2	om	1003.7	0	37	-8	WSW	3	-	bm	2	-	47	35	omq	om	bc. bm	0.0										
Spinn Head ...	1003.2	42	WNW	4	op	1008.0	0	36	-7	S	3	-	b	3	1	46	35	omq	op	bc	0.0										
Yarmouth (Dorset)	1006.9	44	S	6	0	1012.1	+2	34	+7	WSW	2	-	bx	2	1	45	34	omq	omq	omq. bc	0.0										
Clacton-on-Sea	1006.5	45	SSE	5	0	1013.1	+1	35	-4	SW	3	-	b	3	0.4	45	36	oco	oco	omq. b	0.2										
Nottingham ...	1003.8	42	W	2	or	1008.3	-	38	-10	S	2	-	b	-	3	50	34	c	odr	no. c	0.7										

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ Longside at 12.

994.6/-

SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 27th January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SE-SW. 2-10.	Mod.	Fine to cloudy, frost inland.	Good.	Mod.
2. E. England	S-W. 2-10.	"	Fine to cloudy, local frost.	"	Slight.
3. E. Midlands	SSE-S. 5-15.	"	Fine to fair.	v. good.	-
4. W. Midlands	SE-S. 10-15.	"	Fair to cloudy.	"	-
5. S.W. England	S. 20-35.	"	Fair to dull, local rain.	Indiff.	rough.
6. South Wales	S. 20-30.	"	Dull, mist and squalls.	Fair.	"
7. North Wales	SE-S. 20-35.	"	Dull, local squalls.	"	"
8. N.W. England	SE-S. 10-15.	"	Dull.	"	Slight.
9. N. Midlands	S-SW. 5-15.	"	Variable cloud.	Good.	-
10. N.E. England	S-SW. 10-20.	"	Fine, local mist.	Fair.	Slight.
11. E. Scotland	S-SW. 0-10.	"	Fine or fair, local haze.	"	"
12. S.W. Scotland	S. 10-20.	"	Fine to dull, local squalls.	Good.	Mod.
13. Isle of Man	S. 20-25.	"	Dull, squally.	-	"
14. N. & N.W. Scotland	S-SSW. 10-20.	"	Fine or fair.	Fair.	"
15. Hebrides	S. 20.	"	Fair.	Fair.	"
16. Orkneys and Shetlands	S-SSW. 10-15.	"	Fair, mist at Shetlands.	Ord.	Slight.
17. N.W. Ireland	SE-S. 25-35.	"	Dull, local rain, mist and squalls.	Poor.	rough.
18. N.E. Ireland	SE-S. 15.	"	Dull, local squalls.	Fair.	Mod.
19. S.E. Ireland	SE-SW. 20-40.	r. mild.	Dull.	Ord.	rough.
20. S.W. Ireland	SSE. 42.	Mod.	Dull, rainy.	Poor.	rough.

GENERAL INFERENCE from observations received up to 9 A.M.

A deep depression centred off our Western Coasts is moving Eastward rapidly. Southerly gales and very disturbed conditions are anticipated over the British Isles generally.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of five millibars.
WIND.—Direction is shown by the arrow, Force, on the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.
TEMPERATURE.—Isobars are drawn at intervals of one degree.
WEATHER SYMBOLS.
 ○ clear sky. ○ sky & cloud. ○ sky & rain. ○ overcast sky. ○ rain & fog. * snow. ▲ hail. ≡ fog. T thunder. T thunder.
SEA DISTURBANCE.—High sea. Rough. High sea.

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 27th January, 1920.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind Southerly increasing to a gale. Overcast with low cloud, some rain. Visibility indifferent. Squally. Mild.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Today Southerly gales, overcast with low cloud, some rain, visibility indifferent. Rather mild. Tomorrow wind probably veering W. or N.W. and moderating. Showers of hail, fair intervals, becoming colder.
10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind S. to S.E., increasing to a gale. Overcast with low cloud, some rain. Indifferent visibility. Rather mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind Southerly veering to N.W. or N., gale force, probably moderating tomorrow. Dull, with rain at first. Showers of hail or sleet with fair intervals tomorrow. Rather mild, becoming colder.

Changeable, unsettled.

NOTHING IS

Nautical Miles.
Statute Miles.



	Objects not visible beyond	200 metres	
0. Very Bad	"	500	(545 yards)
1. Bad	"	1,000	(0.6 mile)
2. Very Poor	"	2,000	(1.2 miles)
3. Poor	"	4,000	(2.5 ")
4. Indist. } Ordinary	"	7,000	(4.3 ")
5. Fair	"	12,000	(7.5 ")
6. Good, above ord.	"	20,000	(17.4 ")
7. V. gd., unusual	"	30,000	(15.6 ")
8. Except. good	"		
9. Objects visible beyond 30,000 metres, (18.6 miles)			

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26 th																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sun- set.
Scotland.	Oban	ro	c.p	44	35	mm. 12	mm. 0.3	1.9	England, N.W.	Douglas (I.O.M.)							
	Banff	bc	bcc	45	38	-	-	0.1		Blackpool							
	Montrose									Southport	oro	oc	48	40	-	4	0.0
	St. Andrews	*	*	47	39	-	3	0.0									
England, N.E.	Harrogate	op	op	46	37	0.2	2	0.0	Midlands.	Buxton			49	39	0.1	4	0.0
	Scarborough	*	*	47	37		1	0.0		Leamington Spa...	*	*	48	39	0.1	4	0.0
	Skegness									Malvern	od	ro	48	39	0.1	4	0.0
										Ross-on-Wye	comf	ro	49	41	0.4	4	0.0
England, E.	Lowestoft	o	om	43	38	-	-	0.0	Wales.	Rhyl	cf.	c	49	35	0.2	2	0.0
	Felixstowe	ogm	cga	46	38	-	-	0.7		Colwyn Bay	*	*	50	41	3	3	0.0
	Southend-on-Sea...	o	ocor	50	40	-	0.2	0.7		Llandudno	r	oc.b	52	42	4	2	0.0
										Aberystwyth	r.to	oc.c	49	43	*	*	0.2
England, S.E.	Tunbridge Wells	o	o.or	49	40	-	0.3	0.0	England, S.W.	Weymouth	or	oro	50	42	-	2	0.0
	Margate	c	c.b.c.b.	48	38	-	-	1.7		Teignmouth							
	Ramsgate	o	o	46	38	0.4	-	0.9		Torquay	r.	bc	50	43	-	5	0.0
	Folkestone	oc	o	48	41	-	-	1.2		Paignton	odor	abc.p	51	43	0.3	7	0.1
	Hastings	bco	co	48	44	0.2	-	1.1		Penzance	or.	c.b.c.b.	48	43	7	1	1.3
	Eastbourne	co	ocor	48	44	-	-	0.5		Newquay	or	bcc.ph	50	42	3	5	0.5
	Brighton	oc	o	48	44	-	-	0.1		Bude	r.	b.	51	43	0.1	10	0.2
	Worthing	o	o	48	43	-	-	0.0		Ilfracombe	or	oc	51	42	1	9	0.0
	Littlehampton	ome	orer	48	45	-	2	0.1		Weston-s-Mare	dr	rc	50	37	-	6	0.0
	Bournemouth	*	*	50	40	-	1	0.1		Bath	or.	or	52	37	-	4	0.0
	Ventnor (I. of W.)	*	*	48	42	-	trace	0.8									

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.			
	WEATHER.					Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.						Sun. Hours.
	7h-13h 24h	13h-18h 24h	18h-24h 24h	1h-7h 24h	Day. 7h-18h				Night. 18h-7h						
										mm.					
Eskdalemuir	oro.od	oc	c.o.c	bc.cop	45	32	29	8	0.4	0.1	b blue sky (not more than a quarter covered).	No.	Limits of Velocity at about 30 feet above ground.		
Valencia (Cahirciveen) ...	beph.c	c.o.c	cp.or		46	40	37	-	13	3.7	bc sky partly cloudy (one half covered).		Statute miles per hour.	Metres per second.	
Baldonnell	co.q	b.b.c.z	b.b.bc	p.	49	33	*	*	*	*	c generally cloudy (three quarters covered).				
Anglesey (Llangefni) ...							*	*	*	*	d drizzle, or fine rain.				
Falmouth	org	or.c.bc	b.	b.bcor	50	38	35	10	trace	0.3	e wet air without rain falling.				
Calshot (Hants)	o	b.o	d.	c.o	50	36	35	4	-	0.1	f fog.				
Capel (Folkestone) ...							*	*	*	*	g gloom.				
Aberdeen	co.omp	omcm	c.b.x		44	35	26	0.3	-	0.0	h hail.				
East Fortune	p.g.	z.c.o	b.b.c	b.	49	37	*	*	*	*	i lightning.				
Flamborough Head	g.g	g.f	g.o	g.b.c	46	34	*	*	*	*	m mist.				
Felixstowe	co.q	co.q	d.coq	bc.coq	46	36	*	*	*	*	n overcast sky.				
Cranwell (Lincs) ...	d.coq	or	r.b.c	c.b.c	48	33	*	*	*	*	p passing showers.				
Shoeburyness	o.c	c.o	ox.c		49	35	30	-	0.3	0.2	q squalls.				
Benson	or	or	ra.c		49	33	25	2	0.1	*	r rain.				
London (Kew Obsy.) ...	o	o.od	od.c.c	bc	49	34	26	0.3	0.2	0.0	rs sleet, i.e., rain and snow together.				
											s snow.				
											t thunder.				
											u ugly, threatening sky.				
											v unusual visibility.				
											w dew.				
											x hoar frost.				
											y dry air; humidity less than 60 per cent.				
											z dust haze; the turbid atmosphere of dry weather.				

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
		Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
24 HOURS ENDED 9h G.M.T. ...27 th ...										YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	27 th & 28 th January, 1920			
														Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Observatory)	0	0.0d	0.6c.b.0	49	34	27	1	0.1	81	84	Total .....17.2..... Joules.	Yarmouth...	7.46	12.6	4.26	
City (Bunhill Row) ...	*	*	*	50	36	29	0.2	0.4	80	79			7.44	12.6	4.28	
Westminster (St. James's Park)	*	*	*	50	39	*	trace	0.1	85	83	Milliwatts.	Greenwich	7.49	12.13	4.37	
" (Admiralty Arch)	om.omy	odmg.odq	0.b	48	35	28	1	*	85	81			7.47	12.13	4.35	
Camden Sq. (British Rainfall)	0	0	*	49	36	27	1	*	96(8)	82	Average Rate. 5.5	Wick ...	8.32	12.25	4.17	
Kensington Palace ...	0.c	om.rod	*	47	34	25	1	0.0	*	84	8.20		12.25	4.15		
Hampstead Observatory ...	0	0	bcc.om								Maximum Rate. 2.2	Valencia ...	8.32	12.54	5.16	
													9.32	12.54	5.18	

NOTES ON THE WEATHER OF YESTERDAY.

The trough of low pressure which passed across the country from West to East caused strong winds and dull weather with rain in its front and improved conditions with a decrease of wind in its rear. The clearance was not experienced in South-East England until the evening. As much as 14 m.m. of rain fell at Pembroke and 10 m.m. at Falmouth. Sunshine amounts were everywhere rather poor; Birr Castle recorded most with 5.7 hours. The temperature reached 50° F at several stations on the South and West Coasts and at Leith. A maximum temperature of 53° F. was registered at Jersey.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No 21,251B

