

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE, 1902.

DAILY WEATHER REPORT.

January to June 1902



SUPPLEMENT TO THE DAILY WEATHER REPORT.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE SIX MONTHS, JANUARY TO JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871-1900.	TEMPERATURE OF AIR. 1871-1900.								RAINFALL.		BRIGHT SUNSHINE	
		Means of				Absolute Extremes.				Means for		Means, 1881-1900.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Date.	Minimum.	Date.	Days with Rain.	Total Fall.	Average Duration.	Per cent possib.
JANUARY.	(Inches.)	°	°	°	°	°		°			(Inches.)	(Hours.)	
	Sumburgh Head.....	29.804	39.5	39.1	43.6	35.3	52	1898	19	1891	26	3.85	—
	Stornoway.....	29.709	39.3	38.4	48.1	34.2	65	1890	11	1881	25	4.87	14
	Malin Head.....	29.811	40.9	39.4	45.1	37.8	[65]*	[1898]	[23]*	[1894]	[22]*	[2.44]*	—
	Blackod Point.....	29.849	42.5	41.2	48.5	38.8	[69]*	[1894]	[25]*	[1893]	[23]*	[4.75]*	—
	Valencia.....	29.812	44.2	43.7	49.1	39.9	56	1876, 78	20	1894	24	6.10	22
	Roche's Point.....	29.929	43.0	41.7	47.5	39.2	57	1889	20	1894	20	5.14	—
	Parsonstown.....	29.912	38.5	37.5	45.2	33.9	57	1880, 98	6	1881, 94	20	2.91	52.0
	Donaghadee.....	29.872	40.0	39.1	44.5	36.0	58	1898	14	1881	20	2.80	—
	Liverpool.....	29.834	38.4	36.8	43.3	35.0	58	1898	9	1881	17	2.20	—
	Holyhead.....	29.915	41.6	40.2	45.3	38.4	55	1873	20	1894	19	3.23	—
	Pembroke.....	29.949	42.6	41.1	45.4	39.3	53	1899	19	1881, 94	20	3.71	54.1
	Scilly.....	29.972	46.3	44.6	48.8	42.5	57	1899	25	1894	21	3.50	—
	Jersey.....	30.026	42.0	40.4	46.0	38.3	57	1877, 99	12	1891	19	3.15	66.9
	Portland Bill†.....	[29.938]	[44.0]	[42.7]	[46.9]	[39.9]	—	—	—	[19]	[4.22]	—	—
	Dungeness.....	30.002	38.8	37.9	43.8	35.1	55	1878, 98	11	1893	17	1.87	—
	Wick.....	29.732	35.1	36.8	42.3	33.1	60	1898	— 4	1881	20	2.26	—
	Nairn.....	29.763	37.1	35.0	42.3	32.2	59	1887	5	1881, 1895	17	2.03	—
	Aberdeen.....	29.804	37.0	35.3	42.1	33.0	59	1898	4	1881	18	2.38	52.1
	Leith.....	29.837	38.4	37.0	44.1	33.6	58	1898	9	1881	15	1.75	23
	North Shields.....	29.885	38.1	36.8	43.0	33.8	58	1880, 98	6	1881	15	1.72	—
FEBRUARY.	Spurn Head.....	29.925	37.6	36.7	41.6	34.4	[55]*	[1898]	[13]*	[1881]	15	1.39	—
	Yarmouth.....	29.970	37.3	36.4	41.3	33.3	57	1899	10	1881	18	1.93	—
	Loughborough.....	29.971	36.1	35.1	42.8	32.1	[59]*	[1898]	[2]*	[1881]	17	2.04	—
	Oxford.....	30.001	36.9	35.8	42.9	33.5	55	1877, 99	7	1881	17	2.08	46.4
	LONDON.....	30.004	37.5	36.4	43.8	33.6	58	1876	9	1881	16	2.01	18.4†
	Sumburgh Head.....	29.759	38.6	37.2	42.2	34.4	51	1887, 91	17	1895	21	3.09	—
	Stornoway.....	29.760	39.0	38.0	43.8	34.2	55	1891	12	1892	21	3.84	62.8
	Malin Head.....	29.834	41.1	39.6	45.4	38.3	[59]*	[1891]	[20]*	[1895]	[17]*	[2.06]*	—
	Blackod Point.....	29.883	42.5	40.9	47.3	38.8	[68]*	[1891]	[23]*	[1895]	[20]*	[3.54]*	—
	Valencia.....	29.912	44.5	42.7	49.5	40.4	59	1891	22	1895	21	4.94	73.5
	Roche's Point.....	29.924	43.1	41.6	48.3	39.6	58	1877, 89, 96	25	1895, 1900	17	4.09	—
	Parsonstown.....	29.909	39.1	37.8	46.9	35.0	59	1891	6	1895	16	2.12	88.0
	Donaghadee.....	29.888	40.1	39.2	45.6	36.5	57	1897	16	1895	17	2.33	—
	Liverpool.....	29.838	38.6	37.0	44.5	35.7	62	1898	12	1895	15	1.71	—
	Holyhead.....	29.920	41.3	39.9	45.5	38.3	59	1891	17	1895	16	2.47	—
	Pembroke.....	29.944	42.0	40.8	45.5	39.2	53	1899	23	1895	17	2.68	77.6
	Scilly.....	29.958	46.0	44.3	49.0	42.5	57	1896, 99	27	1895	18	2.65	—
	Jersey.....	30.015	42.4	40.9	47.2	39.0	62	1891	18	1895	17	2.42	94.3
	Portland Bill†.....	[29.955]	[39.6]	[38.5]	[43.8]	[35.1]	—	—	—	[19]	[4.30]	—	—
	Dungeness.....	29.986	39.1	38.0	44.5	35.6	57	1897	11	1899	15	1.37	—
MARCH.	Wick.....	29.787	37.7	36.4	43.0	32.8	59	1878	2	1895	17	2.06	—
	Nairn.....	29.806	38.0	35.0	43.6	32.1	64	1891	0 (Zero)	1895, 97	14	1.60	—
	Aberdeen.....	29.845	38.9	35.1	43.2	33.2	64	1897	8	1895	17	2.30	75.2
	Leith.....	29.868	38.2	36.8	45.6	33.9	60	1882	12	1895	13	1.46	—
	North Shields.....	29.901	38.3	36.9	44.1	34.4	60	1898, 99	7	1895	14	1.50	—
	Spurn Head.....	29.932	38.2	37.3	42.5	35.5	[61]*	[1899]	[20]*	[1895]	13	1.35	—
	Yarmouth.....	29.962	38.0	37.0	42.5	34.1	58	1872, 98	15	1895	15	1.70	—
	Loughborough.....	29.967	36.6	35.5	45.4	33.0	[64]*	[1891]	[— 5]*	[1895]	13	1.75	—
	Oxford.....	29.991	37.4	36.3	45.2	34.9	64	1891	7	1895	14	1.80	68.1
	LONDON.....	29.994	38.3	37.0	45.8	34.7	66	1899	10	1895	14	1.69	32.8†
	Sumburgh Head.....	29.731	38.5	37.0	42.8	34.1	57	1893	18	1879	23	2.86	—
	Stornoway.....	29.767	39.2	38.2	45.0	34.2	58	1872	13	1881	23	3.48	103.9
	Malin Head.....	29.834	41.1	39.5	46.4	38.5	[62]*	[1894]	[26]*	[1895]	[19]*	[2.00]*	—
	Blackod Point.....	29.880	43.3	41.4	48.4	39.1	[64]*	[1894, 99]	[26]*	[1891, 1900]	[23]*	[3.47]*	—
	Valencia.....	29.927	44.8	42.7	50.9	40.1	66	1899	26	1899	20	3.92	132.3
	Roche's Point.....	29.930	43.4	41.5	49.7	39.6	61	1899	27	1899	14	3.26	—
	Parsonstown.....	29.920	39.9	38.5	49.8	34.5	66	1894	18	1891	16	2.23	110.8
	Donaghadee.....	29.876	40.8	39.6	47.5	37.0	65	1874	18	1892	18	1.96	—
	Liverpool.....	29.904	40.3	38.2	47.1	36.8	66	1871	21	1895	15	1.67	—
	Holyhead.....	29.901	42.1	40.5	47.3	38.8	67	1894	27	1891	16	2.22	—
APRIL.	Pembroke.....	29.926	42.2	40.6	46.6	39.1	58	1872, 99	26	1888	17	2.21	135.2
	Scilly.....	29.942	46.1	44.2	49.7	42.5	59	1893	30	1883, 90, 91	18	2.26	—
	Jersey.....	29.983	41.2	42.1	49.8	40.0	66	1871, 93, 94	21	1899	16	2.26	154.0
	Portland Bill†.....	[29.905]	[39.2]	[37.5]	[45.4]	[34.4]	—	—	—	[12]	[1.03]	—	—
	Dungeness.....	29.927	40.8	39.3	46.7	36.0	59	1894, 96	13	1899	14	1.88	—
	Wick.....	29.770	39.0	37.4	45.0	33.9	62	1894	10	1900	20	2.05	—
	Nairn.....	29.785	38.1	36.3	46.1	33.3	65	1884	6	1892	17	1.72	—
	Aberdeen.....	29.813	38.8	36.5	45.8	34.3	66	1889, 91, 92	10	1889	19	2.28	121.0
	Leith.....	29.840	39.4	37.0	48.0	34.5	68	1884	19	1879, 81, 89	15	1.42	—
	North Shields.....	29.863	39.3	37.7	46.3	34.8	64	1884, 93	15	1889	15	1.74	—
	Spurn Head.....	29.880	39.8	38.5	45.0	36.5	[62]*	[1890, 93]	[24]*	[1886]	14	1.21	—
	Yarmouth.....	29.904	40.2	38.0	45.3	35.3	62	1894, 89	18	1893	15	1.72	—
	Loughborough.....	29.922	38.4	36.8	45.7	33.8	[60]*	[1884, 93]	[15]*	[1883]	15	1.52	—
	Oxford.....	29.944	38.8	37.3	49.3	34.6	67	1884, 93	15	1891	13	1.47	116.8
	LONDON.....	29.942	40.1	38.1	50.1	35.3	71	1871	15	1899	13	1.49	68.0†

* These values are from observations made during the following periods:—Spurn Head and Loughborough, 20 years, 1881-1900; Malin Head and Blackod Point (Belmullet), 15 years, 1889-1900.
† The Sunshine values are for Westminster.
‡ The values for Portland Bill are for one year only—1900.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 1st January

1901.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 3 1/2' and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 3 1/2' Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
																				Ins.	Ins.
SCANDINAVIA.	Haparanda ...	29.50	7	ENE	2	o	29.67		5	4		E	4	o	*	7	0	*	—		
	Hernösand ...	29.54	26	E	2	s	29.44		32	32		E	4	o	*	32	23	*	0.79		
	Stockholm ...	29.52	39	Z	0	o	29.51		39	38		SSW	2	o	*	57	32	*	0.20		
	Wisby ...	29.62	42	SW	4	bc	29.63		41	39		SW	4	c	*	48	36	*	0.04		
	Karlstad ...	29.45	39	SW	2	o	29.49		37	35		WSW	4	c	*	o	*	*	0.04		
	Färder (X'ania Fjord) ...	29.38	41	SW	6	b	29.45	+05	39	39	-2	SSW	5	m	4	41	39	*	—		
	Bodö ...	29.46	28	ENE	7	c	29.32	-22	28	26	+3	ENE	6	o	2	28	23	*	—		
	Christiansund ...	29.17	41	WSW	2	+	29.21	+02	41	37	+2	WSW	1	c	5	43	37	*	0.20		
	Skudesnaes ...	29.40	45	SW	6	o	29.39	+14	42	41	-3	W	2	o	4	45	39	*	*		
	Sumburgh Head ...	29.19	43	W	5	c	29.25	+29	41	40	-4	NW	2	r	5	46	39	*	0.10		
BRITISH ISLANDS.	Stornoway ...	29.44	38	W	2	bc	29.42	+34	33	32	-11	WNW	2	b	2	46	31	2.2	0.16		
	Malin Head ...	29.53	44	WSW	4	bc	29.39	-08	42	42	-4	SW	2	cp	4	44	40	*	0.03		
	Blacksod Pt. ...	29.60	45	SW	3	bc m	29.38	-19	48	45	+2	SSW	6	ogm	5	48	44	*	0.01		
	Valencia ...	29.68	48	SSE	2	c	29.50	-21	49	46	+1	SSE	4	omg	5	50	47	0.0	0.02		
	Roche's Point ...	29.73	48	WSW	1	f	29.64	-12	47	45	-1	WSW	4	bp	4	50	44	*	0.10		
	Parsonstown ...	29.66	45	SE	1	o	29.56	-11	42	40	-3	SE	1	c	2	48	38	0.0	0.03		
	Donaghadee ...	29.65	44	W	2	c	29.55	+08	41	40	-6	SW	2	bc	3	47	37	*	0.02		
	Liverpool Obsy. ...	29.75	48	SSW	1	o	29.70	-01	42	41	-6	SW	2	b	2	51	42	*	0.26		
	Holyhead ...	29.72	48	SW	3	ogm	29.65	-05	45	44	-3	SW	3	c	2	49	44	*	0.03		
	Pembroke (St. Ann's) ...	29.74	50	SW	1	o	29.70	-11	49	47	-1	SW	5	bc	5	51	45	0.0	0.57		
GERMANY, &c.	Scilly (St. Mary's) ...	29.79	53	SSW	6	op	29.79	-06	50	48	-3	SSW	5	c	6	54	47	0.0	0.21		
	Jersey (St. Aubins) ...	30.07	52	S	5	og	29.98	-13	49	47	-3	SW	3	cm	3	55	48	2.5	0.17		
	Portland Bill ...	29.93	50	SSW	5	od	29.87	-09	48	48	-3	SW	4	cp	4	51	48	*	0.04		
	Dungeness ...	29.99	50	SW	5	o	29.89	-11	46	46	-5	W	3	c	4	51	41	*	0.04		
	Wick ...	30.39	41	W	1	b	29.34	+29	36	34	-7	W	2	bc	2	46	34	*	0.05		
	Nairn ...	29.47	40	W	2	bc	29.49	+43	34	33	-11	W	1	b	1	45	31	*	0.03		
	Aberdeen ...	29.51	40	SSW	2	b	29.48	+30	31	31	-14	WSW	1	bm	1	48	31	5.2	—		
	Leith ...	29.55	44	SW	3	b	29.50	+15	43	41	-4	SW	1	b	2	51	39	*	0.01		
	North Shields ...	29.64	47	SW	3	c	29.57	+05	43	43	-4	WSW	1	c	2	51	42	*	0.34		
	Spurn Head ...	29.75	47	SSW	5	c	29.67	-06	40	39	-6	SW	3	cf	2	50	39	*	0.33		
FRANCE.	Yarmouth ...	29.85	53	SSW	4	c	29.76	-08	43	41	-7	WSW	3	bc m	4	60	40	*	—		
	Loughborough ...	29.81	49	SW	1	+	29.75	-06	41	40	-7	SW	3	c	*	52	40	*	0.56		
	Oxford ...	29.83	52	S	4	o	29.82	-09	44	43	-7	SSW	3	b	*	53	43	*	0.05		
	London (Brixton) ...	29.92	52	WSW	5	op	29.86	-08	43	42	-10	WSW	3	c	*	54	42	0.0	0.05		
	The Scaw (Skagen) ...	29.49	45	W	7	c	29.52	+02	40	40	-5	SSW	3	m	1	46	40	*	—		
	Fanö ...	29.83	42	SW	6	bc	29.49	-22	42	42	-2	S	6	+	*	45	41	*	0.08		
	Cuxhaven ...	29.97	48	SW	4	o	29.71	-16	46	45	-3	SW	6	o	*	50	45	*	0.04		
	The Helder ...	29.92	48	SW	5	o	29.73	-15	45	43	-3	W	5	o	4	48	45	*	—		
	Brussels ...	*	*	*	*	*	29.93	-19	48	46	-4	SW	6	+	*	56	46	*	0.04		
	Berlin ...	30.08	52	SW	2	o	29.94	-06	42	41	-6	SW	2	b	*	54	41	*	0.04		
SPAN. PEN.	Frankfurt ...	30.20	48	SW	2	b	30.08	-15	41	39	-10	SW	2	b	*	54	41	*	—		
	Munich ...	30.32	38	SW	4	b	30.18	-23	33	32	-11	S	1	b	*	48	32	*	—		
	C. Gris Nez ...	*	*	*	*	*	29.98	-09	53	50	+1	SW	3	c	6	53	48	*	—		
	Brest ...	30.00	52	SW	4	o	30.02	-13	50	50	-2	SW	3	o	5	55	50	*	0.08		
	Lorient ...	30.11	52	SW	4	o	30.17	-10	45	45	0	S	2	bc	*	54	41	*	—		
	Rochefort ...	30.25	47	Z	0	b	30.14	-10	45	45	0	S	2	b	5	64	50	*	—		
	Biarritz ...	30.23	59	SSE	1	b	30.26	+04	50	49	-2	S	1	b	*	64	50	*	—		
	Paris ...	30.18	46	SSW	2	b	30.08	-14	43	42	-2	SSW	3	c	*	55	41	*	—		
	Belfort ...	30.28	47	ENE	2	b	30.21	-14	39	35	-5	SW	4	bc	*	55	36	*	—		
	Lyons ...	30.32	48	S	1	b	30.30	-13	39	37	+3	N	1	bc	*	53	36	*	—		
Nice ...	30.42	45	SW	2	b	30.33	-09	46	39	+5	Z	0	b	o	55	41	*	—			
Perpignan ...	30.37	45	Z	0	c	30.32	-07	46	45	+8	Z	0	o	*	55	38	*	—			
SPAN. PEN.	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Lisbon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Azores (P. Delgada) ...	30.21	54	N	3	b	30.23	+19	57	53	+3	SSW	1	c	2	61	52	*	—		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR Wednesday, 1st January, 1902.

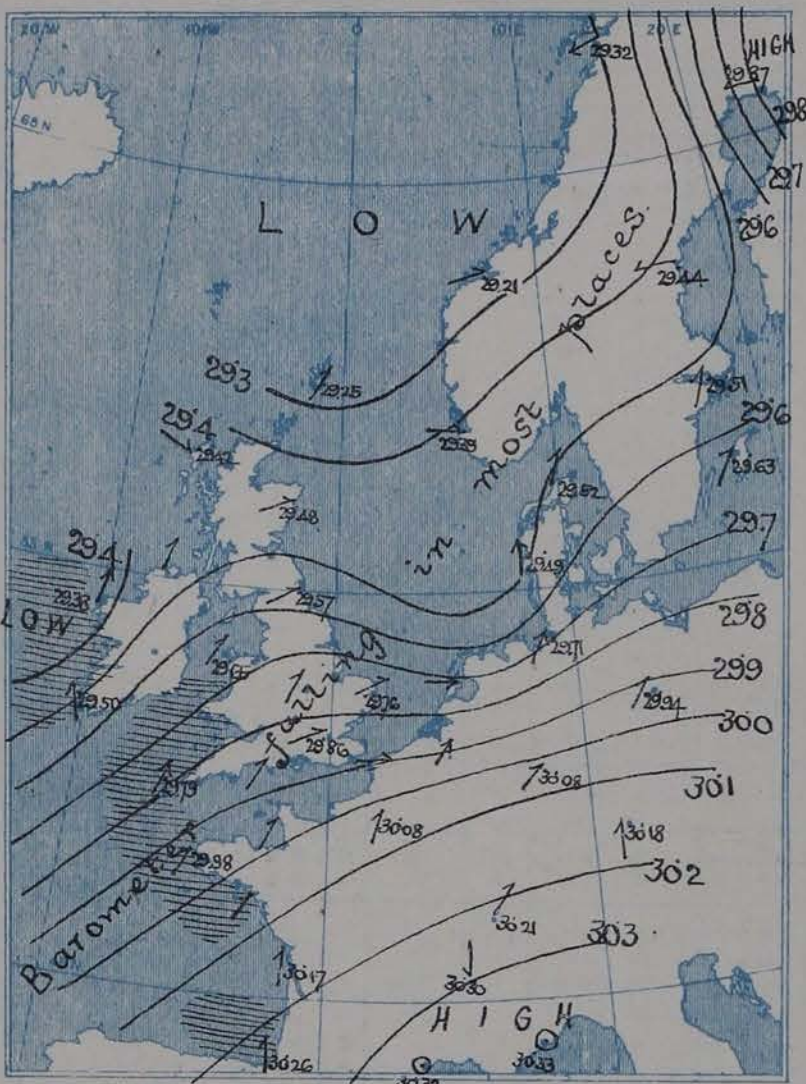
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

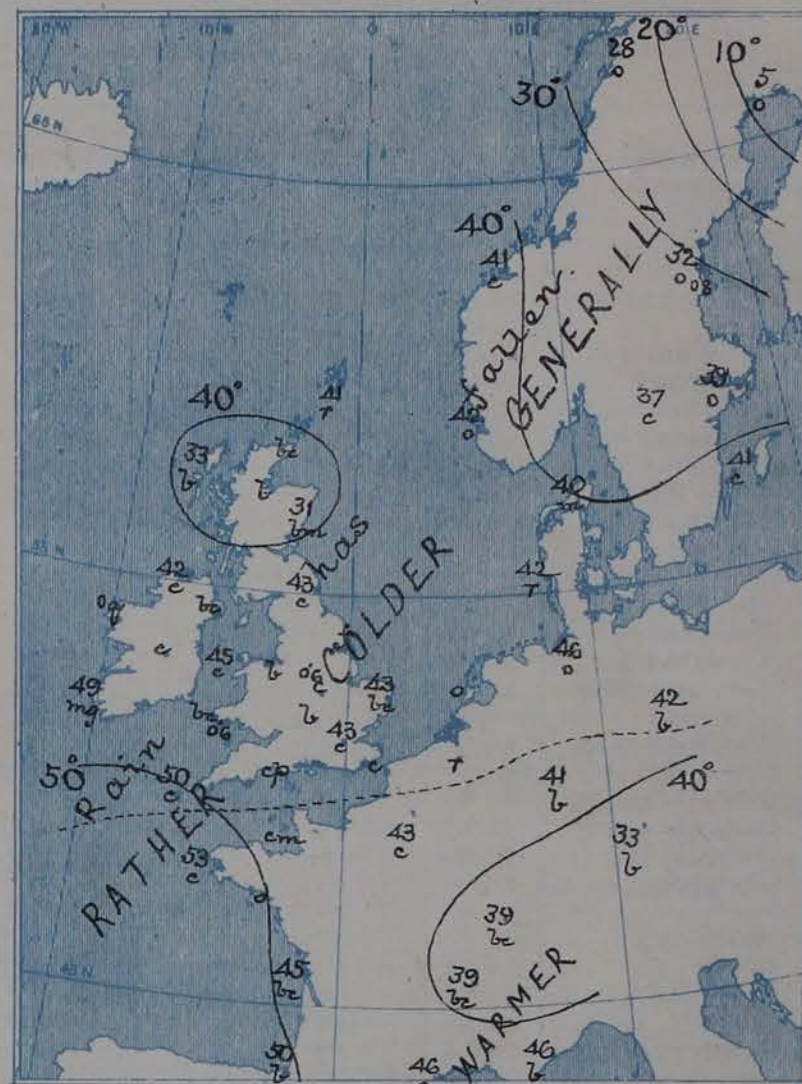


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

recorded in month of JANUARY (1871-1900).

Specimen { Highest Max. 58°
(for Shields) { Lowest Min. 6°

Main Head & Blacksoil Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

December - January (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure is highest, 30.3 in. and upwards, in the South of France, and lowest, 29.3 in. and less, in a large cyclonic system lying off the west of Norway. A new disturbance, with readings below 29.4 in. is approaching the west of Ireland and the barometer is falling in most parts of our islands, France, Germany and the Netherlands.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to fresh from the south-westward over Ireland, England, France, Germany and the Netherlands, from the southward in Denmark and the south of Scandinavia, and from the east over the Gulf of Bothnia and the north of Norway; at Valencia, however, it is moderate from south-south-east. In the north of Scotland it is light from the westward. Temperature has fallen generally, but is still high for the time of year excepting in Scotland, where the thermometer is, as a rule, very little above the freezing point; at Aberdeen the reading is only 31°. On all our southern and extreme western coasts the readings are above 45°, the highest reported being 50° at Scilly. Over central France and south Germany the thermometer is below 40°. The weather is at present fine over the greater part of our islands, France and Germany, but is dull and misty in the west of Ireland and showery at Roche's Point and Portland Bill. Dull weather is also reported over Scandinavia, Denmark and the Netherlands, with rain at Faro and Brussels. The sea is rough or rather so on our extreme western and southern coasts, as well as at Lumburg Head, but is slight or smooth elsewhere. During yesterday the thermometer rose to 50° and upwards in most parts of the United Kingdom, France and Germany and to 60° at Yarmouth. The amount of bright sunshine was everywhere small; at the majority of our stations there was none. Rain fell over our islands generally, the largest amount reported being 0.6 inch at Loughborough and Pembroke.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new disturbance which is approaching the Irish coasts is likely to travel in a north-easterly direction and to occasion further rains in all districts, with a considerable increase of wind from the south-westward over Ireland and England.

FORECASTS*

For the 24 hours ending at NOON on 2nd January, 1902.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Wind backing to the S ^W or SE ^W , and freshening; fair at first, rain or sleet later.
1	SCOTLAND EAST	
2	ENGLAND N.E.	S ^W to S ^E winds, freshening; fair at first, some rain later.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	S ^W winds, increasing in force; fair today, rain tonight or tomorrow.
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as NOS 0+1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S ^W and S ^W winds, increasing in force; fair at first, then squally and rainy.
9	IRELAND NORTH	
10	IRELAND SOUTH	
WARNINGS		At 7.10pm to District 5 and part of 8, and at 9.50am today, to district 9+10+the remainder of 8. "Hoist South Cone"

Note - The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.	Sun-	Rainfall
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max. Min.	shine.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	bc	*	c, o	48 40	0.0	0.02
Newton Reigny (Penrith)	29.69	45	WSW 4	r	29.60 +.03	41	40	-5	SW 1	c	*	og, r, c	47 39	0.0	0.14
Bath	29.81	50	SW 2	c	29.81 +.09	46	44	-6	W 1	bc	*	c	58 44	0.0	0.09

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	51	46	b	2.9	—	Worthing	*	*	*	0.2	*
Birmingham, 9 p.m.	*	*	*	*	*	Llandudno	*	*	*	0.3	*
Lowestoft, 6 p.m.	54	45	c	0.0	—	Rhyl	*	*	*	2.2	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	*	*	*	1.9	*
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	*	*	*	*	*
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	48	43	o, r	0.2	0.02

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) DEC 31 st 1901.	66	52	b. c	Ins.	Algiers ... DEC 31 st 1901.	66	50	b. c	—
Madrid	48	27	o. b	—	Tunis	63	43	c. c	—
Corsica (I. Sanguinaires)	55	43	m. c	—	Vienna	39	32	b. o	0.08
Rome	52	40	b. b	—	St. Petersburg	32	+1	o. s	0.04
Florence	49	32	b. b	—	Lugano	39	—	b	0.04
Trieste	50	39	bc	—	Davos	30	—	o	0.08
Brindisi	57	48	o. bc	0.35	Lucerne	41	—	bc	0.63
Naples	53	46	o. b	—	Lausanne	43	—	o	0.99
Palermo	64	46	o. o	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); p. falling snows; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.6	11.59	2.48
Greenwich	8.8	12.4	4.0
Wick	9.5	12.16	2.27
Valencia	8.51	12.45	4.38

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " " £1 10 0 " " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & Sons' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Thursday 2nd January 1902.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)											PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Force (0 to 12.)	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Force (0 to 12.)	Weather.	Sea (0 to 9.)	TEMP.			
		At 10 ⁰ and M.S.L.	Dry Bulb.	Direc.	Change since Yester- day.				Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Max.	Min.	Sun- shine. Hours				Rainfall. Ins.			
																				Ins.	Ins.	°
SCANDINAVIA.	Haparanda ...	29.80	-4	E	4	0	29.76	-11	-13	-14	-18	NE	2	b	*	0	25	?	*	-		
	Hernösand ...	29.35	28	E	4	5	29.48	+0.4	15	14	-17	Z	0	0	*	5	34	215	*	0.39		
	Stockholm ...	29.28	33	Z	0	5	29.37	-14	34	33	-5	WNW	2	0	*	5	39	28	*	0.35		
	Wisby ...	29.19	38	SE	6	0	29.44	-19	37	35	-4	W	4	0	*	0	48	37	*	0.47		
	Karlstad... ..	29.32	36	Z	0	f	29.37	-12	26	26	-11	NNE	2	f	*	f	*	*	-			
	Færder (X'ania Fjord)	29.37	37	WSW	4	b	29.32	-13	35	34	-4	Z	0	bc	3	6	39	34	*	-		
	Bodö ...	29.26	26	ENE	6	0	29.30	-0.2	25	23	-3	ENE	6	bc	3	0	28	21	*	-		
	Christiansund ...	29.45	40	WSW	6	+	29.25	+0.4	37	36	-4	W	2	0	5	+	41	36	*	0.63		
	Skudesnaes ...	29.40	42	W	4	c	29.14	-2.5	40	39	-2	E	6	0	4	tc	43	39	*	*		
	Sumburgh Head ...	29.25	39	Z	0	0	28.97	-2.8	42	41	+1	E	3	+	5	c, o	42	37	*	0.11		
BRITISH ISLANDS.	Stornoway ...	29.05	43	SE	5	0	28.85	-5.4	41	41	+8	E	4	bc	5	0	46	30	0.0	0.32		
	Malin Head ...	28.73	43	SSE	8	7.9	28.94	-4.5	47	46	+5	W	7	cq, p	5	7.9	47	42	*	0.16		
	Blacksod Pt. ...	28.79	49	SW	7	bc, qm	29.18	-2.0	49	46	+1	WNW	7	cq, m	6	7.9, bc	51	44	*	0.97		
	Valencia... ..	29.09	53	SW	5	og	29.47	-0.3	50	47	+1	SW	6	omg	6	7.9	53	47	0.0	0.43		
	Roche's Point ...	29.16	51	SW	7	+	29.40	-2.4	49	46	+2	W	5	c	4	+	53	44	*	0.46		
	Parsonstown ...	29.05	49	SE	3	+	29.24	-3.2	49	46	+4	SW	6	cq, q	*	+	51	40	0.0	0.56		
	Donaghadee ...	29.05	45	SSW	5	+	28.99	-5.6	45	43	+4	SW	3	cq, m	3	+	48	39	*	0.33		
	Liverpool Obsy. ...	29.31	45	SE	3	0	29.11	-5.9	45	44	+3	SW	8	+	5	c, p	50	42	*	0.14		
	Holyhead ...	29.14	47	SSW	8	7.9, qm	29.15	-5.0	48	47	+3	W	6	cp	5	7.9, qm	48	44	*	0.36		
	Pembroke (St. Ann's)	29.25	48	SSW	7	0	29.30	-4.0	50	46	+1	W	8	og, q	6	0, 4, p	51	46	0.3	0.26		
GERMANY, &c.	Scilly (St. Mary's)...	29.34	49	S	8	+	29.51	-2.8	53	52	+3	W	8	0	7	m, 7.9	53	48	0.0	0.29		
	Jersey (St. Aubins)...	29.78	51	SW	5	og, q	29.59	-3.9	53	51	+4	W	7	og, m	5	og, p	53	48	0.3	0.21		
	Portland Bill ...	29.59	48	SSW	5	p	29.38	-4.9	50	48	+2	W	8	cq	6	c, cp	50	48	*	0.35		
	Dungeness ...	29.68	50	SW	6	bc, p	29.31	-5.8	49	48	+3	W	7	c	5	c, bc, q	51	46	*	0.20		
	Wick ...	29.18	39	SE	4	c	28.88	-4.6	43	42	+7	E	4	0	3	c	45	36	*	0.12		
	Nairn ...	29.01	39	Z	0	b	28.83	-6.6	39	38	+5	W	1	0	1	b	42	30	*	0.04		
	Aberdeen ...	29.24	43	SSE	4	0	28.82	-6.6	40	39	+9	WNW	3	c	3	0, r	44	31	2.4	0.47		
	Leith ...	29.17	44	SSW	3	+	28.87	-6.3	44	42	+1	SW	3	bc, q	*	+	47	40	*	0.08		
	North Shields ...	29.36	45	SSW	3	0	28.92	-6.5	44	42	+1	W	4	b	2	c, bc, o	47	40	*	0.08		
	Spurn Head ...	29.46	43	S	5	+	29.04	-6.3	43	41	+3	WSW	5	+	4	7.9	48	39	*	0.09		
FRANCE.	Yarmouth ...	29.62	43	S	4	0	29.13	-6.3	46	44	+3	W	6	bc, q	4	b, o	47	40	*	0.12		
	Loughborough ...	29.49	45	S	3	0	29.16	-5.9	45	42	+4	WSW	6	cq, m	*	c, cp, qb	50	41	*	0.12		
	Oxford ...	29.39	48	SSW	5	0	29.26	-5.6	45	43	+1	SW	5	bc	*	dq, 7.9, b	52	44	*	0.25		
	London (Brixton) ...	29.58	50	SSW	5	c	29.32	-5.4	46	43	+3	W	5	b	*	cp, c, r	52	43	1.3	0.16		
	The Scaw (Skagen) ...	29.47	39	NW	3	bc	29.31	-2.1	39	39	-1	S	2	m	0	bc	41	37	*	0.55		
	Fanö ...	29.58	40	SSW	2	0	29.12	-3.7	43	41	+1	SE	6	+	*	0	43	40	*	0.32		
	Cuxhaven ...	29.78	44	W	4	0	29.15	-5.6	46	45	0	S	6	+	*	0	48	41	*	0.04		
	The Helder ...	29.75	45	SW	2	+	29.12	-6.1	47	45	+2	WSW	5	0	5	+	48	43	*	0.35		
	Brussels... ..	*	*	*	*	*	29.34	-5.9	50	48	+2	SW	5	+	*	+	51	46	*	0.24		
	Berlin ...	29.88	46	SW	2	bc	29.50	-4.4	44	43	+2	SSW	4	+	*	bc	48	41	*	0.04		
SPAN. PEN.	Frankfurt ...	29.95	48	SW	2	+	29.54	-5.4	46	45	+5	SSW	6	+	*	+	48	41	*	0.28		
	Munich ...	30.12	41	SE	2	b	29.31	-3.7	41	37	+8	SW	3	0	*	b	48	33	*	-		
	C. Gris Nez ...	29.78	50	SW	5	+	29.71	-2.7	53	53	0	WSW	6	f	6	+	?	?	*	0.35		
	Brest ...	29.99	52	SW	7	+	29.77	-2.5	54	54	+4	W	6	f	5	+	55	48	*	0.35		
	Lorient ...	30.13	50	SW	4	+	30.00	-1.7	53	52	+8	W	7	0	*	+	53	45	*	0.16		
	Biarritz ...	30.26	58	S	2	b	30.17	-0.9	57	51	+7	SSW	4	0	4	b	61	50	*	-		
	Paris ...	29.94	50	SSW	4	0	29.60	-4.8	52	51	+9	SW	5	0	*	0	52	43	*	0.04		
	Belfort ...	30.11	45	WSW	3	c	29.79	-4.2	40	40	+1	SW	8	+	*	c	49	39	*	0.08		
	Lyons ...	30.19	44	SSW	1	b	30.03	-2.7	43	42	+4	S	3	+	*	b	53	39	*	0.04		
	Nice ...	30.23	45	Z	0	b	30.02	-3.1	41	38	-5	SW	2	c	3	b	54	39	*	-		
SPAN. PEN.	Perpignan ...	30.26	50	S	2	0	30.15	-1.7	43	42	-3	S	1	0	*	0	55	42	*	-		
	Corunna ...	30.39	54	W	2	b	30.44	+0.8	49	48	+4	Z	0	f	*	b	57	45	*	-		
SPAN. PEN.	Lisbon ...	30.39	54	W	2	b	30.44	+0.8	49	48	+4	Z	0	f	*	b	57	45	*	-		
	Azores (P. Delgada)																					

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

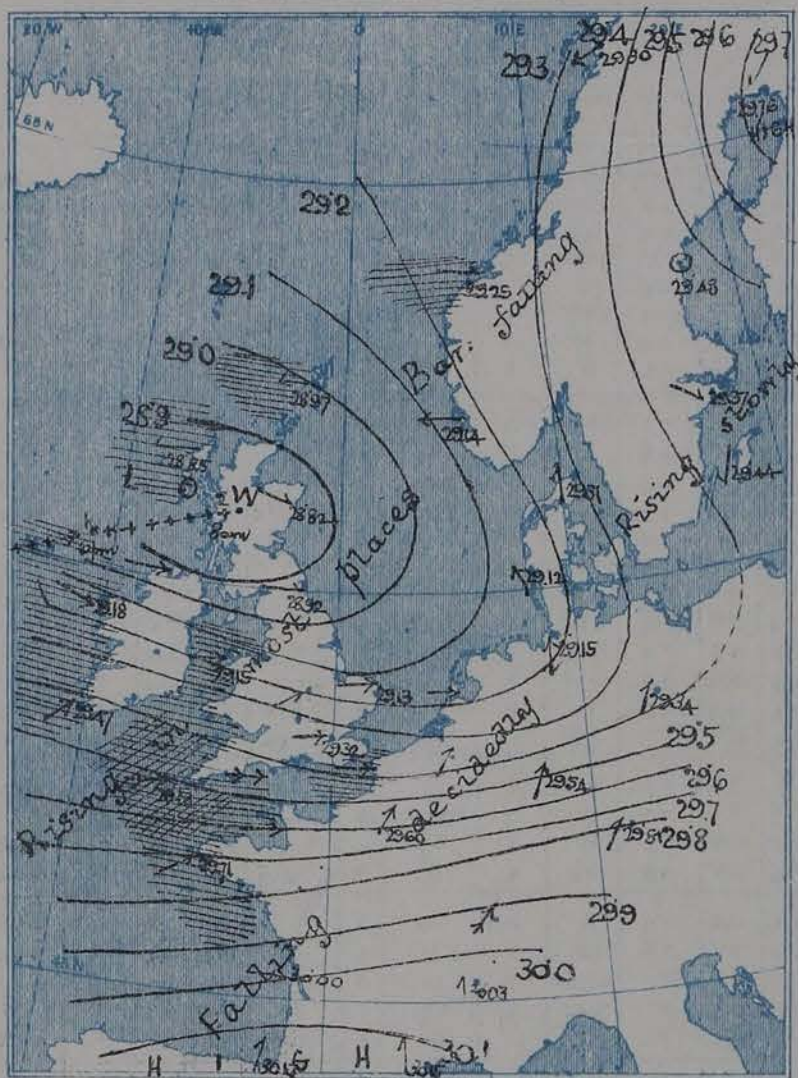
+ Observations received too late for insertion in Charts on next page.

FOR Thursday, 2nd January, 1902.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 $\rightarrow \rightarrow \rightarrow$: Force 5 to 7 $\rightarrow \rightarrow \rightarrow$: } Calm ☉
Force 8 to 10 $\rightarrow \rightarrow \rightarrow$: Force 1 to 4 $\rightarrow \rightarrow \rightarrow$:

SEA.—Rough : High 

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.— { A dotted line separates areas where rain has fallen from those
without rain. The fall in past 24 hours when exceeding half
an inch is shown thus—0·8



Yesterday morning.



Specimen	{	Highest Max.....	58°
(for Shields)		Lowest Min.....	6°

Malin Head & Blacksoil Belmullet Values are for only 15 Yrs



at 8 am. for the Two monthly period

December - January (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Another large cyclonic system has advanced over north-western Europe, its central area being at present situated over Scotland and the adjacent parts of the North Sea, where the barometer stands below 28.9 ins. After a very brisk fall yesterday, the mercury is now rising again in nearly all parts of the United Kingdom, but in the western parts of the Continent it is falling rather decidedly. The highest pressures, 30.0 ins. and upwards, are still found over the South of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is strong from the westward or south-westward over Ireland, England, France and the Netherlands, with gales on many parts of our western and southern coasts, and moderate to strong from the south-westward or southward in Germany; in the south of Norway and the extreme north of Scotland the wind is E. In the south of Sweden it is light to moderate from between north and west. Temperature has risen at all but the Scandinavian and Danish stations and remains high for the time of year over western Europe generally. Over the greater part of England and Ireland the thermometer ranges between 45° and 50°, but at Scilly it is as high as 53°; readings above 50° are also reported in the north and west of France, the highest being 57 at Biarritz. Over the northern parts of Sweden a severe frost has again set in, the thermometer at Haparanda standing 13° below zero Falt. The weather is cloudy and unsettled over western Europe generally, with rain at several of our own northern stations as well as in many parts of France, Germany, Denmark and the Netherlands; in the south of England, however, the weather is temporarily fine. The sea is high at Scilly and rough, or rather so, on most parts of our western, southern and extreme northern coasts.

During yesterday the thermometer rose to 50° and upwards at several of the English and Irish stations; in the north of Scotland it did not exceed 45°. No bright sunshine was reported at the Irish stations; over Great Britain it was fairly general, the largest amount reported being 4.2 hrs. at Lowestoft. Rain fell over nearly the whole of our area, the amount being as large as 1.0 inch at Blackcod Point and 0.7 inch at Valence.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance in the north is likely to disperse gradually. Small secondary systems will probably advance eastwards across Ireland and England and occasion squally, showery weather, with westerly gales on many parts of our western and southern coasts.

FORECASTS *

For the 24 hours ending at NOON on 3rd January, 1902.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
A 0	SCOTLAND NORTH	E ⁴ & NE ³ winds, freshening; cloudy, some cold rain or sleet.	A 6	SCOTLAND WEST	
A 1	SCOTLAND EAST	N ² to variable breezes; changeable, some cold showers.	A 7	ENGLAND N.W.	
A 2	ENGLAND N.E.	SW ⁴ & W ² winds, strong to a gale; mild, squally, some showers	A 8	ENGLAND S.W.	N ⁴ & SW ³ gales and strong winds, squally, showery.
A 3	ENGLAND EAST		A 9	IRELAND NORTH	
4	MIDLAND COUNTIES		A 10	IRELAND SOUTH	
A 5	ENGLAND SOUTH	N ² winds, strong to a gale; mild, squally, some showers.	WARNINGS		At 2.15 pm yesterday to districts 6 & 7, and at 3.10 pm to districts 0 to 3. "Hoist South Cone" The Signals are now flying on all coasts

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	b,c	50	38	2.9	—
Newton Reigny (Penrith)	29.37	45	W4	0	29.80	-.19	42	41	-2	SE 2	C	*	orm, rc, o	47	40	0.0	0.01
Bath	29.51	48	W1	b	29.98	+63	50	50	+4	WSW 1	0	*	7	53	46	1.2	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	49	42	C	3.0	0.42	Worthing	*	*	*	3.6	*
Birmingham, 9 p.m.	49	42	0	0.5	0.21	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	50	43	0	0.7	0.22	Rhyl	*	*	*	?	*
Hastings	*	*	*	3.6	*	Southport, 9 p.m.	48	43	r, o, c, o	0.5	0.25
Eastbourne	*	*	*	2.8	*	Manchester, 9 p.m.	47	39	0	0.5	0.23
Brighton	*	*	*	4.3	*	Darwen, 9 p.m.	46	41	o, v	0.0	0.23

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)				Ins.	Algiers				Ins.
Madrid					Tunis				
Corsica (I. Sanguinaires)					Vienna			Information	
Rome			Information		St. Petersburg				
Florence			not		Lugano	1 p.m.		not	Measured 7 a.m.
Trieste			received		Davos			received	
Brindisi					Lucerne				
Naples					Lausanne				
Palermo									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

3 Jan. 1901 ²	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.6	11.58	3.49
Greenwich	8.8	12.5	4.1
Wick	9.4	12.17	3.29
Valencia	8.57	12.46	4.40

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DAILY WEATHER REPORT

for 8 a.m. on Friday 3rd January

1902.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)											PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.					
																		Ins.			Ins.	°
SCANDINAVIA.	Haparanda ...	29.85	-20	N	2	6	29.91	+15	-11	-12	+2	Z	0	c	*	6	-4	-20	*	—		
	Hernösand ...	29.63	10	Z	0	0	29.77	+20	6	5	-9	Z	0	0	*	0	15	6	*	—		
	Stockholm ...	29.47	28	SE	2	0	29.66	+20	24	22	-10	NNE	2	0	*	0	36	24	*	—		
	Wisby ...	29.36	34	SE	4	6	29.53	+20	31	31	-6	NE	6	5	*	6	45	31	*	—		
	Karlstad ...	29.45	30	NE	4	0	29.74	+31	26	25	0	NNE	2	0	*	0	*	*	*	—		
	Færder (X'ania Fjord) ...	29.39	32	NNE	5	0	29.71	+30	31	28	-4	NNE	2	6	1	0	36	30	*	—		
	Bodö ...	29.38	22	ENE	4	0	29.49	+19	20	19	-5	ENE	6	6c	2	0	25	16	*	—		
	Christiansund ...	29.35	30	SE	2	6	29.56	+31	36	33	-1	WSW	1	0	4	6	37	30	*	—		
	Skudesnaes ...	29.25	41	E	4	0	29.70	+56	39	39	-1	NE	2	0	4	0	43	37	*	*		
	Sumburgh Head ...	29.27	43	E	2	0	29.50	+53	43	41	+1	S	4	0	1	0	44	37	*	0.02		
BRITISH ISLANDS.	Stornoway ...	29.30	43	Z	0	0	29.37	+52	47	45	+6	SW	8	+	8	0	47	34	0.0	0.02		
	Malin Head ...	29.40	47	W	6	6cpg	29.55	+61	50	50	+3	SSW	5	tm	4	c, 6cpg	50	47	*	0.02		
	Blacksod Pt. ...	29.58	48	W	3	6m	29.62	+44	52	51	+3	SW	7	om	5	om, 6	52	46	*	0.05		
	Valencia ...	29.73	52	WSW	2	om	29.89	+42	53	52	+3	SSW	5	tmg	5	om, 0	53	50	0.5	0.09		
	Roche's Point ...	29.68	52	WNW	3	c	29.94	+54	50	50	+1	WSW	2	+	4	6, c	53	48	*	0.01		
	Parsonstown ...	29.62	47	W	3	6	29.82	+58	52	51	+3	SW	2	om	*	6, c	52	45	0.0	0.04		
	Donaghadee ...	29.41	47	NW	7	6	29.74	+75	47	46	+2	SW	1	0	2	6	49	43	*	—		
	Liverpool Obsy. ...	29.45	47	WSW	8	6c	29.87	+76	45	43	0	S	2	0	?	6, 6c	48	44	*	0.01		
	Holyhead ...	29.55	49	W	6	0	29.82	+64	48	48	0	SSW	4	ogm	3	c, 0	49	46	*	—		
	Pembroke (St. Ann's) ...	29.67	47	W	4	6	29.91	+61	50	49	0	WSW	4	fd	5	6	52	45	0.3	0.01		
GERMANY, &c.	Scilly (St. Mary's) ...	29.74	53	W	6	+	30.03	+52	52	52	-1	W	5	m	6	+	54	47	0.0	0.04		
	Jersey (St. Aubins) ...	29.78	52	WNW	6	od	30.11	+52	52	51	-1	W	3	odf	3	rgm, od	54	51	0.0	0.18		
	Portland Bill ...	29.63	50	WNW	6	6g	29.99	+61	50	50	0	W	3	c	3	6g, 6	51	49	*	—		
	Dungeness ...	29.55	49	W	5	c	30.01	+70	42	42	-7	WNW	2	6	3	c	52	41	*	—		
	Wick ...	29.24	43	Z	0	0	29.49	+61	44	42	+1	SSE	3	c	3	0	45	37	*	0.05		
	Nairn ...	29.26	42	Z	0	+	29.59	+76	43	41	+4	Z	0	c	1	+	43	36	*	0.10		
	Aberdeen ...	29.25	41	WNW	2	og	29.65	+83	39	38	-1	SSW	2	og	2	og	43	36	0.0	0.01		
	Leith ...	29.22	45	WSW	2	0	29.69	+82	46	44	+2	SSW	1	0	*	0	48	42	*	—		
	North Shields ...	29.26	47	W	3	0	29.78	+86	42	41	-2	W	1	om	2	c, 0	49	40	*	—		
	Spurn Head ...	29.32	45	WSW	6	0	29.85	+81	39	38	-4	W	3	6c	1	0	47	38	*	—		
FRANCE.	Yarmouth ...	29.34	48	W	6	c	29.87	+74	42	40	-4	WNW	2	6	3	c	49	40	*	0.02		
	Loughborough ...	29.44	49	WNW	6	0	29.93	+77	42	41	-3	SSW	1	6m, w	*	cp, 6g, 6	49	42	*	0.09		
	Oxford ...	29.64	48	W	3	0	29.98	+67	46	45	+1	SW	2	c	*	0	52	41	*	—		
	London (Brixton) ...	29.55	50	WNW	4	6c	29.99	+67	40	39	-6	WSW	1	6	*	6, 6c	51	39	1.0	—		
	The Scaw (Skagen) ...	29.23	37	E	5	+	29.65	+34	34	34	-5	NE	3	0	1	+	43	34	*	0.20		
	Fanö ...	29.21	41	W	2	0	29.65	+53	38	37	-5	NNE	4	0	*	0	45	37	*	0.39		
	Cuxhaven ...	29.21	44	WSW	4	0	29.55	+40	42	41	-4	NNW	5	0	*	0	46	41	*	0.16		
	The Helder ...	29.32	46	W	4	c	29.77	+65	45	44	-2	NNW	4	0	6	c	47	43	*	0.08		
	Brussels ...	*	*	*	*	*	29.95	+61	45	43	-5	WNW	3	0	*	+	51	45	*	0.12		
	Berlin ...	29.29	45	SW	4	0	29.45	-05	45	43	+1	W	4	0	*	0	48	43	*	0.20		
SPAN. PEN.	Frankfurt ...	29.56	48	SW	6	c	29.76	+22	46	44	0	SW	6	0	*	c	50	45	*	0.35		
	Munich ...	29.67	46	SW	7	0	29.92	+11	43	40	+2	SW	7	0	*	0	48	41	*	0.16		
	C. Gris Nez ...	29.56	49	W	6	0	29.92	+58	49	48	-1	NNW	4	c	4	0	52	45	*	—		
	Brest ...	29.93	50	W	5	f	30.15	+44	51	50	-2	W	5	f	5	f	53	50	*	0.04		
	Lorient ...	29.97	51	W	6	f	30.19	+42	51	51	-3	WNW	4	f	5	f	55	46	*	0.24		
	Rochefort ...	30.48	51	W	7	+	30.27	+27	50	50	-3	WNW	2	+	*	+	54	48	*	0.12		
	Biarritz ...	30.25	56	WSW	5	+	30.37	+20	53	53	-4	W	4	+	5	+	59	52	*	0.24		
	Paris ...	29.76	52	WNW	3	0	30.05	+45	50	47	+2	WNW	3	0	*	0	55	50	*	—		
	Belfort ...	29.65	47	WSW	8	+	29.99	+20	45	42	+5	WSW	6	0	*	+	49	40	*	0.16		
	Lyons ...	30.05	46	S	2	+	30.13	+10	48	45	+5	W	1	0	*	+	52	42	*	0.16		
Nice ...	29.81	46	W	1	6c	29.82	+20	42	41	+1	E	2	6	2	6c	54	41	*	—			
Perpignan ...	30.10	58	NW	4	c	30.08	-07	59	53	+16	NW	6	6	*	c	62	?	*	—			
SPAN. PEN.	Corunna ...																					
	Lisbon ...	30.45	56	N	2	0	30.38	-06	53	51	+4	N	4	0	*	0	59	49	*	—		
Azores (P. Delgada) ...																						

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR FRIDAY, 3rd JANUARY, 1902

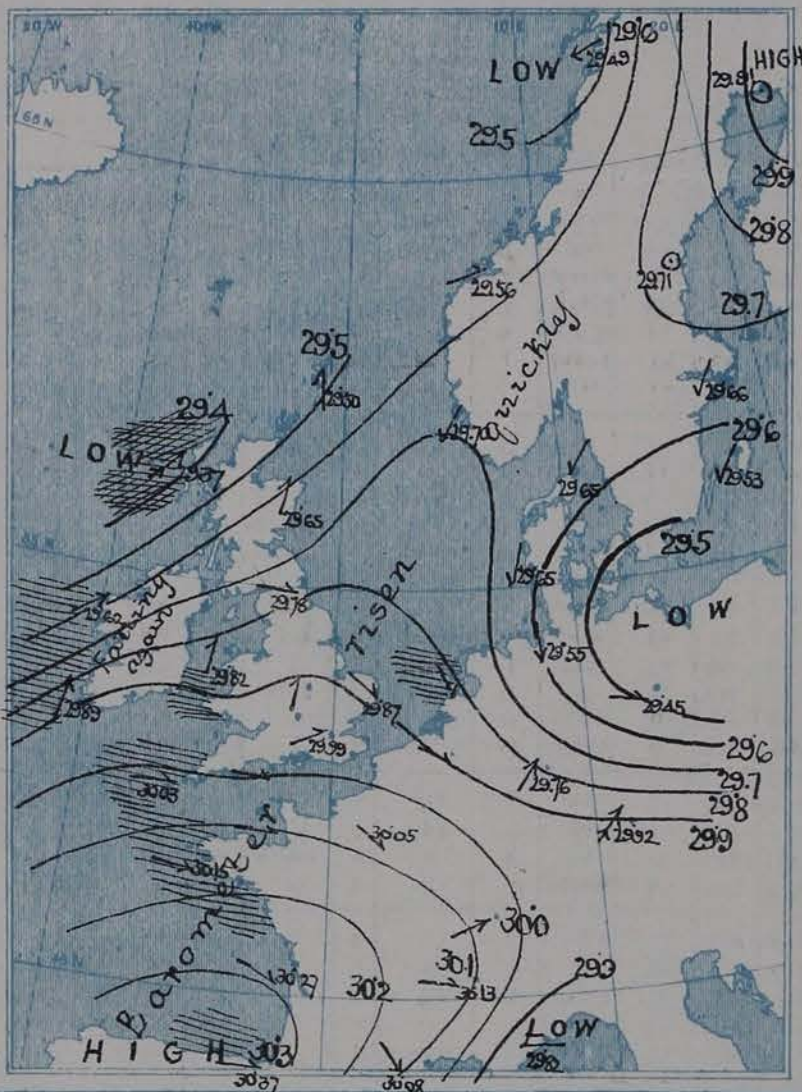
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough ≡ : High ≡



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure remains highest over the Bay of Biscay and west of France, but is low off our north-west coasts and also over central Germany. Although a recovery is in progress in most places, the mercury is again falling in the west of Ireland. Readings range from 30.37 ins. at Bismarck to 29.37 ins. at Stornoway, and 29.45 ins. at Berlin.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is extremely variable both in direction and force, but is mainly Westerly at the southern stations, South-westerly over the British Isles, and Easterly to North-easterly in Scandinavia. It is again blowing a gale at Stornoway and very strong South-westerly to Westerly winds are reported from South Germany. Temperature is fluctuating greatly, but is, on the whole, high for the time of year - especially in Ireland. The weather remains in a most unsettled state and though bright at present over the eastern half of England, is rainy in Ireland and the west of Scotland. The sea is rough in the west.

During the past 24 hours there has been some rain in most places. Temperature rose to between 54° and 50° over the southern and south-western parts of the Kingdom, but fell fast again at night at the English stations. Of bright sunshine there was very little, except on the south coasts of England.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very changeable mild weather is still probable over the United Kingdom and its neighbourhood generally. South-westerly gales are probable in most places and rain frequently, with mild temperature.

FORECASTS *

For the 24 hours ending at NOON on 4th January, 1902.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

SW^g gales and rain; mild.

SW^g winds increasing in force; fine at first, rainy later.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as No. 0

Same as Nos 1 to 5.

S^g + SW^g gales and strong winds. Rainy, very unsettled.

WARNINGS

Signals lowered last evening in districts 1, 2, 3 + part of 0. South Cone re-hoisted in Ireland this morning.

Note - The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	b, c	50	38	2.9	—
Newton Reigny (Penrith)	29.37	45	W 4	0	29.80	-.19	42	41	-2	SE 2	C	*	om, r, c, o	47	40	0.0	0.01
Bath	29.51	48	W 1	b	29.98	+63	50	50	+4	WSW 1	0	*	7	53	46	1.2	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	49	42	c	3.0	0.42	Worthing	*	*	*	3.6	*
Birmingham, 9 p.m.	49	42	0	0.5	0.21	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	50	43	0	0.4	0.22	Rhyl	*	*	*	?	*
Hastings	*	*	*	3.6	*	Southport, 9 p.m.	48	43	r, o, c, o	0.5	0.25
Eastbourne	*	*	*	2.8	*	Manchester, 9 p.m.	47	39	0	0.5	0.23
Brighton	*	*	*	4.3	*	Darwen, 9 p.m.	46	41	o, v	0.0	0.23

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STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)				Ins.	Algiers				Ins.
Madrid					Tunis				
Corsica (I. Sanguinaires)					Vienna			Information	
Rome			Information not received		St. Petersburg				
Florence					Lugano	1 pm		not	Measured 7 a.m.
Trieste					Davos			received	
Brindisi					Lucerne				
Naples					Lausanne				
Palermo									

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Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Ins.	Dry Bulb.	Direc.		Force (0 to 12.)	Weather.	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.			Force (0 to 12.)	Weather.			Max.	Min.
SCANDINAVIA.	Haparanda ...	29.84	-1	NE	2	o	29.34	-5.7	72	72	+1.9	SW	6	S	*	o	-1	-31	*	0.08		
	Hernösand ...	29.76	10	Z	0	o	29.11	-6.6	25	24	+1.9	S	4	o	*	o	7	6	*	0.28		
	Stockholm ...	29.90	23	Z	0	o	29.32	-3.4	32	32	+8	SSW	4	S	*	o	32	19	*	0.20		
	Wisby ...	29.91	30	N	6	S	29.53	0.00	35	34	+4	SW	8	+	*	S	39	28	*	0.24		
	Karlstad ...	29.82	30	NE	2	o	29.26	-4.8	37	36	+1.1	SW	2	o	*	o, +	*	*	*	0.12		
	Færder (X'ania Fjord)	29.76	37	W	4	o	29.30	-4.1	39	38	+1.8	SW	5	m	4	o	39	22	*	0.03		
	Bodö ...	29.39	21	ENE	4	c	28.70	-4.9	19	18	-1	ENE	6	S	2	c	25	14	*	—		
	Christiansund ...	29.17	41	SW	4	o	28.93	-6.3	39	37	+3	WSW	9	+	6	o, l	41	36	*	0.24		
	Skudesnaes ...	29.56	41	SW	10	+	29.37	-3.3	44	42	+5	WSW	8	b	6	o, +	45	39	*	*		
	Sumburgh Head ...	29.17	46	WSW	6	c	29.10	-4.0	42	40	-1	WSW	5	c	6	+, c	46	39	*	0.21		
BRITISH ISLANDS.	Stornoway ...	29.34	45	W	5	b	29.26	-1.1	42	40	-5	W	5	shg	6	+, o, b, l	53	40	0.0	0.22		
	Malin Head ...	29.51	49	SSW	7	cq	29.53	-0.2	45	43	-5	SSW	7	o	5	cq	50	44	*	0.14		
	Blacksod Pt. ...	29.71	50	SW	6	om	29.70	+0.8	47	43	-5	WSW	6	om	5	om	52	46	*	0.02		
	Valencia ...	29.90	51	SW	3	omd	29.88	-0.1	47	44	-6	SW	4	om	5	m, omd	53	47	0.0	0.22		
	Roche's Point ...	29.94	50	WSW	4	mm	29.89	-0.5	47	46	-3	NW	4	+	4	+, om	52	46	*	0.15		
	Parsonstown ...	29.80	52	SW	3	+	29.79	-0.3	45	42	-7	SW	2	o	2	od	52	44	0.0	0.05		
	Donaghadee ...	29.69	53	W	2	o	29.66	-0.8	46	44	-1	WSW	2	cq	2	o	53	44	*	0.08		
	Liverpool Obsy. ...	29.86	50	SW	5	bc	29.77	-1.0	45	44	0	WSW	3	+	3	bc	53	45	*	0.08		
	Holyhead ...	29.84	49	SW	5	ogm	29.79	-0.3	47	46	-1	WSW	3	odp	2	om, ogm	50	46	*	0.09		
	Pembroke (St. Ann's)	29.96	49	WSW	5	f	29.85	-0.6	50	50	0	WSW	7	rgqu	6	f, m	51	49	0.0	0.05		
GERMANY, &c.	Scilly (St. Mary's) ...	30.08	51	WSW	5	m	30.00	-0.3	52	52	0	SSW	5	f	5	+, m	54	51	0.0	0.01		
	Jersey (St. Aubins) ...	30.19	51	WSW	5	odm	30.17	+0.6	49	48	-3	SW	3	fr	3	of, od, m, g	52	47	0.0	0.02		
	Portland Bill ...	30.08	49	WSW	3	o	30.01	+0.2	50	50	0	SW	4	f	4	c, o	50	48	*	0.01		
	Dungeness ...	30.04	49	W	4	o	30.00	-0.1	49	49	+4	W	7	od	5	f, o	50	41	*	0.43		
	Wick ...	29.39	39	W	4	bc	29.22	-2.7	38	36	-6	W	5	bcq	2	bc, l	45	35	*	0.25		
	Nairn ...	29.43	46	W	2	+	29.34	-2.5	40	39	-3	WSW	5	o	2	+	52	39	*	0.15		
	Aberdeen ...	29.46	48	SW	3	b	29.41	-2.4	43	39	+4	WSW	3	bc	2	cq, bc, l	50	39	0.0	0.03		
	Leith ...	29.54	49	WSW	3	+	29.54	-1.5	44	43	-2	SW	3	+	*	+	55	43	*	0.34		
	North Shields ...	29.67	52	SW	2	o	29.62	-1.6	47	44	+5	SW	3	o	2	bc, m, g	53	41	*	—		
	Spurn Head ...	29.83	48	SW	5	b	29.80	-0.5	47	47	+8	SSW	4	c	3	b	49	38	*	0.01		
FRANCE.	Yarmouth ...	29.93	48	SW	4	c	29.87	0.00	50	49	+8	SW	4	og	4	bc, c	50	40	*	—		
	Loughborough ...	29.92	52	SSW	5	o	29.82	-1.1	50	48	+8	SW	5	og	*	c, og, bc	52	41	*	—		
	Oxford ...	29.99	50	W	0	c	29.93	-0.5	51	49	+5	S	4	o	*	c	52	45	*	—		
	London (Brixton) ...	30.03	53	SW	2	o	29.96	-0.3	50	48	+10	SW	5	og	*	d, o	53	39	0.0	—		
	The Scaw (Skagen) ...	29.85	34	SW	3	o	29.44	-2.1	44	43	+10	W	4	o	1	o	45	34	*	0.12		
	Fanö ...	29.52	40	S	6	+	29.72	-0.7	44	43	+6	SW	6	o	*	+	44	36	*	0.08		
	Cuxhaven ...	30.03	40	SW	1	o	29.84	+2.9	46	45	+4	WSW	4	+	*	o	46	39	*	0.04		
	The Helder ...	29.98	44	SSW	2	b	29.88	+1.1	47	46	+2	SW	3	o	3	b	47	41	*	—		
	Brussels ...	*	*	*	*	*	30.08	+1.3	48	46	+3	SW	4	o	*	o	49	43	*	—		
	Berlin ...	29.93	40	NW	2	o	29.98	+5.3	40	39	-5	SW	4	o	*	o	46	37	*	0.04		
SPAN. PEN.	Frankfurt ...	30.22	46	W	2	o	30.15	+3.9	46	45	0	SW	2	o	*	o	48	43	*	—		
	Munich ...	30.22	40	W	6	+	30.28	+3.6	36	35	-7	SW	2	b	*	+	43	36	*	0.04		
	C. Gris Nez ...	30.05	51	W	4	+	30.03	+1.1	49	48	0	W	5	o	5	+	52	45	*	0.12		
	Brest ...	30.19	50	SW	4	f	30.17	+0.2	50	50	-1	SW	4	o	5	f	52	50	*	0.04		
	Lorient ...	30.26	49	NNW	4	f	30.23	+0.4	47	47	-4	WSW	3	o	5	f	55	46	*	0.08		
	Rochefort ...	30.37	50	W	2	m	30.35	+0.8	48	48	-2	Z	0	f	*	m	50	46	*	0.08		
	Biarritz ...	30.43	53	WSW	4	+	30.38	+0.1	47	47	-6	E	2	f	4	+	54	45	*	0.04		
	Paris ...	30.22	52	SSW	2	o	30.22	+1.7	48	46	-2	WSW	3	o	*	o	54	47	*	—		
	Belfort ...	30.27	44	SE	5	o	30.27	+2.8	42	42	-3	WSW	2	o	*	o	48	41	*	—		
	Lyons ...	30.32	49	NNW	1	o	30.36	+2.3	46	46	-2	E	1	f	*	o	56	44	*	—		
Nice ...	29.91	49	Z	0	b	30.16	+3.4	52	44	+10	E	3	bc	2	b	55	42	*	—			
SPAN. PEN.	Perpignan ...	30.19	59	NW	5	b	30.22	+1.4	57	52	-2	W	4	b	*	b	64	53	*	—		
	Corunna ...	30.31	56	NNE	5	b	30.26	-1.2	50	48	-3	NE	2	bc	*	b	61	50	*	—		
SPAN. PEN.	Lisbon ...	30.31	56	NNE	5	b	30.26	-1.2	50	48	-3	NE	2	bc	*	b	61	50	*	—		
	Azores (P. Delgada)	30.31	56	NNE	5	b	30.26	-1.2	50	48	-3	NE	2	bc	*	b	61	50	*	—		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Saturday, 4th January, 1902.*

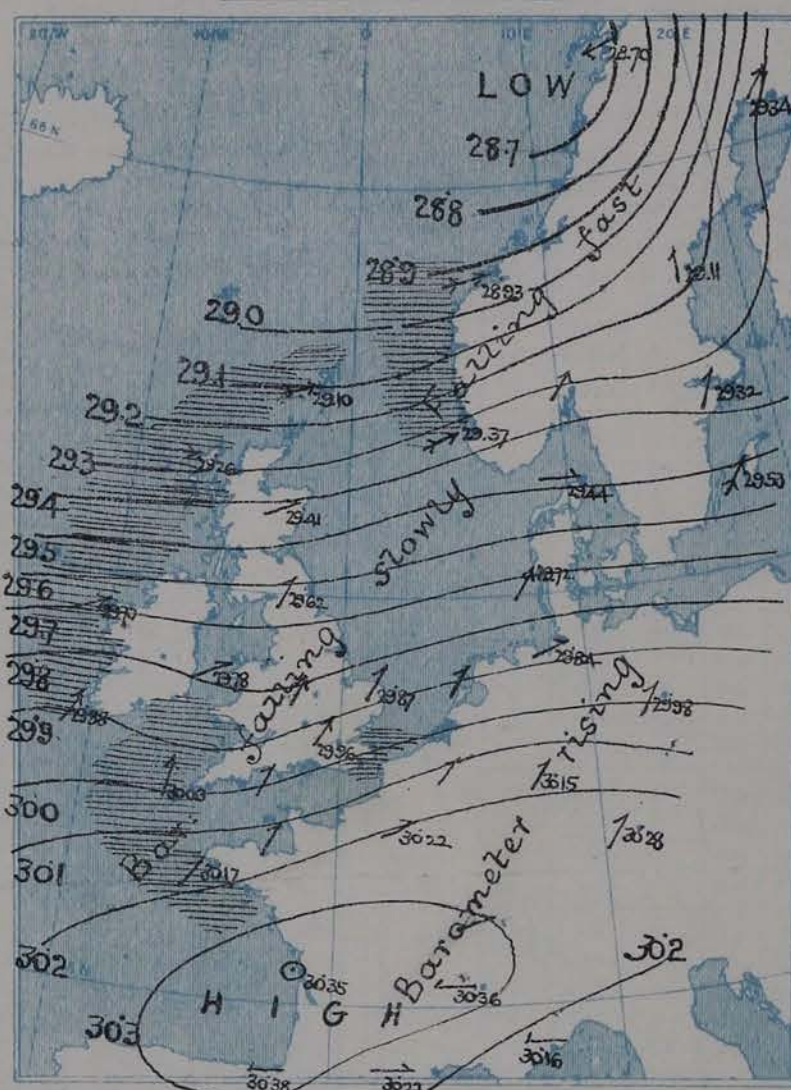
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High :

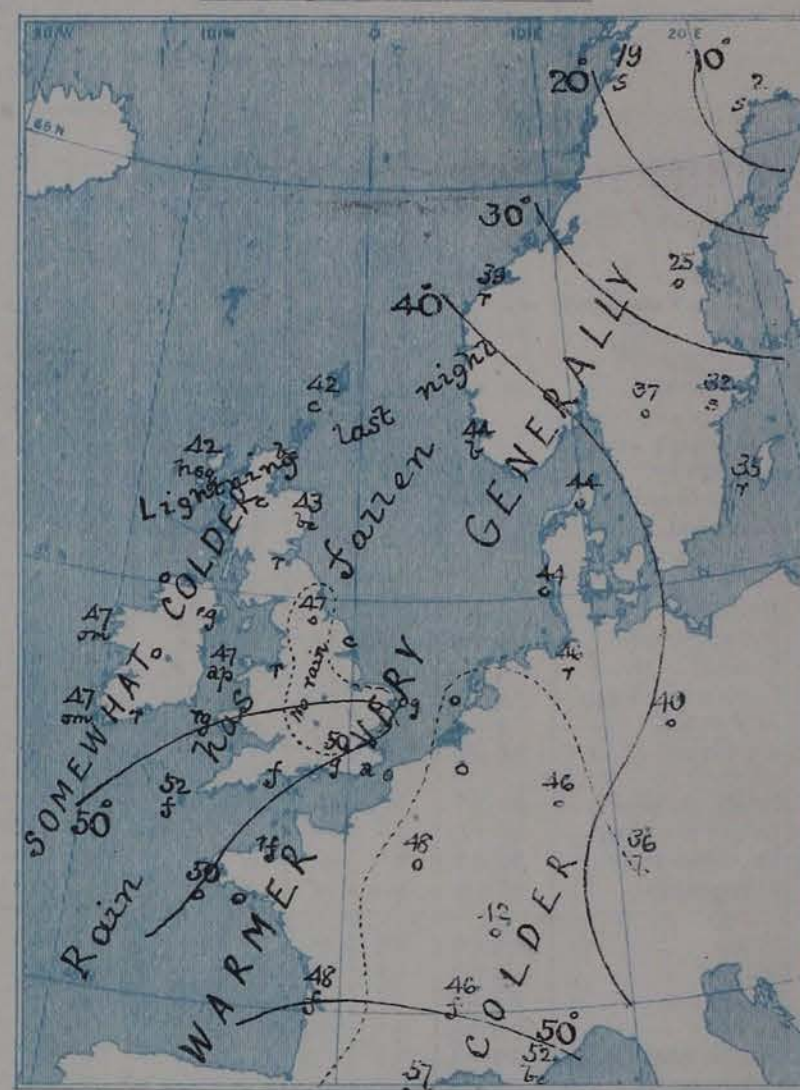


II TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III BAROMETER AND WIND

Yesterday morning



IV EXTREMES OF TEMPERATURE

recorded in month of JANUARY (1871-1900)

Specimen { Highest Max. 58°
(for Shields) { Lowest Min. 6°

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

December - January (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure this morning is highest over southern, lowest over northern Europe, the readings ranging from 30.38 in. at Biarritz to 29.10 in. at Sumburgh Head and 28.70 in. at Bodø. The gradients are steepest over the northern half of our area and shallow local minima are passing from west to east over the Kingdom.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is accordingly mainly Westerly to South-westerly in direction and moderate to strong in force; in the west of Norway there is a strong gale from West-south-west and at Malin Head a moderate gale, from South-south-west, while both at Bodø and in the south of France the wind is Easterly. Temperature in the shade ranges from 52° at Scilly and 53° at Bath to 40° at Nairn and 19° at Bodø on the one hand and to 36° at Munich on the other. In the United Kingdom the values are several degrees in excess of the average. The weather is very changeable; in places the sky is cloudless, at others overcast, and in some localities is showery - mainly in the west. The sea is rough on our west and north coasts.

Since yesterday morning maximum temperatures of 50° or more have been recorded in all parts of the Kingdom; at Leith the maximum was 55°, at Perpignan 64°. Of bright sunshine there has been hardly any, except at Lowestoft and Rhyl. The rainfall has been slight but very general, except over central England and the southern half of France. Lightning was seen in the north and east of Scotland and west of Norway last night and fog in the N.W. of France.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is at present no indication of any important change of weather.

FORECASTS *

For the 24 hours ending at NOON on 5th January, 1902.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

W^{ly} (NW to SW) winds, fresh, -
strong at times; mild,
changeable, showery.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

W^{ly} (NW to SW) winds, fresh, -
Strong at times, mild,
changeable, showery.

WARNINGS

The South Cone is still flying in Districts 9 and 10.

Note - The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (\Uparrow), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*			*	bc	*	b, o	50 39	4.1	—
Newton Reigny (Penrith)	29.72	48	SW 5	+	29.66	- .14	45	44	+ 3	SW 4	0	org	52 40	0.4	—
Bath	29.96	43	W 3	c	29.94	- .04	53	51	+ 3	WSW 5	0	c	54 49	1.2	?—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	50	41	o, c	0.0	—	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	51	41	c	0.0	—	Llandudno	*	*	*	0.2	*
Lowestoft, 6 p.m.	50	40	o	4.3	0.01	Rhyl	*	*	*	5.3	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	53	42	od, c, o	0.3	0.02
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	52	43	o	0.0	—
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	49	40	o	0.0	0.05

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)				Ins.	Algiers				Ins.
Madrid					Tunis				
Corsica (I. Sanguinaires)					Vienna				
Rome					St. Petersburg				
Florence					Jan ^y 2	1 p.m.			Measured 7 a.m.
Trieste					Lugano	42.8		Cloudy	—
Brindisi					Davos	37.4		8°	—
Naples					Lucerne	41.0		8°	—
Palermo					Lausanne	41.0		Raining	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

4 Jan. 1905	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.5	11.58	3.50
Greenwich	8.8	12.5	4.2
Wick	9.3	12.17	3.30
Valencia	8.50	12.46	4.41

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 5th January 1902.
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.			Max.	Min.			
																					Ins.
		Ins.					Ins.	Ins.	°	°	°	°									
SCANDINAVIA.	Haparanda ...	29.20	-1	SW	2	S	28.94	-40	7	6	+5	ESE	2	0	*	S	?	-4	*	0.08	
	Hernösand ...	28.91	14	Z	0	6	28.82	-29	20	19	-5	Z	0	bc	*	6	27	?	*	-	
	Stockholm ...	29.21	38	S	2	C	29.00	-32	35	33	+3	WSW	4	6	*	C	41	21	*	-	
	Wisby ...	29.37	39	WSW	6	0	29.15	-38	38	36	+3	W	6	6	*	0	43	34	*	0.04	
	Karlstad ...	29.14	39	WSW	2	0	29.08	-18	37	34	0	WSW	2	0	*	0	*	*	*	-	
	Færder (Xania Fjord)	29.15	39	WSW	6	6	29.13	-17	39	37	0	WSW	6	0	3	6	39	37	*	-	
	Bodö ...	28.64	29	E	4	0	28.86	+16	29	26	+10	E	2	0	1	0	29	19	*	-	
	Christiansund ...	28.78	38	WSW	9	7	29.00	+07	41	39	+2	WSW	9	7	5	7	43	37	*	0.63	
	Skudesnaes ...	29.24	40	NW	8	0	29.29	-08	39	38	-5	NNW	6	0	4	0	45	37	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.02	41	WSW	6	0	29.63	+53	39	35	-3	WSW	6	0	6	0	45	36	*	0.17	
	Stornoway ...	29.10	43	W	6	bc	29.93	+67	40	37	-2	W	3	6	3	c, r, b, q	45	38	1.4	0.28	
	Malin Head ...	29.49	45	W	8	bc, h, q	30.11	+58	44	44	-1	NW	6	bc, p	5	bc, r, h, q	45	39	*	0.21	
	Blackod Pt. ...	29.78	46	W	6	bc, p	30.29	+59	46	44	-1	WNW	5	bc, m	4	bc, p	47	41	*	0.12	
	Valencia ...	30.03	47	WSW	6	bc	30.41	+53	47	42	0	WNW	5	bc	5	bc, q	49	45	3.0	0.06	
	Roche's Point ...	30.01	43	WNW	3	6	30.35	+46	44	41	-3	NW	5	6	4	bc, b	50	40	*	-	
	Parsonstown ...	29.88	42	SW	3	7	30.27	+48	42	39	-3	W	3	0	*	0	45	34	2.3	0.06	
	Donaghadee ...	29.64	42	W	6	bc, q	30.02	+36	43	41	-3	NNW	5	bc, q	4	bc, q	46	40	*	0.04	
	Liverpool Obsy.	29.79	43	WSW	6	6	30.01	+24	44	41	-1	WSW	7	6	6	bc, b	47	42	*	0.06	
GERMANY, &c.	Holyhead ...	29.81	44	W	7	0	30.01	+23	45	43	-2	WNW	7	0	5	0	47	41	*	-	
	Pembroke (St. Ann's)	29.95	45	WNW	5	6	30.20	+35	46	43	-7	WNW	5	bc, q	5	bc	51	43	0.0	0.11	
	Scilly (St. Mary's) ...	30.06	51	WNW	5	0	30.30	+30	48	46	-4	NW	5	0	5	r, o	51	46	0.0	0.05	
	Jersey (St. Aubins) ...	30.08	50	SW	5	0	30.30	+13	48	43	-1	WNW	4	bc, p, h, r	3	bc, p	51	46	2.5	0.01	
	Portland Bill ...	29.98	47	WNW	5	0	30.18	+14	46	44	-4	NNW	6	bc, q	4	bc, q	50	45	*	0.09	
	Dungeness ...	29.87	48	WSW	6	7	30.10	+10	41	40	-8	WNW	6	bc	4	f, r	50	40	*	0.06	
	Wick ...	29.89	38	SW	4	6	29.79	+57	39	37	+1	NW	4	0	4	bc	47	35	*	0.06	
	Nairn ...	29.21	40	W	4	7	29.86	+52	40	38	0	W	1	0	1	bc	44	36	*	0.28	
	Aberdeen ...	29.28	39	SW	5	6	29.82	+41	38	36	-5	WNW	5	bc, q	3	bc, p	45	38	3.9	0.02	
FRANCE.	Leith ...	29.43	41	SW	3	6	29.91	+37	41	39	-3	W	1	0	2	bc, q, r, o	46	39	*	0.11	
	North Shields ...	29.56	43	SW	4	6	29.83	+21	43	41	-4	WNW	3	bc	2	bc, q, bc	49	38	*	0.02	
	Spurn Head ...	29.69	43	WSW	5	6	29.80	00	43	40	-4	W	6	bc	4	r, b	43	40	*	0.15	
	Yarmouth ...	29.78	43	NW	6	7	29.88	+01	42	40	-8	W	5	bc	4	0, r	52	39	*	0.28	
	Loughborough ...	29.82	44	WSW	4	0	29.97	+01	43	40	-7	WNW	5	bc, q	*	bc, q, h, p	52	40	*	0.54	
	Oxford ...	29.95	43	W	3	0	30.12	+19	41	39	-10	WSW	3	0	*	0, b, p	53	39	*	0.12	
	London (Brixton) ...	29.91	45	W	3	0	30.12	+16	42	39	-8	WNW	5	bc	*	bc, q, o	53	39	0.0	0.15	
	The Scaw (Skagen) ...	29.29	42	W	3	6	29.13	-21	39	39	-5	W	3	0	1	0	48	39	*	-	
	Fanö ...	29.50	41	SW	8	0	29.45	-27	42	40	-2	SW	9	0	*	0	43	41	*	0.16	
SPAN. PEN.	Cuxhaven ...	29.71	46	SW	6	7	29.66	-18	42	41	-4	WSW	6	bc, q	*	bc	46	39	*	0.63	
	The Helder ...	29.72	44	WNW	4	7	29.78	-10	44	41	-3	W	7	0	6	bc	48	43	*	0.24	
	Brussels ...	...	...	...	...	...	30.08	00	39	37	-9	WSW	4	0	*	bc	48	39	*	0.08
	Berlin ...	29.80	48	SW	3	0	29.77	-21	42	40	+2	W	4	0	*	0	50	40	*	0.04	
	Frankfurt ...	30.00	49	SW	6	0	30.06	-09	42	40	-4	SW	6	0	*	0	52	41	*	0.04	
	Munich ...	30.15	41	SW	2	0	30.10	-18	44	41	+8	SW	6	0	*	0	48	36	*	-	
	C. Gris Nez ...	29.93	49	WSW	6	7	30.08	+05	47	47	-1	W	6	0	6	bc	50	43	*	0.32	
	Brest ...	30.17	50	NW	4	0	30.36	+19	48	47	-2	NW	4	0	3	0	52	47	*	-	
	Lorient ...	30.17	48	WSW	5	f	30.39	+16	48	48	+1	NW	4	0	5	f	54	45	*	-	
SPAN. PEN.	Rochefort ...	30.23	48	WSW	4	m	30.32	00	48	48	0	NNW	3	0	*	m	52	45	*	0.04	
	Biarritz ...	30.32	50	W	1	f	30.44	+06	51	50	+4	W	4	0	4	f	54	46	*	-	
	Paris ...	30.12	46	S	3	6	30.24	+02	43	41	-5	WSW	2	bc	*	bc	51	43	*	-	
	Belfort ...	30.19	45	WSW	4	0	30.32	-06	41	41	-1	W	6	bc	*	bc	47	41	*	0.04	
	Lyons ...	30.30	50	S	1	f	30.33	-03	39	39	-7	WNW	1	0	*	f	40	38	*	-	
	Nice ...	30.25	50	Z	0	6	30.24	+08	47	45	-5	Z	0	0	2	bc	61	45	*	-	
	Perpignan ...	30.24	52	SW	1	6	30.21	-03	48	48	-4	NW	2	bc	*	bc	57	39	*	-	
	Corunna ...	30.26	57	NNE	3	6	30.29	+03	51	48	+1	NNE	2	bc	*	bc	61	46	*	-	
	Lisbon ...	30.49	56	NE	5	6	30.44	+03	55	53	+2	NE	4	m	4	bc	63	54	*	0.04	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Sunday, 5th January, 1902