WEDNESDAY, 28th JANUARY 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 10, 7H, 13H AND 18H.																																			
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea							
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.										
			13H. G.M.T. 2.7 th														18H. G.M.T. OF 2.7 th												1H. G.M.T. OF 2.8 th						
Eskdalemuir ...	991.2	-11	SSW	6	oq	35	92	6	1-1500	Nb	10	-	-	-	984.9	-1	S	6	oq	41	87	4	-	St.	9	A St.	1	-	-	-	-				
Valencia (Cahire'n)	981.8	+11	SW	7	bcq	47	65	7	2-3000	Cu	5	-	-	6	987.8	+7	SW	7	bcq	42	75	7	2-3000	Cu	3	-	-	-	-	-	-				
Baldonnell ...	981.8	-10	SSW	7	oq	42	-	4	1-2000	St Cu	5	A St	2	-	985.0	+6	SSW	6	bcq	42	75	3	-	-	-	A St	2	-	-	-	-				
Anglesey (Llangefni)																																			
Falmouth ...	995.2	-9	S	8	oq	47	98	1	-	Nb	10	-	-	-	997.2	+2	SW	4	bcq	48	87	3	-	Cu N.	5	-	-	-	-	-	-				
Calshot (Hants) ...	1007.3	-4	S	7	o	44	82	2	1-1500	Nb	10	-	-	6																					
Capel (Folkestone)																																			
Aberdeen ...	992.6	-11	SSW	6	om	41	75	5	-	St	2	A St	8	4	983.9	-9	SSW	7	omq	41	82	6	-	Nb	10	-	-	-	-	-	-				
East Fortune ...	991.0	-13	SSW	7	oq	41	75	4	1-2000	Nb	6	A St	4	-	983.8	-2	S	5	C	39	87	-	1-2000	St Cu	6	A Cu	1	-	-	-	-				
Flamborough Hd	1001.6	-8	S	4	o	39	82	5	2-3000	St	8	A St	2	-	994.2	-8	S	9	oq	39	92	5	1-1000	Nb	10	-	-	-	-	-	-				
Felixstowe	1009.3	-6	SSW	4	o	43	82	7	1-1500	St	10	-	-	5	1004.1	-7	SE	6	oq	42	98	5	1-1500	Nb	10	-	-	-	-	-	-				
Cranwell (Lines)	1002.5	-9	SE	6	o	40	7	6	1-1500	St	10	-	-	-	996.2	-8	SSW	6	o	41	98	5	2-3000	St	7	A St	3	-	-	-	-				
Shoeburyness	1009.4	-6	SSW	6	o	44	75	7	3-4000	St	9	-	-	-	1002.9	-9	SSW	9	oq	43	82	7	1-1500	St	10	-	-	-	-	-	-				
Benson ...	1003.0	-9	S	6	rsa	41	87	4	-	-	-	-	-	-	997.7	-7	SSW	5	or	45	92	4	-	Nb	10	-	-	-	-	-	-	-			
London (Kew Ob.)	1006.5	-8	SSW	5	opq	45	75	8	1-2000	St Cu	6	A St	4	-	1000.3	-7	S	3	or	45	92	5	1-1500	Nb	10	-	-	-	-	-	-	-			
1H. G.M.T. OF 2.8 th												7H. G.M.T. OF 2.8 th												24 HOURS ENDED 7H. 2.8 th											
Eskdalemuir ...	989.7	+4	SSW	6	oq	38	75	6	St	9	-	-	-	-	994.7	+4	SSW	4	bc	35	82	6	-	Nb	5	-	-	-	-	-	-	-			
Valencia (Cahire'n)	998.9	+8	WSW	5	bcn	42	-	-	-	-	-	-	-	-	997.0	+2	WSW	5	bc	41	82	8	-	Cu	6	-	-	-	-	-	-	-			
Baldonnell ...															996.0	+3	SSW	5	bcq	-	-	3	-	-	-	-	-	-	-	-	-	-			
Anglesey (Llangefni)																																			
Falmouth ...	1002.9	+4	SW	4	bc	43	87	6	-	St Cu	4	-	-	-	1002.8	0	SW	1	C	40	87	5	-	St Cu	5	Cu	2	-	-	-	-	-			
Calshot (Hants) ...	1004.4	0	W	5	o	46	92	4	2-3000	St	10	-	-	3	1005.3	+2	SW	2	o	43	98	3	1-2000	St	10	-	-	-	-	-	-	-			
Capel (Folkestone)																																			
Aberdeen ...	986.7	+2	S	5	b	42	75	-	2-3000	St	1	-	-	-	983.7	+5	SW	5	b	37	82	7	-	-	-	-	-	-	-	-	-	-			
East Fortune ...	996.2	+2	SW	5	b	41	92	5	-	-	-	A St	3	-	992.3	+6	SSW	4	b	39	75	-	-	-	-	-	-	-	-	-	-	-			
Flamborough Hd															995.8	-3	SW	5	bc	37	92	4	-	-	-	-	-	-	-	-	-	-			
Felixstowe															1006.1	+4	SSW	2	3	42	92	4	1-1500	St Cu	3	A St	4	-	-	-	-				
Cranwell (Lines)	998.1	+2	SW	4	o	44	82	5	2-3000	St Cu	6	A St	4	-	1003.1	+5	SSW	4	bc	39	92	4	2-3000	St	3	A Cu	2	-	-	-	-				
Shoeburyness															1005.6	+4	SW	1	om	41	92	3	1-1500	Cu	10	-	-	-	-	-	-				
Benson ...															1003.8	+2	SSW	3	o	40	87	7	-	St	10	-	-	-	-	-	-	-			
London (Kew Ob.)	1001.8	+2	-	-	-	-	-	-	-	-	-	-	-	-	1005.5	+3	SSW	1	om	45	98	3	2-3000	St	10	-	-	-	-	-	-	-			
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																																			
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir.	Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.													
			at M.S.L. mb.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.	Max. °F.	Min. °F.						Morning.	Afternoon.	Night.																
																				24 HOURS ENDED 7H. 2.8 th															
Lerwick	988.9	42	SE	9	omq	984.0	+4	42	+2	SE	8	-	-	omq	5	4	44	39	omq	omq	omq	-													
Stornoway	963.6	45	SE	8	opq	973.0	+8	40	+1	SSW	8	-	-	opq	6	12	45	-	coq	coq	coq	0.0													
Castlebay (Barra Is)	961.8	43	S	9	Y	983.9	+6	42	-	SW	5	-	-	Y	6	10	47	39	opr	opr	opr	0.0													
Glasgow	981.7	41	SW	6	opq	982.3	+6	37	0	SSW	3	-	-	opq	3	3	43	36	copq	copq	copq	0.0													
Malin Head	967.6	42	SSW	6	cpq	987.1	+4	34	-2	SSW	4	-	-	cpq	5	5	45	32	cpq	cpq	cpq	1.0													
Blackod Point						990.9	+6	38	-6	WNW	4	-	-	cpq	5	19	48	30	cpq	cpq	cpq	-													
Roche's Point	991.2	41	WSW	6	o	998.6	+1	43	+2	SW	3	-	-	o	6	8	50	33	roc p	roc p	roc p	-													
Birr Castle	984.5	41	SW	5	c	995.6	-	34	-3	S	2	-	-	c	5	7	48	34	cpq	cpq	cpq	2.5													
Donaghadee	982.8	45	SW	4	bcq	994.4	+4	35	-8	SW	4	-	-	bcq	4	5	46	35	omq r	omq r	omq r	-													
Liverpool (Bidston)	990.6	43	S	4	b	999.4	+2	39	+2	SW	3	-	-	b	3	1	45	36	odq	odq	odq	0.0													
Holyhead	988.6	46	SW	6	bcq	998.2	+1	42	-1	SW	5	-	-	bcq	4	7	48	39	orqm	orqm	orqm	0.0													
Pembroke (St. Ann's Head)	993.5	47	SW	5	bcq	1001.6	+3	40	+1	SW	3	-	-	b	5	15	49	44	orqm	orqm	orqm	0.0													
Scilly (St. Mary's)	997.1	47	SW	4	c	1002.2	0	45	+1	SSW	1	-	-	c	4	9	50	43	orm	orm	orm	0.0													
Jersey (St. Aubin)	1003.3	46	S	5	or	1005.3	0	48	+5	SSW	4	-	-	or	4	9	48	42	bop	bop	bop	0.0													
Portland Bill	998.0	46	SSW	8	oq r	1002.3	+1	46	+1	WSW	3	-	-	bc	5	8	49	43	qmr	qmr	qmr	-													
Dungeness	1003.7	45	S	8	r	1005.7	+2	46	+2	SW	2	-	-	c	2	7	48	42	bc	bc	bc	-													
Wick																																			
Nairn	977.8	41	SSW	9	o	983.9	+8	38	-1	SW	6	-	-	bcq	6	1	42	37	bcqm	bcqm	bcqm	-													
Leith	975.4	40	S	6	C	985.8	-	34	0	W	3	-	-	cg	2	3	43	33	bcg	bcg	bcg	1.2													
Tynemouth	982.2	44	S	6	C	991.5	+2	37	-1	SW	2	-	-	b	2	1	45	37	abc. c.	abc. c.	abc. c.	-													
Spurn Head	989.9	41	S	7	omq	995.9	+3	38	+1	WSW	2	-	-	bm	3	1	42	35	omq	omq	omq	-													
Yarmouth (Gorleston)	994.5	41	S	8	oq	1001.6	+6	39	+3	SW	4	-	-	bk	4	3	41	34	og	og	og	-													
Clacton-on-Sea	1004.0	40	S	8	o	1004.8	+4	42	+8	W	2	-	-	bcm	4	2	46	38	bcqm	bcqm	bcqm	0.0													
Nottingham	1003.6	42	SSW	6	r	1005.1	+3	43	+4	WSW	2	-	-	cme	3	2	45	38	bcog	bcog	bcog	0.0													
	995.0	45	SSW	6	op	1002.4	-	39	+4	SW	2	-	-	b	2	2	46	35																	

SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 28th January, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SW. 5-5.	R. mild.	Dull, local mist.	Poor.	Slight.
2. E. England	SW-W. 0-5.	"	Fair to dull, local mist and drizzle.	Indiff.	"
3. E. Midlands	SSW-WSW. 5-10	Mod.	Fair to dull.	Good.	-
4. W. Midlands	SSW-SW. 5-10	"	Fair.	Ord.	-
5. S.W. England	SW-WSW. 2-5.	"	Fair.	Fair.	R. rough
6. South Wales	SW. 10-15.	R. mild.	Fine.	Ord.	"
7. North Wales	SW. 10-20.	Mod.	Fine, squally.	"	Mod.
8. N.W. England	SSW-SW. 10-15	"	Fine.	"	Slight.
9. N. Midlands	SSW-SW. 10-15	"	Fine.	Indiff.	-
10. N.E. England	SW. 5-15.	"	Fair to fine.	"	Slight.
11. E. Scotland	SW-W. 10-20.	"	Fair to fine.	v. good.	"
12. S.W. Scotland	SSW-SW. 10-15	"	Fair to cloudy.	Good.	Mod.
13. Isle of Man	SW. 15-20.	"	Fair to cloudy.	Fair.	"
14. N. & N.W. Scotland	SW-W. 20-30.	"	Fine to cloudy, squally.	Good.	Rough.
15. Hebrides	SSW-SW. 35-40	"	Cloudy, gale.	Fair.	"
16. Orkneys and Shetlands	S-SW. 25-35.	"	Fair to cloudy, squally.	"	"
17. N.W. Ireland	SW-W. 15-25.	R. cold.	Fair to cloudy, squally.	Good.	"
18. N.E. Ireland	S-SW. 10-15.	"	Fine.	Indiff.	Mod.
19. S.E. Ireland	S-SW. 10-20.	"	Fine, local squalls.	Fine.	R. rough.
20. S.W. Ireland	SSW-WSW. 10-20.	Mod.	Fair to cloudy.	V. good.	"

GENERAL INFERENCE from observations received up to 9 a.m.

The deep depression which skirted our western coasts is now centred to the north of Scotland and is moving away northward or north-eastward. It is probable that our western districts will be affected very soon by the approach of another depression.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.
TEMPERATURE.—Isobars are drawn at intervals of two millibars.
WEATHER SYMBOLS.
 ○ clear sky. ⊙ sky & clouds.
 ⊖ overcast sky. ⊙ rain falling.
 * snow. Δ hail. ≡ fog.
 T thunder. R thunder & rain.
SEA DISTURBANCE.—
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 28th January, 1920
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light or moderate S-SW. breezes. Mainly overcast with rather low cloud, occasional drizzle or light rain. Visibility indifferent, mist locally. Mild.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light or moderate S. to SW. breezes. Cloudy with low cloud, occasional showers. Visibility fair. Mild.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind SW. strong to high moderating. Showers with fair intervals. Visibility fair to good. Rather mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S. to SW. light to fresh. Fair with occasional showers at first, probably overcast with drizzle or rain later. Visibility good probably deteriorating. Mild.

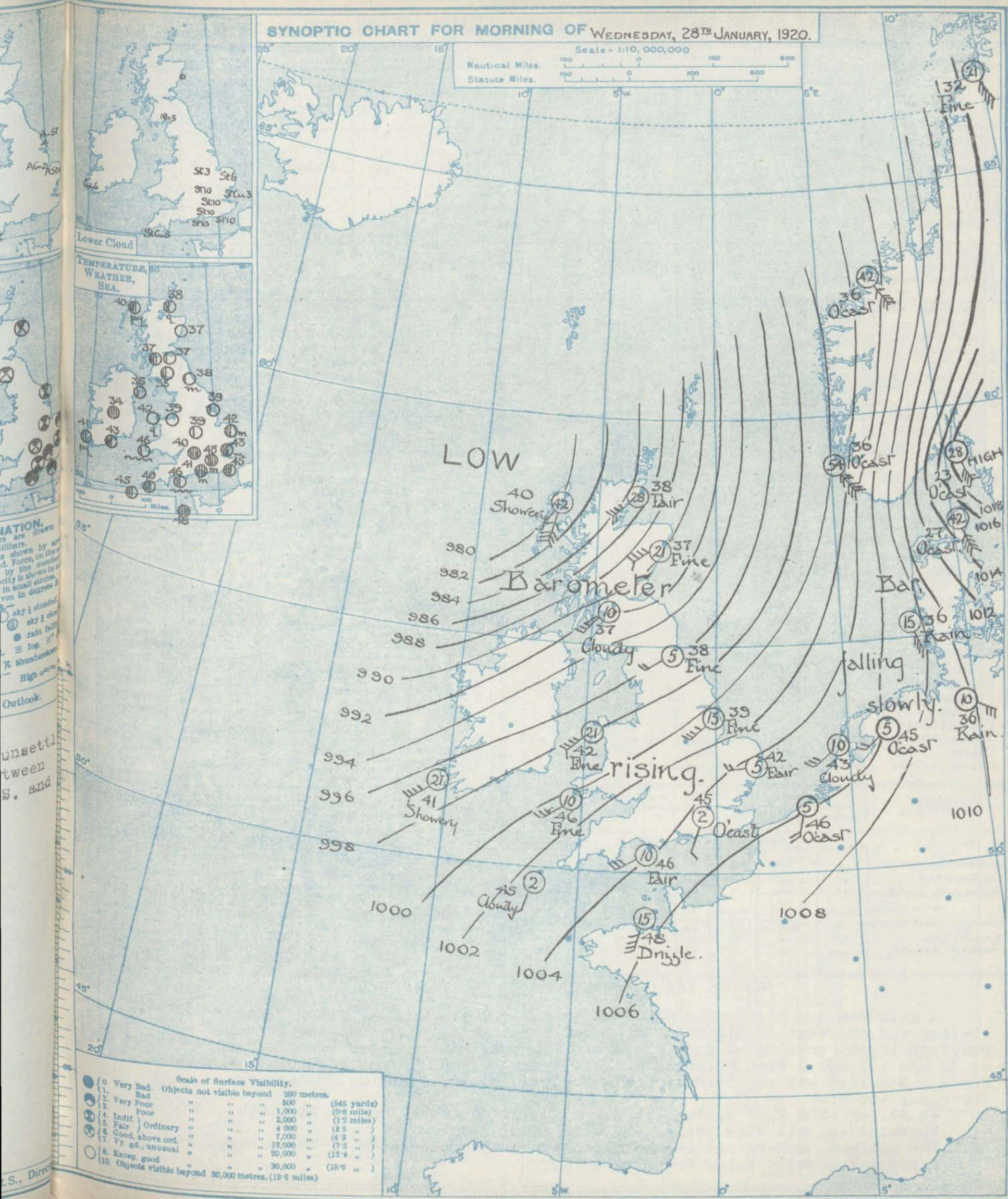
Further Outlook.

Mild, unsettled winds between 50° and 55° S. and

Scale - 1:10,000,000

Nautical Miles.