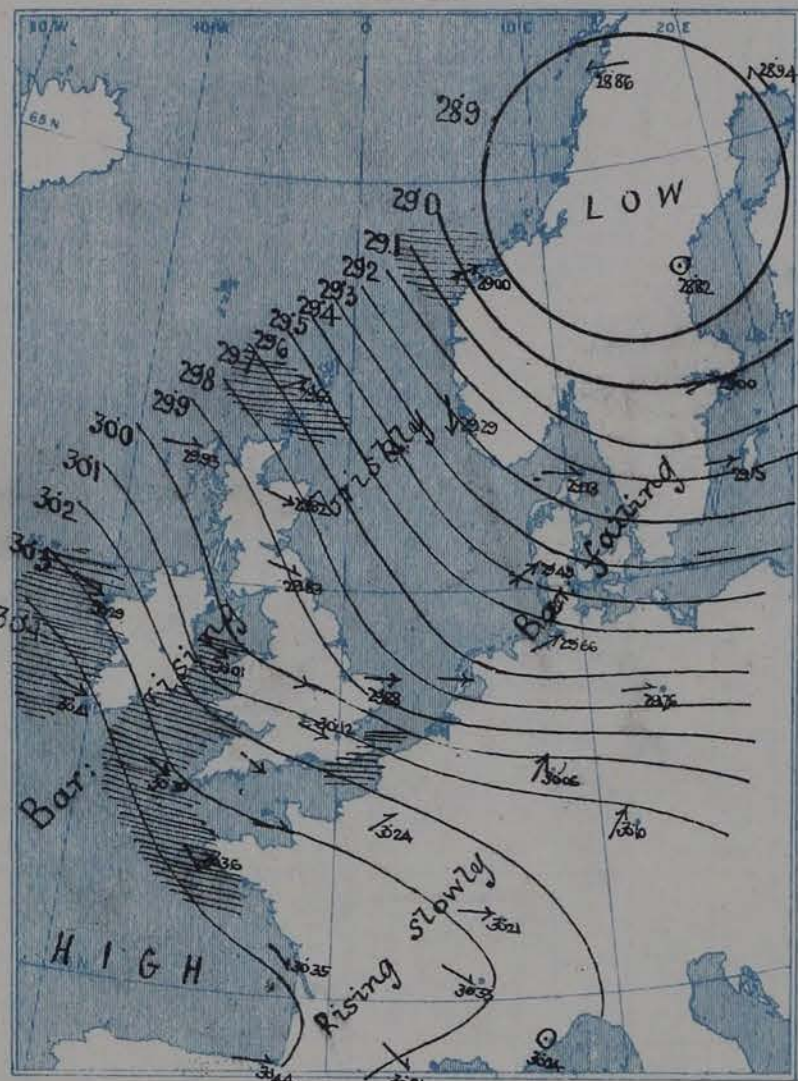
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ——— : Force 5 to 7 ——— : } Calm ☉
Force 8 to 10 ——— : Force 1 to 4 ——— :

SEA.—Rough ——— : High ———

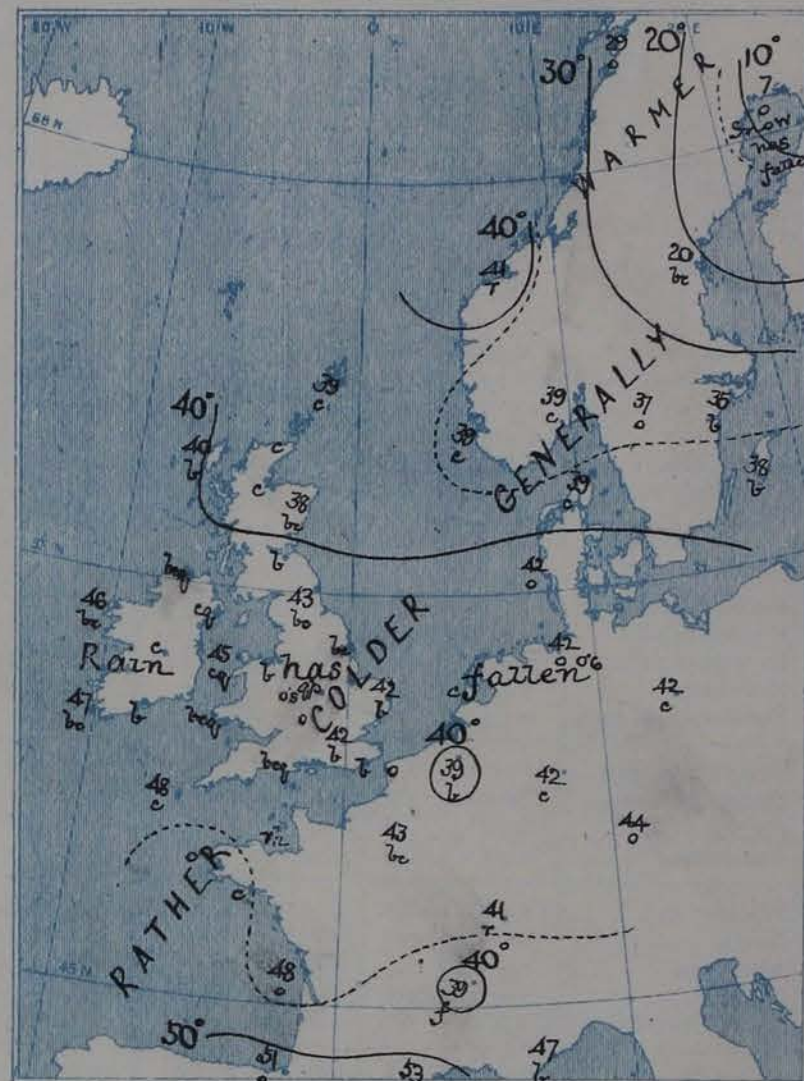


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

recorded in month of JANUARY (1871-1900)

Specimen { Highest Max. 58°
(for Shields) { Lowest Min. 6°

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 a.m. for the Two monthly period

December - January (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure is highest, 30.4 ins. and upwards, in an anticyclone lying over the Bay of Biscay, the north of Spain, and the extreme southwest of Ireland, and lowest, 28.9 ins. and less, in a well marked cyclonic disturbance with its central area over the north of Scandinavia. The latter system is apparently moving S.E. and the barometer is falling in Sweden, Denmark, and Germany; in all other parts of our area the mercury is at present rising.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is NW^{ly} or W^{ly} over the greater part of our Islands, and over the north and west of France, and blows strongly on several of the more exposed parts of our coasts, with a moderate gale in the Irish Sea. In nearly all other parts of our area it is W^{ly} or SW^{ly} and at Christiansund and Ås it blows with the force of a gale; in the north of Scandinavia, however, it is light from the E^d. Temperature has fallen a little generally, but is still rather high for the time of the year, the morning readings being above 40° in most parts of the United Kingdom and above 45° on our southwestern coasts as well as in the west of France. Frost is at present confined to the northern parts of Scandinavia, the lowest readings being 7° at Skaparanda, and 20° at Hertsöand. The weather is fair or fine over western Europe as a whole, but is dull over central England with passing showers at Loughborough; cloudy skies are also reported over the greater part of Norway, Denmark, and Germany, and rain is falling at Christiansund. The sea is rough or rather so on our western and extreme northern coasts.



During yesterday the thermometer rose to 60° and upwards at most of the English stations and to 55° in London and at Oxford. The amount of bright sunshine was small generally; in most parts of England there was none. Rain fell in nearly all parts of northwestern Europe, the largest amounts being 0.6 at Cuxhaven and 0.5 in at Loughborough.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 6 JANUARY 1902.

DISTRICTS.

- 0  SCOTLAND NORTH
- 1  SCOTLAND EAST
- 2  ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

FORECASTS.

NONE ISSUED

DISTRICTS.


- 6  SCOTLAND WEST
- 7  ENGLAND N.W.
- 8  ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH


WARNINGS

FORECASTS.

NONE ISSUED

At 7pm yesterday to districts 0, 1, 2, 6, 7, and part of 8, "HOIST SOUTH CONE"

Note—The South Cone, point downwards () means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards () means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on Sea	*	*	*	*	*	*	*	*	*	*	bc	*	c, o	40	39	0.7	0.12
Newton Reigny (Penrith)																	
Bath	29.86	50	N. 3	bc	30.18	+24	44	42	-9	N. 3	bc	*	bc	54	41	0.0	0.11

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	50	42	c, d	0.0	0.10	Worthing	*	*	*	*	*
Birmingham, 9 p.m.	52	41	r, c	0.0	0.23	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	*	*
Hastings	*	*	*	*	*	Southport, 9 p.m.	51	44	o, d, p, b	0.0	0.15
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	50	42	r, o	0.0	0.56
Brighton	*	*	*	*	*	Darwen, 9 p.m.	48	39	o, r, c	0.0	0.88

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	58.1	50.4	Not received	Ins.	Algiers	66.2	53.6	Fine	Ins.
Madrid	58.1	50.4	E. air, fog	—	Tunis	62.6	50.0	Fair	—
Corsica (I. Sanguinaires)	58.4	50.4	E. light, fog	—	Vienna	48.2	41.0	Fair	—
Rome	46.0	33.1	E. slight, fine	—	St. Petersburg	?	?	Overcast	—
Florence	48.8	33.1	Fine	—	Lugano	55.4	—	Fine	Measured 7 a.m.
Trieste	57.4	35.6	Overcast	0.24	Davos	32.0	—	Snow	0.71
Brindisi	54.0	48.7	Changeable	0.08	Lucerne	50.0	—	Cloudy	0.12
Naples	57.2	46.2	Fine	—	Lausanne	51.8	—	Fog	0.51
Palermo	59.9	44.6	Cloudy	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.		

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

5 Jan. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	8.5	11.58	3.51
Greenwich ...	8.7	12.5	4.3
Wick ...	9.2	12.17	3.32
Valencia ...	8.50	12.46	4.42

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Monday 6th January 1902.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.		
				Force (0 to 12.)	Direc.		At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
																				At 32° and M. S. L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	Max.	Min.
Ins.		Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	Ins.	Ins.	°	°	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.	Min.	Sun- shine. Hours	Rainfall. Ins.				
SCANDINAVIA.	Haparanda ...	29.20	8	E	2	5	29.25	+31	-15	-16	-22	NE	2	bc	*	5	9	-15	*	0.08	
	Hernösand ...	29.27	30	Z	0	6	29.19	+37	14	13	-6	Z	0	o	*	6	30	14	*	—	
	Stockholm ...	29.33	34	NW	2	0	29.34	+34	28	26	-7	S	2	c	*	o	39	15	*	—	
	Wisby ...	29.29	37	W	6	6	29.49	+34	35	32	-3	W	6	c	*	6	45	35	*	—	
	Karlstad ...	29.50	37	NW	6	6	29.15	+07	33	33	-4	SW	4	s	*	6	*	*	*	0.04	
	Færder (X'ania Fjord)	29.54	39	NW	4	6	29.18	+05	37	36	-2	W	6	6	4	6	41	36	*	—	
	Bodö ...	29.23	36	NW	4	c	28.89	+03	32	30	+3	NNW	2	o	1	c	36	27	*	—	
	Christiansund ...	29.53	37	NE	4	0	28.96	-04	37	35	-4	WNW	9	+	6	o	41	36	*	0.20	
Skudesnaes ...	29.83	40	NW	4	6	29.43	+14	41	39	+2	WNW	10	cl	5	6	?	39	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.40	42	SW	4	+	29.54	-06	43	40	+4	WNW	7	o	6	c, f	43	35	*	0.34	
	Stornoway ...	29.88	47	W	6	o	29.96	+03	49	48	+9	NW	8	+	9	q, o	50	35	0.0	0.20	
	Malin Head ...	30.20	47	WNW	7	cq	30.34	+23	48	48	+4	W	6	omp	4	o, cq	48	44	*	0.05	
	Blacksod Pt. ...	30.42	49	WNW	5	omg	30.53	+24	49	47	+3	W	4	om	4	om	50	44	*	0.02	
	Valencia ...	30.61	49	W	5	omg	30.68	+27	50	46	+3	W	3	o	4	bc, omg	50	47	2.7	0.01	
	Roche's Point ...	30.57	48	NW	3	c	30.63	+28	48	45	+4	WNW	3	c	3	c	49	44	*	—	
	Parsonstown ...	30.47	48	W	3	o	30.55	+28	48	45	+6	W	4	o	*	o	48	40	3.2	—	
	Donaghadee ...	30.29	45	WNW	2	c	30.32	+30	49	46	+6	WNW	5	c	3	c, q, l	49	41	*	—	
Liverpool Obsy.	30.36	43	W	4	bc	30.37	+36	46	45	+2	WSW	6	o	5	bc	47	42	*	—		
Holyhead ...	30.39	45	W	4	c	30.44	+43	47	46	+2	W	7	cq, u	5	bc	47	43	*	—		
Pembroke (St. Ann's)	30.47	46	WNW	5	c	30.56	+36	49	46	+3	WNW	5	cq	4	c	49	44	5.6	—		
GERMANY, &c.	Scilly (St. Mary's)...	30.51	48	NNW	5	bc	30.64	+34	50	48	+2	NW	5	o	4	bc	50	45	5.1	—	
	Jersey (St. Aubins)...	30.48	47	NW	4	bc	30.65	+35	50	46	+2	WNW	3	o	3	bc, p, h	51	41	3.5	0.01	
	Portland Bill ...	30.44	45	NW	4	6	30.54	+36	49	47	+3	WNW	4	o	4	6	49	45	*	—	
	Dungeness ...	30.33	40	NW	3	6	30.46	+36	45	44	+4	WSW	5	c	4	c, b	48	35	*	—	
	Wick ...	29.80	41	W	4	+	29.80	+01	46	46	+7	W	7	+	3	+, +s	48	26	*	0.36	
	Nairn ...	29.92	45	W	4	c	29.97	+11	51	48	+11	WNW	5	c	2	c	51	40	*	0.04	
	Aberdeen ...	29.97	42	SSW	3	o	29.86	+04	51	46	+13	W	8	bcq	4	o	52	38	3.7	—	
	Leith ...	30.11	41	WSW	2	c	30.05	+14	50	47	+9	WSW	4	c	*	c, q	51	37	*	—	
North Shields ...	30.14	41	W	3	o	30.06	+23	48	47	+5	W	7	bc	2	o, p	48	39	*	—		
FRANCE.	Spurn Head ...	30.27	40	W	4	6	30.14	+37	46	44	+3	W	8	bcu	5	6	48	38	*	—	
	Yarmouth ...	30.20	42	WNW	5	6	30.23	+35	45	43	+3	W	5	bc	4	6	46	35	*	—	
	Loughborough ...	30.35	40	WNW	3	6	30.34	+35	47	44	+4	WNW	6	cq, p	*	bc, cq, p	48	40	*	—	
	Oxford ...	30.46	40	WNW	3	6	30.46	+34	46	44	+5	W	4	o	*	p, b	48	38	*	—	
	London (Brixton)	30.36	43	WNW	3	bc	30.45	+33	45	43	+3	W	3	c	*	p, c, bc	47	36	2.0	0.01	
	The Scaw (Skagen)	29.41	41	NNW	4	bc	29.31	+08	42	42	+3	WNW	6	o	2	bc	45	39	*	0.12	
	Fanö ...	29.91	40	WNW	8	6	29.42	+27	43	42	+1	W	9	o	*	b, r	43	39	*	0.51	
	Cuxhaven ...	29.91	42	W	6	o	29.93	+27	42	41	0	W	6	o	*	o	45	39	*	0.08	
The Helder ...	30.18	44	NW	5	6	30.15	+37	46	43	+2	W	6	o	5	6	46	43	*	—		
Brussels ...	*	*	*	*	*	30.44	+36	39	39	0	WSW	4	o	*	6	44	34	*	0.04		
Berlin ...	29.86	42	WNW	5	o	30.06	+29	39	37	-3	W	4	o	*	o	50	37	*	0.04		
Frankfurt ...	30.28	42	W	4	o	30.41	+35	38	36	-4	SW	4	c	*	o	46	37	*	—		
Munich ...	30.30	37	W	5	c	30.46	+36	36	35	-8	W	6	o	*	c	48	36	*	0.04		
SPAN. PEN.	C. Gris Nez ...	30.32	45	NW	5	bc	30.43	+35	46	45	-2	W	6	o	6	bc	52	43	*	—	
	Brest ...	30.55	46	NNW	4	c	30.72	+36	48	46	0	NNW	3	c	4	c	50	43	*	—	
	Lorient ...	30.54	46	NW	4	bc	30.72	+33	47	46	-1	N	3	c	5	bc	54	41	*	—	
	Rochefort ...	30.54	47	NW	4	6	30.64	+29	41	41	-7	N	3	6	*	6	50	39	*	—	
	Biarritz ...	30.56	48	ENE	3	o	30.71	+24	41	40	-10	E	3	6	5	o	52	39	*	0.04	
	Paris ...	30.39	43	WNW	2	bc	30.59	+35	32	32	-11	SSW	2	c	*	bc	50	32	*	—	
	Belfort ...	30.31	38	WSW	4	bc	30.56	+35	33	33	-8	W	2	f	*	bc	46	32	*	—	
	Lyons ...	30.06	41	N	1	c	30.63	+30	36	?	-3	N	1	6	*	c	46	36	*	—	
Nice ...	30.04	50	Z	0	c	30.19	+05	44	42	-3	E	2	bc	*	c	55	43	*	—		
Perpignan ...	30.34	51	NW	4	o	30.49	+28	45	39	-8	NW	4	6	*	o	55	44	*	—		
SPAN. PEN.	Corunna ...																				
	Lisbon ...	30.25	55	NNE	5	6	30.32	+03	46	41	-5	NNE	6	6	*	6	61	46	*	—	
Azores (P. Delgada)	30.41	59	NE	3	bc	30.34	-10	56	55	+1	SE	4	o	4	bc	63	54	*	0.04		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Monday, 6th January, 1902.*

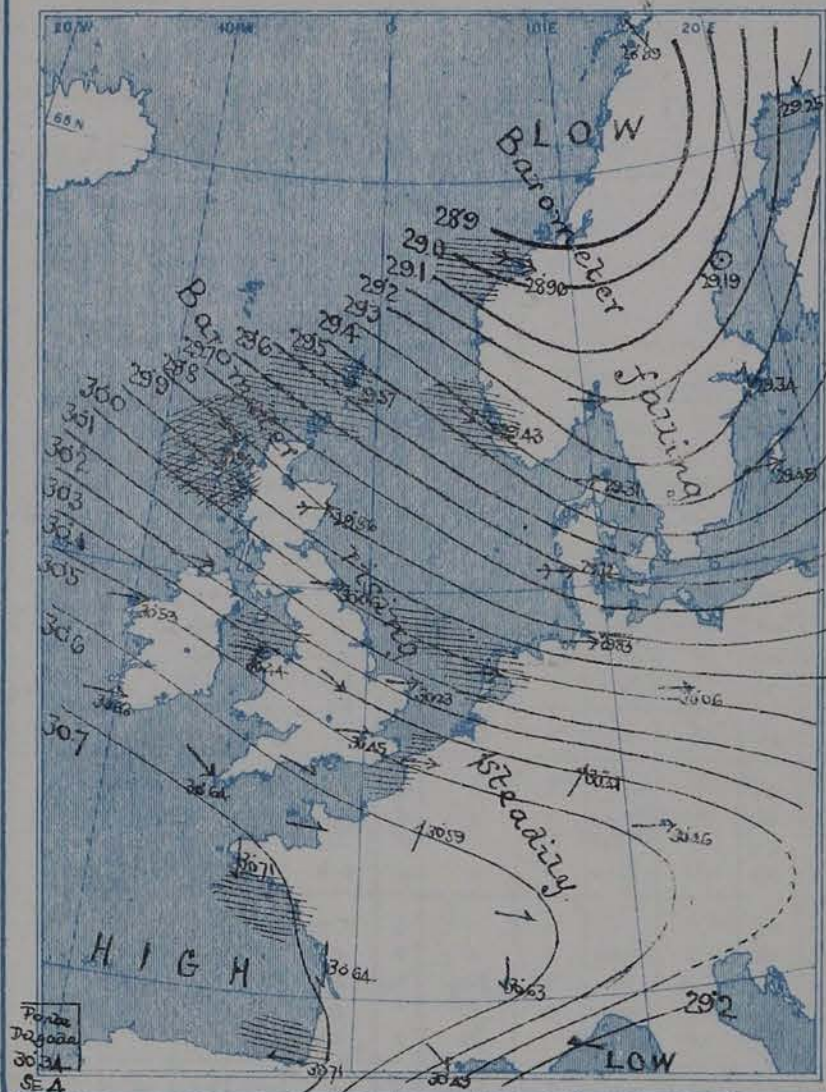
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough ≡ : High ≡

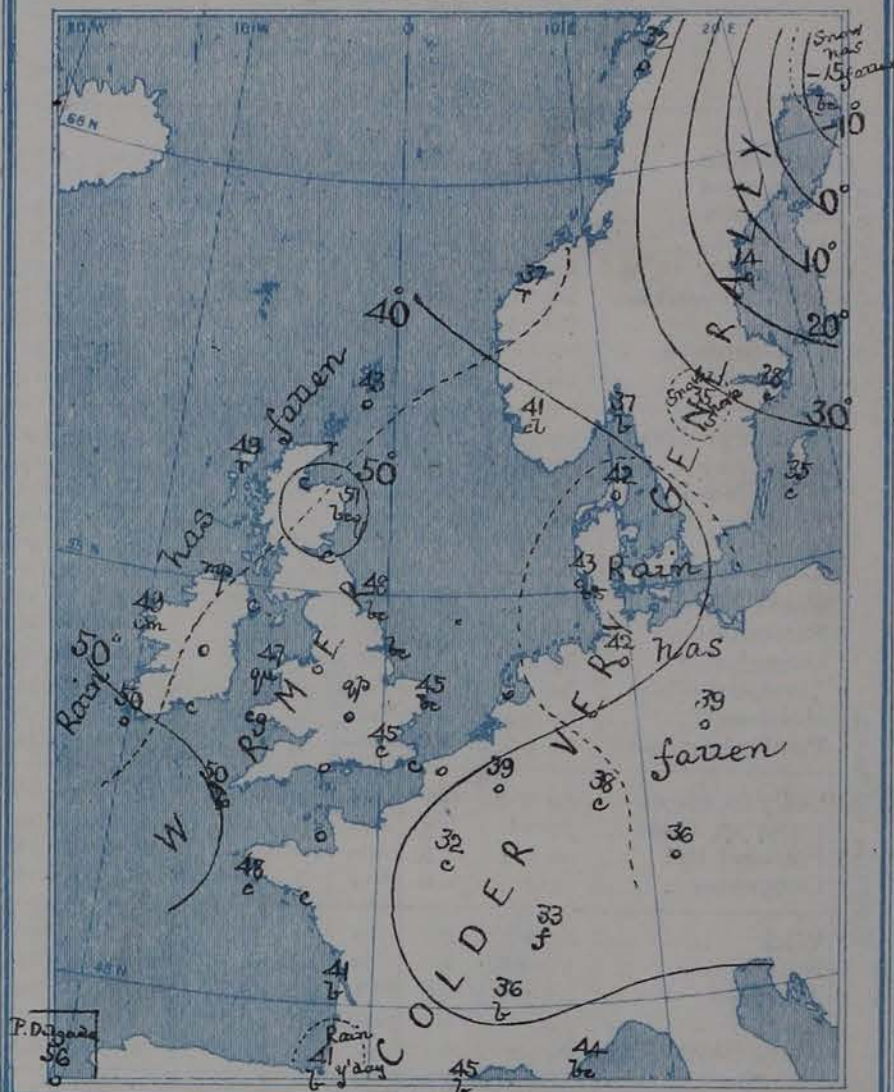


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

recorded in month of JANUARY (1871-1900)

Specimen { Highest Max. 58°
(for Shields) { Lowest Min. 6°

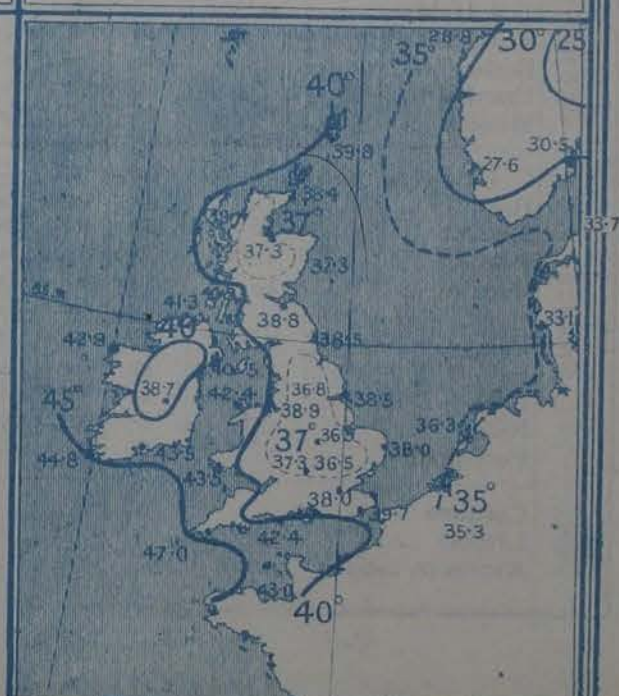
Melin Head & Blacksod Belmullet Values are for only 15 Yrs.



V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

December - January (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A large anticyclone has spread over the south-western parts of our islands from the Atlantic; the highest readings, 30.7 ins. and upwards, are reported over the Bay of Biscay and the barometer is at present rising at all but the Scandinavian stations. In those countries the mercury is being affected by a large cyclonic system, the centre of which is approaching the northern parts of the Norwegian coast, in which region the barometer has fallen below 29.0 ins; gradients are therefore steep over all the more northern parts of our area.

WIND

TEMPERATURE

WEATHER

AND

SEA

Westerly or north-westerly winds are prevalent over nearly the whole of Western Europe and blow with the force of a gale on several parts of our own north and east coasts, as well as on the eastern shores of the North Sea. In the south of Sweden the wind draws into South-west, while in the north of Scandinavia it is light from the northward. Temperature has risen in our islands, Denmark and the Netherlands, but has fallen elsewhere. Over the United Kingdom the thermometer is again considerably above the average, the readings being above 45° in nearly all districts and touching 50° on several parts of our northern and south-western coasts. At Nairn and Aberdeen the thermometer stands at 51° and is 14° above the normal. Slight frost prevails in several parts of central France and hard frost over the north of Sweden, the reading at Kapasanda being as low as -15° F. The weather is fine on the east coasts of England and also in the south of France, but is cloudy elsewhere, with rain in the extreme north of Scotland and also at Brest and around; snow is falling at Karlstad. The sea is exceedingly high at Stornoway and is rough or rather so on all our northern, as well as on the French and Norwegian coasts. During yesterday the thermometer rose to between 45° and 50° over the United Kingdom generally and to 52° at Aberdeen. The amount of bright sunshine was large at many of our west and south coast stations - between 5 and 6 hours in several places and as much as 6.2 hours at Hastings. Rain fell on our extreme western and northern coasts and also in several parts of Scandinavia, Denmark and Germany; lightning was seen at night at Donaghadee.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change. Some further extension of the anticyclone is probable and fair weather is therefore likely to prevail over the greater part of the United Kingdom, with a gradual reduction of temperature.

FORECASTS *

For the 24 hours ending at NOON on 7th January, 1902.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
10	{ SCOTLAND NORTH	{ W ⁴ & NW ¹ winds, strong to a gale at first; moderating later, some showers, then fair.	6	{ SCOTLAND WEST	{ Same as No. 2.
11	{ SCOTLAND EAST		7	{ ENGLAND N.W.	
12	{ ENGLAND N.E.	W ⁴ & NW ¹ winds, strong to moderate; fair generally.	8	{ ENGLAND S.W.	{ Same as Nos 3 to 5.
3	{ ENGLAND EAST	{ W ³ and NW ² winds, moderate or fresh; fair generally.	9	{ IRELAND NORTH	
4	{ MIDLAND COUNTIES		10	{ IRELAND SOUTH	
5	{ ENGLAND SOUTH		WARNINGS		
			At 7pm (yesterday!) to district 9. "Hoist North Cone" The Signals are also flying in district 6, 7 and part of 8.		

Note - The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	C	*	b, o	46	35	2.9	—
Newton Reigny (Penrith)	30.25	42	W 4	c	30.23		46	44		W 5	o	*	c, b, o, g, g	46	39	5.2	0.01
Bath	30.28	42	SW 1	bc	30.49	+ 31	46	44	+ 2	NW 3	o	*	bc	49	36	3.1	—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	44	39	b	5.4	0.01	Worthing	*	*	*	5.1	*
Birmingham, 9 p.m.	46	39	o	2.0	—	Llandudno	*	*	*	1.9	*
Lowestoft, 6 p.m.	*	*	*	?	—	Rhyl	*	*	*	2.0	*
Hastings	*	*	*	6.2	*	Southport, 9 p.m.	*	*	*	2.4	*
Eastbourne	*	*	*	6.0	*	Manchester, 9 p.m.	*	*	*	*	*
Brighton	*	*	*	5.0	*	Darwen, 9 p.m.	46	39	o	2.2	0.01

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)			Information not yet Received	Ins.	Algiers			Not Recd.	Ins.
Madrid					Tunis				
Corsica (I. Sanguinaires)					Vienna				
Rome					St. Petersburg				
Florence					JAN: 4 th		1 p.m.		Measured 7 a.m.
Trieste					Lugano	46.4	—	Fine	—
Brindisi					Davos	30.2	—	°	0.43
Naples					Lucerne	46.4	—	°	—
Palermo					Lausanne	44.6	—	°	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

	6 Jan. 1901 ²	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.5	11.59	3.52	
Greenwich	8.6	12.6	4.5	
Wick	9.1	12.18	3.34	
Valencia	8.50	12.47	4.43	

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 7th January 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. H. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
	Barom.	Temp.	Wind.	Force	Weather.		Baromet.	Change	Temp.	Wind.	Force	Weather.	Sea				Temp.				
	At 32° and M.S.L.	Dry Bulb.	Dirac.	(0 to 12.)			At 32° Fabr. and M.S.L.	since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	(0 to 12.)				Max.	Min.	Sun- shine.	Rainfall	
	Ins.						Ins.	Ins.	"	"				(0 to 9.)			Hours		Ins.		
SCANDINAVIA.	Haparanda	29.50	-13	E	2	0	29.40	+15	5	4	+20	S	2	0	*	0	9	-22	*	—	
	Hernösand	29.45	24	Z	0	0	29.41	+22	28	28	+14	SW	2	0	*	0	30	14	*	0.04	
	Stockholm	29.37	30	NNW	2	5	29.73	+39	29	29	+1	SSW	2	0	*	5	34	27	*	0.20	
	Wisby	29.32	35	W	8	6	29.81	+32	35	33	0	N	14	0	*	6	43	34	*	0.24	
	Karlstad	29.53	32	WNW	4	6	29.67	+52	34	32	+1	W	2	0	*	6	*	*	*	—	
	Færder (X'ianla Fjord)	29.85	41	WNW	2	6	29.68	+50	41	39	+4	WSW	6	0	*	6	41	37	*	—	
	Bodö	29.20	32	E	3	6	28.82	-09	40	37	+3	S	4	0	*	6	40	28	*	—	
	Christiansund	29.49	40	W	9	7	29.30	+34	44	40	+4	W	9	0	*	8	44	37	*	0.67	
	Skudesnaes	29.90	42	NW	4	0	29.88	+45	46	45	+5	NW	8	0	*	5	46	39	*	*	
	Sumburgh Head	29.77	46	WSW	6	0	29.69	+12	46	44	+3	WSW	4	0	*	6	49	43	*	0.15	
BRITISH ISLANDS.	Stornoway	30.06	49	W	7	00	30.02	+06	49	48	0	W	9	0	*	9	51	46	0.0	0.05	
	Malin Head	30.38	48	W	6	0	30.35	+01	48	46	0	SW	5	00	4	omp	48	46	*	0.01	
	Blacksod Pt.	30.53	48	W	4	0	30.49	-04	48	46	-1	WSW	5	00	4	om	49	47	*	0.01	
	Valencia...	30.68	50	WSW	2	0	30.63	-05	47	45	-3	SSW	1	00	4	0	51	47	0.0	0.01	
	Roche's Point	30.67	48	WNW	2	c	30.68	+05	45	43	-3	WNW	1	c	3	c	50	44	*	—	
	Parsonstown	30.60	48	W	2	0	30.60	+05	45	44	-3	SW	1	0	*	0	49	44	0.0	0.01	
	Donaghadee	30.46	49	NW	3	og	30.48	+16	47	45	-2	NW	3	og	2	og	50	46	*	—	
	Liverpool Obsy.	30.47	46	WSW	7	bc	30.50	+13	45	44	-1	WSW	4	0	3	bc	48	45	*	—	
	Holyhead	30.55	48	W	5	odp	30.59	+15	47	45	0	WSW	3	odp	2	odp	48	45	*	0.03	
	Pembroke (St. Ann's)	30.61	48	WNW	4	c	30.64	+08	48	44	-1	W	4	og	4	c	50	43	0.2	—	
GERMANY, &c.	Scilly (St. Mary's)	30.69	50	NNW	4	0	30.69	+05	49	47	-1	NNW	1	0	1	0	50	45	?	—	
	Jersey (St. Aubins)	30.63	49	NW	3	og	30.72	+09	48	43	-2	NW	3	om	3	og	51	45	0.0	—	
	Portland Bill	30.56	48	NW	4	6	30.67	+13	47	45	-2	NW	3	0	3	c, b	49	47	*	—	
	Dungeness	30.48	46	W	4	c	30.64	+18	43	42	-2	WNW	3	c	2	bc, c	53	36	*	—	
	Wick	29.98	48	NW	8	c	29.90	+10	49	46	+3	W	6	bc	3	c	50	44	*	0.04	
	Nairn	30.12	50	WSW	4	c	30.02	+05	50	46	-1	W	5	bc	2	c	51	45	*	—	
	Aberdeen	30.15	47	W	4	bcq	30.10	+24	48	44	-3	SW	3	bc	1	ca, bcq	51	44	0.0	—	
	Leith	30.21	47	WSW	3	bc	30.22	+17	49	45	-1	WSW	5	bcq	2	bc	52	46	*	—	
	North Shields	30.31	49	W	2	bc	30.36	+30	49	47	+1	W	4	c	2	c, bc	51	40	*	—	
	Spurn Head	30.35	45	WNW	6	bc	30.48	+31	45	43	-1	WSW	4	og	4	bc	49	42	*	—	
FRANCE.	Yarmouth	30.33	46	WNW	5	bc	30.52	+29	43	41	-2	W	4	og	4	bc	49	39	*	—	
	Loughborough	30.45	48	WNW	4	bc	30.56	+22	46	42	-1	W	3	c	*	ca, bc, o	49	43	*	—	
	Oxford	30.56	46	W	2	b	30.65	+19	43	41	-3	WSW	2	0	*	b	51	40	*	—	
	London (Brixton)	30.50	47	NW	2	b	30.63	+20	41	39	-4	W	2	c	*	c, b	51	39	0.5	—	
	The Scaw (Skagen)	30.68	41	NNW	6	b	29.84	+53	41	41	-1	WNW	6	0	2	b	45	41	*	—	
	Fanø	30.02	42	W	6	b	30.16	+44	43	42	0	W	5	b	*	b	45	42	*	—	
	Cuxhaven	30.04	44	WNW	5	0	30.27	+34	44	42	+2	W	4	0	*	0	45	41	*	—	
	The Helder	30.26	47	NW	5	b	30.41	+26	46	44	0	WNW	4	c	4	b	47	45	*	—	
	Brussels	*	*	*	*	*	30.61	+17	44	42	+5	WNW	1	0	*	0	46	39	*	—	
	Berlin	29.91	42	WNW	4	0	30.16	+10	44	43	+5	WNW	4	0	*	0	45	39	*	0.35	
SPAN. PEN.	Frankfurt	30.35	44	SW	4	c	30.50	+09	45	44	+7	SW	2	0	*	c	46	38	*	0.04	
	Munich	30.39	39	W	7	0	30.54	+08	39	38	+3	W	7	0	*	0	41	36	*	0.05	
	C. Gris Nez	30.52	47	W	5	0	30.62	+19	46	45	0	NW	3	bc	2	0	50	43	*	—	
	Brest	30.71	49	NNW	3	0	30.72	00	48	46	0	NE	1	0	2	0	50	46	*	—	
	Lorient	30.70	48	WNW	2	0	30.72	00	46	45	-1	N	1	0	3	0	50	41	*	—	
	Rochefort	30.73	47	NW	3	0	30.72	+08	46	44	+5	N	3	0	*	0	48	41	*	—	
	Biarritz	30.72	43	NNE	1	b	30.71	00	35	35	-6	E	2	f	4	b	55	32	*	—	
	Paris	30.60	44	WSW	2	0	30.68	+09	42	41	+10	Z	0	0	*	0	47	32	*	—	
	Belfort	30.58	36	WSW	2	r	30.67	+11	37	37	+4	WSW	2	f	*	r	39	33	*	0.08	
	Lyons	30.68	36	NNW	4	b	30.72	+09	36	35	0	NW	1	c	*	b	42	34	*	—	
SPAN. PEN.	Nice	30.35	46	Z	0	b	30.30	+11	46	35	+2	NE	1	bc	1	b	54	39	*	—	
	Perpignan	30.52	46	NW	6	b	30.48	-01	45	39	0	NW	6	b	*	b	52	43	*	—	
SPAN. PEN.	Corunna																		*		
	Lisbon																		*		
SPAN. PEN.	Azores (P. Delgada)																		*		

NOTE: The Sunshine for London given in this Table is recorded at the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Tuesday, 7th January, 1902*

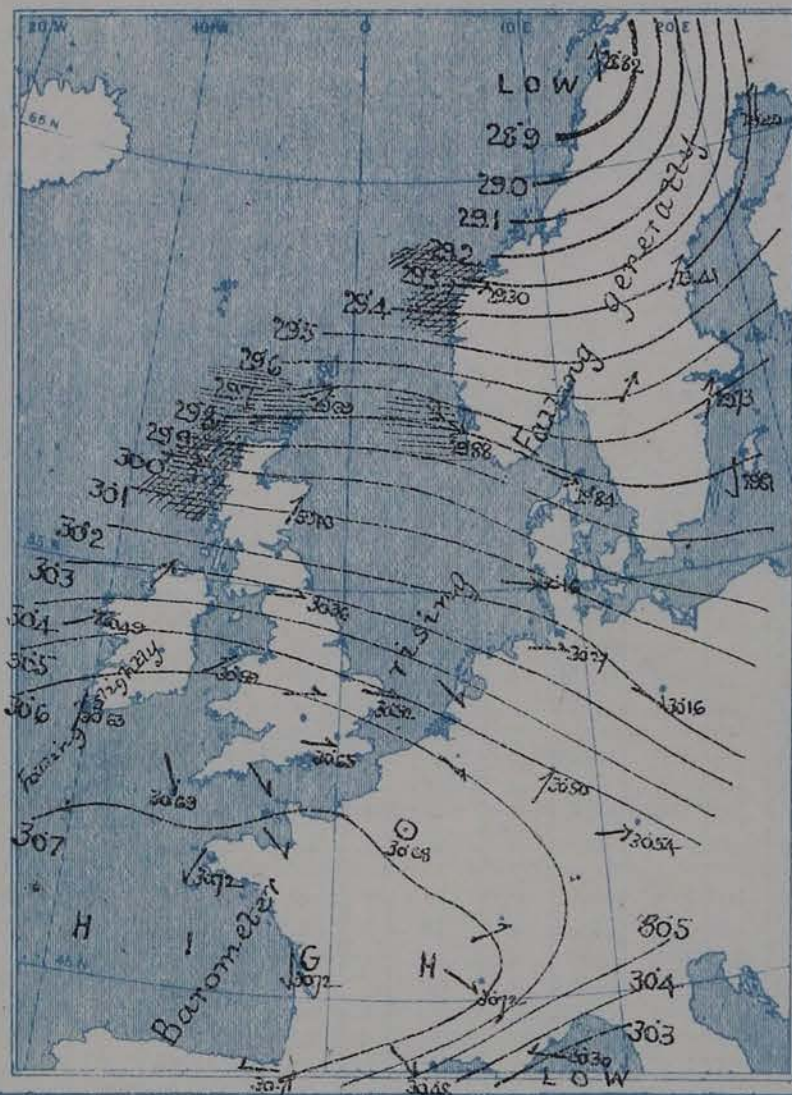
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High :



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

recorded in month of JANUARY (1871-1900)

Specimen { Highest Max..... 58°
(for Shields) { Lowest Min..... 6°

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

December - January (1871-1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

An anticyclone now covers all the more southern parts of our area, the highest barometer readings, 30.7 ins. and upwards, being reported over the Bay of Biscay and the western and central parts of France. The centre of a large and deep cyclonic system, with minimum readings of about 28.8 ins. is lying off the coasts of Finland and the barometer is falling at most of the Scandinavian stations. A slight fall is also reported in the west of Ireland, but in all other parts of our area the mercury is at present rising.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is westerly over Great Britain and the countries lying to the eastward of the North Sea, and blows with the force of a gale in the Shetlands, the Hebrides and the west of Norway; in Sweden it is light from between west and south. Over the English Channel and France light north-westerly or northerly breezes are reported. In Ireland the wind has backed to the south-westward. Temperature has fallen slightly in most parts of the United Kingdom, but is still high for the time of year, the morning readings being above 45° in all districts excepting the east and south of England, at again the thermometer stands at 50°, but in London the reading is only 41°. At most of the Continental stations the thermometer has risen and frost is now confined to Sweden, the lowest temperature reported being 5° at Haparanda. The weather is cloudy or dull over western Europe generally, with rain in the Hebrides and the west of Norway. In the east of Scotland, however, and also in the extreme south of France, the weather is fine. The sea is very high off the Hebrides and the west of Norway and rough at Lumburg Head, but moderate or slight elsewhere.