Statute Miles.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No 28..B

Wednesday
28th January

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 27 th																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.
						18h-9h.	9h-18h.								18h-9h.	9h-18h.	
						20 th 27 th	27 th	27 th							20 th 27 th	27 th	27 th
						mm.	mm.								mm.	mm.	
Scotland.	Oban	or	bce	46	37	1	6	0.0	England, N.W.	Douglas (I.O.M.)							
	Barff	bcco	ogr	40	32	-	2	0.0		Blackpool	b.	pc	42	35	-	1	0.0
	Montrose									Southport	or	ora.bc	43	34	-	2	0.0
	St. Andrews	*	*														
England, N.E.	Harrogate	op.	opq	40	32	0.1	2	0.0	Midlands.	Buxton			44	33	0.1	2	0.0
	Scarborough			47	34	-	4	0.0		Leamington Spa...			46	33	-	9	0.0
	Skegness	cor	or	42	36	2	2	0.0		Malvern	r	ro	46	33	-	14	0.0
										Ross-on-Wye	omr	or	48	36	-		
England, E.	Lowestoft	bcco	or	44	33	1	0.4	0.5	Wales.	Rhyl	←		47	34	-	5	0.0
	Felixstowe	cgg	ogqr	44	38	1	1	0.4		Colwyn Bay	*		47	40	1	8	0.0
	Southend-on-Sea...	orco	org	43	36	1	1	0.0		Llandudno	or	rc	50	40	0.3	9	0.2
										Aberystwyth	ro	oco	48	43	-		0.0
England, S.E.	Tunbridge Wells	o.bco	o.or	45	32	2	7	0.2	England, S.W.	Weymouth	or	rqf	49	41	-	10	0.0
	Margate	o	o	45	36	1	-	0.0		Teignmouth							
	Ramsgate	o	o	44	32	1	10	0.0		Torquay	or	or	50	35	1.1	14	0.0
	Folkestone	o	ode	46	36	1	1	0.0		Paignton	org	org.bc	50	44	0.3	20	0.0
	Hastings	or.bco	or	47	36	1	3	0.8		Penzance	or	cpr	50	41	8	9	0.0
	Eastbourne	co	or	46	38	2	5	0.0		Newquay	or	orco	50	36	5	6	0.0
	Brighton	or	r	46	35	3	5	0.0		Bude	r	c	51	37	2	5	0.0
	Worthing	co	r	45	33	-	6	0.0		Ilfracombe	ocq	qc	50	38	2	10	0.0
	Littlehampton	og	qr	48	38	-	7	0.0		Weston-s-Mare	crc	rc	49	35	0.3	1	0.0
	Bournemouth			47	36	2	5	0.0		Bath	or	or	50	33	-	7	0.0
	Ventnor (I. of W.)			47	39	1	3	0.0									

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		RAINFALL.		Limits of Velocity at about 30 feet above ground.	
		7h-13h 27th	13h-18h 27th	18h-24h 27th	1h-7h 28th	°F.	°F.	°F.	°F.	Day, 7h-18h	Night, 18h-7h	No.	Statute miles per hour.
Eskdalemuir ...	orshqg	orshqg	og.cq	ocoph.bc	42	33	32	6	0.3	0.0	0.0	0	Less than 1
Valencia (Cahirelveen) ...	rogny	bcaoy	bcipq	q.b.bc	50	38	35	3	1	1.8	1.8	1	1-3
Baldonnell ...	rg	q.b.c			-	-	-	-	-	-	-	2	4-7
Anglesey (Llangefni) ...	rq	rqocq	c.o.c.bc	bc.c	49	39	32	17	trace	0.0	0.0	3	8-12
Falmouth ...	q		b.o	c	48	42	38	8	1	0.0	0.0	4	13-18
Calshot (Hants) ...												5	19-24
Lymington (Folkestone) ...												6	25-31
Aberdeen ...	ogm	orgog	og.bq		42	33	23	4	-	0.0	0.0	7	32-38
East Fortune ...	q.pd.	q.p	q.b.bc	bq	44	38	-	-	-	-	-	8	39-46
Flamborough Head ...	og	rsq	bc.cq	b.bq	43	37	-	-	-	-	-	9	47-54
Felixstowe ...	c	d	3		46	38	-	-	-	-	-	10	55-63
Cranwell (Lincoln) ...	c.o	ro	c.o.bc.c	b.b.c	46	32	-	-	-	-	-	11	64-75
Shoburyness ...	c.o	c.pd	orm		48	35	37	0.2	1	0.0	0.0	12	Above 75
Benson ...	ogrs	r	ro.o		47	35	30	7	0.4	-	-		
London (Kew Obs.) ...	omr.opq	opq.or	opq.orm		47	41	34	2	1	0.0	0.0		

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h.	9 h.					
				G.M.T.	G.M.T.										
24 HOURS ENDED 24 G.M.T. 28 th										YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	28 th & 29 th January 1920		
Greenwich (Royal Observatory)	o	ood	ood	48	39	35	3	0.0	87	89	Stations.		Sunrise.	Noon.	Sunset.
City (Bunhill Row)	o	o	o	48	40	35	3	0.0	87	89	G.M.T.	G.M.T.	G.M.T.		
Westminster (St. James's Park)	or	orm	o	49	41	35	3	0.0	85	82	Yarmouth ...	7.44	12.6	4.28	
" (Admiralty Arch)	om.omp	ormq	org.obo	51	42	35	3	0.0	86	81	Greenwich	7.42	12.6	4.30	
Camden Sq. (British Rainfall)	o	oor	o	48	42	36	4	o	99	90	Wick ...	7.46	12.13	4.29	
Kensington Palace	or	or	o	48	40	35	4	o	91	88	Valencia ...	8.30	12.25	4.13	
Hampstead Observatory	orm	om	o	46	39	34	4	0.0	92	90		8.28	12.25	4.22	
												8.30	12.54	5.20	
											Total 163 Joules.				
											Milliwatts.				
											Average Rate. 5.2				
											Maximum Rate. 16				

NOTES ON THE WEATHER OF YESTERDAY.

A gale was experienced in all districts. It was unusually severe over Scotland, Ireland and the west of England. Blacksod reported squalls reaching force 12 Beaufort in the morning. A gust of 34 m/s (76 mph) was reported from Pendennis Castle, of 32 m/s (71 mph.) from Holyhead and of 30 m/s (67 mph.) from Valencia. A wind of force 9 Beaufort was reported from Blacksod, Holyhead, Pembroke, Donaghadee, Stornoway and Wick.

20 mm. of rain fell during the day at Paignton and 17 mm. at Falmouth. Sunshine amounts were everywhere very poor.

The maximum temperature was mainly between 45°F. and 50°F. The minimum at night was nowhere below freezing point.

* Information for these columns not usually received.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 1252 B

THURSDAY, 29th JANUARY 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 15H AND 19H.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.	Sea.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.	Sea.			
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-6.		
13H. G.M.T. of 28 th														18H. G.M.T. of 28 th															
Eskdalemuir ...	998.2	+2	SW	5	c	39	65	7	-	Cu	6	Ci	1	998.8	+1	SSW	2	b	34	82	5	-	St. Cu	3	-	-	-		
Valencia (Cahire'n)	997.6	0	S	2	c	42	75	10	2-3000	Cu	2	A. St	6	997.8	+2	SW	4	b	40	65	10	2-3000	Cu	3	-	-	4		
Baldonnei ...	998.0	-2	SSW	3	o2	43	92	4	-	-	-	A. St	10	-	-	-	-	-	-	-	-	-	-	-	-	-			
Anglesey (Llangefni)	995.7	-9	SE	4	0	45	92	4	-	Nb	9	-	-	992.8	-2	WSW	4	cpq	44	87	5	-	C. Nl	7	-	-	-		
Falmouth ...	1001.2	-4	ESE	4	0	45	92	2	1-1500	Nb	10	-	-	992.2	-12	S	6	or	48	92	4	2-3000	Nb	9	-	-	5		
Calshot (Hants) ...	1001.2	-4	ESE	4	0	45	92	2	1-1500	Nb	10	-	-	992.2	-12	S	6	or	48	92	4	2-3000	Nb	9	-	-	5		
Lymington (Folkestone)	1001.2	-4	ESE	4	0	45	92	2	1-1500	Nb	10	-	-	992.2	-12	S	6	or	48	92	4	2-3000	Nb	9	-	-	5		
Aberdeen ...	994.2	+4	SSW	5	b	40	65	7	-	FCu	1	-	-	996.5	+3	SSW	3	b2	38	75	6	-	-	-	-	-	3		
East Fortune ...	996.3	-1	SSW	5	b v	42	75	7	2-3000	C. Nl	3	-	-	997.7	0	SSW	3	c	39	75	-	3-4000	St. Cu	4	C. St	4	-		
Framburgh Hd.	1002.4	0	SW	4	bc	43	75	4	3-4000	St. Cu	2	A. St	3	1001.5	0	SSE	4	0	40	92	4	1-1500	St	10	-	-	-		
Felixstowe ...	1005.3	-3	ENE	1	om	46	98	5	1-1500	St	10	-	-	1001.1	-5	ENE	3	or	43	98	3	1-1500	Nb	10	-	-	4		
Cranwell (Lincs)	1004.0	0	SE	3	bc	47	75	5	-	Ci	4	-	-	998.5	-3	S	4	om	40	98	3	1-1500	St	10	-	-	-		
Shoeburyness ...	1004.6	-5	S	1	om	45	87	5	1-2000	C. Nl	5	A. St	5	997.5	-2	ESE	4	om	44	87	2	1-1500	St	10	-	-	-		
Benson ...	1001.1	-6	SE	3	om	42	82	3	-	-	-	-	-	992.2	-15	ESE	5	or	44	98	4	-	Nb	10	-	-	-		
London (Kew Obs.)	1002.5	-6	S	3	om	46	75	3	1-2000	St	6	A. St	4	994.7	-11	SE	4	orm	45	92	2	2-3000	Nb	8	A. St	2	-		
1H. G.M.T. of 29 th														7H. G.M.T. of 29 th															
Eskdalemuir ...	998.7	0	-	0	0	34	82	5	-	-	-	A. St	10	999.3	+1	-	0	0	29	87	6	-	St. Cu	10	-	-	-		
Valencia (Cahire'n)	1001.1	0	WSW	5	bc	40	82	5	-	-	-	-	-	1001.2	+3	WSW	4	b	38	75	10	-	St. Cu	1	-	-	4		
Baldonnei ...	999.7	0	SW	3	b	34	98	4	-	-	-	-	-	1001.1	+4	SW	4	bcq	3	98	5	-	St. Cu	5	-	-	-		
Anglesey (Llangefni)	998.5	+4	W	5	or	40	87	4	1-2000	St	7	-	-	1008.7	+4	WSW	6	or	41	75	5	-	St. Cu	9	-	-	-		
Falmouth ...	998.5	+4	W	5	c	40	87	4	1-2000	St	7	-	-	1007.2	+4	W	3	b	39	82	4	2-3000	St	3	-	-	3		
Calshot (Hants) ...	998.5	+4	W	5	c	40	87	4	1-2000	St	7	-	-	1007.2	+4	W	3	b	39	82	4	2-3000	St	3	-	-	3		
Lymington (Folkestone)	998.5	+4	W	5	c	40	87	4	1-2000	St	7	-	-	1007.2	+4	W	3	b	39	82	4	2-3000	St	3	-	-	3		
Aberdeen ...	998.3	+1	-	0	0	36	87	-	3-4000	St. Cu	5	A. St	4	998.4	0	N	1	0	36	82	7	-	-	A. St	10	2	-		
East Fortune ...	987.5	-5	ENE	7	or	36	98	3	1-1500	Nb	10	-	-	998.4	0	WNW	1	c	35	82	-	3-4000	St. Cu	3	A. St	4	-		
Framburgh Hd.	993.8	-2	SE	7	or	40	82	4	1-1500	St. Cu	3	-	-	992.8	+7	NW	7	0	35	82	3	1-1500	St	10	-	-	4		
Felixstowe ...	993.8	-2	SE	7	or	40	82	4	1-1500	St. Cu	3	-	-	1004.2	+11	SSW	6	bcq	39	82	5	1-1500	St. Cu	4	-	-	5		
Cranwell (Lincs)	985.3	-5	S	3	0	32	87	4	1-1500	St	10	-	-	1000.3	+14	WNW	5	0	30	75	3	2-3000	St. Cu	3	A. St	7	-		
Shoeburyness ...	985.3	-5	S	3	0	32	87	4	1-1500	St	10	-	-	1003.6	+10	SW	6	cm	40	75	3	1-2000	St. Cu	1	A. St	7	-		
Benson ...	993.1	+2	-	-	-	-	-	-	-	-	-	-	-	1004.1	+3	WSW	4	bc	36	87	8	-	St. Cu	4	-	-	-		
London (Kew Obs.)	993.1	+2	-	-	-	-	-	-	-	-	-	-	-	1005.3	+11	WSW	2	bc	38	82	6	2-3000	St. Cu	5	-	-	-		
STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.														24 HOURS ENDED 7H. 29 th															
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		WEATHER.	Sea.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.								
			Dir.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.				Max. °F.	Min. °F.	Morning.	Afternoon.	Night.										
13H. G.M.T. of 28 th														7H. G.M.T. of 29 th														24 HOURS ENDED 7H. 29 th	
Lerwick ...	994.5	41	S	3	bom	998.4	+2	43	-1	S	5	S	cmq	4	-	44	38	bom	bom	cm	-	-							
Stornoway ...	988.1	37	SW	5	bc	994.7	+2	38	-2	S	4	-	bcq	3	2	42	-	ocpq	c. bc	bcq	0.2	-							
Castlebay (Barra Is)	990.0	40	WSW	4	bchp	995.0	+1	41	-	SW	4	-	0	5	3	42	37	p.bchp	k.bchp	bchp	0.8	-							
Glasgow ...	997.9	37	SSW	2	b	999.0	+1	34	-3	SW	2	-	b	8	0.4	40	32	chp	b.bchp	c.bchp	1.5	-							
Main Head ...	991.2	36	SW	3	bc	996.1	+2	39	-	SW	3	SW	cp	3	2	40	32	bcq	bc	op	60	-							
Blacksod Point	991.6	38	W	4	bc/ph	997.8	+4	36	-2	W	2	-	c	2	1	42	32	bcq	bcq	op	60	-							
Roche's Point ...	998.3	38	NW	1	0	1004.7	+3	35	-8	NW	1	-	b	3	1	45	35	ed	rcb	o.b	-	-							
Birr Castle ...	996.4	37	S	1	0	1002.3	-	33	-1	SW	1	-	c	8	1	41	30	c.o	o	opsx	1.8	-							
Donaghadee ...	995.3	38	WSW	1	bom	1000.4	+2	33	-2	WSW	1	-	bmx	1	-	45	32	bmx	bc	bc	-	-							
Liverpool (Bidston)	997.6	42	SE	3	m	1000.3	+3	36	-3	W	3	NW	b	3	11	46	32	b.b	c.o	os.b	3.4	-							
Holyhead ...	997.1	43	SE	3	om	1001.4	+2	40	-2	WSW	4	-	cg	3	trace	47	35	b.b	c.o	os.b	0.0	-							
Pembroke (St. Ann's Head)	995.4	37	NNE	3	or	1004.3	+2	42	-4	WNW	5	-	bcv	4	9	47	37	ca	or	os.b	0.8	-							
Scilly (St. Mary's)	993.2	43	WNW	6	cpq	1004.8	+3	40	-5	W	4	-	c	5	5	47	39	comd	cpq	bc.b	0.1	-							
Jersey (St. Aubin)	997.1	47	SW	7	ou	1011.5	+2	44	-4	WSW	5	-	b	4	2	51	42	odor	or	os.b	0.3	-							
Portland Bill ...	990.5	46	SSE	7	qqr	1006.7	+4	46	-2	W	7	-	bcq	7	17	45	41	cor	cor	os.b	-	-							
Dungeness ...	997.2	47	S	5	r	999.0	+2	39	+1	SW	3	-	bc	4	-	40	35	bcq	bcq	os.b	-	-							
Wick ...	992.3	39	SW	3	bc	996.6	+2	39	+1	SW	3	-	bc	4	-	40	35	bcq	bcq	os.b	-	-							
Nairn ...	992.5	38	WSW	3	bc	997.3	-	36	-2	-	0	-	bc	1	-	43	35	bcq	bcq	os.b	4.9	-							
Leith ...	996.8	39	SW	1	c	995.0	0	35	-2	SW	1	-	c	2	-	43	35	bcq	bcq	os.b	-	-							
Tynemouth ...	999.0	41	SW	2	c	996.3	+1	36	-2	WNW	3	-	om	3	7	44	33	bom	bom	os.b	-	-							
Spurn Head ...	999.4	41	SE	3	0	992.2	+3	33	0	NW	3	-	cpq	6	9	44	33	bom	cg	os.b	-	-							
Yarmouth (Gorleston)	1001.8	42	ESE	5	r	997.1	+10	37	-5	WNW	3	-	cpq	-	13	43	34	ofom	omq	os.b	0.0	-							
Clacton-on-Sea	999.3	44	E	4	r	1002.0																							

Information for these columns not usually received.

The barometric change is expressed in half millibars.

SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 29th January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea
1. S.E. England	WSW-W. 5-15	Mod.	Fair to cloudy.	Good	Slight
2. E. England	SW-WNW. 25-40	"	Fair to dull, local showers; gale on coast.	Indiff. Mod.	
3. E. Midlands	WSW-W. 15-20	"	Fair to dull.	Good	
4. W. Midlands	W. 10-15	"	Fine to fair.	"	
5. S.W. England	WSW-W. 20-35	"	Fair to dull, local squalls.	Fair	R. rough
6. South Wales	W-NW. 10-20	"	Fair	V. good	Mod.
7. North Wales	WSW-W. 10-15	"	Fair to dull.	Fair	Slight
8. N.W. England	WSW-W. 2-10	R. cold	Fair to dull.	Good	"
9. N. Midlands	W. 15-20	Mod.	Dull.	"	
10. N.E. England	WNW-NNW. 10-30	"	Dull, local showers, gale at Spurn Head.	Indiff.	Mod.
11. E. Scotland	Var. 0-2	R. cold	Fair to dull.	Good	Smooth
12. S.W. Scotland	SW. 0-5	"	Variable sky.	"	"
13. Isle of Man	WSW. 0-10	"	Fine or fair.	-	"
14. N. & N.W. Scotland	S-SW. 10-15	Mod.	Fair, local showers.	Fair.	Mod.
15. Hebrides	S-SW. 15	"	Fair, local showers.	"	Slight
16. Orkneys and Shetlands	S-SW. 15-20	R. mild	Fair to cloudy, mist and squalls at Shetlands.	Ord.	Mod.
17. N.W. Ireland	SW-W. 5-10	R. cold	Cloudy, local showers.	Fair	Smooth
18. N.E. Ireland	SW-WSW. 2-10	"	Fine to cloudy, local showers and frost.	"	"
19. S.E. Ireland	SW-NW. 2-10	"	Fair to cloudy.	"	Slight
20. S.W. Ireland	WSW-NW. 2-15	"	Fine	V. good	"

GENERAL INFERENCE from observations received up to 9 a.m.

The barometer is rising over the British Isles in the rear of the secondary depression now over the North Sea. There are indications of a depression in the Atlantic which may affect our western coasts by tomorrow causing a freshening of the wind from S. or SW. with low cloud. Otherwise conditions will be mainly fair.

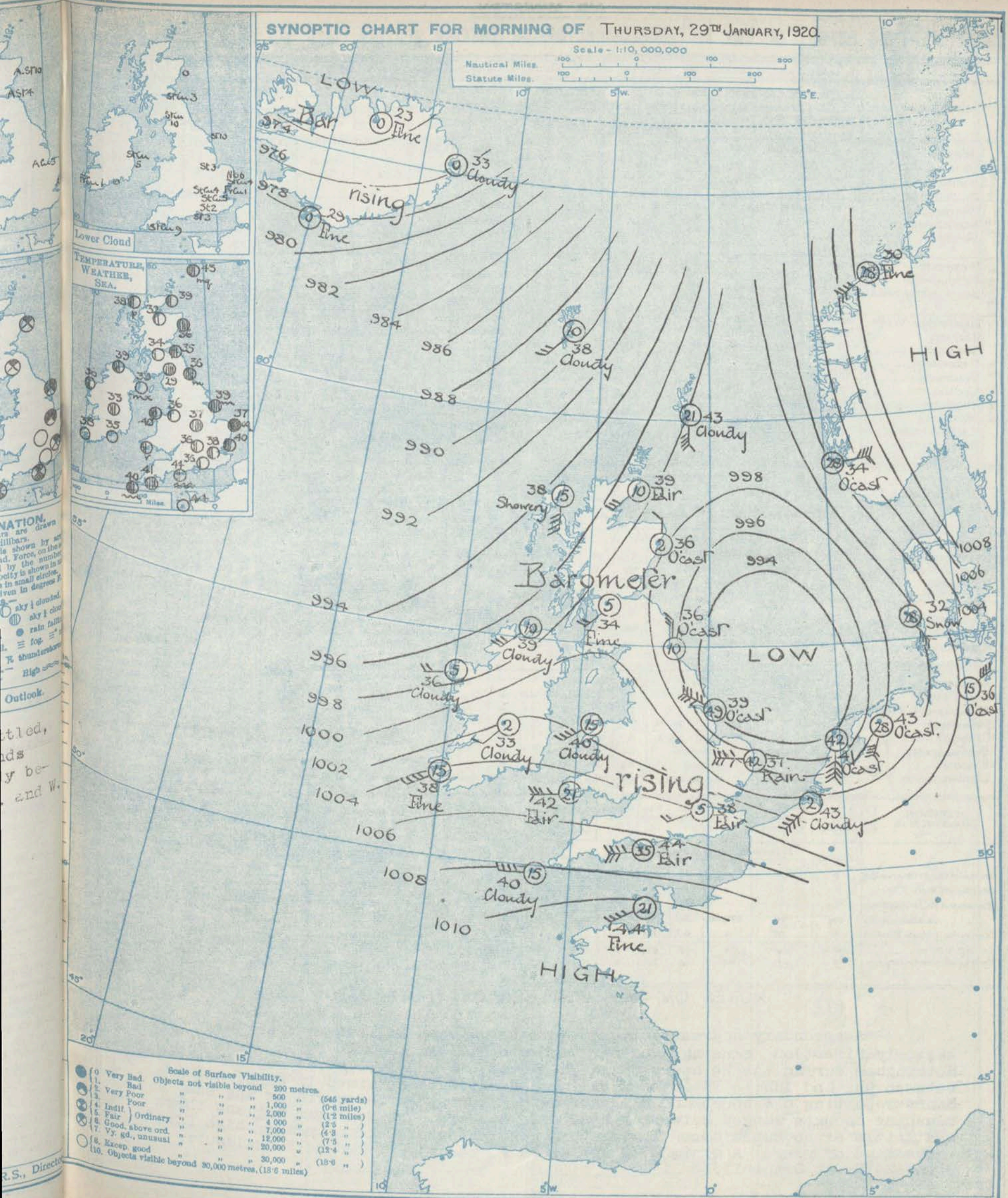
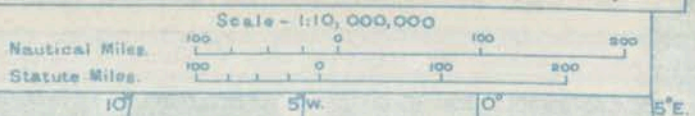
EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of millibars.
WIND.—Direction is shown by an arrow flying with the wind. Force, on the Beaufort scale, is indicated by the number 0-12, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.
TEMPERATURE.—Isobars are drawn at intervals of degrees.
WEATHER SYMBOLS.—
 ○ clear sky. ○ sky & cloud.
 ⊙ overcast sky. ● rain falling.
 * snow. ▲ hail. ≡ fog.
 T thunder. R thunder & rain.
SEA DISTURBANCE.—
 Rough. High.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday, 29th January, 1920
1. S.E. England	Wind SW. to W. light or moderate. Mainly fair, but some low cloud developing at times. Visibility good. Moderate temperature.
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. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	Wind S. to SW. light or moderate, probably freshening somewhat tomorrow. Mainly fair with local showers probably becoming overcast with low cloud tomorrow. Fair to good visibility. Moderate temperature or rather mild.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

Unsettled, with winds generally between S. and W.

SYNOPTIC CHART FOR MORNING OF THURSDAY, 29th JANUARY, 1920.



Thursday,
29th January 1920.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28th																							
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.						
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.						
						mm.	mm.	28th							mm.	mm.	28th						
Scotland.	Oban ...	ro	c.bc	41	37	5	-	2.7	England, N.W.	Douglas (I.O.M.)	c	bco	47	36	-	-	2.8						
	Banff ...	b.	b	43	34	5	-	6.4		Blackpool ...	b.bc.c	co	47	37	-	-	3.2						
	Montrose ...									Southport ...													
	St. Andrews ...			42	3	-	-	5.7															
England, N.E.	Harrogate ...	b.	bccmx	44	35	2	-	3.7	Midlands.	Buxton ...			46	37	0.3	4	4.6						
	Scarborough ...			46	36	1	-	4.2		Leamington Spa...			44	34	0.2	8	2.5						
	Skegness ...	oc	cor	43	40	-	-	1.6		Malvern ...	b	r	45	33	1	10	0.8						
										Ross-on-Wye ...	bc	cor	45	33	-	-	-						
England, E.	Lowestoft ...	om	omr	40	38	2	1	0.0	Wales.	Rhyl ...	bc	bcc	47	37	1	-	3.7						
	Felixstowe ...	opq	opqmd	44	43	3	1	0.0		Colwyn Bay ...			50	46	1	-	3.3						
	Southend-on-Sea...	ococ	or	45	39	1	6	0.0		Llandudno ...	c.b	o	48	39	1	-	3.3						
										Aberystwyth ...	cor	c.cr	45	42	-	-	1.5						
England, S.E.	Tunbridge Wells	om.c	or	47	41	1	7	0.0	England, S.W.	Weymouth ...	bcof	ro	48	43	3	16	0.0						
	Margate ...	or	or	47	41	1	4	0.0		Teignmouth ...													
	Ramsgate ...	o	o	45	36	2	2	0.0		Torquay ...	or	or	47	41	1	12	0.0						
	Folkestone ...	fe	or	47	42	4	2	0.0		Paignton ...	forq	orqop	47	39	1	14	0.0						
	Hastings ...	or	or	48	43	3	3	0.0		Penzance ...	or	orc	47	41	2	3	0.0						
	Eastbourne ...	or	ro	48	45	4	4	0.0		Newquay ...	or	orc	44	38	1	6	0.0						
	Brighton ...	omr	r	47	44	3	9	0.0		Bude ...	b.	r	51	38	0.2	5	0.0						
	Worthing ...	m.or	r	46	42	5	10	0.0		Ilfracombe ...	co	or	45	40	2	10	0.0						
	Littlehampton ...	g	or	48	44	-	13	0.0		Weston-s-Mare ...	cr	r	46	40	5	7	0.0						
	Bournemouth ...			48	41	11	11	0.0		Bath ...	m.cor	r	45	36	-	5	0.0						
	Ventnor (I. of W.)	*	*	51	42	1	7	0.0															
SUMMARIES FOR PAST 24 HOURS.																							
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		Sun.	STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		Sun.						
		7h-13h	13h-18h	Max. °F.	Min. °F.	Min. on Grass. °F.	Day. 7h-18h				Night. 18h-7h	7h-13h	13h-18h	Max. °F.	Min. °F.	Min. on Grass. °F.		Day. 7h-18h	Night. 18h-7h				
Eskdalemuir ...		ohpqc	c.bc.b	b.bc.c.o	u.op.s	39	28	25	1	trace	2.9	Valencia (Cahiretveen) ...		bcc	c.h.b	b.c.h.b.c	45	37	34	1	2	0.6	
Baldonnel ...		coz		b.bc	q	47	32	*	*	*	*	Anglesey (Llangefni) ...		opra	o.orcp	o.cpq	46	38	33	9	1	0.0	
Falmouth ...		or	r	r	b.bc	48	38	38	10	1	0.0	Calshot (Hants) ...											
Lymington (Folkestone) ...									*	*	*	Aberdeen ...		bq	bq.bz	b.bc.o	41	33	28	-	-	5.6	
East Fortune ...		bq	v.bcc	b.c		43	35	*	*	*	*	Flamborough Head ...		bcc	c.bcc		45	33	*	*	*	*	
Felixstowe ...		bx	r	q	q.bcc	46	36	*	*	*	*	Cranwell (Lincoln) ...		bcc	om	ro	47	29	*	*	*	*	
Shearwater ...		omond	omond	omr.c		45	35	35	5	3	0.0	Benson ...		om	r	ro.b	46	35	36	5	5	*	
London (Kew Obs.) ...		om	orm	oq.opq.o.c		47	38	33	5	3	0.0												
BEAUFORT NOTATION.																							
b blue sky (not more than a quarter covered).																							
bc sky partly cloudy (one half covered).																							
c generally cloudy (three quarters covered).																							
d drizzle, or fine rain.																							
e wet air without rain falling.																							
f fog, g gloom.																							
h hail, i lightning.																							
m mist, o overcast sky.																							
p passing showers.																							
q squalls, r rain.																							
rs sleet, i.e. rain and snow together.																							
s snow, t thunder.																							
u ugly, threatening sky.																							
v unusual visibility.																							
w dew, x hoar frost.																							
y dry air; humidity less than 60 per cent.																							
z dust haze; the turbid atmosphere of dry weather.																							
Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 1=moderate, 2=heavy. Underlining is used to express continuity.																							
THE BEAUFORT SCALE OF WIND FORCE.																							
Used only for surface observations.																							
Limits of Velocity at about 30 feet above ground.																							
No.	Statute miles per hour.	Metres per second.																					
0	Less than 1	Less than 0.3																					
1	1-3	0.3-1.3																					
2	4-7	1.6-2.3																					
3	8-12	2.4-5.4																					
4	13-18	5.6-7.9																					
5	19-24	8.0-10.7																					
6	25-31	10.8-13.9																					
7	32-38	13.9-17.1																					
8	39-46	17.2-20.7																					
9	47-54	20.8-24.4																					
10	55-63	24.5-28.4																					
11	64-75	28.5-33.6																					
12	Above 75	33.6 or above																					
SYMBOLS -																							
Aurora ☄ Solar halo ☉																							
Rime ☃ Lunar halo ☾																							
Glazed frost ~ Solar corona ☉																							
Glazed roads & Lunar corona ☾																							
LONDON OBSERVATIONS.																							
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.					
		Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.	mm.	Sunshine to Sunset. Hours.			Humidity % 15 h. G.M.T.	9 h. G.M.T.	Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.	mm.	Sunshine to Sunset. Hours.	Humidity % 15 h. G.M.T.	9 h. G.M.T.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No 21,252B