During yesterday the thermometer rose to 50° or slightly above it in many parts of the United Kingdom, the highest reading reported being 53° at Dungeness. The amount of bright sunshine was fairly large on our south and east coasts, but small elsewhere; at many of our western and northern stations there was none. Slight rain fell on our extreme western and northern coasts and larger quantities in Norway and Germany; snow occurred in Sweden.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fall of the barometer and the backing winds now reported in the west of Ireland appear to indicate the approach of a cyclonic system towards our north-west coasts. Increasing S.W. and W. winds, and rain, are therefore probable in the west and north of our islands generally.

FORECASTS *

For the 24 hours ending at NOON on 8th January, 1902.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
10 { SCOTLAND NORTH	W ^{ly} to SW ^{ly} winds, strong, a gale in places; squally, some rain.	6 { SCOTLAND WEST	Same as No. 0.
11 { SCOTLAND EAST	SW ^{ly} winds, freshening; fair at first, some rain later.	7 { ENGLAND N.W.	W ^{ly} to SW ^{ly} winds, freshening; fair at first, some rain later.
2 { ENGLAND N.E.	W ^{ly} to SW ^{ly} winds, freshening; fair generally, but cloudy.	8 { ENGLAND S.W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	SW ^{ly} winds, freshening; dull, some rain.
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH		WARNINGS	At 7.10 pm. yesterday to districts 0, 1 and 6 "Hoist North Cone". The signals are also flying in district 9.

Note—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.		Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*	*	*	*	c	*	b, c	50	39	3.0	—
Newton Reigny (Penrith)	30.39	46	W 6	o	30.43 +2.0	47	45	+1	WSW 6	o	*	oggy	48	45	0.0	—
Bath	30.51	44	W 1	c	30.66 +1.7	42	41	-4	W 1	o	*	c	51	37	0.6	—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	49	39	c, b	2.5	—	Worthing	*	*	*	3.3	*
Birmingham, 9 p.m.	48	40	b	0.0	—	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	50	35	b	0.4	—	Rhyl	*	*	*	1.0	*
Hastings	*	*	*	4.0	*	Southport, 9 p.m.	47	45	o	0.0	—
Eastbourne	*	*	*	3.0	*	Manchester, 9 p.m.	48	44	b	0.0	—
Brighton	*	*	*	4.3	*	Darwen, 9 p.m.	44	41	cv	0.0	0.05

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	<i>Information not recd</i>			Ins.	Algiers	62.6	50.0	W. cloudy	0.35
Madrid	61.2	34.7	Fair	—	Tunis	69.8	41.0	Cloudy	—
Corsica (I. Sanguinaires)	57.2	42.8	Foggy	—	Vienna	53.6	39.2	Overcast	—
Rome	55.0	42.1	Fair	—	St. Petersburg	33.8	15.8	Snow	—
Florence	48.9	39.6	8°	—	Lugano	1 p.m.	—		Measured 7 a.m.
Trieste	37.4	24.8	V. Fair	—	Davos	—	—		
Brindisi	55.9	41.7	Fine	—	Lucerne	—	—		
Naples	54.3	47.1	Fine	—	Lausanne	—	—		
Palermo	61.0	35.8	V. Fine	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

	7 Jan., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.4	11.59	3.54	
Greenwich	8.6	12.6	4.6	
Wick	9.0	12.18	3.36	
Valencia	8.49	12.47	4.44	

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 8th January 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 5.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall. Ins.	
		At 92° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 92° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Max.	Min.				
		Ins.					Ins.	Ins.	°	°											
SCANDINAVIA.	Haparanda	29.11	30	S	4	0	29.10	-30	25	24	+20	W	4	bc	*	0	34	-15	*	0.12	
	Hernösand	29.37	34	SW	2	6	29.47	+06	27	26	-1	Z	0	6	*	6	36	19	*	—	
	Stockholm	29.62	36	W	2	6	29.73	-00	34	32	+5	SW	2	bc	*	6	36	28	*	—	
	Wisby	29.71	39	S	6	6	29.84	+03	37	36	+2	SW	4	bc	*	6	41	34	*	—	
	Karlstad	29.40	38	SW	4	6	29.71	+04	39	37	+5	SW	4	6	*	6	*	*	*	—	
	Färder (X'ania Fjord)	29.48	42	WSW	4	6	29.75	+07	41	39	0	SW	6	c	4	6	45	39	*	—	
	Bodö	28.82	35	SW	8	+	29.19	+34	33	31	-7	W	6	0	3	+	40	30	*	—	
	Christiansund	29.60	41	WSW	9	+	29.44	+14	38	34	-6	WSW	6	+	6	+	44	34	*	0.71	
BRITISH ISLANDS.	Skudesnaes	29.93	45	WNW	4	+	29.93	+05	46	44	0	W	8	0	5	0.7	46	43	*	*	
	Sumburgh Head	29.84	46	W	4	+	29.79	+10	46	46	0	WSW	7	0	7	+	46	36	*	0.35	
	Stornoway	30.07	50	W	6	0	30.03	+01	49	47	0	WSW	6	0.9	7	0	51	45	0.0	0.05	
	Malin Head	30.35	47	SW	7	c	30.24	-11	45	43	-3	SW	5	c	3	0.6	48	44	*	—	
	Blacksod Pt.	30.44	48	SW	5	cm	30.29	-20	48	46	0	SW	5	0.6pm	4	0.6pm	49	46	*	0.02	
	Valencia	30.56	46	SSE	2	op	30.35	-28	46	45	-1	SSE	3	0	4	0.6pm	48	46	0.0	0.03	
	Roche's Point	30.62	44	WSW	3	c	30.43	-25	47	45	+2	SSW	4	0	3	7.6	48	43	*	—	
	Parsonstown	30.55	45	SE	1	0	30.40	-20	44	42	-1	SSE	1	0.9	*	0	46	42	0.0	—	
GERMANY, &c.	Donaghadee	30.46	48	W	3	0.9	30.39	-09	44	41	-3	SW	2	0.9	2	0.9	48	42	*	—	
	Liverpool Obsy.	30.57	45	WSW	3	0	30.48	-02	43	41	-2	SSW	1	0	2	0	47	42	*	—	
	Holyhead	30.57	46	SW	2	0	30.46	-13	46	44	-1	SW	3	0	2	0	47	43	*	—	
	Pembroke (St. Ann's)	30.63	46	W	3	0	30.49	-15	48	44	0	SSW	5	0.9	4	0	50	44	0.9	—	
	Scilly (St. Mary's)	30.60	51	S	1	c	30.49	-20	49	46	0	S	4	0	1	0.6	54	45	0.0	—	
	Jersey (St. Aubins)	30.71	48	ENE	1	0	30.59	-13	45	40	-3	ESE	2	0	2	0.9	50	44	0.0	—	
	Portland Bill	30.66	44	WNW	2	0	30.56	-11	45	43	-2	SSE	2	0	2	0	48	45	*	—	
	Dungeness	30.65	44	NW	1	0	30.59	-05	43	41	0	NW	1	0	2	0	47	41	*	—	
FRANCE.	Wick	30.01	49	NW	6	c	29.97	+07	49	46	0	WSW	4	c	2	c	51	39	*	—	
	Nairn	30.12	50	W	3	0	30.10	+08	48	46	-2	Z	0	c	1	0	52	45	*	—	
	Aberdeen	30.19	48	SW	3	6	30.15	+05	46	42	-2	SW	2	bc	1	0.6	51	43	0.0	—	
	Leith	30.28	46	WSW	4	0	30.25	+03	46	43	-3	SW	4	0	*	0	50	45	*	—	
	North Shields	30.40	48	SW	2	m	30.33	-03	44	42	-5	W	4	c	2	c, m, q	51	42	*	—	
	Spurn Head	30.47	45	W	5	c	30.44	-04	42	40	-3	SW	4	c	2	c	47	40	*	—	
	Yarmouth	30.53	45	WSW	3	c	30.51	-01	42	40	-1	W	4	c, m	4	c	47	40	*	—	
	Loughborough	30.58	45	W	3	0	30.51	-05	42	40	-4	WSW	2	0.9	*	c, 0.9	48	42	*	—	
SPAN. PEN.	Oxford	30.66	44	W	2	0	30.58	-07	42	40	-1	SW	1	0.9	*	0	47	42	*	—	
	London (Brixton)	30.65	45	W	1	6	30.58	-07	43	40	+2	W	1	0	*	0.6	46	41	0.0	—	
	The Scaw (Skagen)	29.92	43	WNW	7	6	29.92	+08	43	43	+2	NW	7	c	2	6	46	41	*	—	
	Fanö	30.25	43	W	6	6	30.27	+11	43	42	0	W	6	0	*	6	45	43	*	—	
	Cuxhaven	30.37	44	W	5	6	30.41	+14	42	41	-2	WSW	4	0	*	6	45	39	*	—	
	The Helder	30.48	45	W	4	6	30.48	+07	44	41	-2	W	3	0	3	6	46	43	*	—	
	Brussels	*	*	*	*	*	30.63	+02	41	37	-3	W	2	0	*	0	47	40	*	—	
	Berlin	30.32	45	W	4	0	30.39	+23	45	43	+1	W	5	0	*	0	46	44	*	0.04	
SPAN. PEN.	Frankfurt	30.62	45	WSW	2	0	30.64	+14	43	40	-2	SW	2	0	*	0	46	43	*	—	
	Munich	30.66	39	SW	5	0	30.66	+12	34	33	-5	SW	3	bc	*	0	41	32	*	0.04	
	C. Gris Nez	30.65	47	W	3	bc	30.60	-02	44	43	-2	W	2	c	2	6	50	43	*	—	
	Brest	30.68	48	SSE	1	0	30.55	-14	44	42	-4	ESE	2	0	2	0	50	43	*	—	
	Lorient	30.71	46	E	1	0	30.55	-14	41	39	-5	E	3	bc	2	0	50	39	*	—	
	Rochefort	30.58	44	ENE	2	6	30.56	-16	37	36	-9	E	3	6	*	6	48	36	*	—	
	Biarritz	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Paris	30.72	45	NNE	2	0	30.65	-03	30	30	-12	NNE	1	6	*	0	49	29	*	—	
Belfort	30.69	36	WSW	2	f	30.65	-02	30	30	-7	NE	3	m	*	f	40	27	*	—		
Lyons	30.69	40	N	2	6	30.66	-06	34	33	-2	N	1	0	*	6	46	34	*	—		
Nice	30.30	46	E	3	6	30.49	+19	42	36	-4	Z	0	6	1	6	57	41	*	—		
Perpignan	30.47	48	NW	1	6	30.55	+07	31	29	-14	W	1	6	*	6	56	29	*	—		
SPAN. PEN.	Corunna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lisbon	30.42	51	NE	3	6	30.46	+02	44	40	-2	NNE	4	bc	*	6	59	43	*	—	
	Azores (P. Delgada)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Wednesday, 8th January, 1902

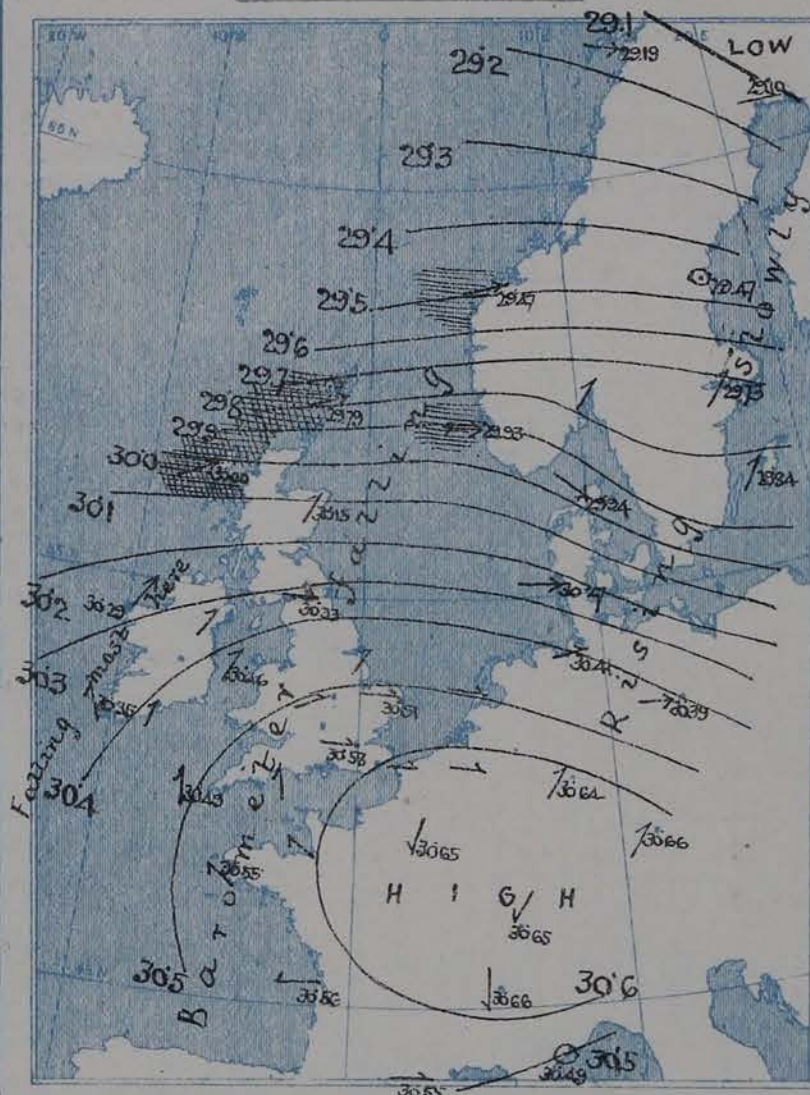
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough → : High →



II TEMPERATURE AND WEATHER. This Morning

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III BAROMETER AND WIND

Yesterday morning.



IV EXTREMES OF TEMPERATURE

recorded in month of JANUARY (1871-1900)

Specimen { Highest Max. 58°
(for Shields) { Lowest Min. 6°

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

January (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A large anticyclone still lies over England, Ireland, France, Germany and the Netherlands, the highest barometer readings, 30.6 inches and upwards, being reported over northern and central France, Belgium and western and southern Germany. The system is however, moving eastwards, so that while the barometer is rising in Sweden, Denmark and Germany, it is falling in our islands and France—rather briskly in the west of Ireland. The lowest pressures, 29.1 ins. and less, are at present reported in the north of Scandinavia.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is moderate to fresh from the southward on our south-west coasts and light from the south-westward in most other parts of the United Kingdom. In the Shetlands and Hebrides however, and on the eastern shores of the North Sea it is strong from the westward, with a gale at Skudenes, while in the South of Sweden it is light from south-west. Over the greater part of France, light northerly to easterly breezes are reported. Temperature has fallen slightly in our islands, the Netherlands and Germany and more decidedly in France. Over the United Kingdom the readings are still above the average, especially in the north of Scotland, where the excess amounts to about 10°; readings above 45° are reported at most of our western and northern stations, the highest being 49° at Stornoway, Wick and Scilly. In many parts of England, however, the thermometer is below 45°, the lowest reading reported being 41° at Newton Regis (Bristol). Slight frost prevails in Central France and a more decided frost in the northern parts of Sweden. The weather is cloudy or dull in our islands and the northwestern parts of the Continent, with rain at some of the Irish stations, and also at Christiansund. Over Sweden and the greater part of France and south Germany the weather is fine. The sea is high off the north of Scotland and rough on the Norwegian coast, but moderate or slight elsewhere. During yesterday the thermometer rose to 50° or slightly above it at many stations in the western and northern parts of Great Britain. Very little bright sunshine was registered at any of our stations; in many places there was none. Rain fell on our extreme western and northern coasts but the amount was, as a rule, small.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably continue to move eastwards and low pressure systems are likely to arrive shortly off our extreme western coasts. Increasing S.W. winds and rain are therefore probable in the west, but a continuance of fair weather (for the present) in all our more eastern districts.

FORECASTS *

For the 24 hours ending at NOON on 9th January, 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	SW ^{ly} winds, strong; dull, squally, some rain
1	{ SCOTLAND EAST	SW ^{ly} to S ^{ly} winds, moderate or fresh; fair at first, some rain later.
2	{ ENGLAND N.E.	SW ^{ly} to S ^{ly} winds, light to moderate; fair generally.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as No. 0.
7	{ ENGLAND N.W.	SW ^{ly} winds, freshening; cloudy, some rain.
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	S ^{ly} winds, increasing in force; dull, squally, some rain.
10	{ IRELAND SOUTH	
WARNINGS		At 7 pm. yesterday to districts 0, 1 and 6 "Lower Cone."

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	0	45	40	0.0	—
Newton Reigny (Penrith)	30.47	46	W 5	0	30.41	-.02	41	39	-6	WSW 2	0	*	09	47	41	0.0	—
Bath	30.57	47	W 2	0	30.56	-.10	43	41	+1	SW 1	0	*	0	48	43	0.9	—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	48	44	C	0.0	—	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	46	41	0	0.1	—	Llandudno	*	*	*	0.5	*
Lowestoft, 6 p.m.	47	40	C	0.1	—	Rhyl	*	*	*	0.8	*
Hastings	*	*	*	0.1	0	Southport, 9 p.m.	47	45	0	0.0	—
Eastbourne	*	*	*	0.3	*	Manchester, 9 p.m.	48	44	0	0.0	—
Brighton	*	*	*	0.3	*	Darwen, 9 p.m.	44	41	0	0.0	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JAN: 7	—	—	—	Ins.	Algiers ... JAN: 7	57	50	C, 0	—
Madrid	45	24	C, b	—	Tunis	70	46	C, 0	—
Corsica (I. Sanguinaires)	57	45	b, m	—	Vienna	43	39	r, r	0.35
Rome	51	37	b, b	—	St. Petersburg	32	14	0, S	0.04
Florence	50	30	b, b	—	Lugano	52	—	b	Measured 7 a.m.
Trieste	54	39	b, b	—	Davos	23	—	b	—
Brindisi	55	43	b, b	—	Lucerne	39	—	C	0.24
Naples	56	44	b, b	—	Lausanne	39	—	b	—
Palermo	—	—	—	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
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Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

JAN. 8, 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.4	12.0	3.56
Greenwich	8.6	12.7	4.8
Wick	9.0	12.19	3.38
Valencia	8.49	12.48	4.46

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Thursday 9th January 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.		
				Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Max.	Min.				
																				At 32° and M.S.L.	Dry Bulb.
SCANDINAVIA.	Haparanda	29.12	22	W	4	0	29.26	+16	14	15	-8	NW	4	6	*	0	30	17	*	-	
	Hernösand	29.49	36	SW	4	6	29.54	+07	32	32	+5	SW	2	0	*	6	37	25	*	-	
	Stockholm	29.80	36	Z	0	0	29.40	-03	37	35	+3	SW	2	0	*	0	41	28	*	-	
	Wisby	29.81	39	SW	4	6	29.85	+01	41	39	+4	W	2	0	*	6	43	36	*	-	
	Karlstad	29.84	39	NW	2	6c	29.75	+04	40	38	+1	WNW	2	0	*	6c	*	*	*	-	
	Færder (X'ania Fjord)	29.85	41	WSW	5	6c	29.76	+01	40	39	-1	SW	6	0	4	6c	43	39	*	-	
	Bodö	29.26	28	W	8	5	29.45	+26	30	27	-3	WNW	6	6c	3	5	34	25	*	-	
	Christiansund	29.77	37	W	9	0	29.54	+07	42	41	+4	W	5	+	6	0	43	34	*	0.64	
	Skudesnaes	30.03	45	WNW	6	0	29.82	-11	44	42	-2	SSW	4	0	4	0	46	43	*	*	
	Sumburgh Head	29.85	46	WSW	7	0	29.43	-36	44	44	-2	SSW	4	0	6	7.0	47	43	*	0.16	
BRITISH ISLANDS.	Stornoway	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Malin Head	30.08	45	SSW	6	c	29.68	-56	45	44	0	SW	5	mp	4	c	48	44	*	0.05	
	Blacksod Pt.	30.04	49	SSW	6	qpm	29.80	-49	46	44	-2	WSW	6	omp	5	omp,qpm	50	43	*	0.18	
	Valencia...	30.16	49	SSE	4	og	30.00	-35	52	51	+6	SSW	4	0	5	og,og	52	46	0.0	0.06	
	Roche's Point	30.26	48	SSW	5	0	30.07	-36	49	49	+2	SW	6	pm	4	0	49	47	*	0.18	
	Parsonstown	30.18	47	SE	3	0	29.95	-45	47	45	+3	SW	1	6c	*	7.0	49	43	0.5	0.02	
	Donaghadee	30.19	45	SSW	2	cg	29.83	-56	48	47	+4	SW	3	c	3	cg	48	43	*	-	
	Liverpool Obsy.	30.33	44	SSW	1	0	30.03	-45	48	47	+5	SSW	2	+	2	0	49	39	*	0.02	
	Holyhead	30.29	46	SW	2	ogmdp	30.01	-45	48	47	+2	SW	7	cp	5	ogmdp	48	44	*	0.13	
	Pembroke (St. Ann's)	30.30	46	SSW	5	0	30.11	-38	50	49	+2	SW	5	cgq	5	0	50	43	0.0	0.04	
GERMANY, &c.	Scilly (St. Mary's)	30.33	48	S	4	0	30.21	-28	51	51	+2	SSW	5	0	4	0	51	46	0.0	-	
	Jersey (St. Aubins)	30.45	43	ENE	2	bm	30.38	-21	47	44	+2	SW	3	cg	3	6, w	48	36	5.8	-	
	Portland Bill	30.45	43	SSE	2	0	30.27	-29	48	47	+3	SW	4	om	4	0	48	43	*	-	
	Dungeness	30.47	44	WSW	2	0	30.31	-28	44	43	+1	W	2	0	2	0	46	41	*	-	
	Wick	29.81	45	SW	2	c	29.43	-54	47	45	-2	S	5	0	1	c	51	42	*	0.02	
	Nairn	30.00	45	SW	3	c	29.49	-61	50	46	+2	WSW	4	c	2	c	50	42	*	-	
	Aberdeen	30.07	43	SSW	2	0	29.62	-53	47	45	+1	SSW	5	cgq	3	cg,0	47	41	0.0	-	
	Leith	30.14	44	WSW	3	c	29.72	-53	50	46	+4	SSW	5	0	*	c	50	43	*	-	
	North Shields	30.24	46	SSW	2	m	29.88	-45	45	43	+1	SW	3	0	2	cm	47	42	*	-	
	Spurn Head	30.33	43	SSW	4	0	30.06	-38	41	39	-1	SSW	4	6c	3	0	47	39	*	-	
FRANCE.	Yarmouth	30.42	42	SW	2	c	30.19	-32	40	38	-2	SW	4	cg	3	c	43	39	*	-	
	Loughborough	30.40	42	SW	2	0	30.13	-38	42	40	0	SSW	4	6c	*	ogm,c	44	40	*	-	
	Oxford	30.42	42	SW	2	0	30.19	-39	44	43	+2	SSW	2	og	*	og	44	40	*	-	
	London (Brixton)	30.46	43	W	1	0	30.25	-33	44	41	+1	WSW	2	0	*	og	44	40	0.0	-	
	The Scaw (Skagen)	30.00	43	WNW	7	6	29.92	-00	43	43	0	WNW	4	m	1	6	45	43	*	-	
	Fanö	30.28	41	W	5	0	30.12	-15	41	40	-2	SW	5	0	*	0	43	41	*	-	
	Cuxhaven	30.42	42	W	3	0	30.23	-18	40	38	-2	SW	3	0	*	0	43	39	*	-	
	The Helder	30.41	43	WSW	2	0	30.21	-27	41	40	-3	SW	3	0	3	0	44	41	*	-	
	Brussels	*	*	*	*	*	30.35	-28	33	32	-8	SW	3	r	*	0	50	31	*	-	
	Berlin	30.43	43	W	4	0	30.32	-07	38	36	-7	W	2	0	*	0	45	37	*	-	
SPAN. PEN.	Frankfurt	30.56	36	W	1	6	30.41	-23	26	26	-14	SW	2	f	*	6	43	26	*	-	
	Munich	30.57	31	SE	1	6	30.45	-21	27	25	-7	Z	0	6	*	6	39	25	*	-	
	C. Gris Nez	30.47	39	SW	1	6c	30.30	-30	41	40	-3	W	3	6c	3	6c	48	37	*	-	
	Brest	30.43	42	ESE	1	6c	30.37	-18	48	47	+4	SW	3	c	3	6c	48	41	*	-	
	Lorient	30.65	45	E	1	0	30.43	-12	48	46	+7	SW	2	c	2	0	48	39	*	-	
	Rochefort	30.50	39	SE	2	m	30.51	-05	42	41	+5	SE	2	0	*	m	42	37	*	-	
	Biarritz	30.49	47	Z	0	6	30.53	-00	32	31	-8	ESE	2	6	2	6	54	30	*	-	
	Paris	30.50	36	E	2	6	30.43	-22	36	35	+6	W	3	0	*	6	46	30	*	-	
	Belfort	30.52	36	ENE	3	6	30.49	-16	26	24	-4	WSW	3	6	*	6	42	22	*	-	
	Lyons	?	32	ESE	1	6	30.62	-04	23	23	-11	ENE	1	f	*	6	41	23	*	-	
Nice	30.50	46	Z	0	6	30.53	+04	38	36	-4	E	2	6c	1	6	55	37	*	-		
Perpignan	30.50	39	Z	0	6	30.53	-02	34	34	+3	Z	0	6	*	6	51	29	*	-		
SPAN. PEN.	Corunna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lisbon	30.46	50	NNE	3	6	30.49	+03	42	40	-2	NNE	4	6	*	6	54	41	*	-	
Azores (P. Delgada)	30.26	61	SSE	4	6c	30.17	?	62	60	?	S	5	c	5	6c	63	52	*	0.04		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Thursday, 9th January, 1902

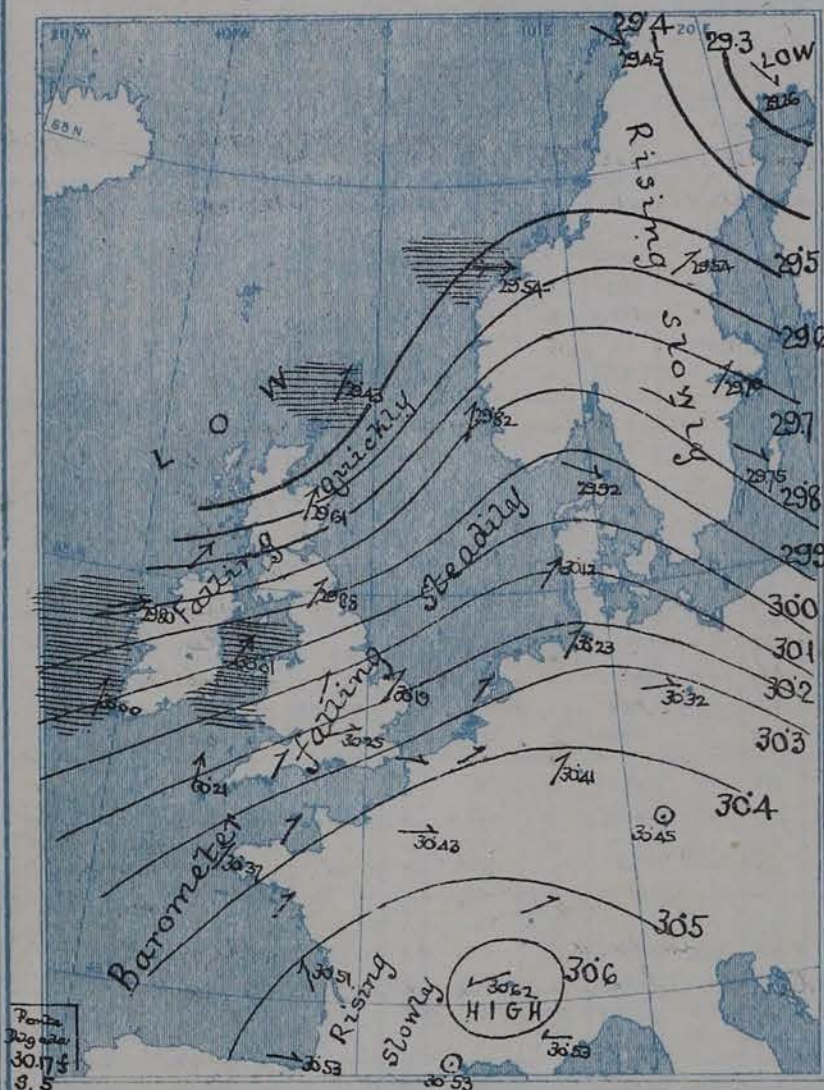
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough ■ : High ■

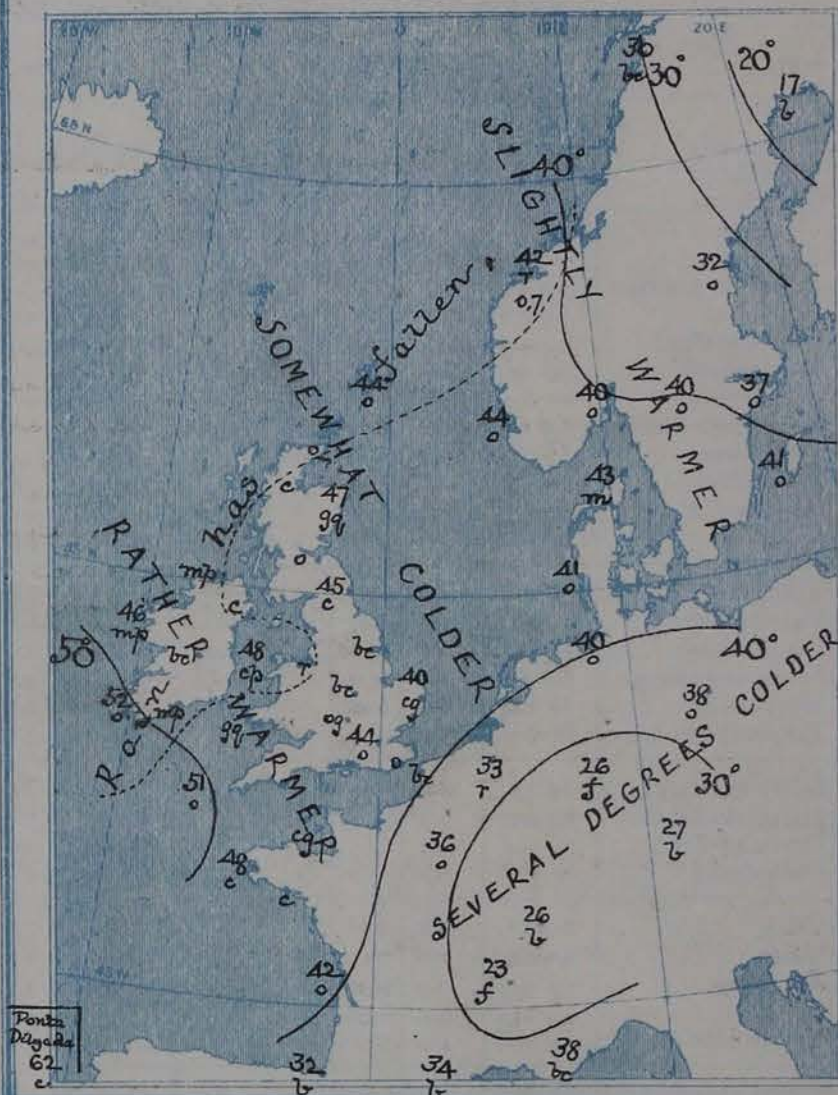


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

recorded in month of JANUARY (1871-1900)

Specimen { Highest Max. 58°
(for Shields) { Lowest Min. 6°

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

January (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone recently noticed over the southern parts of our area has moved southward and has partially dispersed, the highest pressures, 30.5 ins. and upwards, being now found over central and southern France. The lowest readings, 29.3 ins. and less, are still reported in Lapland, but a new cyclonic disturbance, with minima apparently below 29.4 ins. is shifting the north-west of Scotland and is occasioning a rather rapid fall of the barometer on our northern coasts. The report from Stornoway has not yet arrived.

WIND

TEMPERATURE

WEATHER

AND

SEA

South-westerly winds prevail over north-western Europe generally and blow freely or strongly on our west and north-west coasts; in the west of Norway the wind is strong from the westward, with a gale at Christiansund. Light south-easterly breezes are reported in the south-west of France. Temperature has fallen slightly over the North Sea and more decidedly in Germany, but has risen elsewhere. The readings over our islands are considerably above the average, especially in the north, the thermometer being as high as 50° both at Naism and Leith; on our extreme south-west coasts it is slightly above 50°. Over eastern and central England the readings range between 40° and 44°. Frost prevails over central France and western and southern Germany, the lowest readings reported there being 23° at Lyons and 26° at Belfort and Frankfurt. The weather is cloudy or dull in nearly all parts of our area, with rain or passing showers at several of our western stations and also at Christiansund. The sea is rough at Dumburgh Head and Christiansund and rather rough on most parts of our western coasts, but slight or smooth elsewhere.

During yesterday the thermometer rose to 50° or slightly above it at several of our western and northern stations; over eastern and central England however, it did not reach 45°. Over the United Kingdom as a whole there was an entire absence of bright sunshine, the only station with an appreciable amount being Jersey, where 5.8 hrs. were registered. A little rain fell in the west and extreme north of our islands, and a larger quantity in the west of Norway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic area off the north-west of Scotland appears to be travelling north-eastwards, but the conditions are favourable for the advance of fresh disturbances from the Atlantic. Mild S.W. winds are likely to continue and to blow very strongly in the west and north, with a gradual extension of rainy weather.

FORECASTS *

For the 24 hours ending at NOON on 10th January, 1902

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
No 0	SCOTLAND NORTH	SW ² to W ² winds, strong; mild, squally, some showers.	No 6	SCOTLAND WEST	SW ² winds, strong to a gale; dull. Some rain.
	SCOTLAND EAST			ENGLAND N.W.	
1	ENGLAND N.E.	SW ² winds, fresh or strong; cloudy, some showers.	7	ENGLAND S.W.	SW ² winds, strong in places; cloudy, some rain.
2	ENGLAND EAST		8	IRELAND NORTH	
3	MIDLAND COUNTIES	SW ² winds, moderate or fresh; mild, cloudy, local showers.	No 9	IRELAND SOUTH	Same as No 6.
4	ENGLAND SOUTH				
5			WARNINGS		At 7pm. yesterday to districts 6, 9, 10 and part of 0. 'Hoist South Cone'.