FRIDAY, 30TH JANUARY....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.				
13H. G.M.T. 29 th															18H. G.M.T. OF 29 th														
Eskdalemuir ...	1001.4	+2	SW	3	0	35	87	6	2-3000	St	10	-	-	*	1001.6	-1	SSE	1	0	33	92	6	-	St cu	7	Ast	3	-	
Valencia (Cahire'n)	995.6	-14	S	6	0	42	82	6	1-2000	St	10	-	-	5	986.5	+1	SW	7	bc	47	75	6	2-3000	cu	5	-	-	6	
Baldonnell ...	1004.4	+4	S	3	0	37	92	6	1-1500	St	4	Ast	5	*	990.8	-16	SSE	8	0	39	92	3	1-2000	St	10	-	-	*	
Anglesey (Llangefni)																													
Falmouth ...	1011.1	0	SW	2	bc	44	75	7	-	Cum b	3	Clst	2	*	1005.4	-9	S	8	0	45	87	4	-	Nb	10	-	-	*	
Calshot (Hants) ...	1012.4	+6	SW	4	0	44	75	6	1-2000	Nb	10	-	-	3	1011.5	0	SW	3	0	39	82	5	1-2000	St	10	-	-	3	
Capel (Folkestone)																													
Aberdeen ...	999.1	+1	NNE	1	c	38	82	7	-	cu	3	Clst	4	2	1000.1	+1	SE	1	b	36	92	7	-	cu	3	-	-	4	
East Fortune ...	999.7	+1	WSW	4	b	40	82	4	2-3000	St cu	1	-	-	*	1000.1	-1	SSW	3	c	37	82	8	2-3000	St cu	4	Ast	3	-	
Flamborough Hd.	1002.4	+6	W	6	bc	40	75	6	-	-	-	Ast	6	*	1005.4	+2	SW	4	bc	36	82	5	3-4000	St	3	Ast	1	-	
Felixstowe ...	1010.6	+3	SSW	4	bc	44	65	6	1-1500	St cu	4	-	-	5	1013.1	+3	SSE	4	bc	40	87	4	1-1500	St cu	5	-	-	4	
Cranwell (Lincoln)	1006.5	+6	SW	5	bc	41	75	6	2-3000	Fr cu	1	Ast	1	*	1007.5	+2	SSE	3	0	35	92	8	1-2000	St	4	Ast	6	-	
Shoeburyness ...	1010.1	+4	SW	4	bc	43	65	7	4-5000	St cu	3	Clst	2	*	1012.0	+5	SSW	7	cu	39	82	6	-	-	-	Ast	10	-	
Benson ...	1009.2	+2	WSW	4	c	43	75	8	-	*	*	*	*	*	1009.5	0	SSW	4	bc	40	82	7	-	-	-	Cl	5	-	
London (Kew Ob.)	1010.4	+4	SW	4	b	44	75	7	2-3000	cu	1	Ast	2	*	1011.8	+1	SSW	3	0	41	82	5	2-3000	St cu	6	Ast	3	-	
1H. G.M.T. OF 30 th															7H. G.M.T. OF 30 th														
Eskdalemuir ...	985.7	-15	SSE	5	0	34	98	4	-	St	10	-	-	*	990.2	+8	W	6	0	35	82	4	1-2000	Nb	9	-	-	*	
Valencia (Cahire'n)	1002.2	+10	WNW	8	bc	40	-	-	-	-	-	-	-	*	1005.1	+7	W	4	bc	44	65	10	-	Fr cu	4	-	-	*	
Baldonnell ...	990.8	+9	SSE	8	0	40	98	4	2-3000	St cu	9	-	-	*	1004.4	+10	WSW	5	bc	35	98	4	3-4000	St cu	2	Ast	2	-	
Anglesey (Llangefni)																													
Falmouth ...	1002.3	+3	W	7	0	48	88	7	-	Cum b	9	-	-	*	1003.0	+8	WNW	5	b	44	65	6	-	cu	2	-	-	*	
Calshot (Hants) ...	1004.5	-3	S	7	0	47	92	2	1-2000	Nb	10	-	-	3	1006.4	+4	SW	3	b	38	82	4	2-3000	St	1	Ast	2	3	
Capel (Folkestone)																													
Aberdeen ...																													
East Fortune ...	988.7	-12	SE	4	S	34	92	-	1-2000	Nb	10	-	-	*	986.1	-3	W	2	c	38	92	5	-	St cu	9	-	-	4	
Flamborough Hd.																													
Felixstowe ...	1006.5	-7	SE	6	0	44	98	4	1-1500	St	10	-	-	6	986.4	+3	WNW	6	0	37	87	-	1-2000	Nb	8	Ast	2	-	
Cranwell (Lincoln)	996.8	-11	S	6	0	42	98	4	1-1500	Nb	10	-	-	*	993.4	+3	WSW	8	0	41	65	4	1-1500	St	10	-	-	-	
Shoeburyness ...																													
Benson ...																													
London ...																													
(M.O. at 1h)	1003.4	-8	-	-	-	-	-	-	-	-	-	-	-	*	1003.1	+6	WSW	4	b	42	75	8	-	-	-	-	-	-	
														*	1004.2	+7	WSW	3	b	43	82	6	-	-	-	-	-	-	

STATIONS CONTRIBUTING REPORTS AT 7h. AND 19h.

STATIONS.	BAROM. at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hour.
	mb.	°F.	Dir.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
	18h. G.M.T. of ... 29 th					7h. G.M.T. of ... 30 th										24 HOURS ENDED 7h. ... 30 th .....						29^{th}
Lerwick	1002.4	33	SE	3	om	997.2	-1	38	-5	S	3	-	cm	1	1	43	32	omg	omg	bcu	*
Stornoway	995.9	34	WSW	2	bc	994.4	+4	38	0	-	0	-	0	0	2	41	-	bc of	omg	bcu	2.7
Castlebay (Barra Is)	994.8	34	E	4	Op	996.4	+4	40	-1	W	4	W	bc	1	2	44	37	o.bchp	bcu	o.b.c	3.0
Glasgow	1000.0	35	SSE	2	om	991.1	+11	35	-1	W	4	-	0	0	4	40	32	bc cm	bcu	osp	0.5
Malin Head	991.8	35	E	3	0	996.0	+9	38	-1	W	4	-	or	5	6	42	34	bc	c	or	3.3
Blacksod Point	979.0	35	SE	7	om	1002.8	+7	39	+3	NW	3	-	bc ph	4	9	41	30	bcu	omg	bcu	*
Roche's Point	990.2	50	SW	7	0	1007.9	+7	40	+5	W	3	-	b	4	12	50	34	or	0	0	*
Birr Castle	984.0	43	S	4	0	1004.2	-	37	+4	SW	2	-	bc	0	4	46	30	c.o	om or	op bc	1.6
Donaghadee	998.2	41	SSW	4	om	998.7	+14	39	+6	WNW	5	-	cq	5	9	44	28	bcu	bcu	bcu	-
Liverpool (Bliston)	1002.7	37	SSE	3	0	997.5	+5	41	+5	W	8	-	0	0	1	45	36	c.o	c.o	p.oq	4.4
Holyhead	991.7	40	S	7	0	1001.0	+6	41	+1	WSW	7	-	0	0	6	48	38	0	0	0	0.9
Pembroke (St. Ann's Head)	999.7	42	S	8	0	1006.1	+9	43	+1	W	5	-	bcu	0	10	49	42	0	0	0	2.3
Silly (St. Mary's)	1003.0	47	S	7	om	1003.7	+7	46	+6	WNW	5	W	bc	6	4	49	46	0	0	0	1.8
Jersey (St. Aubin)	1014.6	46	SSW	3	c	1009.7	+1	47	+3	W	3	-	b	3	14	48	43	bc o.b.	bc	id. or b	4.3
Portland Bill	1009.9	45	SW	6	bcu	1005.8	+3	48	+2	W	7	-	bcu	6	10	50	40	bcu	bcu	b. bcu	-
Dunnet	1012.6	44	WSW	4	cq	1003.5	+1	47	-	WSW	7	SW	cq	6	6	48	40	bc	0	0	-
Wick	999.2	37	SSE	4	om	992.3	-3	37	-2	NE	4	-	omg	4	1	40	35	bc om	omg	c. omg	*
Nairn	998.3	31	-	0	c	989.7	-	36	+4	W	3	-	op	2	2	40	29	c. bc.	bc. c.	cgbr	3.1
Leith	999.6	36	SW	1	c	987.8	+3	36	+1	W	2	W	c	2	3	40	33	c. bcu	cgbc	c. omc	-
Tynemouth	1002.6	38	SW	2	bcu	1005.3	0	40	+4	W	2	-	om	4	2	42	35	om	bcu	om om	*
Spurn Head	1007.0	37	SW	3	b	996.4	+2	42	+3	WSW	4	-	c	4	1	45	36	0	bcu	omg	4
Yarmouth (Gorleston)	1010.6	35	WSW	3	b	1000.4	-2	46	+3	WSW	5	-	bc	6	0.4	46	36	bcu	bcu	omg bc	7.2
Clacton-on-Sea	1012.3	40	SSW	5	bc	1002.3	+3	45	+5	WNW	4	NW	c	4	6	45	38	c. bcu	bc c. bc	bc or c	5.0
Nottingham	1007.1	39	SW	3	0	999.0	-	41	+4	W	4	W	b	0	1	49	35	b. bc	bcu	or	4.4

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 10.

SUMMARY OF CONDITIONS AT 7 A.M. Friday, 30th January, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-WSW. 10-25	R. mild	Fine to cloudy, squalls on coast.	Good	R. rough
2. E. England	WSW-WNW. 15-20	"	Fine to cloudy.	"	Mod.
3. E. Midlands	WSW-W. 15	"	Fine	"	"
4. W. Midlands	W. 15	"	Fair	"	"
5. S.W. England	W-WNW. 20-35	Moderate	Fine to fair, squally.	Fair	Rough
6. South Wales	WSW-W. 15-25	"	Fair, local squalls.	"	"
7. North Wales	WSW-W. 25-35	"	Cloudy, local rain and squalls.	"	"
8. N.W. England	W. 25-40	"	Cloudy to dull, gale on coast.	"	"
9. N. Midlands	W. 15-25	"	Fair to dull.	Ord.	"
10. N.E. England	WSW-W. 10-30	"	Cloudy to dull, gale at Flamborough Head	"	Mod.
11. E. Scotland	W. 5-20	"	Cloudy or dull, local mist and showers.	Fair	"
12. S.W. Scotland	W. 15-25	"	Dull, local sleet & mist.	Ord.	R. rough
13. Isle of Man	NW. 25-30	"	Cloudy, squally.	Fair.	Rough
14. N. & N.W. Scotland	Var. 0-15	"	Dull, local mist, rain and squalls.	Indiff.	Smooth
15. Hebrides	NW. 0-10	R. cold	Dull.	Fair	Slight
16. Orkneys and Shetlands	Var. 10-15	Mod.	Cloudy or dull, local mist.	Indiff.	"
17. N.W. Ireland	W-NW 10-15	R. cold	Fair to dull; local rain	Fair	mod.
18. N.E. Ireland	W-WNW. 15-20	"	Cloudy or dull, local rain and squalls.	Fair	R. rough
19. S.E. Ireland	SW-W. 10-20	R. cold	Fair, local squalls.	Ord.	"
20. S.W. Ireland	W. 10-15	Mod.	Fine or fair.	V. good	Mod.

GENERAL INFERENCE from observations received up to 9 a.m.