Note.—The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (⌴), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.						PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Ses.	Weather.	Temperature. Max. Min.		Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	0	42	39	0.0	—
Newton Reigny (Penrith)	30.14	45	SW 1	0	29.89	— 52	44	42	+3	SW 4	7	099, 7	45	40	0.0	0.01
Bath	30.42	46	W 3	bc	30.18	— 38	48	46	+5	SW 3	0	bc	48	41	0.0	—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	45	41	c	0.0	—	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	43	40	0	0.0	—	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	0.5	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	45	43	og	0.0	—
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	46	41	0	0.0	—
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	42	38	0	0.0	0.01

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	?	?	?	Ins.	Algiers	61	50	c, b	—
Madrid	?	?	?	?	Tunis	59	42	c, c	—
Corsica (I. Sanguinaires)	57.2	42.8	c	—	Vienna	46	43	o, c	0.91
Rome	52	35	b	—	St. Petersburg	32	12	s, s	—
Florence	47	34	b	—	Lugano	61	—	b	Measured 7 a.m.
Trieste	54	39	b	—	Davos	32	—	b.c.	—
Brindisi	56	57	b	—	Lucerne	42	—	b	—
Naples	54	45	b	—	Lausanne	43	—	b	—
Palermo	62	40	b	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

9 Jan 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.3	12.0	3.57
Greenwich	8.5	12.7	4.9
Wick	8.59	12.19	3.40
Valencia	8.48	12.48	4.48

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Friday 10th January 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine Hours	Rainfall Ins.		
		At 32° and M.S.L.	Ins.	Dry Bulb.	Direc.		Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.			Force (0 to 12.)	Weather.			Max.	Min.
SCANDINAVIA.	Haparanda	29.45	9	W	2	b	29.20	-0.6	16	16	-1	Z	0	b	*	b	30	1	*	-		
	Hernösand	29.47	26	Z	0	o	28.73	-61	32	32	0	WNW	4	o	*	o	36	19	*	0.28		
	Stockholm	29.62	36	Z	0	o	29.24	-0.46	39	36	+2	WSW	4	c	*	o	41	30	*	0.04		
	Wisby	29.41	41	W	4	o	29.43	-0.42	39	37	-2	W	4	o	*	o	43	37	*	0.04		
	Karlstad	29.48	38	SW	6	+	29.28	-0.47	39	36	-1	SW	4	b	*	+	*	*	*	0.08		
	Færder (X'ania Fjord)	29.46	41	SSW	7	o	29.40	-0.36	40	36	0	W	6	c	4	o	41	37	*	-		
	Bodö	29.25	25	E	2	b	28.94	-0.51	23	26	-2	E	4	o	2	b	30	23	*	-		
	Christiansund	29.11	40	WSW	8	+	29.12	-0.42	34	33	-8	WSW	9	s	6	+	43	34	*	0.32		
	Skudesnaes	29.47	44	WSW	8	b	29.52	-0.30	40	38	-4	W	6	c	5	+	45	39	*	*		
	Sumburgh Head	29.15	41	WSW	7	o	29.33	-0.10	38	34	-6	W	8	o	7	c, +	46	34	*	0.37		
BRITISH ISLANDS.	Stornoway	29.76	47	SW	8	cpq	29.83	+0.15	41	41	-4	WSW	4	omp	3	bc, cpq	47	39	*	0.12		
	Malin Head	29.94	47	WSW	5	f	29.83	+0.03	40	39	-6	?W	5	rm	4	c, f	48	36	*	0.52		
	Blacksod Pt.	29.94	47	WSW	5	f	29.91	-0.09	52	51	0	S	5	og	5	omd	52	47	0.0	0.08		
	Valencia...	30.08	47	WSW	1	omd	29.91	-0.09	52	51	0	S	5	og	5	omd	52	47	0.0	0.08		
	Roche's Point	30.07	50	WSW	4	om	30.00	-0.07	50	49	+1	WSW	5	om	4	om	51	48	*	0.02		
	Parsonstown	30.02	45	SW	1	b	29.86	-0.09	50	49	+3	SW	3	ot	*	ot, b	52	41	0.0	0.15		
	Donaghadee	29.85	44	NNW	2	bc	29.89	+0.06	40	40	-8	SW	2	ot	2	bc	50	39	*	0.08		
	Liverpool Obsy.	29.99	51	SW	4	o	29.94	-0.09	45	45	-3	Z	0	o	?	of	52	43	*	0.14		
	Holyhead	30.01	46	W	6	tdgm	29.92	-0.09	48	48	0	SW	4	fd	3	odgm	50	46	*	0.24		
	Pembroke (St. Ann's)	30.08	50	SW	5	o	30.03	-0.03	49	48	-1	WSW	6	og	5	o, nu	50	48	0.0	0.02		
GERMANY, &c.	Scilly (St. Mary's)	30.15	50	SSW	5	omp	30.13	-0.08	51	50	0	WSW	5	o	5	omp, f	52	49	1.0	0.02		
	Jersey (St. Aubins)	30.37	49	SSW	4	og	30.28	-0.10	51	49	+4	SSW	5	om	4	b, og, p	52	45	2.5	0.01		
	Portland Bill	30.24	50	SW	4	od	30.16	-0.11	49	49	+1	SW	3	fd	4	od	51	48	*	0.06		
	Dungeness	30.25	48	WSW	6	o	30.18	-0.13	48	48	+4	SW	5	o	4	o	48	43	*	0.02		
	Wick	29.35	35	W	4	c	29.58	+0.15	36	35	-11	W	5	cap	3	bc, q, p	48	35	*	0.32		
	Nairn	29.44	43	WSW	3	c	29.66	+0.17	39	37	-11	W	1	bc	1	c	50	36	*	0.25		
	Aberdeen	29.56	43	SW	4	bc	29.71	+0.09	39	36	-8	SW	2	bc	1	bc, q, p	50	38	1.9	0.01		
	Leith	29.70	45	SW	3	c	29.77	+0.05	43	40	-7	SW	3	c	*	c	51	41	*	0.02		
	North Shields	29.83	46	SW	3	b	29.85	-0.03	44	41	-1	SW	3	c	2	o, b	52	41	*	-		
	Spurn Head	29.97	48	SW	5	c	29.97	-0.09	43	43	+2	Z	0	f	2	c, d	51	40	*	0.02		
FRANCE.	Yarmouth	30.09	50	SW	5	c	30.04	-0.15	48	47	+8	WSW	4	sem	4	c	50	39	*	0.01		
	Loughborough	30.06	52	SW	6	o	30.02	-0.11	47	45	+5	SSW	3	o	*	c, q, b, o	52	42	*	-		
	Oxford	30.16	50	SW	4	+	30.10	-0.09	50	48	+6	SW	3	og	*	d, tq	52	44	*	0.03		
	London (Brixton)	30.19	51	SW	5	o	30.13	-0.12	49	48	+5	WSW	3	c	*	og, opd	51	43	0.0	0.02		
	The Scaw (Skagen)	29.62	42	SW	4	+	29.58	-0.34	42	42	-1	WNW	6	m	2	+	45	41	*	0.83		
	Fanö	29.87	44	WSW	5	o	29.88	-0.24	42	41	+1	WSW	6	o	*	o	45	41	*	-		
	Cuxhaven	30.11	38	SW	5	o	30.00	-0.23	45	44	+5	WSW	5	o	*	o	46	37	*	0.12		
	The Helder	30.13	45	SW	6	o	30.06	-0.15	46	46	+5	SW	4	o	4	o	46	32	*	-		
	Brussels	*	*	*	*	*	30.29	-0.06	39	?	+6	SSW	3	o	*	o	?	?	*	?		
	Berlin	30.22	38	W	4	o	30.11	-0.21	43	42	+5	WSW	3	o	*	o	43	36	*	-		
SPAN. PEN.	Frankfurt	30.46	35	SW	2	o	30.40	-0.01	36	35	+10	SW	2	o	*	o	37	26	*	-		
	Munich	30.42	37	Z	0	b	30.43	-0.02	25	25	-2	SE	2	f	*	b	45	25	*	-		
	C. Gris Nez	30.29	46	SW	5	o	30.22	-0.08	47	46	+6	WSW	6	o	6	o	50	41	*	-		
	Brest	30.34	49	SW	3	f	30.27	-0.10	51	50	+3	SW	3	o	3	f	51	46	*	0.16		
	Lorient	30.41	46	SW	4	o	30.32	-0.11	51	51	+3	SW	3	f	4	o	51	46	*	0.04		
	Rochefort	30.52	45	SW	2	o	30.47	-0.04	42	42	0	S	1	o	*	o	45	41	*	-		
	Biarritz	30.50	35	ENE	2	m	30.45	-0.08	29	29	-3	E	3	m	2	m	46	28	*	-		
	Paris	30.49	41	SSW	2	o	30.39	-0.04	40	39	+4	S	2	o	*	o	41	36	*	-		
	Belfort	30.52	30	WSW	3	m	30.47	-0.02	28	28	+2	WSW	4	f	*	m	36	26	*	-		
	Lyons	30.55	30	NNW	1	f	30.47	-0.15	28	28	+5	E	1	f	*	f	32	23	*	-		
Nice	30.49	44	Z	0	o	30.45	-0.08	39	37	+1	E	2	c	2	o	50	37	*	-			
Perpignan	30.49	40	Z	0	b	30.46	-0.07	37	37	+3	SW	1	o	*	b	53	31	*	-			
SPAN. PEN.	Corunna	30.41	49	NNE	4	b	30.36	-0.13	41	39	-2	NNE	4	b	*	b	54	41	*	-		
	Lisbon	30.41	49	NNE	4	b	30.36	-0.13	41	39	-2	NNE	4	b	*	b	54	41	*	-		
SPAN. PEN.	Azores (P. Delgada)	30.41	49	NNE	4	b	30.36	-0.13	41	39	-2	NNE	4	b	*	b	54	41	*	-		
	Azores (P. Delgada)	30.41	49	NNE	4	b	30.36	-0.13	41	39	-2	NNE	4	b	*	b	54	41	*	-		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

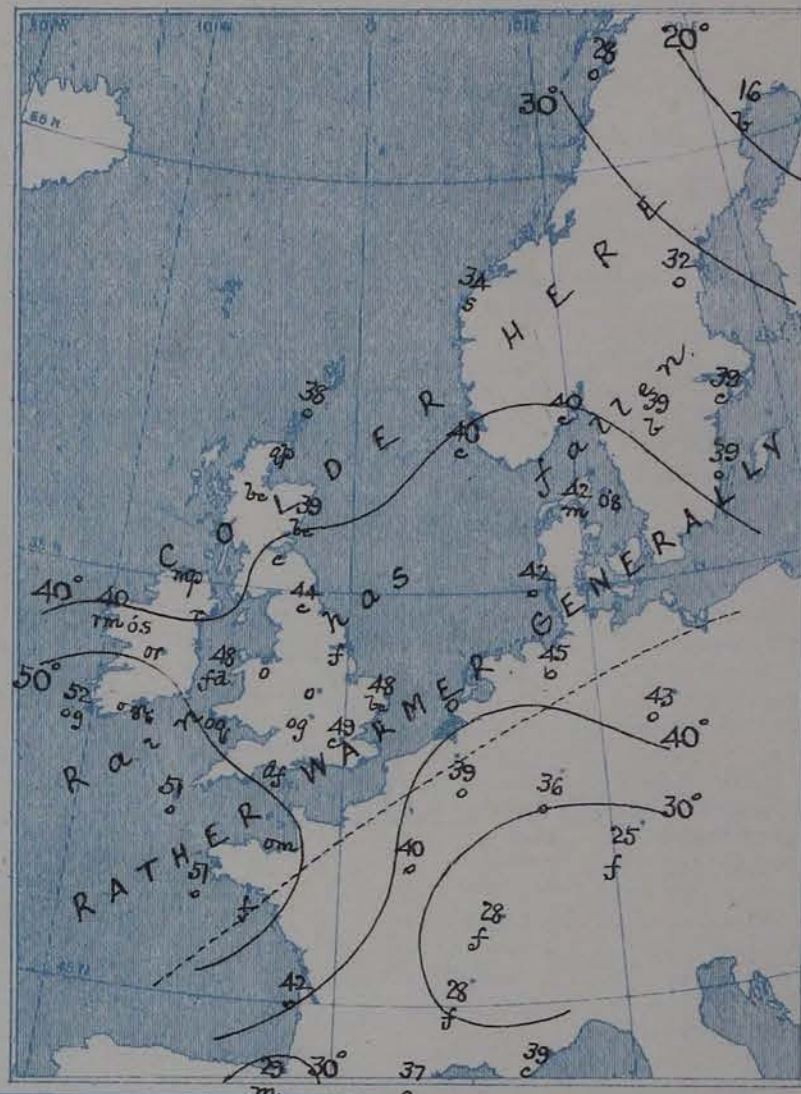
* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

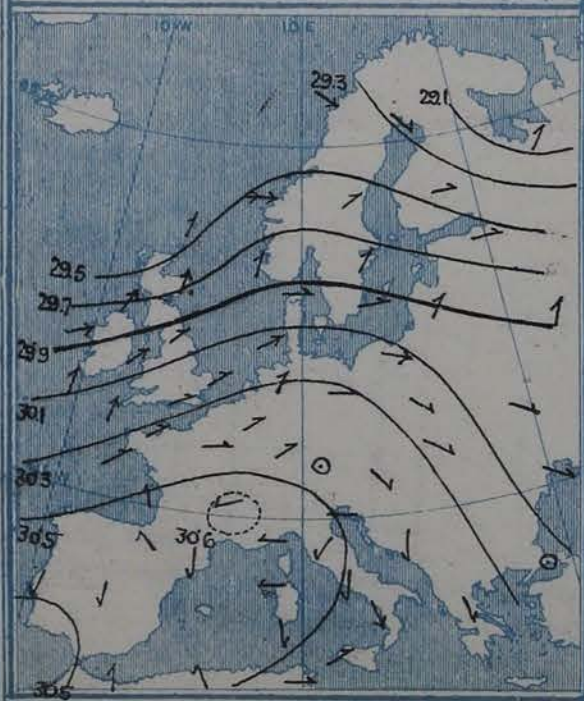
FOR Friday, 10th January, 1902

SEA.—Rough : High 

RAINFALL.— { A dotted line separates areas where rain has fallen from those
without rain. The fall in past 24 hours when exceeding half
an inch is shown thus—0.6



Yesterday morning.



Main Head & Blacksoil Belmullet Values are for only 15 Yrs



at 8 A.M. for the monthly period
January (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A large anticyclone of decreasing intensity still lies over the southern parts of our area, the highest readings, 30.4 ins. and upwards, being reported over France and south Germany. The lowest pressures, 29.5 ins. and less, are found in a large cyclonic system having its central area over the north of Scandinavia. This disturbance skirted our own northern coasts yesterday, and in its rear the barometer is at present rising in the north of our islands and the west of Norway. In all other parts of western Europe the mercury continues to fall.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is moderate to fresh from the south-westward over the greater part of our islands and the adjacent portions of the Continent. In the north of Scotland, however, and in Scandinavia, Denmark and north Germany it is westerly - strong in force in many places and blowing a gale in the Shetlands and the west of Norway. Over south Germany and the central and southern parts of France it is light from between South and East. Temperature has fallen several degrees in the north of our islands and to a less extent at many of the Scandinavian stations, but has risen elsewhere. In the north of Scotland the readings (varying between 36° and 39°) now differ but little from the average, but in all other parts of the United Kingdom the thermometer remains considerably above the normal, readings of 50° or slightly above it being reported at several places in Ireland and the south-west of England. Frost still prevails in south Germany and central France and also in the north of Scandinavia. The weather is fine on the east coasts of Great Britain, but is cloudy in nearly all other parts of our area, with rain in Ireland and the north-west of England. Fog is reported in several parts of France and south Germany. The sea is high at Lumphugh Head and rough, or rather so, at many places in the west and extreme north.

During yesterday the thermometer rose to 50° or slightly above it in most parts of the United Kingdom. The amount of bright sunshine was everywhere small; at a large majority of our stations there was none. Rain fell over North-western Europe generally, but the quantity was, as a rule, small.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A renewed fall of the barometer is reported at Valencia, with a fresh S.W. wind, so that another disturbance is evidently approaching our western coasts. This is, apparently, a secondary system and is likely to spread more completely over our islands than those recently observed. Rain is probable in all districts, with some increase in the strength of the wind on our western and southern coasts.

FORECASTS *

For the 24 hours ending at NOON on 11th January, 1902

DISTRICTS.

FORECASTS.

10	{ SCOTLAND NORTH	W. to SW. winds, strong; squally, some cold showers.
11	{ SCOTLAND EAST	SW. winds, moderate or fresh; fair at first; showery later.
2	{ ENGLAND N.E.	SW. winds, moderate or fresh; changeable, some showers.
3	{ ENGLAND EAST	SW. winds, freshening; mild, squally, occasional rain.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	SW. & W. winds, strong; squally, showery.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	SW. to W. winds, strong; squally, some rain, cooler.
9	{ IRELAND NORTH	Same as No. 7.
10	{ IRELAND SOUTH	Same as No. 8.

WARNINGS

At 5.30 pm. yesterday to parts of Districts 0 & 1, "Hoist South Cone". The signals are also flying in Districts 6, 9, 10 and the remainder of 0.

Note.—The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌴), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on Sea	*	*	*	*	*	*	*	*	*	*	0	*	0	47	41	0.5	—
Newton Reigny (Penrith)	29.89	45	WSW 4	C	29.89	+00	39	37	-5	SW 3	+	*	ogp	49	39	0.0	0.16
Bath	30.14	52	N 5	0	30.08	-1.0	50	49	+2	W 2	0	*	0	54	49	0.0	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	52	41	C	0.8	—	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	51	39	C	0.0	—	Llandudno	*	*	*	0.2	*
Lowestoft, 6 p.m.	50	39	0	0.3	—	Rhyl	*	*	*	2.3	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	51	44	op, c, 0	1.5	0.05
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	52	42	ot	0.5	0.64
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	49	38	om	0.5	0.13

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	64	52	bc	—	Algiers	59	46	C	bc
Madrid	56	28	b	bc	Tunis	59	43	C	0
Corsica (I. Sanguinaires)	57	43	f	f	Vienna	54	34	0	bc
Rome	52	34	bc	bc	St. Petersburg	32	21	0	bc
Florence	?	?	?	?	8 JAN:				Measured 7 a.m.
Trieste	50	37	C	bc	Lugano	43	—	b	—
Brindisi	56	47	bc	bc	Davos	28	—	b	—
Naples	54	45	bc	bc	Lucerne	30	—	C	—
Palermo	51	41	bc	C	Lausanne	37	—	b	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	3 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

10 Jan 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.3	12.1	3.59
Greenwich	8.12	12.8	4.11
Wick	8.58	12.20	3.42
Valencia	8.48	12.49	4.50

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Saturday 11th January 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.			Sun- shine. Hours	Rainfall. Ins.	
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.	Sun- shine. Hours	Rainfall. Ins.							
SCANDINAVIA.	Haparanda	29.12	10	E	2	c	29.24	+0.4	5	4	-11	N	2	bc	*	c	18	1	*	-	
	Hernösand	29.00	22	Z	0	b	29.10	+1.7	21	21	-11	NE	2	o	*	b	32	21	*	-	
	Stockholm	29.26	37	SW	4	b	29.15	-0.9	33	30	-6	WSW	4	b	*	b	39	32	*	-	
	Wisby	29.38	38	W	8	b	29.29	-1.4	36	33	-3	W	6	b	*	b	43	36	*	-	
	Karlstad	29.31	35	SW	6	b	29.19	-0.9	35	32	-4	WSW	6	b	*	b	*	*	*	-	
	Færder (Xlantia Fjord)	29.36	37	WSW	6	b	29.35	-0.5	36	34	-4	W	7	b	4	b	40	36	*	-	
	Bodö	28.93	26	E	2	s	29.13	+1.9	26	24	-2	E	4	s	1	s	28	23	*	-	
BRITISH ISLANDS.	Christiansund	28.98	34	WNW	4	s	29.32	+2.0	35	34	+1	NNE	4	o	6	s	37	30	*	0.47	
	Skudesnaes	29.48	36	NW	9	c	29.49	-0.3	39	37	-1	NW	9	c	6	c	41	36	*	*	
	Sumburgh Head	29.41	36	WNW	8	csp	29.85	+5.2	35	34	-3	NW	6	o	7	bc, csp	38	28	*	0.05	
	Stornoway	29.94	41	NW	5	cgm	30.14	+3.1	39	36	-2	E	1	bc	2	+, cgm	42	36	*	0.12	
	Malin Head	29.98	42	NNE	5	tm	30.10	+2.7	38	37	-2	E	5	omr	4	o, tm	43	37	*	0.32	
	Blacksod Pt.	29.94	53	SSW	4	og	30.00	+0.9	50	49	-2	SSE	3	o	4	tm, og	53	50	0.0	0.05	
	Valencia	29.94	53	SSW	4	og	30.00	+0.9	50	49	-2	SSE	3	o	4	tm, og	53	50	0.0	0.05	
GERMANY, &c.	Roche's Point	29.98	51	WSW	5	om	30.07	+0.7	49	48	-1	SSE	1	m	3	om	52	48	*	0.01	
	Parsonstown	29.93	40	SW	1	+	30.08	+2.2	37	36	-13	E	1	ot	*	ot	51	36	0.0	0.41	
	Donaghadee	29.92	39	NNW	2	o	30.14	+2.5	41	37	+1	NNE	3	op	3	o	42	33	*	0.32	
	Liverpool Obsy.	29.91	47	SW	5	+	30.16	+2.2	39	36	-6	NW	2	o	1	op, +	51	39	*	0.19	
	Holyhead	29.90	46	NW	2	dgm	30.13	+2.1	40	38	-3	S	2	op	1	dgm	49	38	*	0.12	
	Pembroke (St. Ann's)	30.00	50	WSW	6	o	30.07	+0.4	49	49	0	WSW	4	ogm	4	o	52	46	1.2	-	
	Scilly (St. Mary's)	30.11	53	WSW	5	o	30.11	-0.2	51	50	0	SSW	4	o	5	c, o	54	49	2.0	-	
FRANCE.	Jersey (St. Aubins)	30.26	52	WSW	4	ogm	30.22	-0.6	50	48	-1	SW	3	o	3	c, ogm	53	48	0.1	-	
	Portland Bill	30.14	49	WSW	4	b	30.16	0.00	49	48	0	WSW	3	o	3	om, b	50	48	*	0.02	
	Dungeness	30.11	49	W	5	csp	30.13	-0.5	48	48	0	W	4	o	3	o, csp	50	43	*	0.02	
	Wick	29.66	33	W	6	c	30.01	+4.3	32	32	-4	WNW	2	bc	1	q, sp, c	39	30	*	0.16	
	Nairn	29.79	36	WNW	4	b	30.07	+4.1	32	32	-7	Z	0	bc	1	b	40	30	*	-	
	Aberdeen	29.80	36	WNW	4	bcq	30.07	+3.6	31	30	-8	WNW	3	bcsp	2	c, bcq	42	31	0.2	0.01	
	Leith	29.82	39	SW	3	b	30.11	+3.4	33	31	-10	WSW	1	bm	*	b	44	31	*	0.01	
SPAN. PEN.	North Shields	29.84	40	SW	2	o	30.09	+2.4	34	32	-10	W	2	c	2	d, r, o	44	32	*	0.04	
	Spurn Head	29.84	48	SW	5	c	30.07	+1.0	39	37	-4	NW	4	c	3	c, r	51	37	*	0.08	
	Yarmouth	29.95	50	WSW	5	c	30.07	+0.3	41	40	-7	NW	3	cgm	4	c	52	40	*	0.02	
	Loughborough	29.96	51	SW	6	b	30.13	+1.1	41	40	-6	Z	0	ogmr	*	o, bc, ot	52	41	*	0.08	
	Oxford	30.06	50	WSW	2	o	30.14	+0.4	43	42	-7	N	1	oga	*	o	52	43	*	-	
	London (Brixton)	30.08	50	SW	3	c	30.11	-0.2	50	48	+1	W	2	o	*	og	53	49	0.0	-	
	The Scaw (Skagen)	29.49	40	NW	7	b	29.43	-1.5	39	39	-3	NW	7	b	2	b	43	37	*	0.04	
GERMANY, &c.	Fanö	29.75	41	W	6	o	29.80	-0.8	38	36	-4	WNW	6	c	*	o	43	37	*	-	
	Cuxhaven	29.90	45	WSW	6	+	29.90	-1.0	42	41	-3	WNW	3	o	*	+	46	41	*	0.32	
	The Helder	29.99	47	SW	4	o	29.99	-0.7	43	41	-3	NW	3	o	3	bc	47	41	*	0.08	
	Brussels	*	*	*	*	*	30.12	-1.7	46	46	+7	SW	3	+	*	+	47	39	*	-	
	Berlin	30.01	42	SW	2	o	29.86	-2.5	46	45	+3	W	4	o	*	o	46	41	*	-	
	Frankfurt	30.28	36	SW	4	o	30.19	-2.1	38	37	+2	SSW	4	o	*	o	38	36	*	-	
	Munich	30.31	34	SW	2	b	30.26	-1.7	29	27	+4	Z	0	b	*	b	41	25	*	-	
FRANCE.	C. Gris Nez	30.19	50	WSW	5	o	30.11	-1.1	48	48	+1	WSW	5	o	5	o	50	46	*	0.08	
	Brest	30.25	51	SW	1	o	30.19	-0.8	50	46	-1	SW	3	o	3	o	52	48	*	-	
	Lorient	30.28	50	WSW	2	+	30.22	-1.0	44	44	-7	SE	3	o	3	+	54	44	*	0.04	
	Rocheport	30.38	42	ESE	2	b	30.28	-1.9	34	33	-8	SE	3	b	*	b	48	32	*	-	
	Biarritz	30.29	41	ENE	2	bc	30.22	-2.3	39	36	+10	S	2	b	3	bc	45	29	*	-	
	Paris	30.32	43	SSW	5	o	30.26	-1.3	42	41	+2	SSW	2	o	*	o	44	40	*	-	
	Belfort	30.38	29	SW	3	m	30.33	-1.4	26	26	-2	N	2	f	*	m	37	25	*	-	
SPAN. PEN.	Lyons	30.45	28	E	1	f	30.40	-0.7	26	26	-2	NW	1	f	*	f	31	26	*	-	
	Nice	30.40	40	SW	2	bc	30.32	-1.3	36	34	-3	E	1	b	2	bc	48	36	*	-	
	Perpignan	30.38	45	Z	0	o	30.31	-1.5	43	40	+6	W	1	o	*	o	49	37	*	-	
	Corunna	30.24	52	E	4	o	30.17	-1.9	50	49	+9	Z	0	f	*	o	55	41	*	-	
	Lisbon	30.24	52	E	4	o	30.17	-1.9	50	49	+9	Z	0	f	*	o	55	41	*	-	
	Azores (P. Delgada)	30.24	52	E	4	o	30.17	-1.9	50	49	+9	Z	0	f	*	o	55	41	*	-	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

REPORT WEATHER CHARTS DAILY

FOR *Saturday, 11th January, 1902*

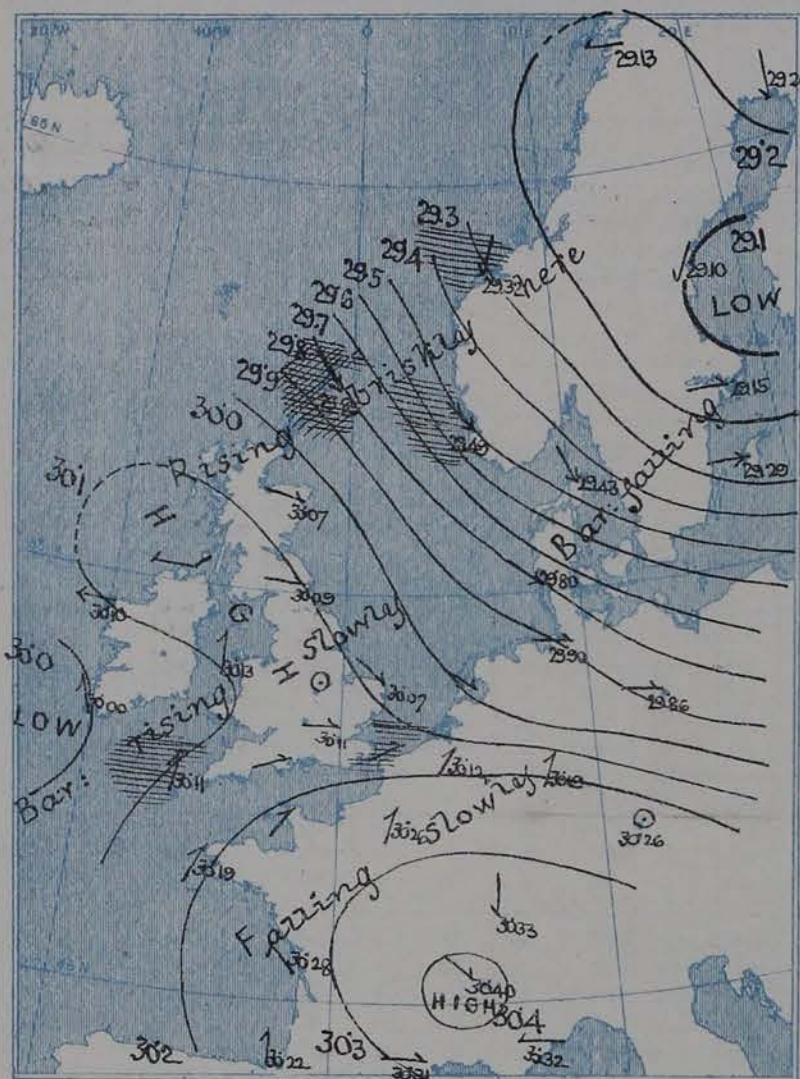
I. BAROMETER, WIND AND SEA. This Morning

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High



II TEMPERATURE AND WEATHER. This Morning

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III BAROMETER AND WIND

Yesterday morning.



IV EXTREMES OF TEMPERATURE

recorded in month of JANUARY (1871-1900)

Specimen { Highest Max..... 58°
(for Shields) { Lowest Min..... 6°

Molin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

January (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure is still highest, 30.3 in. and upwards, over the central and southern parts of France, but the anticyclone in those regions is giving way, while a new high pressure system is apparently forming over our islands. The barometer is accordingly falling in France and Germany, but is rising in most other parts of our area - briskly in the north of Scotland. The lowest readings 29.1 in. and less, are found in a cyclonic system with its centre over the Gulf of Bothnia, and over Denmark and the northern and eastern parts of the North Sea the barometric gradient remains steep.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light from the westward or north-westward on our north and east coasts and strong from the same quarters on the eastern shores of the North Sea, with a gale at Skudenes in the northern parts of Scandinavia. It varies between North and East. Over the English Channel moderate south-westerly breezes are reported, while in the west of France and on our own south-west coasts the wind is southerly or south-easterly. Temperature remains high in the south of our islands and the adjacent parts of the Continent, the thermometer standing at 50° in many places and at 51° at Scilly. In nearly all other parts of our area the thermometer has fallen and in the north of our islands it is now below the average, slight frost being reported in Scotland. Frost prevails also over central France and south Germany and in the northern parts of Scandinavia, the lowest readings reported being 1° in the former regions 26° at Belfort and Lyons, and in the latter 5° at Napasanda. The weather is fine in Scotland and also in Sweden and the south of France, but is dull elsewhere, with rain in several parts of England and Ireland as well as at Brussels; snow is falling at Christiansund. The sea is high at Lumburg Head and rough off the Norwegian coasts, but moderate or slight elsewhere.

During yesterday the thermometer rose to 50° and upwards over the whole of England and the south of Ireland and to 54° at Scilly. Bright sunshine was entirely wanting in many places and was nowhere large, the longest duration reported being 2.0 hrs. at Scilly. Rain fell in most parts of northwestern Europe, but not in any large quantity.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure over our islands is now anticyclonic, and the present tendency is for the high pressure system to increase both in size and intensity. A gradual improvement in the weather is probable over our southern districts, with a considerable fall of temperature; fog is likely to appear shortly at several of our inland stations.

FORECASTS *

For the 24 hours ending at NOON on 12th January, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

Wnd and SWnd winds, light; fine, frosty.

NEnd winds, light; colder, fair generally, but some mist or fog.

Light variable breezes; some rain at first, then fair, but foggy in places, colder, with frost at night.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Light variable airs, fair generally, but local fogs.

Same as Nos 3 to 5.



SEnd and SWnd winds, light to moderate, dull, misty, slight rain locally.

Same as No. 6.

Same as No. 8.

WARNINGS

At 10 am today to parts of districts 0 and 1. "Lower Cone".

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	0	48	42	0.0	—
Newton Reigny (Penrith)	29.87	42	NW 1	0	30.13	+2.4	33	31	-6	NW 1	0	*	og, m	42	33	0.0	0.13
Bath	30.07	52	W 5	0	30.14	+0.6	50	48	0	WSW 2	0	*	0	53	49	0.6	0.03

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	51	41	C, 0	0.0	0.10	Worthing	*	*	*	0.4	*
Birmingham, 9 p.m.	53	45	C	0.4	—	Llandudno	*	*	*	0.2	*
Lowestoft, 6 p.m.	52	46	C	0.0	—	Rhyl	*	*	*	0.0	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	49	40	rod, t	0.0	0.30
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	51	42	o, t	0.2	0.12
Brighton	*	*	*	0.4	*	Darwen, 9 p.m.	48	38	d	0.0	0.65

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JAN. 10	68	52	bc	c	Algiers ... JAN. 10	61	46	bc	bc
Madrid	57	29	bc	c	Tunis	57	41	c	c
Corsica (I. Sanguinaires)	59	46	m	m	Vienna	43	32	bc	c
Rome	51	33	bc	bc	St. Petersburg	34	16	bc	8
Florence	45	39	c	o	Lugano ... JAN. 9	41	—	b	Measured 7 a.m.
Trieste	46	34	bc	f	Davos	28	—	b	—
Brindisi	54	44	bc	c	Lucerne	28	—	c	—
Naples	54	44	bc	bc	Lausanne	32	—	bc	—
Palermo	61	42	o	c					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

11 Jan., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8 2	12.1	4.0
Greenwich	8.4	12 8	4.12
Wick	8.57	12.20	3.43
Valencia	8.47	12.49	4.51

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 12th January 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall Ins.			
		At 32° and M.S.L.	Ins.	Dry Bulb.	Dew Pt.		Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.			Direc.	Force (0 to 12.)			Weather.	Max.	Min.
SCANDINAVIA.		Haparanda ...	29.42	2	NW	2	b	29.62	+38	-4	-5	-9	Z	0	b	*	b	?	-4	*	—	
		Hernösand ...	29.56	18	Z	0	b	29.71	+61	16	14	-5	Z	0	r	*	b	23	16	*	—	
		Stockholm ...	29.69	23	W	2	o	29.82	+67	22	20	-11	W	2	b	*	o	37	21	*	—	
		Wisby ...	29.65	30	WNW	6	bc	29.89	+60	32	29	-14	NW	6	b	*	bc	41	30	*	—	
		Karlstad ...	29.76	31	NE	2	b	29.88	+69	19	17	-16	NW	2	b	*	b	*	*	*	—	
		Färder (X'ania Fjord)	29.83	38	WNW	2	b	29.88	+53	32	29	-4	WSW	2	b	2	b	41	30	*	—	
		Bodö ...	29.52	28	ENE	2	b	29.52	+39	27	24	+1	S	2	c	1	b	28	23	*	—	
		Christiansund ...	29.81	35	NE	6	s	29.76	+44	30	28	-5	W	8	s	6	s	37	19	*	0.28	
		Skudesnaes ...	30.00	37	NNW	6	bc	29.92	+43	34	32	-5	NW	4	o	3	bc	41	32	*	*	
		Sumburgh Head ...	30.08	32	N	3	csp	29.65	-20	27	34	+2	SW	5	o	5	bc, csp	37	31	*	0.03	
		Stornoway ...	30.14	31	WNW	1	b	29.86	-25	34	33	+2	W	5	bc	5	c, b	35	24	0.0	0.07	
		Malin Head ...	30.01	36	ESE	4	omp	30.02	-12	39	38	0	N	3	c	2	bc, omp	40	34	*	0.31	
		Blacksod Pt. ...	30.02	40	SE	4	o	30.03	-07	45	44	+7	NNE	3	rm	3	bc, o	47	37	*	0.42	
		Valencia ...	30.00	50	SE	2	om	30.00	-00	49	47	-1	SE	1	c	3	om	51	49	0.0	—	
		Roche's Point ...	30.07	48	S	3	o	30.05	-02	48	47	-1	SSW	1	o	3	bc, o	50	47	*	—	
		Parsonstown ...	30.06	43	SE	1	o	30.02	-06	44	43	+7	SSE	1	o	*	4.0	45	36	0.0	0.03	
		Donaghadee ...	30.16	39	ESE	3	o	30.00	-14	41	41	0	W	1	+	1	o	42	37	*	0.12	
		Liverpool Obsy. ...	30.19	36	ENE	3	+	30.06	-10	45	42	+6	SE	2	o	2	asp, r	45	34	*	0.13	
		Holyhead ...	30.12	39	E	3	+	30.05	-08	47	46	+7	WSW	2	om	1	o, r	47	36	*	0.11	
		Pembroke (St. Ann's)	30.11	48	SSW	4	o	30.06	-01	47	46	-2	S	3	cg	4	o	49	47	0.0	—	
		Scilly (St. Mary's) ...	30.08	50	S	5	c	30.03	-08	48	45	-3	SE	3	c	4	c	53	45	0.5	—	
		Jersey (St. Aubins) ...	30.23	47	SSE	3	om	30.12	-10	42	40	-8	SE	3	c	3	om	49	41	0.0	—	
		Portland Bill ...	30.20	48	SSW	1	o	30.11	-05	45	44	-4	ESE	2	bc	2	c, o	50	45	*	—	
		Dungeness ...	30.20	44	NE	3	+	30.14	+01	47	47	-1	SW	2	o	2	o, r	48	44	*	0.03	
		Wick ...	30.14	29	NW	2	bc	29.79	-22	31	30	-1	SW	2	bc	1	bc	37	24	*	0.09	
		Nairn ...	30.18	31	Z	0	c	29.89	-18	33	33	+1	W	1	b	1	c	35	26	*	—	
		Aberdeen ...	30.20	31	W	1	bc	29.93	-14	30	29	-1	SW	2	bc	1	q, s, bc	35	27	2.1	—	
		Leith ...	30.19	36	Z	0	o	29.97	-14	30	30	-3	WSW	1	cm	*	o	38	28	*	0.05	
		North Shields ...	30.19	36	W	2	m	29.96	-13	35	35	+1	W	1	+	2	m, r	38	34	*	0.07	
		Spurn Head ...	30.20	40	NW	1	b	30.01	-06	41	41	+2	SW	3	c	4	b	42	37	*	—	
		Yarmouth ...	30.14	41	NW	1	cm	30.08	+01	43	42	+2	WSW	3	bc, cm	4	bc, cm	43	39	*	—	
		Loughborough ...	30.23	35	ESE	1	o	30.09	-04	44	43	+3	SW	4	og	*	og, dp	46	35	*	0.04	
		Oxford ...	30.22	39	NE	2	o	30.12	-02	44	43	+1	S	2	og	*	d, g, o	44	39	*	0.01	
		London (Brixton) ...	30.22	41	SW	1	o	30.15	+04	45	45	+5	SSW	1	og	*	og, dm	51	41	*	0.03	
		The Scaw (Skagen) ...	29.91	39	NW	1	b	29.93	+50	35	34	-4	NW	2	b	0	b	43	34	*	—	
		Fanö ...	30.08	39	WNW	4	b	30.07	+24	36	35	-2	SSW	2	c	*	b	41	36	*	0.04	
		Cuxhaven ...	30.11	41	NW	4	o	30.13	+23	38	37	-4	SW	2	o	*	o	43	37	*	—	
		The Helder ...	30.18	42	NNW	1	b	30.13	+14	36	35	-7	SSW	1	+	1	b	43	34	*	—	
		Brussels ...	*	*	*	*	*	30.21	+09	43	43	-3	SW	1	f	*	o	47	40	*	0.08	
		Berlin ...	30.06	39	WNW	5	o	30.18	+32	38	36	-8	W	3	+	*	o	46	36	*	0.16	
		Frankfurt ...	30.23	44	SW	2	o	30.23	+04	39	37	+1	E	2	o	*	o	45	39	*	—	
		Munich ...	30.24	38	SW	3	c	30.26	-00	36	35	+7	SW	2	o	*	c	45	29	*	0.04	
		C. Gris Nez ...	30.22	43	E	3	f	30.15	+04	46	46	-2	SW	1	o	2	f	50	43	*	0.04	
		Brest ...	30.14	46	SSE	2	c	30.07	+12	40	40	-10	ESE	3	o	4	c	50	39	*	—	
		Lorient ...	30.14	48	SE	3	bc	30.08	-14	40	39	-4	ESE	3	o	3	bc	52	37	*	—	
		Rochefort ...	30.25	35	SSE	2	m	30.17	-11	36	35	+2	SE	3	b	*	m	36	32	*	—	
		Biarritz ...	30.14	49	E	3	b	30.12	-10	48	40	+9	S	4	c	3	b	55	39	*	—	
		Paris ...	30.27	46	SSW	2	o	30.20	-06	37	37	-5	N	1	b	*	o	48	35	*	—	
		Belfort ...	30.30	30	SW	4	f	30.24	-09	29	27	+3	ENE	3	bc	*	f	33	26	*	—	
		Lyons ...	30.34	31	WNW	1	f	30.29	-11	30	30	+4	ENE	1	f	*	f	32	26	*	—	
		Nice ...	30.20	44	Z	0	b	30.28	-04	38	36	+2	E	3	b	2	b	52	36	*	—	
		Perpignan ...	30.26	45	NE	2	o	30.18	-13	37	36	-6	W	2	b	*	o	50	36	*	—	
		Corunna ...	30.09	60	ESE	2	b	30.02	-15	50	46	+4	SSE	2	o	2	b	61	45	*	—	
		Lisbon ...	30.08	52	SSE	4	o	30.08	-09	53	51	+3	Z	0	o	*	o	57	53	*	0.39	
		Azores (P. Delgada)	30.04	55	NW	4	bc	30.03	+06	56	52	+2	WNW	4	c	5	bc	57	50	*	0.04	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

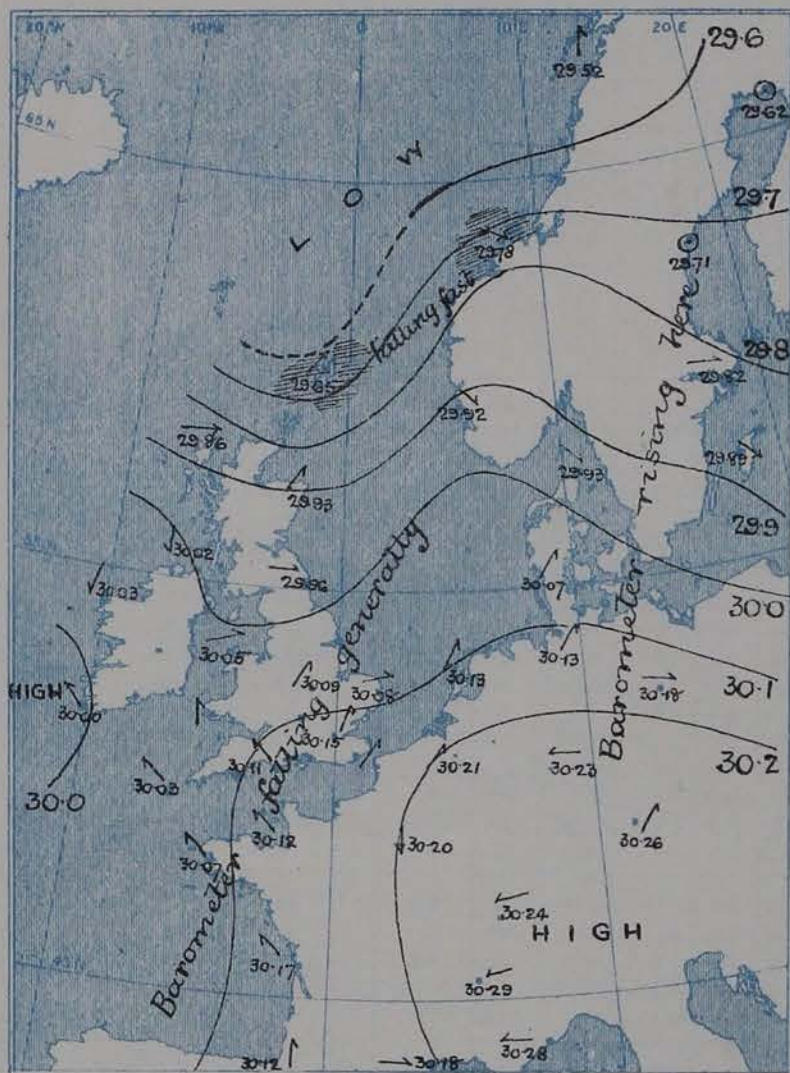
FOR Sunday 12th January, 1902

I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ○
Force 8 to 10 → : Force 1 to 4 → :
SEA.—Rough ■ : High ■



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

recorded in month of JANUARY (1871-1900)

Specimen { Highest Max. 58°
(for Shields) { Lowest Min. 6°

Mabin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

January (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution in pressure this morning is as follows—We have a large area of high readings (30.2 ins. and more to 30.1 ins.) covering the whole of France, Germany, the Netherlands, and the southeast of England, and from that region readings decrease in value to 29.52 ins. at Bodø, 29.65 ins. at Sumburgh Head, and 30.0 ins. at Valencia. There is a new depression off the Shetlands, the old one off the southwest of Ireland remains but is inactive. The barometer is falling rather decidedly in Scotland.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is very light and anticyclonic within the area of highest pressure (named above), but is variable in Ireland, W⁴ or SW⁴ in Scotland (strong at Stornoway) as well as in the northwest of Norway. In the south of Scandinavia it is NW⁴, in Holland and Denmark SW⁴. Temperature ranges from 50° at Corunna, and 49° to 48° at Biarritz and at our extreme southwestern stations, to 30° at Aberdeen and Christiansund, to 27° at Bodø, 19° at Karlsstad, and -4° at Itaparanda; over the Eth shores of the North Sea it ranges from 34° to 36°. In Ireland and England the values are many degrees above the average. In Scotland they are low. The weather is fine and bright at many of the Continental stations, and in some parts of Scotland, gloomy and variable over England, with rain at Shields, and great humidity in London. The sea is rough off our extreme northern coasts and the west of Norway, moderate to slight elsewhere.

During yesterday the maximum temperatures recorded over our Islands were 53° at Scilly, 51° at Valencia and in London, 50° at Portland Bill and Parsonstown. There were slight falls of rain in many parts of Great Britain and larger quantities in Ireland, but the amount of bright sunshine was very small indeed—in many places there was none—but Aberdeen had 2 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 13th JANUARY 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH



NONE ISSUED

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

NONE ISSUED

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.							PART 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	0	43	39	0.0
Newton Reigny (Penrith)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bath	30.17	50	W. 1	0	30.10 -0.4	47	45	-3	WSW. 1	0	*	0	51	43	0.0 0.07

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	40	34	c	0.0	0.13	Worthing	*	*	*	1.1	*
Birmingham, 9 p.m.	50	36	7.0	0.0	0.05	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	*	*	*	0.0	*	Rhyl	*	*	*	0.0	*
Hastings	*	*	*	0.8	*	Southport, 9 p.m.	41	33	0.2	0.0	0.13
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	46	34	0.7	0.0	0.10
Brighton	*	*	*	*	*	Darwen, 9 p.m.	39	31	0.2, 0.75	0.0	0.05

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JAN. 12	68	52	0, 7	0.55	Algiers JAN. 12	64	48	3, 3	Ins.
Madrid	*	*	*	*	Tunis	54	37	0, 0	-
Corsica (I. Sanguinaires)	59	43	7, 7	-	Vienna	45	37	3, 3	-
Rome	49	32	0, 0	-	St. Petersburg	28	7	5, 0	0.04
Florence	47	42	0, 0	-	Lugano JAN. 11	39	—	b	Measured 7 a.m.
Trieste	43	32	0, 0	-	Davos	28	—	b	-
Brindisi	54	42	3, 0	-	Lucerne	30	—	m	-
Naples	53	44	0, 0	-	Lausanne	32	—	c	-
Palermo	60	46	0, 0	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

12 Jan., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.2	12.1	4.1
Greenwich	8.3	12.8	4.13
Wick	8.56	12.20	3.44
Valencia	8.47	12.49	4.52

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 8d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 68, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on *Monday, 13th January, 1902*

Issued by the Meteorological Office, 63, Victoria Street, London. *W. N. SHAW, Secretary.*

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.		
				Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
																				At 32° and M. S. L.	Dry Bulb.	Wet Bulb.	Force (0 to 12.)
		Ins.				Ins.	Ins.	°	°												
SCANDINAVIA.	Haparanda	29.53	-21	Z	0	0	29.43	-19	5	5	+9	S	2	f	*	0	5	-22	*	-	
	Hernösand	29.65	29	Z	0	0	29.25	-48	9	9	-7	Z	0	0	*	0	29	9	*	-	
	Stockholm	29.60	27	W	2	0	?		23	23	+1	Z	0	f	*	0	28	19	*	-	
	Wisby	29.63	32	E	2	S	29.27	-62	32	31	0	WNW	2	0	*	5	41	28	*	0.04	
	Karlstad	29.52	26	NE	1	C	29.41	-47	23	22	+4	NW	2	0	*	c, s	*	*	*	0.04	
	Färder (X'larla Fjord)	29.47	34	SW	4	0	29.50	-38	29	27	-3	NW	4	0	2	0	34	28	*	-	
	Bodö	29.25	24	E	4	C	29.21	-31	22	20	-5	ENE	4	0	1	C	28	21	*	-	
	Christiansund	29.27	32	WNW	9	S	29.53	-23	31	29	+1	NW	9	S	8	39	34	28	*	-	
Skudesnaes	29.60	34	W	8	C	29.84	-08	31	28	-3	NW	8	S	4	C	36	28	*	-		
BRITISH ISLANDS.	Sumburgh Head	29.83	31	NW	7	0	30.14	+49	25	25	-12	NW	5	S	7	bc, sp	37	21	*	0.04	
	Stornoway																				
	Malin Head	30.16	40	NNE	5	C	30.37	+35	36	34	-3	SE	1	C	1	bc, m, p	43	34	*	0.02	
	Blacksod Pt.	30.17	42	NE	4	C	30.36	+33	38	34	-7	ENE	3	0	3	bc, c	47	37	*	0.02	
	Valencia	30.05	47	Z	0	0	30.21	+21	44	41	-5	ENE	4	0	4	o, m	51	44	0.3	-	
	Roche's Point	30.10	45	SE	2	0	30.28	+23	41	38	-7	ESE	4	C	4	bc, o	50	40	*	-	
	Parsonstown	30.15	40	E	2	0	30.31	+29	30	29	-14	E	1	0	*	o, m	47	30	0.0	0.01	
	Donaghadee	30.08	43	N	2	C	30.31	+31	38	33	-3	SE	2	0	2	C	43	36	*	0.01	
	Liverpool Obsy.	30.14	38	NW	1	0	30.36	+30	31	29	-14	ENE	2	m	?	o, p, b	47	31	*	0.03	
	Holyhead	30.12	43	NNE	2	C	30.31	+26	34	33	-13	E	2	C	1	o, c	47	33	*	-	
	Pembroke (St. Ann's)	30.08	44	N	1	0	30.23	+17	39	37	-8	ENE	4	o, m	4	bc	49	36	2.7	-	
	Scilly (St. Mary's)	30.03	47	ESE	2	C	30.13	+10	48	45	0	ENE	2	C	3	C	49	44	0.3	-	
	Jersey (St. Aubins)	30.11	40	ESE	2	0	30.21	+09	40	39	-2	ESE	3	o, m	3	o, m, g	42	39	0.3	-	
	Portland Bill	30.10	43	ENE	1	0	30.22	+11	40	39	-5	ENE	3	o, m	3	C, b	48	40	*	-	
	Dungeness	30.11	47	W	1	0	30.25	+11	42	40	-5	NE	4	0	2	0	48	36	*	-	
GERMANY, &c.	Wick	30.01	31	NW	4	C	30.26	+47	28	28	-3	NNW	3	0	2	S, c	39	26	*	0.12	
	Nairn	30.10	34	NW	4	0	30.34	+45	31	30	-2	NNW	2	C	2	0	37	27	*	0.01	
	Aberdeen	30.04	34	NW	4	0	30.32	+39	28	27	-2	NW	3	CSP	3	g, s, bc	34	28	3.5	0.02	
	Leith	30.03	33	W	2	0	30.34	+37	29	29	-1	NW	2	Cm	*	bc	37	26	*	-	
	North Shields	30.05	35	W	2	0	30.31	+35	29	29	-6	NW	1	0	2	bc	36	28	*	0.06	
	Spurn Head	30.04	38	NW	4	0	30.28	+27	36	35	-5	NW	4	C	3	bc	47	36	*	0.06	
	Yarmouth	30.02	45	WSW	2	0	30.24	+16	38	34	-5	N	3	C	4	bc, bc, m	46	34	*	-	
	Loughborough	30.08	46	WNW	2	0	30.34	+25	27	27	-17	N	2	0	*	og, c, o, b	48	26	*	-	
Oxford	30.13	45	N	1	0	30.34	+22	32	30	-12	NE	1	0	*	og	47	32	*	-		
London (Brixton)	30.09	47	WNW	1	C	30.29	+14	36	34	-9	NE	4	bc, m	*	og, bc, m	49	36	0.0	-		
FRANCE.	The Scaw (Skagen)	29.51	35	W	3	0	29.57	+36	31	31	-4	N	8	0	3	0	37	28	*	-	
	Fanö	29.74	37	W	8	0	29.93	-14	32	30	-4	WNW	9	C	*	bc, g, n	39	32	*	0.31	
	Cuxhaven	29.85	41	WNW	6	0	30.03	-10	37	34	-1	NW	6	0	*	0	43	34	*	0.16	
	The Helder	30.23	40	NNW	3	0	30.19	+06	40	36	+4	NNW	3	0	3	?	45	36	*	0.04	
	Brussels						30.25	+04	37	27	-6	SW	1	f	*	0	47	36	*	?	
	Berlin	29.90	38	W	3	0	29.95	-23	36	34	-2	WNW	4	0	*	0	41	34	*	0.08	
	Frankfurt	30.15	43	WSW	2	0	30.16	-07	37	36	-2	SW	4	0	*	0	43	37	*	-	
	Munich	30.17	35	SE	2	f	30.18	-08	34	32	-2	SW	4	0	*	f	45	28	*	-	
SPAN. PEN.	C. Gris Nez	30.12	46	SW	1	m	30.17	+02	43	40	-3	ENE	4	0	4	m	48	41	*	-	
	Brest	30.07	41	ESE	3	0	30.15	+08	41	40	-1	E	1	0	3	0	46	39	*	-	
	Lorient	30.10	41	ESE	3	0	30.17	+09	41	41	+1	SE	2	0	5	0	52	37	*	-	
	Rochefort	30.18	43	W	2	0	30.22	+05	40	39	+4	SE	1	0	*	0	46	36	*	-	
	Biarritz	30.13	45	SSE	3	0	30.17	+05	48	44	0	S	2	0	1	0	57	45	*	-	
	Paris	30.18	30	SSW	2	0	30.23	+03	30	30	-7	SE	1	0	*	0	42	29	*	-	
	Belfort	30.17	39	SSW	2	0	30.24	0	30	30	+1	WSW	4	f	*	0	43	27	*	-	
	Lyons	30.26	38	SW	2	0	30.29		34	34		S	1	m	*	0	39	30	*	-	
Nice	30.29	43	Z	0	0	30.22	-06	40	36	+2	Z	0	C	3	bc	52	38	*	-		
Perpignan	30.19	42	Z	0	0	30.22	+04	34	32	-3	W	2	0	*	0	52	32	*	-		
SPAN. PEN.	Corunna																				
	Lisbon																				
	Azores (P. Delgada)																				

NOTE: The Sunshin for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page

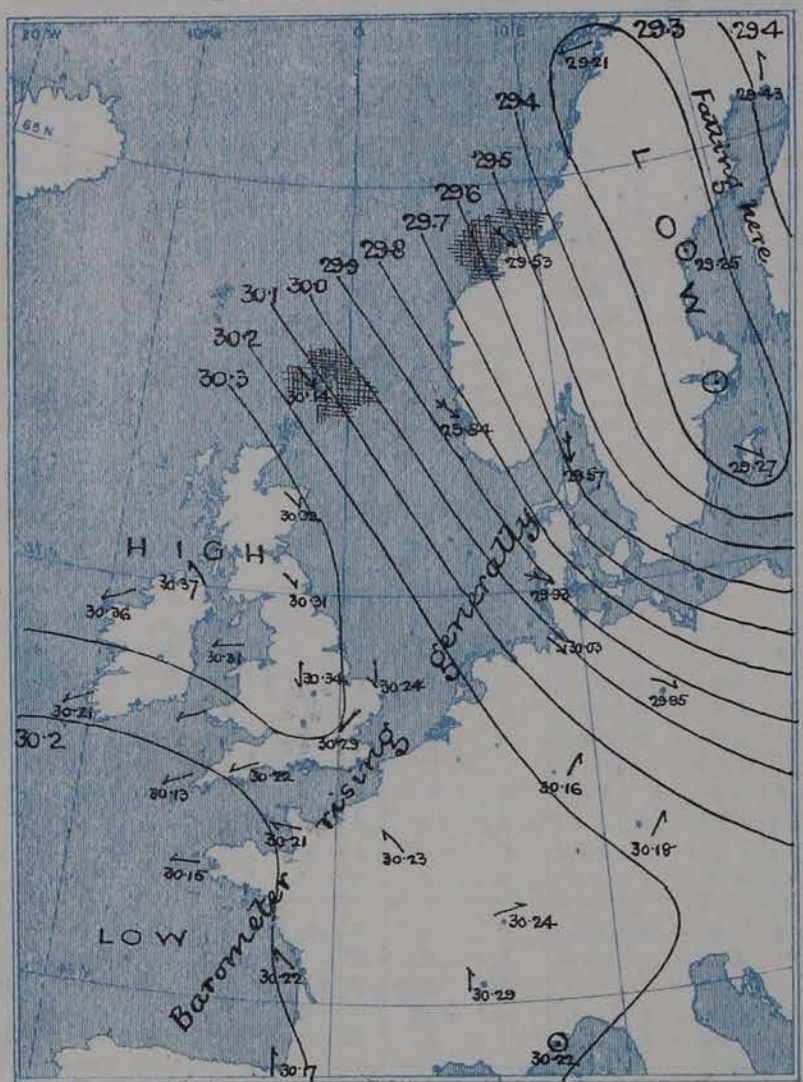
DAILY WEATHER REPORT

WEATHER CHARTS

FOR Monday 13th January, 1902

I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
 Force above 10 → : Force 5 to 7 → : } Calm ⊙
 Force 8 to 10 → : Force 1 to 4 → :
SEA.—Rough : High



II TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III BAROMETER AND WIND

Yesterday morning.



IV EXTREMES OF TEMPERATURE

recorded in month of JANUARY (1871-1900)
 Specimen { Highest Max. 58°
 (for Shields) { Lowest Min. 6°
 Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period
 January (1871-1900)



MODERN GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure over our Islands and their immediate neighbourhood has changed greatly during the past twenty four hours. We have now readings of 30.3 ins. and more at all our northwestern and western stations and a band of readings exceeding 30.2 ins. stretching thence in a SSE^W direction to the Mediterranean. To the eastward pressure decreases to nearly 29.2 ins. in Sweden, and to southwestward to about 30.1 ins. off our extreme southwestern coasts.

WIND

TEMPERATURE

WEATHER

AND

SEA

Thus while NW^W gales are blowing on the coasts of Norway and Denmark and NW^W breezes over the remaining part of the North Sea, there are fresh NE^W breezes at our own southern stations and moderate E^W winds in the west. Over France the wind is SW^W and at Berlin NW^W. Temperature ranges from between 20° and 30° over the northern parts of Great Britain and central Ireland, to 40° at the Telder, 44° at Valencia, 48° at Scilly and Biarritz, and is rather lower than the average in the north and northeast. The weather over the United Kingdom is mostly fair, but snow is reported both at Sumburgh Head and Aberdeen, and on the Norwegian coast, haze prevails in a few places. Sea is very high in the far north, slight or moderate on our coasts generally.

The recovery of pressure has been sudden and general, the fall of temperature equally so, amounting to 14° at Rarsonstown and 17° at Loughborough in the twenty four hours. There have been slight falls of rain, or snow, in several places, mostly over the North Sea, but the amount of bright sunshine has not been large.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new high pressure area in the north is likely to become general and a period of colder weather with NE^W and E^W winds is probable, with drier weather than of late.

FORECASTS *

For the 24 hours ending at NOON on 14th JANUARY,

1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	N ^W winds, moderate; colder, fair as a whole.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	N ^W and NE ^W winds, fresh to moderate; colder, fair.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	NE ^W winds, fresh; fair, colder.

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as No. 0.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	NE ^W or E ^W winds, moderate; fair.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	
WARNINGS		NONE ISSUED

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	.	.	.	.	.	.	.	.	.	.	3	.	o	46	33	0.0	-
Newton Reigny (Penrith)	30.10	32	NNW 2	o	30.28		20	19		NNW 1	6	.	ogd, 3c	38	20	1.3	-
Bath	30.09	43	N 1	c	30.28	+ 1.8	36	34	- 11	NE 4	o	.	c	50	36	1.5	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	45	32	o, c, 3	0.0	0.14	Worthing	.	.	.	1.1	.
Birmingham, 9 p.m.	46	35	3	0.1	-	Llandudno	.	.	.	0.0	.
Lowestoft, 6 p.m.	.	.	.	.	.	Rhyl	.	.	.	0.0	.
Hastings	.	.	.	0.0	.	Southport, 9 p.m.	46	32	o, c, 3	0.0	0.03
Eastbourne	.	.	.	0.8	.	Manchester, 9 p.m.	46	34	r, o, 3	0.0	0.03
Brighton	.	.	.	.	.	Darwen, 9 p.m.	44	31	3, m, w	0.0	0.12

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	.	.	.	Ins.	Algiers	.	.	.	Ins.
Madrid	Tunis	.	.	.	.
Corsica (I. Sanguinaires)	Vienna	.	.	.	.
Rome	St. Petersburg	.	.	.	.
Florence	<i>Information not yet rec'd</i>				11 Jan. 1902	1 p.m.	.	.	Measured 7 a.m.
Trieste					Lugano	39	—	6	—
Brindisi					Davos	25	—	6	—
Naples					Lucerne	32	—	m	—
Palermo					Lausanne	30	—	c	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

13 Jan. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.1	12.2	4.3
Greenwich	8.3	12.9	4.15
Wick	8.55	12.21	3.46
Valencia	8.46	12.50	4.54

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" Weekly " " " " £1 10 0 " Single Copies, 6d.

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 14th January, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETR.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.	Haparanda	29.53	5	E	2	S	29.82	+39	-7	-8	-12	N	2	3		S	5	-24		0.04	
	Hernösand	29.45	14	Z	0	3	29.87	+62	15	14	+6	N	4	c		3	21	7		0.04	
	Stockholm	29.51	21	Z	0	0	29.76	+47	22	21	-1	NNW	6	S		3	25	18		-	
	Wisby	29.56	29	NW	8	3	29.74	+47	27	25	-5	NNW	8	S		3	39	27		0.16	
	Karlstad	29.58	28	NW	6	c	29.98	+57	24	21	+1	NNW	4	3		c				-	
	Färder (X'ania Fjord)	29.74	32	NW	4	3	30.12	+62	29	25	0	NNW	5	3	2	3	34	28		-	
	Bodö	29.66	25	ENE	2	3	29.96	+75	26	22	+4	N	3	c	2	3	27	18		-	
	Christiansund																			-	
	Skudesnaes	30.10	29	NNW	9	c	30.33	+49	29	28	-2	NW	6	c	4	c	31	27		-	
		Sumburgh Head	30.32	26	NW	4	c	30.49	+35	31	31	+6	N	1	S	5	S, c	31	22		0.06
BRITISH ISLANDS.	Stornoway																			-	
	Malin Head	30.49	36	NE	4	c	30.63	+26	31	30	-5	SE	3	3	2	3c, c	39	30		-	
	Blacksod Pt.	30.42	37	ENE	4	3	30.57	+21	38	34	0	ESE	3	cm	3	3	39	34		-	
	Valencia	30.32	44	ENE	3	c	30.52	+31	44	42	0	ENE	3	0	3	c	46	44	0.2	-	
	Roche's Point	30.34	43	E	4	ml	30.59	+31	42	41	+1	ESE	4	m	4	o, m	44	40		-	
	Parsonstown	30.41	33	E	1	3	30.60	+29	35	33	+5	E	1	0		3c	36	30	0.0	-	
	Donaghadee	30.45	38	NE	2	c	30.64	+33	34	30	-4	ENE	2	3	2	c	39	33		-	
	Liverpool Obsy.	30.47	34	ENE	1	3c	30.66	+30	29	28	-2	ENE	1	3c	2	of	34	28		-	
	Holyhead	30.44	35	ENE	2	3	30.63	+32	32	30	-2	NE	1	cm	1	m, 3	36	30		-	
	Pembroke (St. Ann's)	30.34	39	ENE	4	0	30.56	+33	34	31	-5	ENE	4	og	3	0	44	34	0.0	-	
	Scilly (St. Mary's)	30.25	48	E	5	0	30.44	+31	47	45	-1	E	5	om	4	c, om	49	44	3.3	-	
	Jersey (St. Aubins)	30.32	43	ENE	3	0	30.52	+31	42	38	+2	E	4	cm	3	og	44	38	0.0	-	
	Portland Bill	30.36	39	ENE	4	0	30.54	+32	35	33	-5	ENE	5	c	4	om, m	40	35		-	
	Dungeness	30.35	41	NE	4	c	30.56	+31	35	34	-7	N	4	0	2	o, c	43	32		-	
	Wick	30.43	29	NNW	3	c	30.58	+32	30	30	+2	W	1	0	1	c	32	26		0.07	
	Nairn	30.49	30	NNW	1	3	30.64	+30	25	24	-6	NW	1	3	1	3c	32	21		-	
	Aberdeen	30.45	30	NW	3	c	30.63	+31	27	26	-1	NNW	2	3c	2	sp, c	31	26	0.3	-	
	Leith	30.47	30	NNW	1	3c	30.63	+29	25	24	-4	NW	2	m		3c	33	24		-	
	North Shields	30.46	31	NNW	2	0	30.63	+32	30	30	+1	NW	2	0	2	0	33	27		-	
		Spurn Head	30.40	36	NW	4	c	30.56	+28	35	34	-1	NW	5	c	4	c	38	32		-
GERMANY, &c.	Yarmouth	30.34	37	NNW	2	c	30.53	+29	35	34	-3	N	4	og, 3	5	3c, c	40	32		0.03	
	Loughborough	30.45	33	NE	2	3	30.61	+27	23	22	-4	NNW	1	3m		3cm, 3m	36	23		-	
	Oxford	30.49	31	NE	1	3	30.65	+31	25	24	-7	N	1	3f		3c	37	24		-	
	London (Brixton)	30.41	36	NE	3	3	30.60	+31	32	29	-4	NNE	3	3c		3c, 3	40	32	0.0	-	
	The Scaw (Skagen)	29.85	33	NW	8	3	30.14	+57	33	33	+2	N	4	3	1	3	37	30		-	
	Fanö	30.16	31	NNW	8	3	30.30	+37	32	31	0	NW	5	3c		3	26	28		-	
	Cuxhaven	30.21	35	NW	5	c	30.36	+33	34	32	-3	NW	4	0		c	37	32		0.04	
	The Helder	30.31	39	NNW	3	0	30.50	+31	37	34	-3	N	2	3c	3	0	40	34		0.04	
	Brussels						30.54	+29	34	33	-3	NE	1	0		0	42	33		-	
	Berlin	30.14	32	NNW	4	3	30.26	+31	30	29	-6	NNW	4	3		3	45	28		-	
FRANCE.	Frankfurt	30.18	32	NW	3	3	30.33	+17	31	31	-6	NW	2	3c		3	37	31		0.08	
	Munich	30.26	33	Z	0	3	30.39	+21	29	27	-5	SW	2	0		3	41	28		-	
	C. Gris Nez	30.38	41	E	3	3c	30.50	+33	39	36	-4	ENE	4	0	4	3c	46	36		-	
	Brest	30.30	43	NE	1	c	30.43	+28	38	37	-3	NE	4	0	4	c	46	37		-	
	Lorient	30.29	43	ENE	3	0	30.46	+29	40	37	-1	ENE	3	0	5	0	54	34		-	
	Rochefort	30.24	43	N	1	3c	30.42	+20	37	36	-3	N	3	3		3c	46	32		-	
	Biarritz	30.25	54	NW	2	3	30.31	+14	47	43	-1	S	2	3	2	3	59	43		-	
	Paris	30.33	35	NE	2	0	30.49	+26	33	31	+3	NE	2	3c		0	37	30		-	
	Belfort	30.26	35	Z	0	f	30.38	+14	29	28	-1	ENE	4	m		f	40	29		-	
	Lyons	30.29	38	N	3	0	30.43	+14	29	29	-5	NNW	1	f		0	47	28		-	
SPAN. PEN.	Nice	30.14	45	E	3	3	30.19	-03	37	35	-3	E	4	3	2	3	52	37		-	
	Perpignan	30.25	42	NE	1	3	30.28	+06	35	33	+1	SW	2	3		3	55	34		-	
	Corunna																			-	
	Lisbon																			-	
	Azores (P. Delgada)																			-	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. n. n. n. † Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR Tuesday 14th January, 1902

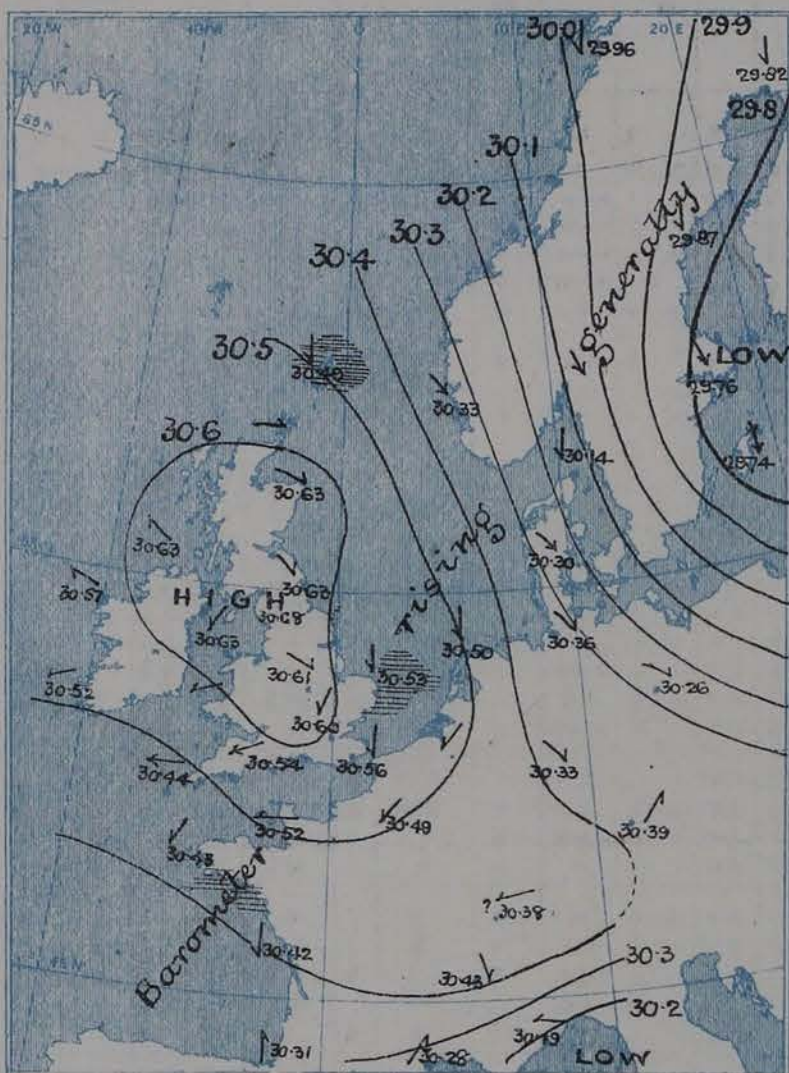
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High :



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

recorded in month of JANUARY (1871-1900)

Specimen { Highest Max. 58°
(for Shields) { Lowest Min. 6°

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

January (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A well-marked anticyclone in which the maximum readings vary from 30.6 ins. to 30.8 ins. has now been developed over our Islands, whence, in an easterly direction the values decrease to about 29.7 ins. over the Baltic. The gradients are steeper over Scandinavia, Denmark, and North Germany than elsewhere.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is NW^{ly}, light, on our northeastern coasts, NE^{ly} to E^{ly} fresh, in the south; E^{ly} to SE^{ly}, moderate, in Ireland. To the eastward of the North Sea, it is fresh from NW. and Wisby reports a gale. Temperature ranges from 19° at Newton Reigny and 25° at several of the English and Scotch stations, to 44° at Valencia, 47° at Scilly and at Biarritz. The values over our Islands are many degrees below the average. At Lyons and Munich the readings are 29°, at Berlin 30°, and in the extreme north of Sweden -7°. The weather over the British Islands is mostly fine, foggy or hazy at a few stations and a little snow is falling at Yarmouth. The two Baltic stations also report snow. The sea is still very rough in the far north, rather so in the east, moderate in the south.

Since yesterday the maximum temperatures have all been below 50° at our own stations, at some of our northern stations 32° or less. The minima in the night were as low as 8° at Newton Reigny, 21° at Nairn, 23° at Loughborough, 24° at Offord. Rainfall has been very slight at some northern and eastern stations. Bright sunshine was greatest on our northwestern coasts - very slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Anticyclonic breezes (E^{ly} in the south) are probable, with fair, cold weather and ultimately fog over England. The coming night will probably be very cold.

FORECASTS *

For the 24 hours ending at NOON on 15th January, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

NW^{ly} airs and calms; fair, cold.

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

NW^{ly} breezes, light; fine, cold, fog inland.

3 { ENGLAND
EAST

Same as No. 5

4 { MIDLAND
COUNTIES

Same as No. 2

5 { ENGLAND
SOUTH

NE^{ly} winds, moderate; fine, ultimately fog inland.

6 { SCOTLAND
WEST

Variable airs and calms; fine, local fog.

7 { ENGLAND
N.W.

E^{ly} winds, light; fine.

8 { ENGLAND
S.W.

NE^{ly} winds, fresh; fine.

9 { IRELAND
NORTH

Same as No. 7

10 { IRELAND
SOUTH

Similar to No. 8

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	bc	*	*	bc	40	32	4.9	-
Newton Reigny (Penrith)	30.50	27	2 0	0	30.68	+ .30	19	18	- 1	NNW 1	bc	*	bc, bc	33	8	4.0	-	
Bath	30.41	35	NE 2	bc	30.62	+ .35	29	27	- 7	E 1	c	*	bc	38	28	0.0	-	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	39	27	bc	5.8	-	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	38	30	bc	0.0	-	Llandudno	*	*	*	2.5	*
Lowestoft, 6 p.m.	42	32	c, 0	0.2	-	Rhyl	*	*	*	1.3	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	34	26	bc	5.1	-
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	37	29	bc	3.0	-
Brighton	*	*	*	0.4	*	Darwen, 9 p.m.	35	25	bc	2.8	-

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Madeira (Funchal)	?	?	?	Ins.	Algiers	68	48	bc	bc
Madrid	46	39	0	0	Tunis	55	36	bc	bc
Corsica (I. Sanguinaires)	54	41	m	m	Vienna	46	34	bc	0
Rome	53	43	0	?	St. Petersburg	18	8	bc	0
Florence	50	43	0	0	Lugano	Information not rec'd yet.			
Trieste	46	39	c	c	Davos				
Brindisi	53	40	c	bc	Lucerne				
Naples	53	43	0	c	Lausanne				
Palermo	60	41	c	bc					Measured 7 a.m.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

14 JAN. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.0	12.2	4.4
Greenwich	8.2	12.9	4.16
Wick	8.54	12.21	3.48
Valencia	8.45	12.50	4.55

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for 8 a.m. on Wednesday, 15th January, 1902.