A deep depression centred off the Aberdeen coast is moving away north-eastward. In its rear a temporary decrease of wind with fairer weather will be experienced. It is probable that other depressions will affect the weather on our western and northern coasts within the next twenty four hours.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.
TEMPERATURE.—Isobars are drawn at intervals of two degrees.
WEATHER SYMBOLS.—
 ○ clear sky. ○ sky & clouded. ○ sky & rain. ○ overcast sky. ○ rain falling. * snow. ▲ hail. ≡ fog. T thunder. R thunder & rain.
SEA DISTURBANCE.—High Rough

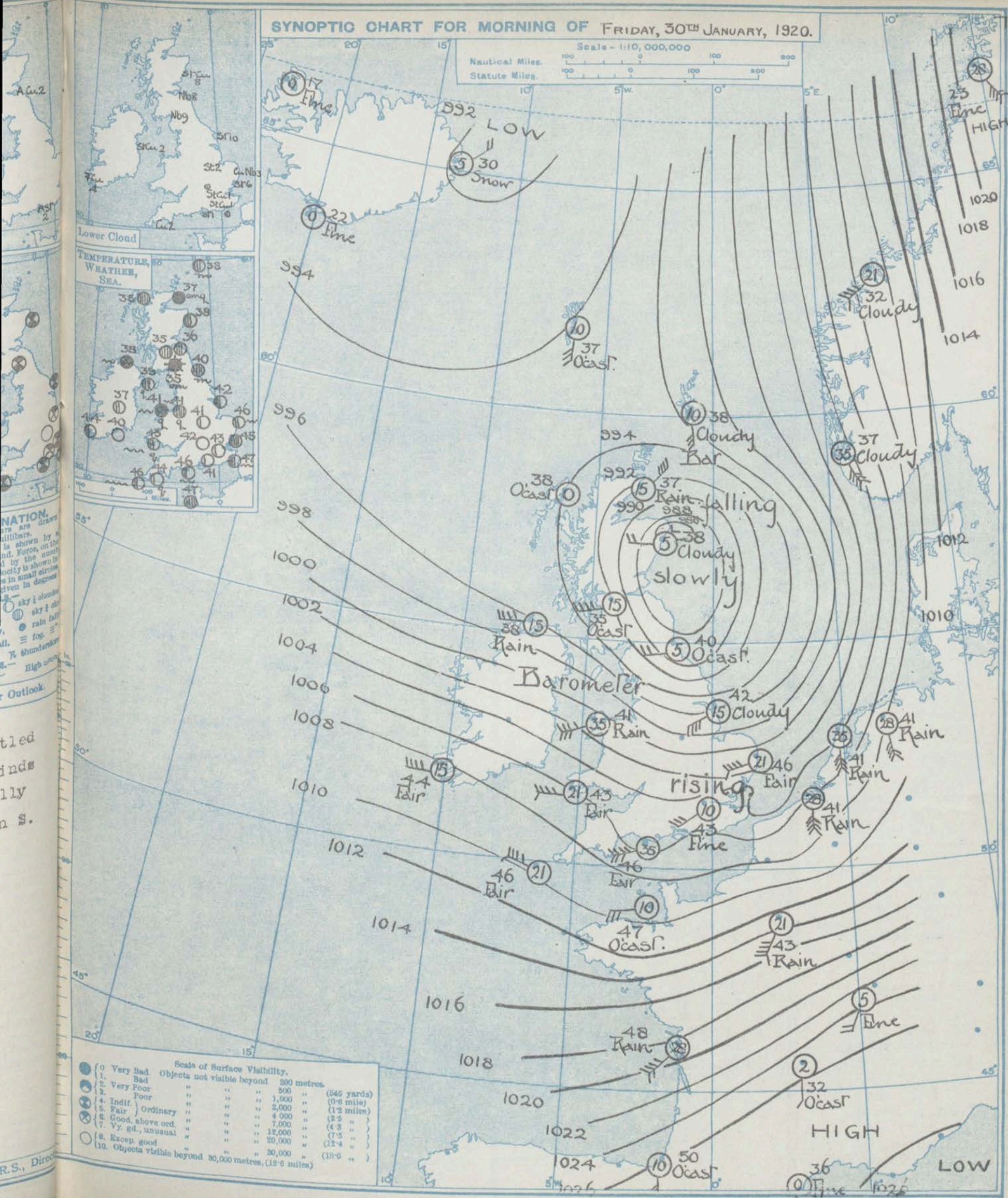
Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 30th January, 1920
1. S.E. England	Moderate or fresh SWly. or Wly. breezes, decreasing at night. Low cloud at times, considerable fair intervals, occasional showers locally not improbable. Visibility good to fair. Moderate temperature in day, colder at night.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate or fresh SWly. to Sly. breezes, decreasing temporarily. Low cloud at times, fair intervals, local showers. Visibility good deteriorating. Moderate temperature to rather mild.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Fresh to high Wly. or NWly. winds decreasing temporarily and backing to S. or SW. Changeable, squally, some showers. Good visibility then deteriorating. Moderate temperature to rather mild.
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind S. to SW. light or moderate increasing. Fair, becoming mainly overcast with low cloud and probably rain. Good visibility then deteriorating. Moderate temperature becoming mild.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

Unsettled with winds generally between S. and W.

SYNOPTIC CHART FOR MORNING OF FRIDAY, 30TH JANUARY, 1920.

Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200



Scale of Surface Visibility.

Symbol	Description	Distance (metres)	Distance (yards)
0	Very Bad	Objects not visible beyond 200 metres	
1	Bad	" " " 500 "	(545 yards)
2	Very Poor	" " " 1,000 "	(1,093 yards)
3	Poor	" " " 2,000 "	(2,187 yards)
4	Indif.	" " " 4,000 "	(4,374 yards)
5	Fair	" " " 7,000 "	(7,656 yards)
6	Good, above ord.	" " " 12,000 "	(13,120 yards)
7	Vy. gd., unusual	" " " 20,000 "	(21,600 yards)
8	Excep. good	" " " 30,000 "	(32,400 yards)
10	Objects visible beyond 30,000 metres (18.6 miles)		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29 th																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night.	Day.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night.	Day.	Sunrise to Sun- set.
						12h-9h.	9h-12h.								12h-9h.	9h-12h.	
						28 th	29 th	29 th							28 th	29 th	29 th
						mm.	mm.								mm.	mm.	
Scotland.	Oban	b. bc.	c. o	43	35	-	-	2.1	England, N.W.	Douglas (I.O.M.)							
	Banff	c	c	38	33	-	-	0.2		Blackpool	bc	c	43	35	7	-	3.9
	Montrose									Southport	c. bc. or c.	or c. bc. o	41	33	9	2	2.2
	St. Andrews	*	*														
England, N.E.	Harrogate	bc. b.	b. bc.	39	32	23	-	5.4	Midlands.	Buxton							
	Scarborough	f. o. bc.	b.	42	34	27	-	4.6		Leamington Spa	b. bc.	b. bc.	43	34	9	-	5.4
	Skegness	b	b	43	36	9	-	5.1		Malvern	b. bc.	z	40	33	17	-	4.1
										Ross-on-Wye	ost	r. ch	41	32	15	1	2.3
England, E.	Lowestoft	bc. q.	bc. q. c.	45	35	10	0.2	6.0	Wales.	Rhyl	c. bc.	bc	43	34	7	-	4.3
	Felixstowe	bc. q.	bc	44	40	7	-	5.7		Colwyn Bay	*	*	44	35	5	-	3.9
	Southend-on-Sea	b	bc	46	38	3	-	4.7		Llandudno	c. b.	bc.	43	36	6	-	2.8
										Aberystwyth	f. o. c.	c. o	44	40	*	*	2.5
England, S.E.	Tunbridge Wells	b. bc.	o. s. o.	45	35	1	2	3.3	England, S.W.	Weymouth	q. c.	c. o	44	38	1	0.2	1.9
	Margate	b	bc. c.	47	37	2	-	4.3		Teignmouth							
	Ramsgate	bc	bc	46	32	4	-	4.2		Torquay	bc. b.	bc. c.	46	37	3	-	4.2
	Folkestone	bc.	bc. o	48	37	2	-	2.9		Paignton	bc. h.	bc. q. r.	47	37	1	-	4.0
	Hastings	or. b. bc.	bc. q.	48	37	2	1	3.6		Penzance	c. bc.	c. o.	48	34	3	2	1.5
	Eastbourne	bc. c.	c. h. o. c.	46	40	2	1	3.3		Newquay	bc. v.	o. o.	45	39	2	1	1.7
	Brighton	b. bc. c.	c. h. o.	46	39	1	1	3.0		Bude	c. bc. h.	c	46	37	4	2	2.5
	Worthing	bc. c.	o	46	38	2	1	2.5		Ilfracombe	c. bc.	c. o.	45	37	6	1	1.7
	Littlehampton	bc. o.	h. q.	49	36	2	1	2.9		Weston-s-Mare	bc. c.	bc.	45	37	9	-	2.0
	Bournemouth	*	*	45	37	8	1	2.5		Bath	b. bc.	cd.	46	36	13	-	3.6
	Ventnor (I. of W.)	*	*	47	37	1	3	2.5									

STATIONS.		SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION. b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air: humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.		THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		7h-12h 24 ^h	12h-18h 24 ^h	18h-24h 24 ^h	1h-7h 30 ^h				Day. 7h-12h	Night. 12h-7h																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.						
		Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.								
		24 HOURS ENDED 9h G.M.T. 30 th							YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		30 th & 31 st January..... 1920				
												Stations.			Sunrise.		Noon.		Sunset.
Greenwich (Royal Observatory)		b	bc.o	o.m.o.b	47	38	34	5	5.3	67	76			G.M.T.		G.M.T.		G.M.T.	
City (Bunhill Row) ...		"	"	"	"	"	"	"	3.7	"	"			G.M.T.		G.M.T.		G.M.T.	
Westminster (St. James's Park)		bc	bc	o.o	49	39	33	6	5.5	66	77			G.M.T.		G.M.T.		G.M.T.	
" (Admiralty Arch)		b.m.g	bc.o	o.o.g.b	48	40	"	6	5.3	76	77			G.M.T.		G.M.T.		G.M.T.	
Camden Sq. (British Rainfall)		b	c.b	"	47	38	34	5	"	74	83			G.M.T.		G.M.T.		G.M.T.	
Kensington Palace ...		b	b.b	"	48	39	35	6	"	84 (2h)	80			G.M.T.		G.M.T.		G.M.T.	
Hampstead Observatory ...		-	-	o.o.r	46	36	31	6	5.4	"	82			G.M.T.		G.M.T.		G.M.T.	
												Total 432..... Joules.							
												Milliwatts.							
												Average Rate. 13.5							
												Maximum Rate. 30							

NOTES ON THE WEATHER OF YESTERDAY.

During the day a deep depression appeared off the west of Ireland. It moved north-eastward across the north of Ireland and Scotland. Winds again reached gale force at many stations. Portland Bill reported wind reaching force 9 at midnight.

Rain was general. At Calshot, in Hampshire, 16 mm. fell over the 24 hours ended 7 am., 14 mm. of this amount fell at night. Hail or sleet showers were general over the north of Ireland, the north of England and Scotland.

Sunshine amounts were variable, Yarmouth recorded as much as 7.2 hours and London (Kew Observatory) 6.6 hours. In Scotland and Ireland amounts were generally poor.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 24,553B

SATURDAY, 31ST JANUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 10, 7H, 13H AND 15H.																																							
STATIONS.	Barom. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	Barom. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.											
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.														
			13H. G.M.T. OF 30 TH										18H. G.M.T. OF 30 TH																										
Eskdalemuir ...	1001.8	+0	W	5	c	37	82	7	2-3000	St Cu	7	-	-	-	1009.6	+7	S	3	o	33	92	6	-	St	9	-	-	-											
Valencia (Cahire'n)	1010.5	+1	SW	1	o	45	72	8	2-3000	Cu	2	As	8	4	1006.1	-5	SE	5	of	43	87	7	1-2000	St	10	-	-	4											
Baldonnell ...	1010.1	+6	WSW	4	o	45	75	4	1-2000	Fr Cu	3	-	-	-	1011.5	+1	S	3	o	39	98	3	2-3000	St Cu	10	-	-	-											
Anglesey (Llangefni)																																							
Falmouth ...	1015.8	+4	W	3	c	48	65	6	-	Cu	4	As	5	-	1015.4	?	S	3	o	46	75	5	-	St	10	-	-	-											
Calshot (Hants) ...	1012.3	0	W	4	b	47	75	7	3-4000	Cu	3	-	-	3	1017.6	+6	WSW	1	bc	42	75	5	1-2000	St	3	ci. st	2	3											
Capel (Folkstone)																																							
Aberdeen ...	995.0	+11	WNW	6	o	38	62	7	-	Hb	9	-	-	4	1002.3	+8	WNW	5	b	38	75	7	-	-	-	-	-	-	4										
East Fortune ...	998.8	+11	W	6	bc	44	75	7	2-3000	St Cu	2	-	-	-	1006.2	+8	WSW	5	b, z	38	82	4	2-3000	St Cu	2	-	-	-											
Flamborough Hd.	1000.1	+6	W	8	bc	43	75	8	2-3000	St	3	-	-	2	1009.2	+8	WSW	5	c	37	75	6	-	-	As. st	7	-	-											
Felixstowe ...	1010.5	+4	SW	6	bc	44	65	6	1-1500	St Cu	4	-	-	5	1014.3	+6	SW	2	o	43	65	6	1-2000	St Cu	9	-	-	2											
Cranwell (Lincs)	1007.9	+8	W	6	c	42	75	7	2-3000	St Cu	7	-	-	-	1014.2	+4	SW	3	o	38	75	6	2-3000	St	6	As. st	3	-											
Shoeburyness ...	1010.1	+11	W	1	bc	46	75	5	5-7000	St Cu	3	As	2	-	1015.7	+7	W	1	of	41	75	1	-	-	As. st	10	-	-											
Benson ...	1010.8	+4	W	4	b	46	65	7	-	Cu	3	-	-	-	1015.7	+4	SW	1	b,	39	75	6	-	-	ci	2	-	-											
London (Kew Obs.)	1011.1	+6	WNW	3	b	47	65	7	2-3000	Cu	3	-	-	-	1016.7	+7	WSW	3	b, z	42	75	5	-	-	-	-	-	-											
1H. G.M.T. OF 31 ST															7H. G.M.T. OF 31 ST																								
Eskdalemuir ...	1010.4	0	-	0	o	31	98	5	-	St	4	As	6	-	1003.3	-8	SSE	4	odm	30	98	2	1-1000	St	10	-	-	-											
Valencia (Cahire'n)	1002.4	0	SW	3	o	51	-	-	-	-	-	-	-	-	1005.5	+3	WSW	6	op	40	75	7	-	St	10	-	-	-											
Baldonnell ...																																							
Anglesey (Llangefni)																																							
Falmouth ...	1013.6	+1	SW	7	o	52	92	4	-	Hb	10	-	-	-	1012.7	0	SW	7	o	52	-	2	-	Nb	10	-	-	-											
Calshot (Hants) ...	1015.5	-1	ESE	4	1/2	48	87	2	2-3000	St	10	-	-	3	1014.7	-1	SW	5	of	50	98	2	1-1500	Nb	10	-	-	6											
Capel (Folkstone)																																							
Aberdeen ...	1009.9	0	S	2	o	36	87	-	3-4000	St Cu	4	As	5	-	1002.4	-7	SSE	4	of	40	87	4	-	Nb	10	-	-	3											
East Fortune ...	1013.2	+1	SW	2	o	38	82	3	1-2000	St Cu	10	-	-	-	1001.7	-7	S	4	of	40	87	-	2-3000	Nb	10	-	-	-											
Flamborough Hd.															1008.8	-2	S	6	1/2	39	98	3	1-1500	Nb	10	-	-	-											
Felixstowe ...	1018.1	+1	S	3	o	37	92	5	2-3000	St	3	As	7	-	1014.7	-5	SW	4	o	44	92	5	1-1500	St	10	-	-	4											
Cranwell (Lincs)															1010.5	-6	SSE	5	o	41	92	7	1-1000	St Cu	10	-	-	-											
Shoeburyness															1014.7	-4	S	1	o	45	87	7	2-3000	St	10	-	-	-											
Benson ...															1011.9	-3	S	4	om	46	98	4	-	St	10	-	-	-											
London (Kew Obs.)	1017.8	0	-	-	-	-	-	-	-	-	-	-	-	-	1013.5	-3	SSW	3	om	47	98	5	2-3000	St Cu	7	As. st	3	6											
STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.																																							
STATIONS.	Barom. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir.	Force	Dir.	Force	Weather.	Sea 0-9.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.														
			at M.S.L. mb.	Change in 3 hours.		Temp.	Change in 24 hours.	Dir.	Force	Max. °F.	Min. °F.								Morning.	Afternoon.	Night.																		
			13H. G.M.T. OF 30 TH																7H. G.M.T. OF 31 ST										24 HOURS ENDED 7H. 31 ST										30 TH
Lerwick ...	994.5	37	NNW	4	omp	1002.0	-1	38	0	SW	2	-	bcu	1	-	41	35	omp	omp	bcu	-	-	-	-	-	-	-	-	-										
Sornoway ...	1002.9	35	WSW	2	c	990.5	-10	43	+5	S	6	-	opg	5	-	43	-	o. cf.	cf.	b. op	-	-	-	-	-	-	-	1.7											
Castellbay (Barra)	1005.3	40	W	4	b	991.3	-3	46	+6	S	5	-	op	6	-	46	37	b. bc. cf.	b. bc. cf.	b. bc. cf.	-	-	-	-	-	-	-	2.2											
Glasgow ...	1007.8	37	WSW	3	bc	1001.0	-8	39	+4	NNE	1	-	od	-	-	40	34	o. c. bc. c.	c. bc. b.	c. odg	-	-	-	-	-	-	-	4.5											
Mull Head ...	1006.3	40	WSW	3	c	994.1	-2	44	-	S	3	-	o	4	-	44	35	cf.	bc.	o	-	-	-	-	-	-	-	5.7											
Blacksod Point	1005.5	42	S	2	c	990.3	0	44	+5	W	5	-	cg	4	-	51	39	bc.	bch.	cg. dg.	-	-	-	-	-	-	-	-											
Roche's Point ...	1010.7	43	SSE	4	r	1006.0	0	48	+8	WSW	4	-	or	4	-	51	38	b. o.	or	o.	-	-	-	-	-	-	-	-											
Birr Castle ...	1009.1	40	S	1	c	1001.9	-	48	+11	SW	2	-	o	-	-	51	34	c	o	c. od. o.	-	-	-	-	-	-	-	4.7											
Donaghadee ...	1010.0	38	WNW	2	cm	1009.7	-5	40	+7	S	2	-	omd	2	-	46	36	bq.	bcu	omd	-	-	-	-	-	-	-	-											
Liverpool (Bidston)	1012.3	39	W	4	bc	1005.6	-3	41	0	SE	3	-	r	3	-	43	38	b.	bc.	or	-	-	-	-	-	-	-	4.3											
Holyhead ...	1012.0	43	SW	4	og	1003.8	-2	49	+8	SSW	5	-	orm	4	-	48	45	b. bc. cg.	c. bc.	c. odg	-	-	-	-	-	-	-	4.6											
Pembroke (St. Ann's Head)	1014.0	45	SW	3	ov	1008.0	-2	49	+6	SW	4	-	odf	5	-	49	43	b. c.	ev. ov.	on. odg	-	-	-	-	-	-	-	3.9											
Scilly (St. Mary's)	1013.9	47	S	4	o	1013.0	0	51	+5	SW	6	-	omr	6	-	57	44	b. c.	c. oe.	omd	-	-	-	-	-	-	-	0.9											
Jersey (St. Aubin)	1018.8	46	W	2	o	1018.7	0	51	+4	SW	4	-	od	3	-	51	45	b	bc. o	op. od.	-	-	-	-	-	-	-	4.5											
Portland Bill ...	1017.0	46	W	4	o	1013.5	-2	47	+1	SW	6	-	fe	0	-	48	44	bc.	bc. o	rfe	-	-	-	-	-	-	-	-											
Dungeness ...	1016.3	43	W	3	b	1015.0	-1	46	-1	SW	4	-	om	4	-	48	40	c. b.	b. bc.	bc. od. o.	-	-	-	-	-	-	-	-											
Wick ...	999.3	35	W	3	bc	998.9	-9	40	+3	S	4	-	omgr	3	-	40	35	omr. q.	om. bc.	b. bc. om.	-	-	-	-	-	-	-	-											
Nairn ...	1002.8	36	WNW	1	bc	996.2	-	40	+4	W	2	-	cg	1	-	40	31	h. r. c.	c. bc.	b. bc. c.	-	-	-	-	-	-	-	0.7											
Leith ...	1006.1	37	W	2	bc	1000.5	-4	40	+4	E	2	-	dm	2	-	41	35	c. bc. o.	bc. c. bc.	bc. od. m.	-	-	-	-	-	-	-	-											
Tynemouth ...	1007.8	38	W	3	b. m.	1005.4	-5	40	0	SSW	4	-	omr. q.	3	-	42	30	bc. q.	bc. q.	bc. m. om.	-	-	-	-	-	-	-	-											
Spurn Head ...	1013.9	38	W	6	bc. z.	1011.7	-8	40	-2	S	5	-	og	4	-	43	33	bc.																					