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STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.		Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.	
			At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.			
																					Ins.
SCANDINAVIA.	Haparanda	30.02	-7	N	2	3	30.04	+22	-20	-21	-13	Z	0	3	5	-20	*	-			
	Hernösand	30.19	-16	Z	0	0	30.38	+21	1	0	-14	Z	0	3	19	-16	*	-			
	Stockholm	30.22	14	E	4	3	30.28	+52	12	11	-10	WSW	2	0	3	22	12	*	-		
	Wisby	30.21	24	N	8	3	30.34	+60	26	23	-1	N	6	3	30	23	*	-			
	Karlstad	30.40	19	Z	0	3c	30.32	+34	14	13	-10	Z	0	3c	*	*	*	-			
	Færder (X'ania Fjord)	30.41	30	NW	4	0	30.26	+14	30	28	+1	W	2	0	1	32	27	*	-		
	Bodö	30.03	21	NE	2	8	29.58	-38	31	28	+5	SE	2	0	1	31	19	*	-		
	Christiansund	30.30	30	WNW	9	5	29.82	-	37	35	-	WSW	8	0	6	37	25	*	0.04		
	Skudesnaes	30.53	29	Z	0	3	30.27	-06	37	36	+8	SW	6	7	4	37	28	*	-		
	Sumburgh Head	30.41	37	W	3	7	29.95	-54	45	45	+14	WSW	6	0	6	45	29	*	0.82		
BRITISH ISLANDS.	Stornoway	30.69	34	SSW	4	3	30.61	-02	46	45	+15	WSW	6	0	5	3,3m	46	30	*	-	
	Malin Head	30.69	41	S	3	3c	30.71	+14	47	45	+9	SW	5	0	4	3,3cm	47	37	*	-	
	Blacksod Pt.	30.70	43	Z	0	3c	30.83	+31	43	41	-1	SE	1	3	3	4,3cm	46	36	0.2	-	
	Valencia	30.72	42	ESE	4	3	30.87	+28	34	32	-8	NNE	1	3	3	45	32	*	-		
	Roche's Point	30.73	32	E	1	3	30.80	+20	31	30	-4	SE	1	3	3	38	27	3.7	-		
	Parsonstown	30.74	33	W	1	3	30.70	+06	36	35	+2	WSW	4	0	3	37	29	*	-		
	Donaghadee	30.75	31	Z	0	3c	30.77	+11	34	33	+5	S	3	3	2	34	28	*	-		
	Liverpool Obsy.	30.73	33	E	1	3	30.78	+15	40	38	+8	WSW	3	0	2	38,3	40	30	*	-	
	Holyhead	30.72	35	ENE	4	3	30.84	+28	33	32	-1	NE	2	3m	2	38	31	5.6	-		
	Pembroke (St. Ann's)	30.64	47	E	5	0	30.84	+40	47	44	0	ESE	1	3	3	49	43	0.9	-		
GERMANY, &c.	Scilly (St. Mary's)	30.67	41	NE	3	c	30.89	+37	40	37	-2	NE	1	cm	1	45	37	2.3	0.01		
	Jersey (St. Aubins)	30.73	34	NE	2	3	30.89	+35	34	33	-1	NW	1	3	2	37	31	*	-		
	Portland Bill	30.69	32	NNE	2	3	30.86	+30	27	27	-8	N	2	0	2	39	26	*	-		
	Dungeness	30.52	32	SW	1	c	30.15	-143	44	43	+14	W	7	0	2	45	28	*	0.06		
	Wick	30.62	33	W	2	c	30.29	-35	46	43	+21	W	4	0	2	46	23	*	0.02		
	Nairn	30.64	29	WSW	1	3c	30.32	-31	45	41	+18	SW	2	0	2	45	27	4.7	0.08		
	Aberdeen	30.71	27	WSW	1	3	30.46	-17	41	39	+16	SW	4	0	2	41	24	*	-		
	Leith	30.74	29	W	2	c	30.56	-07	39	37	+9	SW	4	0	2	39	27	*	-		
	North Shields	30.68	36	NW	4	c	30.70	+14	33	32	-2	WSW	4	0	3	36	31	*	-		
	Spurn Head	30.64	36	NW	3	3c	30.77	+24	29	28	-6	W	2	3	4	38	27	*	0.04		
FRANCE.	Yarmouth	30.75	26	WNW	1	3	30.80	+19	30	27	+7	W	3	0	3	34	20	*	-		
	Loughborough	30.83	28	N	1	3	30.90	+25	23	23	-2	WSW	1	3	3	35	23	*	-		
	Oxford	30.74	34	NNE	3	3	30.86	+26	24	23	-8	WSW	1	3	3	36	24	0.0	-		
	London (Brixton)	30.44	33	N	1	3	30.36	+22	32	32	-1	W	2	m	0	34	28	*	-		
	The Scaw (Skagen)	30.60	30	W	2	c	30.54	+24	38	37	+6	W	6	0	1	38	28	*	0.04		
	Fanö	30.52	35	NW	3	3	30.63	+27	36	35	+2	W	2	3c	3	36	32	*	-		
	Cuxhaven	30.60	35	N	2	3c	30.72	+22	39	35	+2	W	2	0	2	39	34	*	0.04		
	The Helder	30.46	29	W	4	3	30.85	+31	32	32	-2	S	1	0	3	38	30	*	-		
	Brussels	30.63	31	N	2	3	30.63	+37	25	24	-5	W	2	3	3	34	28	*	-		
	Berlin	30.63	31	N	2	3	30.79	+46	26	26	-5	S	2	3	3	37	25	*	-		
SPAN. PEN.	Frankfurt	30.53	27	SW	3	0	30.71	+32	23	21	-6	W	3	3c	3	30	23	*	-		
	Munich	30.66	34	ENE	4	7	30.81	+31	37	36	-2	E	2	0	2	46	34	*	-		
	C. Gris Nez	30.66	41	ENE	2	0	30.86	+43	36	34	-2	NE	1	0	3	46	34	*	-		
	Brest	30.65	41	ENE	4	3c	30.88	+42	35	32	-5	NE	3	3	2	52	34	*	-		
	Lorient	30.55	38	NE	4	3	30.78	+36	32	31	-5	NE	5	3	3	41	30	*	-		
	Rochefort	30.45	44	N	3	0	30.67	+36	39	37	-8	ENE	1	0	2	52	37	*	-		
	Biarritz	30.64	36	NE	2	0	30.85	+36	26	26	-7	N	2	3	3	41	25	*	-		
	Paris	30.49	33	ENE	3	m	30.73	+35	23	22	-6	ENE	3	m	3	37	23	*	-		
	Belfort	30.49	33	N	3	0	30.65	+22	27	26	-2	N	4	3	3	35	27	*	-		
	Lyons	30.22	47	Z	0	3	30.35	+16	40	34	+3	E	4	3c	2	54	37	*	-		
SPAN. PEN.	Nice	30.32	32	NW	2	3	30.47	+19	42	39	+7	NW	4	3	3	60	35	*	-		
	Perpignan	30.34	54	NNE	3	3	30.46	+27	49	46	-3	NNE	4	3	4	59	48	*	-		
Corunna		30.34	54	NNE	3	3	30.46	+27	49	46	-3	NNE	4	3	4	59	48	*	-		
Lisbon		30.34	54	NNE	3	3	30.46	+27	49	46	-3	NNE	4	3	4	59	48	*	-		
Azores (P. Delgada)		30.34	54	NNE	3	3	30.46	+27	49	46	-3	NNE	4	3	4	59	48	*	-		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

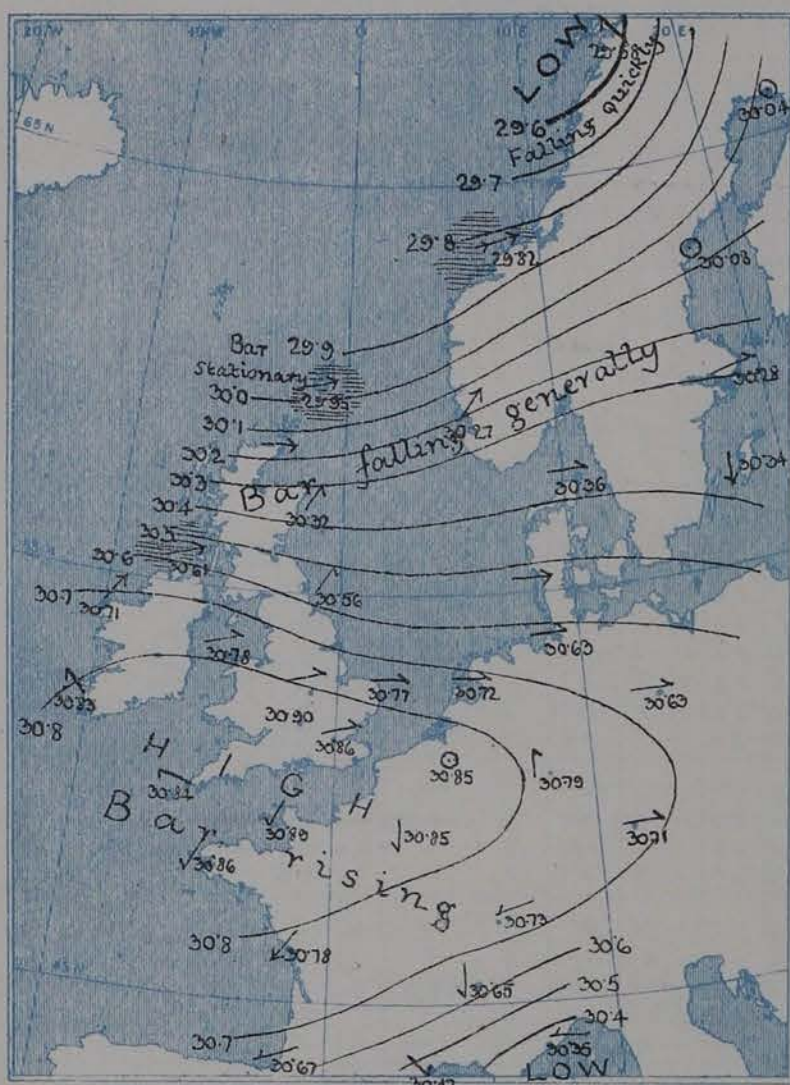
* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

FOR WEDNESDAY, 15TH JANY 1902

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

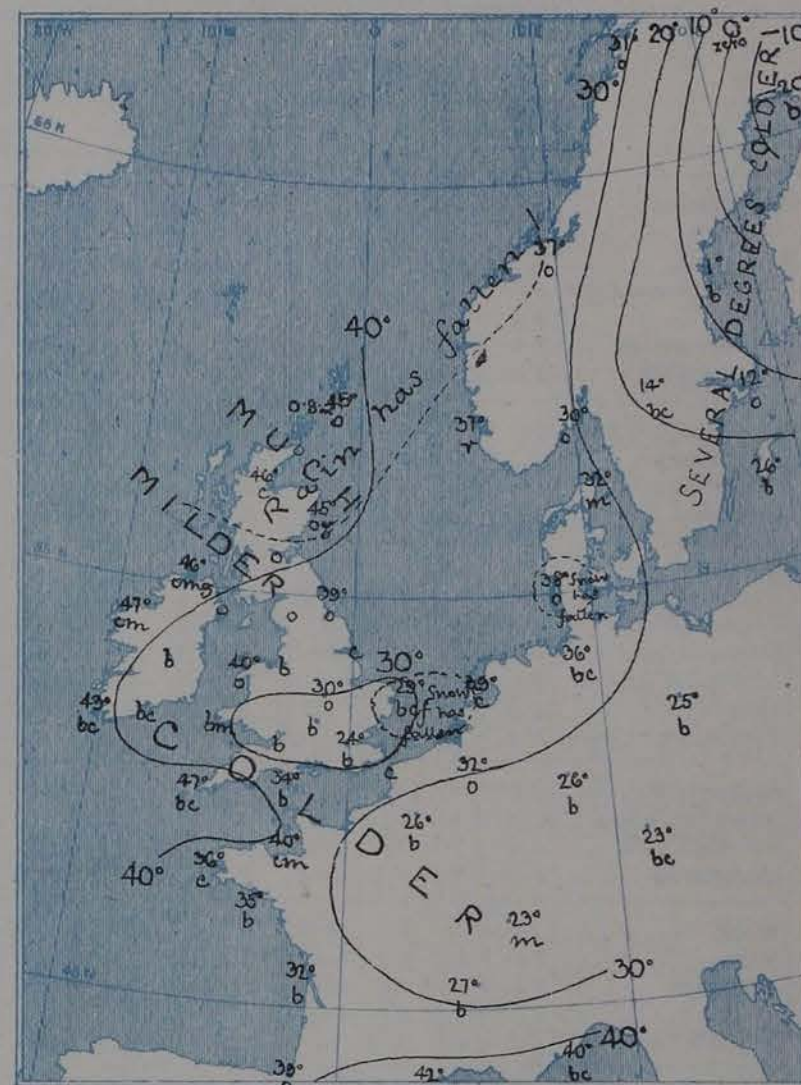
Force above 10 $\rightarrow \rightarrow$: Force 5 to 7 $\rightarrow \rightarrow$: } Calm ☉
Force 8 to 10 $\rightarrow \rightarrow$: Force 1 to 4 $\rightarrow \rightarrow$:

SEA.—Rough : High 

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.— { A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6



Yesterday morning.



Specimen	{	Highest Max.....	58°
(for Shields)	{	Lowest Min.....	6°

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



at 8 A.M. for the monthly period
January (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone to which attention was drawn yesterday, has moved southwards and increased in intensity, so that at all our southern stations the barometer is now above 30.8 ins, and at Offord it is 30.90 ins. At the same time there has been a fall in the north; at Sumburgh Head the reading is 29.95 ins, and at Bodø 29.88 ins.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is now W^{ly} or SW^{ly} over all the northern parts of the British Islands and is very strong at Wick and Sumburgh Head; in the west of Norway it is SW^{ly} and blows a gale at Christiansund. At our own southern stations it is light and variable and in the west of France it is NE^{ly}. Temperature has risen rapidly over the northern part of the Kingdom - as much as 20° at Narvik - but has fallen in the south. It is now as low as 23° or 24° over the inland parts of our southern counties, but stands at 46° at Narvik and Malin Head, 47° at Blackhead Point. On the Continent the values reported are 23° at Munich, 25° at Berlin, 26° at Paris, 12° at Stockholm, 1° at Hernösand, and -20° at Haparanda. Cloudiness has increased very much over the northern parts but in the south the sky is clear; rain is reported at Skudesnæs, but fine weather over the greater part of the Continent.

During the night minimum temperatures as low as from 20° to 24° have occurred over the southern districts; in Scotland the minima occurred yesterday morning. Bright sunshine was greater in many places than it was on the previous day.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The change of pressure-distribution appears likely to bring about a great change of weather all over the Kingdom. In the south the cold weather is likely to give way, and in all districts mild W^{ly} and SW^{ly} winds are probable, followed by rain.

FORECASTS *

For the 24 hours ending at NOON on 16 JANUARY, 1902

DISTRICTS.

FORECASTS.

1	SCOTLAND NORTH	W ^{ly} and SW ^{ly} winds, strong; showery, mild.
2	SCOTLAND EAST	W ^{ly} and SW ^{ly} winds, increasing; mild, cloudy, showery.
3	ENGLAND N.E.	
4	ENGLAND EAST	W ^{ly} and SW ^{ly} winds; becoming much milder, fair at present, but cloud increasing.
5	MIDLAND COUNTIES	
6	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

7	SCOTLAND WEST	Same as No. 0.
8	ENGLAND N.W.	Same as Nos. 1 and 2.
9	ENGLAND S.W.	Same as Nos. 3 to 5.
10	IRELAND NORTH	Same as Nos. 1 and 2.
11	IRELAND SOUTH	Same as Nos. 3 to 5.
WARNINGS		At 11.30 am today to districts 0, 6, and parts of 1 and 9, "HOIST SOUTH CONE"

Note.—The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌴), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on Sea	*	*	*	*	*	*	*	*	*	*	8	*	8	38	26	5.2	-
Newton Reigny (Penrith)	30.77	23	2 0	8	30.65	- .03	37	35	+ 18	SW 4	0	*	8c, 09	37	18	3.7	-
Bath	30.69	29	NE 1	0	30.87	+ .24	22	22	- 7	N 1	8	*	0	36	21	4.3	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	36	25	c	5.2	-	Worthing	*	*	*	1.7	*
Birmingham, 9 p.m.	32	26	8	0.0	-	Llandudno	*	*	*	5.7	*
Lowestoft, 6 p.m.	37	3.0	8c w	3.0	0.09	Rhyl	*	*	*	4.5	*
Hastings	*	*	*	2.3	*	Southport, 9 p.m.	34	22	8c	4.2	-
Eastbourne	*	*	*	1.4	*	Manchester, 9 p.m.	35	23	8 m	0.0	-
Brighton	*	*	*	1.3	*	Darwen, 9 p.m.	32	23	8 m	2.2	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	61	48	r r	Ins. 0.28	Algiers	61	48	6 c	Ins.
Madrid	52	36	c 0	-	Tunis	59	36	6c 6c	-
Corsica (I. Sanguinaires)	59	46	r m	0.16	Vienna	45	32	0 0	-
Rome	52	42	r 6c	0.08	St. Petersburg	1	-8	6 6c	-
Florence	51	44	0 r	0.08	1902 Jan. 13				Measured 7 a.m.
Trieste	45	39	0 0	-	Lugano	41	-	6	-
Brindisi	53	40	m 6c	-	Davos	25	-	6c	-
Naples	52	42	r r	0.08	Lucerne	41	-	6	-
Palermo	61	45	0 0	-	Lausanne	37	-	6	-

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corres- ponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

15 Jan. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.59	12.2	4.5
Greenwich	8 1	12.9	4.17
Wick	8.53	12.21	3.50
Valencia	8.44	12.50	4.56

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 16th January, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.		
At 82° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Max.	Min.								
Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	°	°	°	°	Ins.	Ins.	Ins.	Ins.	Ins.							
SCANDINAVIA.	Haparanda	29.02	18	SW	6	S	28.59	-1.45	26	25	+46	Z	0	3	S	9	-22		0.12		
	Hernösand	29.04	25	S	6	S	28.79	-1.29	39	39	+38	W	9	3	S	39	-20		0.28		
	Stockholm	29.41	30	SSW	6	S	29.09	-1.19	37	33	+25	NNW	6	0	S	37	10		0.28		
	Wisby	29.75	33	SSW	8	S	29.12	-1.22	39	37	+13	NW	0	0	S	39	21		0.47		
	Karlstad	29.42	38	SW	2	0	29.29	-1.03	40	33	+26	NW	9	3	S, 0				0.04		
	Färder (X'lania Fjord)	29.53	40	WSW	7	C	29.52	-1.74	42	35	+12	NN	7	4	C	42	30		0.12		
	Bodö	29.93	38	SW	8	T	28.98	-1.60	35	32	+4	NW	6	4	T	38	30		0.31		
	Christiansund	29.27	44	W	9	T	29.61	-1.21	37	33	0	N	9	0	T, 9	45	34		0.63		
	Skudesnaes	29.92	46	WNW	9	0	29.90	-1.37	42	39	+5	NN	8	0	5, 9	46	36				
BRITISH ISLANDS.	Sumburgh Head	29.93	47	W	8	0	30.07	+1.12	44	44	-1	W	3	T	6	0	47	38		0.20	
	Stornoway	30.60	48	SW	7	0	30.62	+1.01	49	48	+3	W	6	0m	4	0	49	45		0.01	
	Malin Head	30.74	47	WSW	4	3c	30.75	+1.04	48	46	+1	WSW	4	0m	4	3c	49	46			
	Blacksod Pt.	30.87	47	SSW	1	0	30.85	+1.02	45	43	+2	SSW	1	0	3	0, 0	51	42	5.4		
	Valencia	30.88	45	WSW	1	3	30.89	+1.02	40	39	+6	N	1	0	3	0, 3	48	34			
	Roche's Point	30.82	39	SE	1	0	30.81	+1.01	43	41	+12	SW	1	0	0	0	45	30	2.1		
	Parsonstown	30.69	44	W	3	0	30.66	-1.04	47	46	+11	W	3	0	3	0	47	35			
	Donaghadee	30.73	43	SW	6	0	30.70	-1.07	46	43	+10	WSW	6	0	5	0m	45	34			
	Liverpool Obsy.	30.78	45	WSW	3	0	30.74	-1.04	46	44	+6	W	5	0m	4	0	46	38			
GERMANY, &c.	Holyhead	30.83	47	W	4	C	30.82	-1.02	46	43	+13	NNW	4	0	3	0	47	33	0.3		
	Pembroke (St. Ann's)	30.89	48	W	1	3c	30.84	0	47	44	0	NNW	1	0	1	3c	50	43	7.0		
	Scilly (St. Mary's)	30.93	42	WNW	2	3	30.87	-1.02	47	43	+7	W	3	0m	3	3c, 3m	47	33	3.8		
	Jersey (St. Aubins)	30.87	44	WNW	4	3c	30.76	-1.13	46	44	+12	NNW	6	0	4	3c	46	34			
	Portland Bill	30.79	37	W	4	3	30.69	-1.17	41	40	+14	W	5	0	2	3c, 3	42	26			
	Dungeness	30.16	44	WNW	8	C	30.27	+1.12	47	46	+3	W	6	0	3	0	50	43		0.03	
	Wick	30.33	49	W	6	C	30.37	+1.08	49	45	+3	W	5	0	3	0	50	45			
	Nairn	30.27	48	WSW	5	3c	30.35	+1.03	48	43	+3	NNW	4	0	3	0, 3c	50	44	0.0		
	Aberdeen	30.46	45	SW	3	0	30.40	-1.06	48	44	+7	W	4	0	0	0	49	40			
FRANCE.	Leith	30.45	44	W	4	0	30.58	-1.06	47	45	+8	Z	0	0	2	0, 9	47	39		0.10	
	North Shields	30.56	38	W	5	0	30.50	-1.20	45	44	+12	NNW	6	0	4	0	46	33			
	Spurn Head	30.63	37	W	4	C	30.53	-1.24	39	38	+10	NNW	3	0m	3	3c, 0	39	27			
	Yarmouth	30.69	40	SW	5	0	30.62	-1.18	45	41	+15	W	3	0	0	0, 0, 9	45	30			
	Loughborough	30.79	37	WSW	3	0	30.72	-1.18	39	38	+16	SW	3	0	0	0, 0, 5	42	23			
	Oxford	30.79	36	WSW	2	3c, m	30.70	-1.16	40	38	+16	WSW	3	0	0	3c, 3	42	24	0.0		
	London (Brixton)	29.67	43	WNW	8	0	29.55	-1.81	43	43	+11	NN	6	3c	2	0	45	32		0.24	
	The Scaw (Skagen)	30.09	43	W	8	0	29.91	-1.63	46	43	+8	NNW	9	0	0	0, 9	46	36		0.12	
	Fanö	30.43	34	WSW	7	0	30.09	-1.54	44	42	+8	NNW	6	0	0	0, 9	45	34		0.16	
SPAN. PEN.	Cuxhaven	30.53	39	W	6	T	30.38	-1.34	45	43	+6	NNW	5	3	T	45	27		0.08		
	The Helder	30.62	41	W	4	0	30.62	-1.23	41	40	+9	WSW	4	0	0	0	38	32			
	Brussels	30.45	33	W	2	8	29.88	-1.75	40	40	+15	W	7	T	0	5	41	25		0.39	
	Berlin	30.72	33	SW	4	0	30.49	-1.30	37	35	+11	SW	4	0	0	0	37	26			
	Frankfurt	30.76	24	SW	5	3	30.49	-1.22	29	27	+6	SW	7	0	0	3	30	21		0.04	
	Munich	30.79	38	W	5	0	30.67	-1.14	43	43	+6	W	5	0	0	0	45	37			
	C. Gris Nez	30.98	39	ESE	1	3	30.92	+1.06	42	40	+6	Z	0	3	0	3	46	36			
	Brest	30.96	39	E	1	3	30.90	+1.02	37	36	+2	ENE	2	3	2	3	54	32			
	Lorient	30.91	35	NE	5	3	30.92	+1.14	31	31	-1	NE	3	3	0	3	41	28			
SPAN. PEN.	Rochefort	30.91	31	W	1	3	30.80	-1.05	36	34	+10	SW	2	0	0	3	38	26			
	Biarritz	30.84	24	ENE	2	m	30.81	+1.08	27	26	+4	WSW	4	0	0	m	32	22			
	Paris	30.86	30	NNE	3	3	30.91	+1.26	27	25	0	N	1	3	0	3	33	26			
	Nice	30.55	41	E	1	3	30.58	+1.23	35	32	-5	W	4	3	2	3	52	34			
	Perpignan	?	41	NW	4	3	30.74	+1.27	39	33	-3	NN	3	3	0	3	47	36			
	Corunna	30.46	51	NNE	5	3	30.52	+1.06	44	40	-5	NNE	5	3	0	3	57	43			
	Lisbon	29.93	60	ESE	5	C	29.95	-1.02	61	59	-5	E	4	m	6	C	63	55			
	Azores (P. Delgada)																				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. n. a. n. + Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR Thursday, 16th January, 1902

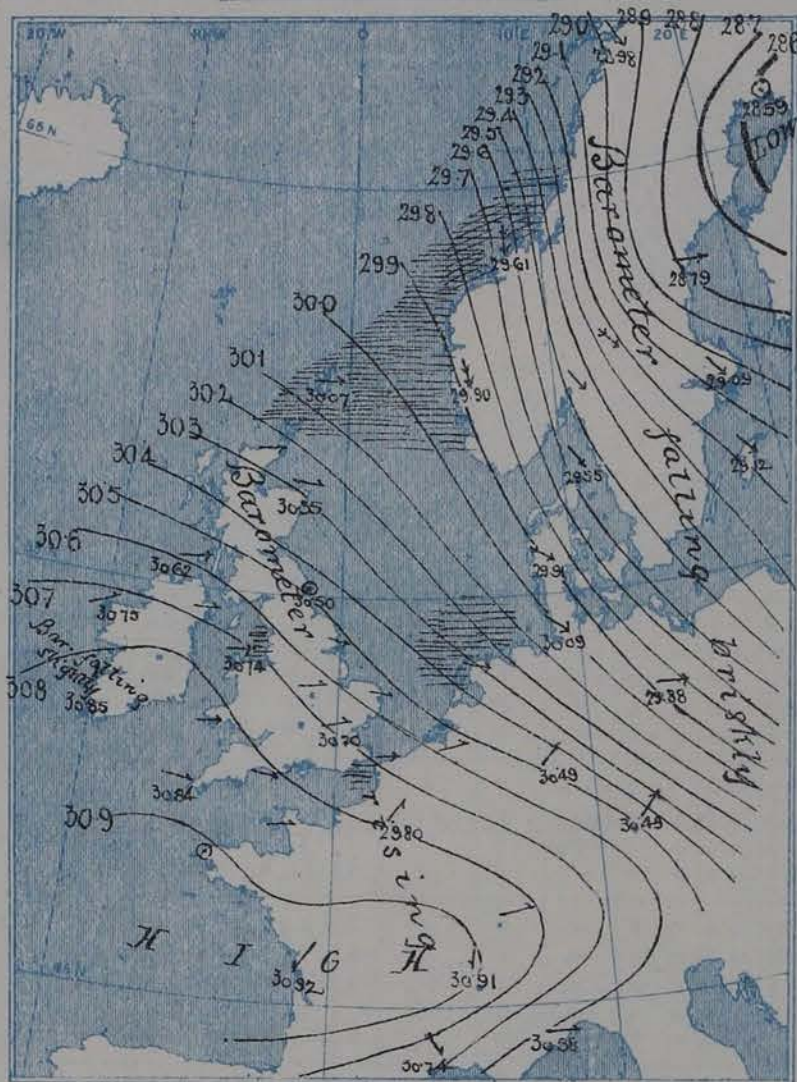
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm Ⓞ
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
(for Shields) { RAIN DAYS 15
Malin Head & Blacksod & Balmullet Values are for only 15 Yrs.



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period
January (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone noticed over the south of our Islands yesterday has now reached the Bay of Biscay and the southwest of France, while a large, deep, and very complex depression has arrived over Finland, northwestern Germany, and the Baltic. The present readings range from 30.9 ins. and more over the Bay of Biscay and 30.35 ins. at Aberdeen to 29.12 at Stockholm and 28.59 ins. at Haparanda. In the Gulf of Bothnia the barometer has fallen about an inch and a half since yesterday.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is blowing a strong gale from between W. and NW. over the countries lying to the eastward of the North Sea; it is mainly W^{ly} and strong in the north, east, and northwest of our Islands, but has become light and variable in the extreme southwest, and in the west of France; at Valencia there is a S^{ly} air. Temperature ranges from 49° at Malin Head, and at Rairn, and 47° at Scilly, to 39° at Yarmouth, and 27° at Lyons; it is 40° at Berlin and Karlstad, 26° at Haparanda. The values for our Islands are considerably above the average, the distribution is abnormal and the rise since yesterday varies from 3° in Scotland to between 15° and 19° over England. In Sweden the rise is as much as 25° to 46° in the 24 hours. The weather is in a very changeable condition; the index is reported at Bodø, much cloud over the British Isles and France, rain at Berlin. The sea is very rough in the far north, moderate in the Channel.

During the past 24 hours, there has been a great deal of snow and rain over Scandinavia, Denmark, and Germany, and some over the North Sea. Bright sunshine amounted to 7 hours at Scilly and between 5 and 6 hours at several of our other stations. At Aberdeen and in London there was none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general condition is very unstable and the changes are great and frequent. NW^{ly} winds are probable in the north and east, but there are slight indications of a minimum approaching our southwestern coasts from the Atlantic.

FORECASTS *

For the 24 hours ending at NOON on 17 JANUARY, 1902

DISTRICTS.



FORECASTS.

0	{ SCOTLAND NORTH	W ^{ly} to NW ^{ly} winds, strong to moderate; some rain, then fine and colder.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	W ^{ly} winds, moderate to fresh; rather colder, cloudy.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	W ^{ly} breezes; dull, then SW ^{ly} force not at present indicated; very changeable, mild.

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	W ^{ly} winds, strong, with some rain; uncertain later.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	Same as No. 5.
9	{ IRELAND NORTH	Same as Nos. 6 and 7.
10	{ IRELAND SOUTH	Wind and weather very changeable and unsettled.
WARNINGS		The South Cone is still flying in districts 0, 1, 6, and 9.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	B, c	40 27	2.2	-
Newton Reigny (Pentrich)	30.61	44	WSW 6	0	30.58 - .07	45	43	+ 8	W 4	0	*	0997	45 36	0.0	0.02
Bath	30.77	30	N 1	m	30.75 - .12	41	40	+ 19	NW 3	0	*	m	42 22	0.5	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	42	25	c, o	0.0	-	Worthing	*	*	*	5.1	*
Birmingham, 9 p.m.	41	25	o	0.0	-	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	37	27	c	2.0	-	Rhyl	*	*	*	3.2	*
Hastings	*	*	*	5.6	*	Southport, 9 p.m.	44	24	o	0.0	-
Eastbourne	*	*	*	5.6	*	Manchester, 9 p.m.	44	27	o	0.0	-
Brighton	*	*	*	3.3	*	Darwen, 9 p.m.	41	25	o m.	0.0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	64	54	b, c	0.16	Algiers	59	50	c, o	-
Madrid	52	30	b - b	-	Tunis	57	41	o, o	-
Corsica (I. Sanguinaires)	59	43	m m	-	Vienna	39	25	c, b	-
Rome	50	42	b, c	0.32	St. Petersburg	- 1°	- 25°	s s	0.04
Florence	53	44	o	0.28	14 Jan. -/02				Measured 7 a.m.
Trieste	46	36	f	-	Lugano	41	-	b	-
Brindisi	53	42	b	0.08	Davos	28	-	c	-
Naples	53	44	o	0.28	Lucerne	34	-	c	-
Palermo	not rec'd		-	-	Lausanne	39	-	b	-

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

16 Jan. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.58	12.3	4.7
Greenwich	8 1	12.10	4.19
Wick	8 52	12.22	3.52
Valencia	8.43	12.51	4.58

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on *Friday, 17th January, 1902*

Issued by the Meteorological Office, 63, Victoria Street, London. *W. N. SHAW, Secretary.*

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall Ins.		
				Dirac.	Force (0 to 12.)		At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Weather.	Max.			Min.	
																					At 32° and M. S. L.
SCANDINAVIA.	Haparanda	29.02	22	SE	2	0	29.39	+ .80	23	20	- 3	NNW	6	3	*	0	27	12	*	0.04	
	Hernösand	29.44	29	NW	9	3	29.67	+ .88	29	28	- 10	Z	0	0	*	3	39	14	*	-	
	Stockholm	29.71	32	W	6	0	29.83	+ .74	27	23	- 10	WNW	4	3	*	3	39	25	*	-	
	Wisby	29.68	36	NW	8	3	29.87	+ .75	35	31	- 4	NW	8	3	*	3	43	34	*	-	
	Karlstad	29.85	34	NNW	6	8	29.97	+ .68	26	25	- 14	W	2	c	*	3	*	*	-	-	
	Färder (X'ania Fjord)	29.93	37	W	2	3	29.93	+ .41	38	36	- 4	WSW	4	3	3	3	43	36	*	-	
	Bodö	29.41	31	WNW	6	3c	29.65	+ .67	28	27	- 7	N	2	3	2	3c	36	25	*	-	
	Christiansund	30.01	32	N	7	5	29.74	+ .13	44	42	+ 7	W	8	7	6	5	45	32	*	0.35	
	Skudesnaes	30.20	40	NNW	4	c	30.19	+ .29	48	44	+ 3	W	7	7	4	c	45	39	*	*	
	Sumburgh Head	30.10	46	WNW	4	0	30.16	+ .09	46	45	+ 2	WSW	5	0	6	0	46	43	*	0.09	
BRITISH ISLANDS.	Stornoway																				
	Malin Head	30.66	46	W	4	0	30.48	- .14	41	40	- 8	SSW	3	0g	3	0,0gm	49	40	*	-	
	Blacksod Pt.	30.68	47	SW	4	0	30.46	- .29	45	42	- 3	SSW	4	c	4	c,0	48	44	*	-	
	Valencia	30.73	45	SSW	1	c	30.49	- .36	47	44	+ 2	SE	3	0	3	c	47	45	0.0	-	
	Roche's Point	30.76	45	WSW	1	0	30.57	- .32	46	44	+ 6	SSW	3	0	3	c,0	47	40	*	-	
	Parsonstown	30.74	43	SW	1	0	30.55	- .26	33	32	- 10	NNE	1	c	*	c	46	31	2.6	-	
	Donaghadee	30.63	48	NW	2	0	30.51	- .15	40	39	- 7	NNW	2	0	1	0	49	38	*	-	
	Liverpool Obsy.	30.68	44	WSW	4	0	30.56	- .14	41	41	- 3	WSW	1	0	2	0	45	41	*	-	
	Holyhead	30.71	46	WNW	3	0	30.56	- .18	44	43	- 2	WSW	1	c	1	c,0	47	43	*	-	
	Pembroke (St. Ann's)	30.73	46	NW	3	3	30.56	- .26	38	37	- 8	E	2	fw	2	c	48	37	3.4	-	
GERMANY, &c.	Scilly (St. Mary's)	30.75	47	W	1	c	30.55	- .29	46	44	- 1	SSE	3	c	2	3c	50	43	5.7	-	
	Jersey (St. Aubins)	30.80	46	WNW	3	3	30.59	- .28	43	42	- 4	W	3	of	3	c,3	49	33	1.0	-	
	Portland Bill	30.76	46	NW	3	3	30.60	- .16	42	40	- 4	NNE	1	cm	1	c,3	47	42	*	-	
	Dungeness	30.69	43	NW	2	0	30.57	- .12	42	41	+ 1	Z	0	om	1	0,0g	44	40	*	-	
	Wick	30.36	48	W	6	0	30.32	+ .05	45	43	- 2	W	2	0	1	0	48	43	*	0.05	
	Nairn	30.46	50	W	3	c	30.37	0	45	43	- 4	W	1	a	1	c	52	43	*	-	
	Aberdeen	30.47	49	W	2	c	30.40	+ .05	38	37	- 10	SW	1	om	1	c,0	51	37	2.2	-	
	Leith	30.54	47	WNW	2	0	30.43	+ .03	45	43	- 3	WSW	3	om	*	0	51	42	*	-	
	North Shields	30.56	45	W	2	3c	30.48	- .02	43	42	- 4	WSW	2	m	2	c,3c	50	41	*	-	
	Spurn Head	30.58	43	W	3	3c	30.52	+ .02	41	41	- 4	WNW	3	m	2	c	46	40	*	-	
FRANCE.	Yarmouth	30.59	41	W	3	3c	30.53	0	40	39	+ 1	WNW	3	f	4	3c,3cm	46	37	*	-	
	Loughborough	30.67	45	W	2	0	30.57	- .05	43	42	- 2	W	1	0gm	*	0,0gm	49	41	*	-	
	Oxford	30.70	43	W	2	0	30.59	- .13	41	40	+ 2	WSW	1	0	*	0	46	39	*	-	
	London (Brixton)	30.70	44	WSW	2	0	30.58	- .12	41	39	+ 1	SW	1	0gm	*	0	45	39	0.0	-	
	The Scaw (Skagen)	30.00	39	NW	4	3	30.06	+ .51	41	40	- 2	NW	3	3c	1	3	45	39	*	-	
	Fanö	30.25	42	WNW	8	c	30.30	+ .39	42	42	- 4	WNW	7	0	*	c	47	41	*	-	
	Cuxhaven	30.27	43	NW	6	0	30.34	+ .25	43	42	- 1	NW	4	0	*	0	45	41	*	0.04	
	The Helder	30.48	43	NW	1	0	30.48	+ .10	43	42	- 2	NW	1	0	2	3	46	43	*	-	
	Brussels		*	*	*	*	30.59	- .03	40	40	- 1	NNW	1	f	*	0	43	39	*	-	
	Berlin	30.07	40	WNW	5	3	30.22	+ .34	40	39	0	NW	4	0	*	3	45	30	*	0.04	
SPAN. PEN.	Frankfurt	30.49	44	W	4	c	30.52	+ .03	44	41	+ 7	W	4	0	*	c	45	37	*	0.04	
	Munich	30.45	34	SW	8	S	30.51	+ .02	36	35	+ 7	W	6	0	*	5	37	29	*	0.20	
	C. Gris Nez	30.64	45	WNW	5	0	30.58	- .09	43	42	0	S	1	c	1	0	46	37	*	-	
	Brest	30.80	43	SE	1	3	30.58	- .34	41	39	- 1	ESE	2	0	2	3	43	34	*	-	
	Lorient	30.79	43	E	1	0	30.59	- .31	42	41	+ 5	E	2	0	2	0	54	37	*	-	
	Rochefort	30.77	39	NE	2	3	30.62	- .30	37	36	+ 6	NNE	3	3	*	3	43	31	*	-	
	Biarritz	30.76	39	NNE	1	3	30.49	- .36	30	29	0	Z	0	3	0	3	43	28	*	-	
	Paris	30.73	44	NW	2	0	30.63	- .17	39	38	+ 3	SSE	1	0	*	0	46	36	*	-	
	Belfort	30.73	30	WSW	4	m	30.63	- .18	30	30	+ 3	SW	1	f	*	m	32	27	*	-	
	Lyons	?	34	N	1	0	30.61	- .30	34	33	+ 7	N	1	0	*	0	38	27	*	-	
SPAN. PEN.	Nice																				
	Perpignan	30.52	52	NW	4	3	30.30	- .44	54	41	+ 15	NW	3	3	*	3	59	39	*	-	
SPAN. PEN.	Corunna																				
	Lisbon	30.47	50	NNE	4	3c	30.40	- .12	44	42	0	NNE	4	0	*	3c	57	43	*	-	
Azores (P. Delgada)	29.97	60	ESE	3	f	30.01	+ .06	58	55	- 3	NW	1	f	5	f	63	58	*	0.43		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. + Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR Friday, 17th January, 1902

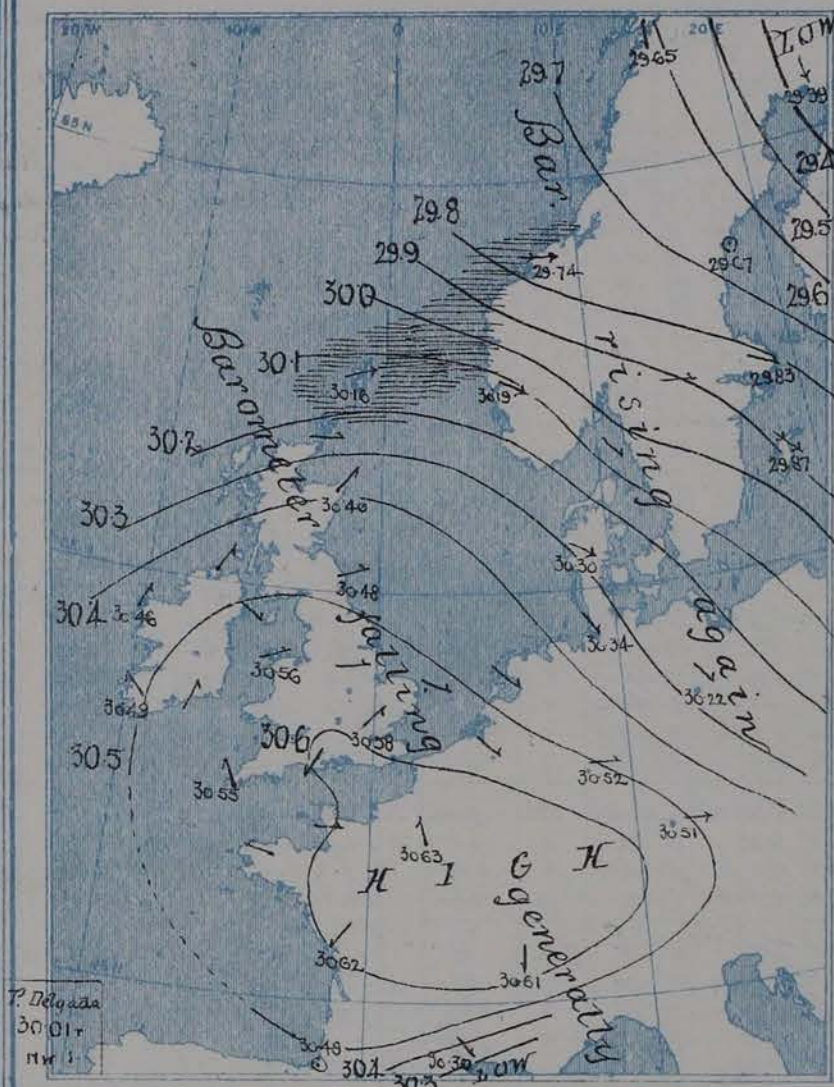
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough  : High 



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

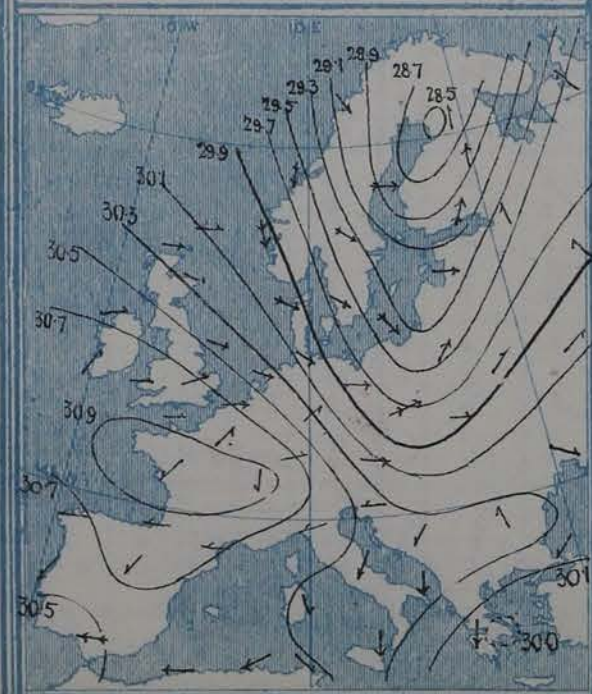
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
(for Shields) { RAIN DAYS 15

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

January (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A decided movement eastwards of the anticyclone, which covered the Bay of Biscay yesterday, and some reduction in its intensity has been accompanied by a recovery of pressure over the northern and central parts of the Continent. Readings this morning range from 30.6 ins. and more over France, to 29.39 at Haparanda and 30.46 ins. in the west of Ireland.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is still NW⁴ and W⁴ over Scandinavia and Germany, and blows a gale at a few stations; on our eastern and northern coasts it is W⁴ and light, but in Ireland it has backed to SE. and S. and is increasing slightly in force; over France variable airs are prevalent. Temperature ranges from 47° at Valencia, 46° at Scilly, 45° at Leith and Skudesnaes, to 30° at Belfast, 26° at Harstad and 23° at Haparanda. Central Ireland too reports a value of 33°. The distribution is irregular, but as a whole the readings over Great Britain are rather higher than the average. The weather, though not settled, is fine over the north of Scotland, and the southwest of France, gloomy or hazy elsewhere; in Sweden it is very bright. The sea is rough in the far north, smooth in the south. Since yesterday maximum temperatures of 50° or more have been recorded not only at Scilly, but also on the northeast coast of Great Britain, 49° at Donaghadee and Loughborough, and the minima in the night were not low. Rain has fallen at Wick and on the Continent. Bright sunshine, except at Scilly and in the south of Ireland has been very slight.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new decrease of pressure in the west will probably cause SE²₄ and S²₄ winds—first in Ireland—and then over England. At present, however, it does not seem to indicate dangerous winds.