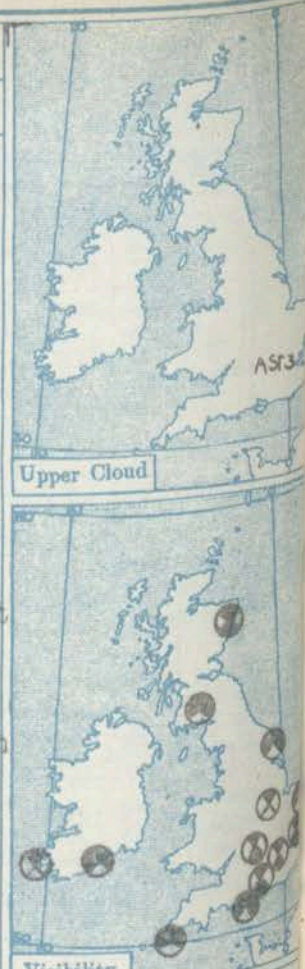
SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 31st Jan. 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SW. 10-25	Mild	Dull, misty, local rain and fog.	Poor	R. rough
2. E. England	SE-SW. 10-20	R. mild	Cloudy or dull.	Fair	Mod.
3. E. Midlands	S-SW. 10-15	"	Dull, local mist.	Ord.	-
4. W. Midlands	SW. 10-15	"	Dull, local mist and drizzle.	-	-
5. S.W. England	SW. 25-35	"	Dull, local rain, mist and fog.	V. poor	Rough
6. South Wales	SW. 15	"	Dull, local drizzle and fog.	"	R. rough
7. North Wales	SE-SW. 10-20	"	Dull, rainy, local mist.	Poor	Mod.
8. N.W. England	SE-S. 10-15	"	Dull, with rain or drizzle.	Indiff.	Slight
9. N. Midlands	S-SW. 10-15	"	Dull, local rain.	-	-
10. N.E. England	S-SSW. 15-25	Mod.	Dull, local rain and squalls.	Poor	Mod.
11. E. Scotland	Var. 5-15	"	Dull, misty, local rain or drizzle.	Indiff.	Slight
12. S.W. Scotland	" 2-10	"	Dull, misty, drizzle.	V. poor	Smooth
13. Isle of Man	S. 10	R. mild	Dull, misty, drizzle.	Poor	Slight
14. N. & N.W. Scotland	S-SW. 15-25	Moderate	Dull, misty, local rain.	Indiff.	R. rough
15. Hebrides	S. 25	R. mild	Dull, showery, squally.	Fair	"
16. Orkneys and Shetlands	S-SW. 5-15	Moderate	Fair to dull, misty.	Indiff.	Smooth
17. N.W. Ireland	SW-W. 10-20	"	Cloudy to dull.	Fair	Mod.
18. N.E. Ireland	S-SW. 5-15	Mild	Dull, misty, local drizzle.	Indiff.	Smooth
19. S.E. Ireland	SW-WSW. 5-10	"	Dull, misty, local drizzle.	"	Mod.
20. S.W. Ireland	SW-WSW. 10-25	R. mild	Dull, local mist and rain.	Fair	"

GENERAL INFERENCE from observations received up to 9 a.m.

A depression at present centred between Iceland and Scotland is moving north-eastward. The mild SWly. to Wly. current will be maintained with much low cloud, drizzle and light rain generally.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of 0.1 millibars.
WIND.—Direction is shown by an arrow pointing in the direction from which the wind is blowing. Force, on the Beaufort scale, is indicated by the number 0-12. Mean velocity is shown in feet per hour by figures in small circles.
TEMPERATURE.—Isobars are drawn at intervals of 1 degree.
WEATHER SYMBOLS.—sky; cloudy; clear sky; sky & cloudy; overcast sky; rain falling; snow; hail; fog; thunder; R. thunderstorm.
SEA DISTURBANCE.—Rough; High.

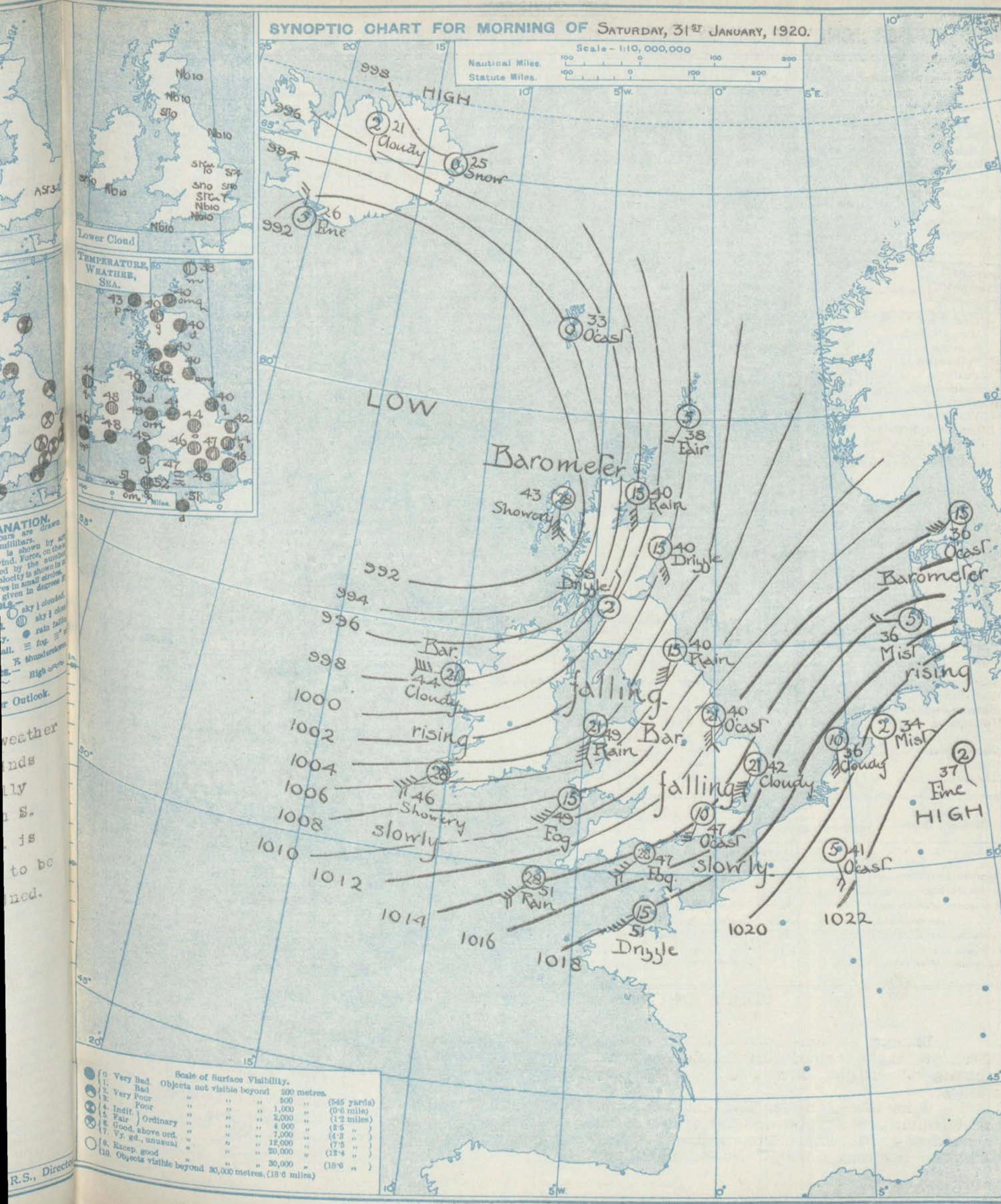


Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday, 31st January, 1920
1. S.E. England	Moderate or fresh SWly. breezes. Overcast, with low cloud, drizzle or light rain at times, mist locally, especially in hilly country. Poor visibility. Mild.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Wind SW. moderate, fresh at times. Mainly overcast, low cloud, drizzle or rain at times, perhaps fairer intervals. Local mist. Mild.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	Same as for 1-5
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Strong to high Sly. to Wly. winds. Overcast, low cloud, some rain, fairer intervals later. Indifferent to fair visibility. Rather mild.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Same as for 6-8
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.
Mild weather with winds generally between S. and SW. is likely to be maintained.

SYNOPTIC CHART FOR MORNING OF SATURDAY, 31ST JANUARY, 1920.

Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200



EXPLANATION.
Symbols are drawn
in millibars.
is shown by an
ind. Force, on the
ed by the number
velocity is shown in
es in small circles.
given in degrees F.
sky clouded.
sky & cloud
rain falling
fog
thunderstorm
High
Outlook.
Weather
nds
ly
s.
is
to be
ned.

Scale of Surface Visibility.

Symbol	Description	Distance	Feet	Miles
0	Very Bad	Objects not visible beyond	200 metres	
1	Bad	"	500 "	(546 yards)
2	Very Poor	"	1,000 "	(0.6 mile)
3	Poor	"	2,000 "	(1.2 miles)
4	Indif.	"	4,000 "	(2.5 ")
5	Fair	"	7,000 "	(4.3 ")
6	Good, above ord.	"	12,000 "	(7.5 ")
7	Vy. gd., unusual	"	20,000 "	(13.4 ")
8	Excep. good	"	30,000 "	(18.6 ")
10	Objects visible beyond	30,000 metres	(18.6 miles)	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 30 th																		
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 18h-9h.	Day. 9h-18h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 18h-9h.	Day. 9h-18h.	Sunrise to Sun- set.	
Scotland.	Oban ...	c.c. bch	c.	41	33	5	2	2.8	England, N.W.	Douglas (I.O.M.)								
	Banff ...	or. c.	bc. b.	39	31	4	1	0.8		Blackpool ...	c. bc	bc	44	32	3	-	5.5	
	Montrose ...	*	*	41	35	3	-	5.6		Southport ...	c. bc. b.	b. bc	43	35	2	-	5.2	
	St. Andrews ...	*	*	41	35	3	-	5.6										
England, N.E.	Harrogate ...	c. b. c. bp	b. bc.	40	32	4	1	3.8	Midlands.	Buxton ...	*	*	46	36	1	-	7.3	
	Scarborough ...	bc.	b	45	34	3	-	6.0		Leamington Spa ...	*	*	46	36	1	-	6.3	
	Skegness ...	c. b.	b. bc.	46	36	2	-	5.1		Malvern ...	bc.	c. o.	45	33	5	-	5.8	
										Ross-on-Wye ...	c. bc.	bc. c.	48	41	7	-	5.8	
England, E.	Lowestoft ...	b. bc.	bc	47	41	0.2	-	6.0	Wales.	Rhyl ...	bc.	bc. c. bc	44	36	2	-	4.6	
	Felixstowe ...	bcq.	cq	47	41	7	-	7.1		Colwyn Bay ...	*	*	43	37	3	-	5.6	
	Southend-on-Sea ...	or. bc. b.	bc. b.	47	38	4	-	4.3		Llandudno ...	*	*	51	36	7	-	5.4	
										Aberystwyth ...	o. c.	c. o.	45	41	1	-	5.3	
England S.E.	Tunbridge Wells	b	b	49	39	22	-	7.1	England, S.W.	Weymouth ...	bc	bc. c. o.	49	44	8	-	5.5	
	Margate ...	b	b. bc	48	39	6	-	5.7		Teignmouth ...	*	*	48	38	16	-	5.3	
	Ramsgate ...	b.	b.	50	40	8	-	6.5		Torquay ...	bc	bc. o.	48	38	14	-	4.9	
	Folkestone ...	v. o. b.	b. bc	48	42	18	-	6.7		Paignton ...	b	bc. o.	50	43	14	-	1.4	
	Hastings ...	or. b.	b	49	41	11	-	7.3		Penzance ...	bc. c.	c. bc. o.	50	43	7	-	3.7	
	Eastbourne ...	b	b	48	42	12	-	7.3		Newquay ...	b. bc	o. o. o.	47	43	3	-	4.5	
	Brighton ...	b	b. bc.	48	43	14	-	7.0		Bude ...	b.	bc. c. o.	51	43	1	-	4.5	
	Worthing ...	bc. b	b	48	39	15	-	7.0		Ilfracombe ...	by	bc. c. o.	47	40	6	-	4.6	
	Littlehampton	bc	bc	48	42	14	-	7.3		Weston-s-Mare ...	bc.	b.	47	40	2	-	5.5	
	Bournemouth ...	*	*	48	39	15	-	6.4		Bath ...	o. c.	bc. b.	48	41	3	-	4.7	
	Ventnor (I. of W.)	*	*	48	42	8	-	7.0										

STATIONS.		SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.		
		WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.			Used only for surface observations.		
		7h-13h ³⁰	13h-18h ³⁰	18h ³⁰ -1h ³⁰	1h-7h ³⁰				Day. 7h-18h	Night. 18h-7h				Limits of Velocity at about 30 feet above ground.		
												No.	Statute miles per hour.	Metres per second.		
Eskdalemuir ...		or. sm. c.	of. sh. c.	c. bc. c. b.	om. ed. m.	38	29	25	0.2	1	3.4	0	Less than 1	Less than 0.9		
Valencia (Cahirciveen) ...		bc. of. h.	o. or	o.	o.	53	42	40	3	4	0.0	1	1-3	0.3-1.5		
Baldonnel ...		39	c. oz.									2	4-7	1.0-3.2		
Anglesey (Llangefni) ...												3	8-12	3.4-5.1		
Falmouth ...		b. bc. c.	c. oz.	or. q.	og. r. q.	52	41	44	trace	6	2.0	4	13-18	5.5-7.9		
Calshot (Hants) ...		b. bc.	bc. c.	b. bc.	o.	50	41	37	-	1	6.7	5	19-24	8.9-10.7		
Capel (Folkestone)												6	25-31	10.8-13.9		
Aberdeen ...		c. of. h.	og. h. bc.	b. q. om. p.		40	33	28	trace	trace	2.0	7	32-38	13.9-17.1		
East Fortune ...		bc. c. q.	q. z.	bc. c. o.	c. o.	42	35					8	39-46	17.2-20.7		
Flamborough Head ...		bc. c. q.	q. bc. c.	q. bc. c.	q. o.	50	35					9	47-54	20.8-24.4		
Felixstowe ...		b. bc. q.	b. bc.	bc. c.	bc. c.	47	35					10	55-63	24.6-28.4		
Cranwell (Lincs) ...		v. b. bc.	bc. c. o.	c.	c. o.	44	35					11	64-75	28.6-33.5		
Shoeburyness ...		c. bc. m.	cm. om. af.	o. f. o.		47	35	33	-	-	5.2	12	Above 75	33.6 or above		
Benson ...		b. bc.	b.	c. om.		47	37	32	-	-						
London (Kew Obs.) ...		b.	b. bz.	cm. op. o.		47	41	35	trace	0.1	6.7					

BEAUFORT NOTATION.
b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. i lightning.
m mist. o overcast sky.
p passing showers.
q squalls. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew. x hoar frost.
y dry air; humidity less than 60 per cent.
z Just haze; the turbid atmosphere of dry weather.

Suffixes 0.1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

SYMBOLS -
Aurora ☄ Solar halo ☄
Kite ☄ Lunar halo ☄
Glazed frost ☄ Solar corona ☄
Glazed roads ☄ Lunar corona ☄

LONDON OBSERVATIONS.	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Glass °F.	Rain-fall. mm.	Sun-shine to Sun set. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF RISE, SET, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.											
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. M.T.								
	24 HOURS ENDED 9h G.M.T. 31 st								YESTERDAY. To-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.					31 st January & 1 st February 1920							
Greenwich (Royal Observatory)	b	b	bc.o.o.o	51	40	33	trace	6.3	69	2.	Total 45.7 inches. Average Rate 1.41 Maximum Rate 2.8	Yarmouth...	7.40	12.7	4.36								
City (Bunhill Row)	*	*	*	*	*	*	*	4.7	*	*						Greenwich	7.38	12.7	4.46				
Westminster (St. James's Park)	bc	bc	ed.or	52	41	33	0.4	6.2	60	30										Wick	8.24	12.20	4.31
" (Admiralty Arch)	bm.bc	bc.m.b	om.or.m.o	52	43	*	0.4	6.6	60	30														Valencia ...	8.25	12.55	5.25
Garden Sq. (British Rainfall)	b	bc	*	52	41	34	1	*	64	36													
Kensington Palace	b	b.bc	*	51	41	34	1	*	65 (90)	35													
Hampstead Observatory...	*	*	om.or	49	39	33	0.3	6.3	*	39													

NOTES ON THE WEATHER OF YESTERDAY.

Except in Scotland and the west of Ireland the day was mostly fair. Rain fell at night especially in the western districts. As much as 6 mm. fell at Falmouth during the night, 8 mm. fell at Blackod Point over the 24 hour period ended 7 a.m. today.

Many stations in England recorded more than 7 hours of sunshine. Littlehampton, Eastbourne, Hastings and Leamington had most with 7.3 hours. No sunshine was recorded at Valencia Observatory. Temperatures continued above normal, the highest maximum was 53° at Valencia.

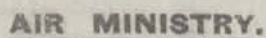
AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON: BRITISH SECTION. CORRECTIONS AND ADDITIONS, JANUARY, 1920.

II.—ADDITIONS (continued).

II.—ADDITIONS (continued).																						
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																						
Report for	STATION.	BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE		WIND.		Direc. of Upper Cloud.	Weather	Sea	RAIN-FALL. mm.	TEMP.		WEATHER.			Sunshine. Hours.
		at M.S.L. mb.	° F.	Dir.	Force 0-12.		At M.S.L. mb.	Change in 3 hours. ° F.	TEMP. Change in 24 hours. ° F.	Dir.	Force 0-12.	Max. ° F.					Min. ° F.	Morning.	Afternoon.	Night.		
		18H. G.M.T.						7H. G.M.T.									34 Hours Ended 7H.					
1st	Castlebay	990.3	38	NW	2	0	1000.4	+5	38	7	NW	3	-	0	?	2	40	31	op.be	bc.b	bs.pb	1.6
2nd	Castlebay	1003.8	39	NW	4	bc	1006.7	-1	37	-1	-	0	-	c	1	2	42	31	bcs.bc	bcs.bc	bc	2.2
3rd	Castlebay	999.8	42	SE	5	0	994.1	+2	40	+3	ESE	6	-	0	6	1	42	36	c.o	o	op.o	0.2
3rd	Nairn	"	"	"	"	"	999.0	"	30	-2	-	0	-	c	1	-	35	24	"	"	bc.c	1.7
4th	Castlebay	1001.5	39	ESE	5	0	1017.5	+7	41	+1	-	0	-	or	2	6	41	37	o	o	opr	0.1
5th	Castlebay	1031.3	41	NE	2	b	1037.3	+1	43	+2	SSW	4	SW	bc	4	1	43	38	T.os	cb	bc	0.0
6th	Castlebay	1031.7	42	SSW	6	0	1019.3	-4	47	+4	SW	5	-	op	6	2	47	42	bc.o	o	o.c.op	0.0
7th	Castlebay	1012.7	46	W	4	0	1003.2	-6	46	-1	SW	4	-	0	4	1	48	45	op.d	d.op.o	op.o	0.0
8th	Castlebay	982.0	50	SW	7	r	980.3	+24	40	-6	NW	5	-	op	6	8	50	38	or.	r.op	r.op	0.0
9th	Castlebay	989.1	36	NW	3	0	995.7	0	38	-2	WNW	4	-	0	4	9	40	32	opr.sp	oph.po	csp.co	0.2
10th	Castlebay	994.3	38	NW	3	op	983.1	-5	40	+2	ESE	4	-	0	4	2	41	34	o.be.he	chp.cpo	op.be.o	1.0
11th	Castlebay	984.1	37	-	0	b	963.7	-10	42	+2	SW	4	-	c	5	3	45	35	op.c	cb	b.o	1.4
12th	Castlebay	960.7	41	-	0	c	985.3	+8	44	+2	WNW	5	-	op	5	3	46	38	chp	hpc	tlr.joc	0.4
13th	Castlebay	987.9	39	N	2	or	997.8	+3	37	-7	-	0	-	r	2	4	46	37	op	oph.jor	r.op.r	0.0
14th	Castlebay	1002.5	35	NW	4	0	1017.7	+4	39	+2	W	4	W	olp	4	12	39	34	r	rso	o.bch.jp	0.1
15th	Castlebay	1017.6	39	SSE	5	or	1010.7	+4	49	+10	WSW	5	-	bc	6	2	49	37	hp.bc	bc.or	r.obc	0.3
16th	Castlebay	1014.5	49	SW	6	c	1014.4	-2	50	+1	SW	5	-	0	6	-	50	47	bc.o	o.c	c.obc.o	0.0
17th	Castlebay	1009.8	50	SW	5	r	1007.3	-2	51	+1	SW	5	-	op	6	5	51	48	or	r	rdr.op	0.0
18th	Castlebay	1011.7	48	SW	6	bc	1002.1	-5	49	-2	SW	5	-	op	6	5	51	44	op.r	r.o.be	bc.b.op	1.1
19th	Castlebay	1005.4	43	W	4	0	1004.8	0	40	-9	WNW	5	W	bc	4	1	49	37	op.o	o	shp.bc	0.0
20th	Castlebay	1008.1	40	W	4	bcp	1010.0	-3	46	+6	W	5	-	0	5	1	46	36	bcs.hc	bcp.bc	bc.jp.o	1.6
21st	Castlebay	1011.6	45	W	3	o	1011.5	+5	42	-4	W	6	W	bc	6	2	46	39	op.c.o	o	p.b.jp.be	1.0
22nd	Castlebay	1019.5	42	W	3	b	1008.5	-6	46	+4	S	5	-	op	6	0.4	46	38	bchp	b	b.op	2.9
23rd	Castlebay	1006.3	44	W	4	op	1006.0	-4	44	-2	S	5	-	0	6	5	47	39	op.b.o	op.r	r.op	0.0
23rd	Pembroke	1018.5	46	S	6	om												om	om			
24th	Castlebay	998.0	46	WSW	6	bcp	995.5	-3	43	-1	SE	4	-	0	6	2	47	41	or.op	op.bcp	bcp.l.b	0.0
25th	Castlebay	991.5	40	W	6	chp	999.8	+3	44	+1	S	7	-	op	7	1	44	35	o.chop	op.chp	bch.jp	0.5
25th	Liverpool						1019.6	+2	38	-7	SSW	3	-	b	2	0.4	50	36	op.bc	op.chp	c	3.1
26th	Castlebay	991.5	47	S	8	op	982.0	-4	40	-4	W	6	-	op	6	10	47	39	op	op	opr.op	0.0
27th	Castlebay	993.0	41	WSW	3	bcp	988.8	-7	41	+1	ESE	6	-	op	6	2	43	37	op.bc	bc.p	bc.op	3.5
27th	Roche's Pt.						987.5	-19	44	+3	SSE	10	-	or	7	8	45	38			bcp.or	r.
28th	Derwick	988.9	42	SE	9	omq	984.0	+4	42	+2	SE	8	-	omq	5	4	44	39	om	omq	omqr	2
28th	Castlebay	961.8	43	S	9	r	983.9	+6	42	+1	SW	5	-	op	6	10	47	39	opr	r	r.o.c.op	0.0
28th	Malin Head	967.6	42	SSW	6	cq.p	987.1	+4	34	-2	SSW	4	SW	cq	5	5	45	32	cq.p	cq	cq.p.s	1.0
28th	Blacksod Pt.						990.9	+6	38	-6	WNW	4	-	cq	5	19	48	30			cq.p.h	2
29th	Castlebay	990.0	40	WSW	4	bchp	995.0	+1	41	-1	SW	4	-	0	5	3	42	37	p.bcp	h.bchp	hch.op	0.8
30th	Castlebay	994.8	39	E	4	op	996.4	+4	40	-1	W	4	-	bc	4	2	44	37	o.bchp	bch.op	c.p.obc	3.0
31st	Castlebay	1005.8	40	W	4	b	991.3	-3	46	+6	S	5	-	op	6	2	46	37	bch.cpo	p.bch.b	bc.op	2.2
31st	Malin Head						994.1	-2	44	-	S	3	-	0	4	1	44	35			o	5.7

† The barometric change is expressed in half millibars.



I.—CORRECTIONS.

II.—ADDITIONS.

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

‡ The barometric change is expressed in half millibars.

2.1.8. 745. V/80

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