FORECASTS *

For the 24 hours ending at NOON on 18 JANUARY, 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	Wind backing to SW, and increasing; milder, some rain.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	W ⁴ airs, followed by SW ⁴ and S ⁴ breezes, light; hazy to fair.
5	{ ENGLAND SOUTH	
		Varying SW ⁴ to SE ⁴ airs; fair, but hazy, then clear.

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as No. 0.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	SW ⁴ and S ⁴ winds, increasing; some rain.
9	{ IRELAND NORTH	SE ⁴ and S ⁴ winds; unsettled, fair to rainy.
10	{ IRELAND SOUTH	
		S ⁴ and SE ⁴ winds, increasing in force, becoming rainy.

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
						Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	0	43	39	0.0	—
Newton Reigny (Penrith)	30.61	46	W 3	0	30.52 - .06	40	38	- 5	WSW 2	0	*	0 m	47	39	0.0	—
Bath	30.67	44	NW 1	0	30.58 - .17	39	38	- 2	NNW 1	m	*	0	46	39	0.0	—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	47	41	c	0.0	—	Worthing	*	*	*	0.0	—
Birmingham, 9 p.m.	*	*	*	0.0	—	Llandudno	*	*	*	0.0	—
Lowestoft, 6 p.m.	45	37	ew	0.0	—	Rhyl	*	*	*	1.4	—
Hastings	*	*	*	0.0	—	Southport, 9 p.m.	45	43	o, c, o	0.0	—
Eastbourne	*	*	*	0.0	—	Manchester, 9 p.m.	47	42	0	0.0	—
Brighton	*	*	*	0.0	—	Darwen, 9 p.m.	44	39	0 m	0.0	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	*	*	*	Ins.	Algiers	63	52	c c	0.08
Madrid	54	32	b	—	Tunis	57	43	bc o	0.43
Corsica (I. Sanguinaires)	54	41	m	—	Vienna	32	28	o o	—
Rome	51	33	b	—	St. Petersburg	0	-13	b o	—
Florence	43	28	b	—	15. Jan. 01	1 p.m.	—	—	Measured 7 a.m.
Trieste	41	32	b	—	Lugano	41	—	b	0.04
Brindisi	48	35	o	0.12	Davos	16	—	b	—
Naples	50	34	b	—	Lucerne	32	—	bc	—
Palermo	63	43	o	0.28	Lausanne	30	—	b	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

17 JAN. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.57	12.3	4.9
Greenwich	8.0	12.10	4.21
Wick	8.50	12.22	3.54
Valencia	8.42	12.51	5.0

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„ Weekly „ „ „ „ £1 10 0 „ Single Copies, 6d.

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 18th January, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.



STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)											PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.			Sun- shine. Hours	Rainfall. Ins.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.	Min.	Sun- shine. Hours	Rainfall. Ins.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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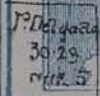
NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

FOR Saturday, 18th January, 1902

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 $\rightarrow \rightarrow$: Force 5 to 7 $\rightarrow \rightarrow$:
 Force 8 to 10 $\rightarrow \rightarrow$: Force 1 to 4 $\rightarrow \rightarrow$: } Calm ⊙
 SEA, — Rough  : High 



TEMPERATURE.—Isotherms are drawn for each 10°. WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.— $\left\{ \begin{array}{l} \text{A dotted line separates areas where rain has fallen from those} \\ \text{without rain. The fall in past 24 hours when exceeding half} \\ \text{an inch is shown thus—} 0.6 \end{array} \right.$



Yesterday morning.



Malin Head & Blacksod Belmullet Values are for only 15 Yrs.



at 8 A.M. for the monthly period
January (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone recently noticed over western Europe has decreased greatly in intensity and has now moved northwards to Ireland, England, and the north of France; and this morning's readings range from 30.39 at Oxford to 30.23 ins. at Biarritz, 29.81 ins. at Wisby, 30.02 ins. at Christiansund, and 30.26 ins. at Blacksod Point. The mercury has risen again over Scandinavia, fallen elsewhere.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light and mainly anticyclonic - NE^{ly} at our own southern stations; W^{ly} in the north; SE^{ly} to SW^{ly} in the west, and NW^{ly} in the east. Calms are very prevalent over central England. Temperature has fallen again in most places; at Loughborough it has gone down 18° in the 24 hours. The present readings in our Islands range from 47° at Valencia, 46° at Sicily, 42° at Dungeness and 45° at Sumburgh Head to 25° at Loughborough, 30° at Newton Reighy, 36° at Parsonstown. The coast readings are rather above, the inland values much below, the average. On the continent values are 29° at Belfort, 33° at Munich, 42° at Berlin; 25° at Stockholm, 2° at Haparanda. The weather, though a little showery in the west of Ireland, is fair as a whole; clear at a few Scandinavia stations, foggy, gloomy, and very cloudy in most other regions. Sea is smooth both in the English and Irish Channels.

During yesterday the weather was rainless almost all over the United Kingdom; but some showers fell over Germany and at some northern stations. Of bright sunshine there was hardly any except at Valencia.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the anticyclone is now, apparently, dying out, there is no indication of the advance of any new disturbance at present, and fair, dry, colder weather is probable, with fog in places.

FORECASTS *

For the 24 hours ending at NOON on 19th JANUARY, 1902

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW ^{ly} breezes, moderate; mild, rather showery.	6 { SCOTLAND WEST	Same as No. 0
1 { SCOTLAND EAST	W ^{ly} and SW ^{ly} winds, light; fine.	7 { ENGLAND N.W.	} Variable and S ^{ly} breezes, light; fair.
2 { ENGLAND N.E.	} Variable airs and calms; fair, fog and haze in places. Colder.	8 { ENGLAND S.W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	} S ^{ly} and SE ^{ly} winds, light; a few showers.
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH	NE ^{ly} airs; fair, colder, some fog inland.	WARNINGS	None Issued

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	C	*	m, f	43 37	0.0	0.02
Newton Reigny (Penrith)	30.39	38	WSW 1	3	30.33 - .19	30	29	- 10	NE 1	3	*	om, 30	44 30	0.2	-
Bath	30.39	43	W 1	m	30.35 - .23	39	39	0	W 1	f	*	m	45 38	0.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	46	39	C	1.0	-	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	*	*	*	*	*	Llandudno	*	*	*	0.7	*
Lowestoft, 6 p.m.	44	38	C	0.0	-	Rhyl	*	*	*	1.5	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	45	39	o, c, 3	0.8	-
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	46	33	o	0.0	-
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	43	39	3v	0.0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE. F		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. F		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	66	54	c.	0.	Algiers	57	45	c	6
Madrid	50	25	b.	b.	Tunis	50	36	b	0
Corsica (I. Sanguinaires)	54	43	m	2	Vienna	41	39	r	r
Rome	45	39	o	0	St. Petersburg	9	-13	o	0
Florence	42	36	o	0	16. JAN. - 02				Measured 7 a.m.
Trieste	41	32	b	bc	Lugano	41	-	b	-
Brindisi	45	36	b	bc	Davos	28	-	s.	0.04
Naples	44	34	b	bc	Lucerne	34	-	c	-
Palermo	51	38	b	o	Lausanne	34	-	bc	-

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

16. Jan., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.55	12.3	4.11
Greenwich	7.59	12.10	4.23
Wick	8.48	12.22	3.57
Valencia	8.41	12.51	5.2

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 19th January

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 82° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Weather.	Max.			Min.	
																					Ins.
SCANDINAVIA.	Haparanda	30.11	0	N	4	b	30.11	+22	-15	-11	-14	Z	0	0	*	b	9	?	*	—	
	Hernösand	30.25	5	Z	0	b	30.44	+49	2	2	-10	Z	0	0	*	b	18	2	*	—	
	Stockholm	30.30	15	Z	0	b	30.27	+39	14	13	-11	Z	0	0	*	b	30	14	*	—	
	Wisby	30.01	26	NNE	6	c	30.31	+50	22	21	-10	E	2	0	*	c	39	?	*	—	
	Karlstad	30.13	21	ENE	2	o	30.16	+22	24	26	-3	SSW	2	5	*	o	*	*	—		
	Færder (X'ania Fjord)	30.23	33	SSE	4	o	30.08	+15	38	37	+2	WSW	4	0	2	o	38	30	*	—	
	Bodö	30.09	18	E	2	b	29.65	-40	23	20	+2	E	4	0	1	b	23	16	*	—	
	Christiansund	30.05	34	E	2	c	29.78	-24	41	39	+6	WSW	8	7	5	c	41	32	*	0.12	
	Skudesnaes	30.16	44	NW	4	r	30.08	-02	41	41	-3	SW	4	0	3	r	45	41	*	*	
	Sumburgh Head	30.09	44	W	3	o	29.81	-28	43	43	-2	SW	4	0	5	o	45	41	*	0.03	
BRITISH ISLANDS.	Stornoway	30.21	42	SW	5	cm	30.11	-14	44	44	+3	SW	6	cu	3	cm	45	40	*	0.05	
	Malin Head	30.21	46	SSW	5	cm	30.22	-04	45	42	0	WSW	5	bc	5	cm	48	44	*	0.10	
	Blacksod Pt.	30.29	46	SSE	3	om	30.33	+04	47	47	0	SW	1	0	3	om	48	46	0.0	0.03	
	Roche's Point	30.35	46	WSW	2	o	30.38	+01	47	45	+1	SW	3	0	3	o	47	43	*	—	
	Parsonstown	30.31	42	ESE	1	o	30.29	-04	44	44	+8	SW	1	orm	*	o	45	35	0.0	—	
	Donaghadee	30.32	39	SW	1	c	30.20	-12	45	43	+10	WSW	3	0	3	c	48	33	*	—	
	Liverpool Obsy.	30.38	40	WSW	1	b	30.33	-04	40	37	+2	S	3	0	2	b	45	35	*	—	
	Holyhead	30.35	44	WSW	1	om	30.32	-03	46	44	+3	SW	3	ogm	2	c,om	46	41	*	—	
	Pembroke (St. Ann's)	30.36	41	ENE	1	c	30.37	+02	46	42	+5	SSW	4	og	3	c	46	37	1.4	—	
	Scilly (St. Mary's)	30.33	44	ENE	2	o	30.40	+07	47	45	+1	ESE	2	0	1	o	49	43	0.0	—	
GERMANY, &c.	Jersey (St. Aubins)	30.34	45	ENE	1	om	30.49	+16	43	41	-1	NE	1	of	1	om	46	42	0.0	—	
	Portland Bill	30.38	42	NE	1	o	30.46	+10	41	38	-1	E	1	cm	1	om, o	43	39	*	—	
	Dungeness	30.38	37	NE	1	c	30.46	+11	28	28	-14	N	1	f	1	c	43	21	*	—	
	Wick	30.14	43	SW	3	bc	29.91	-27	43	41	0	S	2	0	1	bc	46	40	*	—	
	Nairn	30.12	44	W	2	o	29.95	-28	46	44	+4	WSW	3	bc	1	o	46	38	*	—	
	Aberdeen	30.24	42	SW	2	c	30.03	-23	41	40	0	SW	3	c	2	o, c, f	45	38	0.0	0.02	
	Leith	30.26	42	WSW	1	o	30.10	-14	45	42	+3	WSW	4	0	*	o	45	39	*	—	
	North Shields	30.32	39	W	2	bc, m	30.21	-06	40	38	+2	SW	3	op	2	om, bc, m	43	34	*	—	
	Spurn Head	30.33	38	WNW	3	f	30.33	+03	36	35	0	SW	3	bc	2	f	42	34	*	—	
	Yarmouth	30.31	39	WNW	2	m	30.37	+04	32	31	-2	W	2	f	4	b, m	42	29	*	—	
FRANCE.	Loughborough	30.38	32	WNW	1	b	30.41	+03	26	25	+1	ESE	1	bf	*	f, bc, m, f	44	25	*	—	
	Oxford	30.42	31	NE	1	b	30.46	+07	29	29	-9	SSW	1	cf	*	bc, m	48	28	*	—	
	London (Brixton)	30.39	36	N	1	bm	30.48	+10	29	28	-12	W	1	b	*	cm, bm	44	24	0.3	—	
	The Scaw (Skagen)	30.23	37	E	2	m	30.15	+28	37	37	-5	W	2	m	0	m	45	36	*	—	
	Fanö	30.27	42	WNW	4	o	30.31	+18	41	40	-2	W	2	0	*	o	43	41	*	—	
	Cuxhaven	30.26	42	WNW	2	o	30.37	+16	41	40	0	WNW	2	0	*	o	43	37	*	—	
	The Helder	30.30	41	NW	1	b	30.36	+08	40	38	-1	WSW	1	0	?	b	43	32	*	—	
	Brussels	*	*	*	*	*	30.47	+12	37	36	-3	WSW	1	0	*	o	42	35	*	—	
	Berlin	30.17	42	W	3	r	30.34	+23	39	39	-3	Z	0	0	*	r	45	37	*	0.04	
	Frankfurt	30.33	41	N	2	c	30.42	+11	39	37	0	N	2	0	*	c	43	37	*	—	
SPAN. PEN.	Munich	30.27	33	SE	2	o	30.39	+09	33	33	0	SW	2	r	*	o	37	32	*	0.04	
	C. Gris Nez	30.35	41	NE	2	m	?	?	39	38	-4	S	1	bc	1	m	45	37	*	—	
	Brest	30.35	44	NE	2	o	30.44	+16	41	39	-1	NE	1	0	2	o	48	37	*	—	
	Lorient	30.33	45	ENE	3	bc	30.47	+18	37	37	-2	NE	2	0	2	bc	50	32	*	—	
	Rochefort	30.33	35	NE	3	m	30.42	+16	33	33	+1	NE	4	b	*	m	36	32	*	—	
	Biarritz	30.28	50	WSW	4	o	30.38	+15	48	44	+4	NW	4	0	2	o	50	46	*	—	
	Paris	30.33	34	SW	1	bc	30.43	+09	38	37	+6	NNW	2	0	*	bc	41	34	*	—	
	Belfort	30.26	32	ENE	4	m	30.35	+08	31	30	+2	NE	3	m	*	m	35	27	*	—	
	Lyons	30.32	31	N	5	o	30.41	+10	30	30	-1	NW	1	0	*	o	34	30	*	—	
	Nice	30.19	46	E	1	o	30.17	-08	43	40	-2	E	2	0	3	o	48	43	*	—	
Perpignan	30.24	43	W	2	bc	30.27	+04	36	35	-2	Z	0	0	*	bc	53	33	*	—		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Sunday 19th January 1902

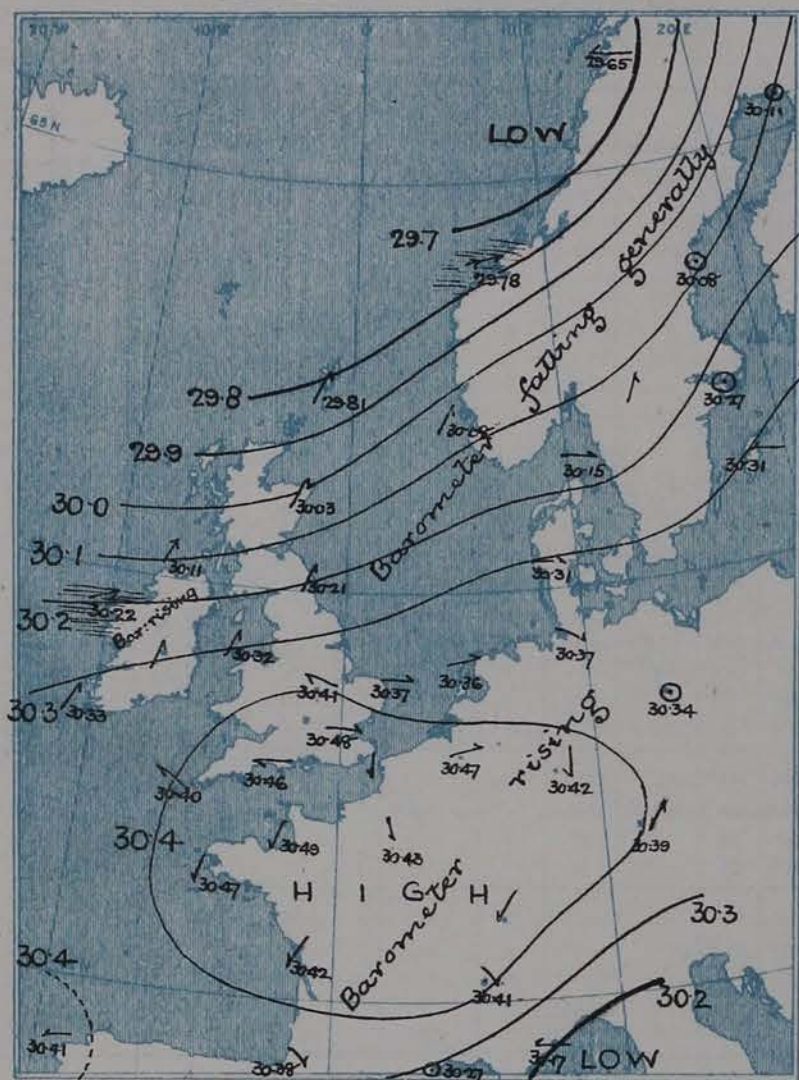
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

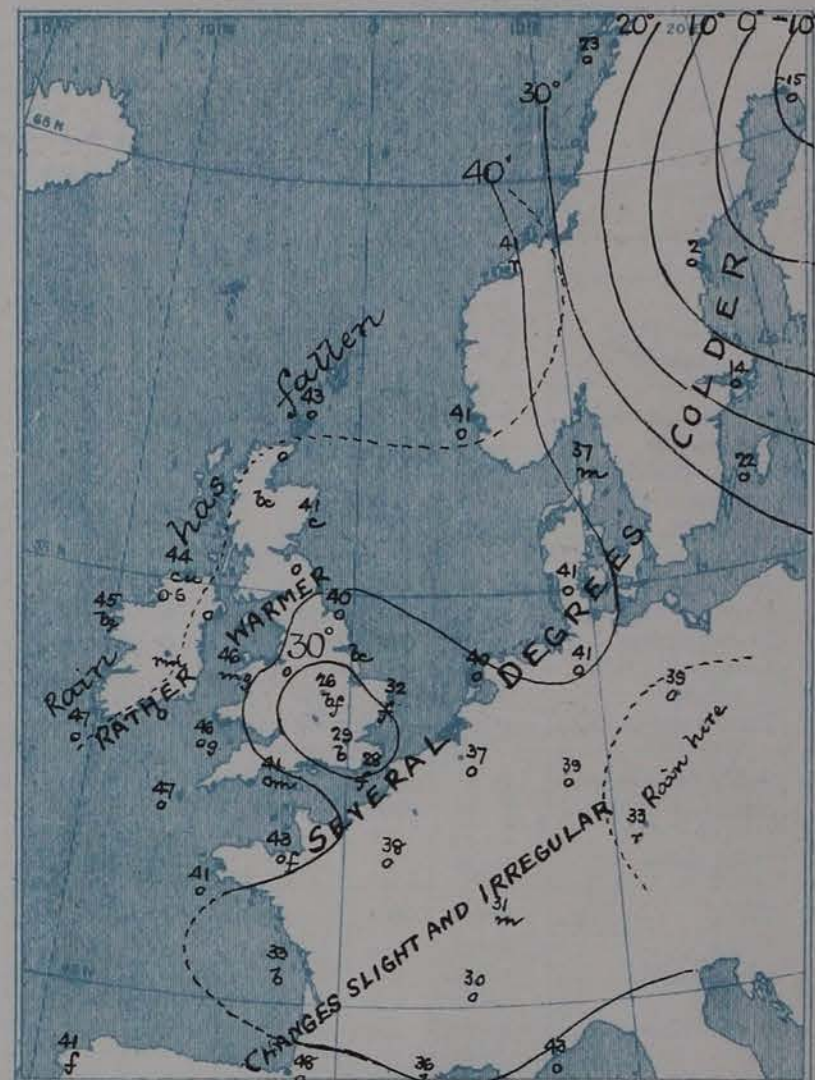


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
(for Shields) RAIN DAYS 15

Malin Head & Blackscod & Belmullet Values are for only 15 Yrs.



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

January (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A large anticyclone still lies over the more southern parts of our area, the highest pressure 30.4 ins. and upwards being found over France, Belgium, western Germany and the southern and central parts of England in which regions the barometer is rising slowly. A new and rather deep cyclonic disturbance with minimum readings below 29.7 ins. has now appeared off the Norwegian coasts, and is occasioning a fall of the barometer at all our Nⁿ stations.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light from the east or northeast in the west and south of France, but is variable in the southeast of England and westerly over Denmark and the Netherlands. In all the more western and northern parts of our Islands and also in Norway SW^{ly} breezes are reported - strong in force in the north of Ireland and blowing a gale at Christiansund. Temperature has fallen considerably in the south and southeast of England and slightly in the adjacent parts of the Continent; sharp frost prevails over central and southern England, the morning readings being as low as 26° at Loughboro 27° at Bath and 28° at Dungeness. In the west and north of our Islands the thermometer has risen and now stands at 45° or slightly above it in many places. Hard frost is reported over the northern parts of Scandinavia; at Haparanda the thermometer stands at -15° Fah. The weather is foggy or misty over the central and southern parts of England, and is dull in most other parts of western Europe with rain at Parsonstown and also at Munich and Christiansund; snow is falling at Harstad. The sea is slight or smooth generally but is rather rough at Blackhead Point and Christiansund. During yesterday the thermometer remained below 45° over the greater part of England, but exceeded that point at most of our Wⁿ and Nⁿ coast stations. The highest reading reported being 49° at Scilly. The amount of bright sunshine was small generally; at many of our Wⁿ and Nⁿ stations there was none. Rain has fallen on our extreme Nⁿ and NWⁿ coasts; in other parts of our area the weather remained dry.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 20th JANUARY, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- 0 ∇ { SCOTLAND NORTH
- 1 ∇ { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

NONE ISSUED

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

NONE ISSUED

WARNINGS

At 9.30 am. today to district 0 and part of 1, "HOIST SOUTH CONE"

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Ses.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*	*	*	*	π	*	δ	44 29	5.2	-
Newton Reigny (Penrith)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bath	30.37	33	W. 1	δ	30.39 +0.4	27	27	-12	Z. 0	π	*	δc	44 26	0.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	44	32	c	2.8	-	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	42	35	o	0.1	-	Llandudno	*	*	*	4.1	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	*	*
Hastings	*	*	*	*	*	Southport, 9 p.m.	45	44	cδ, o	3.2	-
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	42	29	oπ	0.8	-
Brighton	*	*	*	*	*	Darwen, 9 p.m.	43	33	δc v	2.8	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	86	52	bc	7	Algiers	61	48	c	o
Madrid	48	23	c	c	Tunis	54	28	c	c
Corsica (I. Sanguinaires)	54	43	f	f	Vienna	43	41	o	o
Rome	52	36	c	o	St. Petersburg	18	9	s	s
Florence	46	41	o	o	17. Jan -02	1 p.m.	7		Measured 7 a.m.
Trieste	50	34	bc	b	Lugano	63	—	bc	—
Brindisi	47	39	bc	b	Davos	28	—	b	0.20
Naples	54	42	b	bc	Lucerne	39	—	c	—
Palermo	62	40	b	f	Lausanne	39	—	b	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard Time.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

19. Jan. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.54	12.4	4.13
Greenwich	7.57	12.11	4.25
Wick	8.46	12.23	4.0
Valencia	8.40	12.52	5.4

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on *Monday, 20th January, 1902*
 Issued by the Meteorological Office, 63, Victoria Street, London. *W. N. SHAW, Secretary.*

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall. Ins.	
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Max.	Min.								
Ins.				Ins.	Ins.	°	°														
SCANDINAVIA.	Haparanda	29.69	4	NE	4	S	29.20	-0.91	9	9	+24	SE	6	S	*	S	9	-22	*	0.04	
	Hernösand	29.49	16	Z	0	0	28.95	-1.13	21	21	+19	Z	0	f	*	0	21	-8	*	0.16	
	Stockholm	29.78	32	Z	0	0	29.22	-1.05	38	37	+24	SW	6	0	*	0	38	5	*	0.16	
	Wisby	29.88	35	SW	4	0	29.43	-0.88	38	36	+16	WSW	6	0	*	0	38	19	*	0.16	
	Karlstad	29.73	37	SW	2	0	29.29	-0.96	39	38	+12	SW	2	0	*	0	*	*	*	-	
	Färder (X'ania Fjord)	29.71	40	W	6	0	29.26	-0.82	42	40	+4	SW	6	0	4	0	42	37	*	-	
	Bodö	29.12	22	E	6	S	28.60	-1.05	26	23	+3	E	6	0	2	S	26	19	*	-	
	Christiansund	29.24	44	WSW	8	C	29.22	-0.58	38	34	-3	WSW	9	r	7	c, g, b	45	37	*	0.47	
Skudesnaes	29.72	43	SSW	6	r	29.44	-0.64	43	42	+2	W	8	C	5	r	43	41	*	-		
BRITISH ISLANDS.	Sumburgh Head	29.40	43	WSW	6	r	29.52	-0.29	41	36	-2	W	4	C	6	r	44	39	*	0.11	
	Stornoway	29.92	47	SW	7	C	29.84	-0.27	48	48	+4	WSW	7	r	5	o, c, g	49	44	*	0.10	
	Malin Head	30.08	48	SW	7	0	30.00	-0.22	50	49	+5	SW	6	rgm	5	c, om, g	50	45	*	0.05	
	Blacksod Pt.	30.29	47	S	3	0	30.23	-0.10	51	49	+4	SSW	4	cm	4	omp, o	51	47	0.0	0.03	
	Valencia	30.29	47	S	3	0	30.23	-0.10	51	49	+4	SSW	4	cm	4	omp, o	51	47	0.0	0.03	
	Roche's Point	30.36	48	WSW	4	0	30.26	-0.12	50	48	+3	W	4	0	3	g, m, g	50	47	*	-	
	Parsonstown	30.22	46	SW	1	0	30.12	-0.17	49	47	+5	SW	4	om	2	0	49	43	0.0	0.02	
	Donaghadee	30.11	45	WSW	3	C	29.94	-0.26	50	48	+5	WSW	4	rgg	3	C	50	42	*	-	
Liverpool Obsy.	30.24	44	SW	3	C	30.08	-0.25	48	46	+8	SW	6	0	4	C	49	40	*	-		
Holyhead	30.23	46	SW	4	C	30.11	-0.21	48	46	+2	SW	6	0	4	o, c	48	44	*	-		
Pembroke (St. Ann's)	30.34	48	WSW	4	0	30.25	-0.12	49	46	+3	WSW	7	ogm	5	0	0	49	45	0.0	-	
GERMANY, &c.	Scilly (St. Mary's)	30.40	48	WSW	3	0	30.38	-0.02	48	46	+1	SW	5	om	2	0	50	44	0.0	-	
	Jersey (St. Aubins)	30.48	45	ESE	1	0	30.48	-0.01	47	43	+4	SW	4	om	3	c, om	47	41	0.3	-	
	Portland Bill	30.44	47	W	3	0	30.37	-0.09	48	45	+7	W	4	C	3	og, o	48	40	*	-	
	Dungeness	30.42	41	W	3	C	30.33	-0.13	46	45	+18	W	4	0	3	b, c	46	27	*	-	
	Wick	29.60	43	W	5	C	29.68	-0.23	38	37	-5	WNW	3	3	1	c, g, r	48	37	*	0.43	
	Nairn	29.67	49	WSW	4	C	29.74	-0.21	42	41	-4	W	1	C	1	c, r	51	40	*	0.29	
	Aberdeen	29.81	44	SSW	4	0	29.75	-0.28	41	39	0	WNW	2	C	2	og, r, g	51	41	0.1	0.08	
	Leith	29.96	42	WSW	4	C	29.75	-0.35	50	48	+5	WSW	4	0	*	C	50	40	*	0.01	
North Shields	30.07	45	SW	2	0	29.81	-0.40	51	49	+11	WSW	4	opg	2	0	51	36	*	-		
FRANCE.	Spurn Head	30.19	40	SW	4	m	30.00	-0.33	46	45	+10	SW	5	C	3	cm	47	35	*	-	
	Yarmouth	30.30	38	WSW	3	bc	30.13	-0.24	44	42	+12	WSW	4	bc	4	b, bc, m	44	30	*	-	
	Loughborough	30.31	42	SSW	3	0	30.16	-0.25	46	43	+20	WSW	5	ogm	*	bc, og, b	46	26	*	-	
	Oxford	30.37	41	SW	4	C	30.27	-0.19	45	42	+16	SW	4	0	*	cm	45	28	*	-	
	London (Brixton)	30.41	41	WSW	2	0	30.29	-0.19	45	42	+16	W	5	0	*	b, og, g	45	29	0.6	-	
	The Scaw (Skagen)	29.85	42	W	3	m	29.43	-0.72	42	42	+5	W	5	m	1	m	43	37	*	0.04	
	Fanö	30.03	41	WSW	6	0	29.79	-0.52	43	41	+2	WSW	6	0	*	0	43	41	*	-	
	Cuxhaven	30.29	40	WSW	4	0	30.00	-0.37	41	40	0	WSW	6	0	*	0	41	36	*	-	
SPAN. PEN.	The Helder	30.11	45	WSW	5	C	30.11	-0.25	45	43	+5	WSW	5	C	3	?	48	39	*	-	
	Brussels	*	*	*	*	*	30.38	-0.09	38	37	+1	SW	3	0	*	f	40	33	*	-	
	Berlin	30.34	40	WNW	2	0	30.16	-0.18	37	35	-2	WNW	4	0	*	0	45	34	*	0.04	
	Frankfurt	30.45	41	W	2	0	30.43	+0.01	34	33	-5	WSW	2	3	*	0	43	34	*	-	
	Munich	30.42	35	SE	2	0	30.47	+0.08	34	33	+1	SW	4	0	*	0	37	32	*	-	
	C. Gris Nez	30.45	42	W	4	C	30.31	-?	46	45	+7	WSW	5	0	5	C	46	39	*	-	
	Brest	30.50	41	SSE	1	0	30.49	+0.02	47	44	+6	S	3	0	3	0	46	41	*	-	
	Lorient	30.52	43	Z	0	bc	30.53	+0.06	39	39	+2	ENE	2	0	2	bc	50	32	*	-	
SPAN. PEN.	Rochefort	30.45	41	E	2	0	30.59	+0.17	37	37	+4	E	1	0	*	0	45	33	*	-	
	Biarritz	30.47	46	E	1	0	30.52	+0.14	40	39	-8	E	3	0	1	0	48	39	*	-	
	Paris	30.49	37	N	2	0	30.51	+0.08	29	29	-9	SSW	2	0	*	bc	42	28	*	-	
	Belfort	30.42	35	ENE	2	f	30.50	+0.15	32	32	+1	WSW	2	f	*	f	36	31	*	-	
	Lyons	30.49	32	NNE	1	0	30.57	+0.16	32	32	+2	N	1	0	*	0	33	30	*	-	
	Nice	30.23	44	E	1	bc	30.41	+0.24	40	37	-3	E	1	3	2	3	54	39	*	-	
	Perpignan	30.37	43	NW	4	bc	30.49	+0.22	34	33	-2	S	1	3	*	3	51	31	*	-	
	Corunna																				
Lisbon																					
Azores (P. Delgada)	30.18	57	NE	4	f	30.13	-0.11	56	55	+1	NE	3	0	3	f	59	52	*	0.04		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Monday 20th January 1902

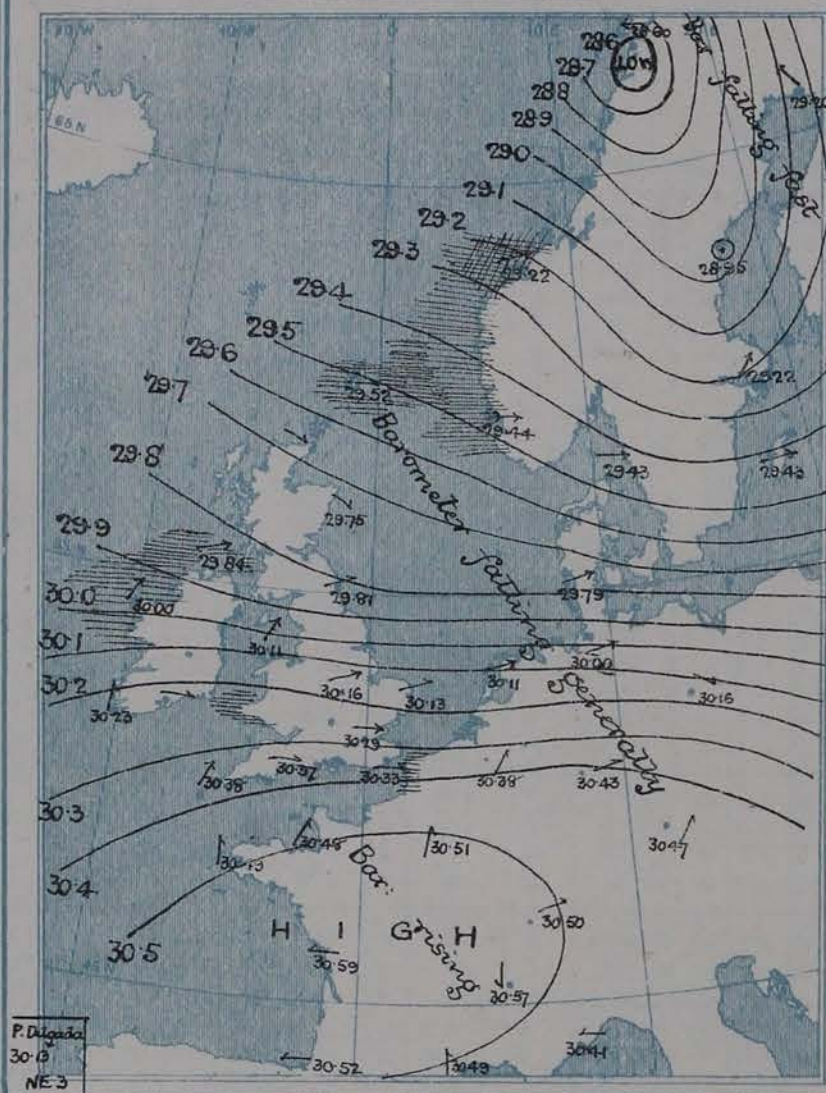
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough ■ : High ■



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



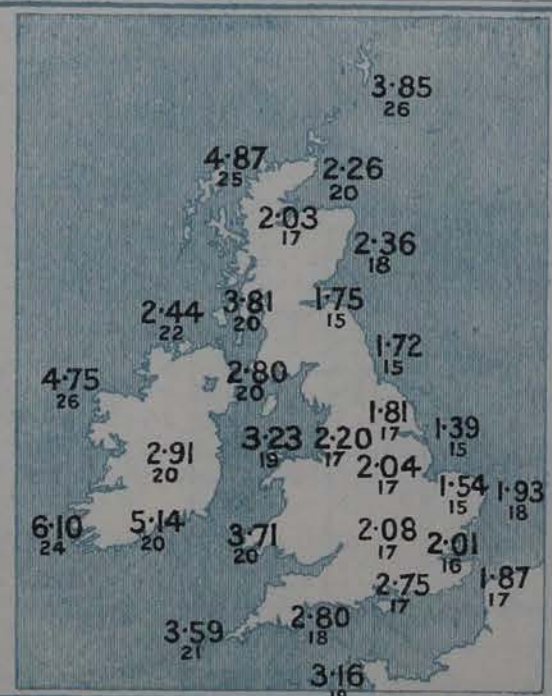
III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
(for Shields) { RAIN DAYS 15
Malin Head & Blacksod Belmullet Values are for only 15 Yrs.



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period
January (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Another deep cyclonic disturbance in which the barometer is as low as 28.60 ins. is passing eastwards across the north of Scandinavia. Readings continue highest in an anticyclone over France where they range from 30.5 ins. to about 30.6 ins. Gradients are steep over the countries lying to the NE. and E. of the North Sea and rather so over England. The barometer is now rising again in Scotland, but falling somewhat in most parts of England & Ireland.

WIND

TEMPERATURE

WEATHER

AND

SEA

W. and S.W. winds prevail throughout our Islands and blow freshly or strongly in many English and Irish districts. Over Scandinavia there is a circulation of strong winds or gales round the disturbance noticed above, while over France light and variable anticyclonic airs are reported. The weather is cloudy or dull in almost all parts of our area except the south of France. Rain is falling at Christiansund and at some Irish stations and snow at Haparanda. Temperature is again high for the time of the year over our Islands. In many Irish localities and in the northeast of Great Britain the readings are as high as 50°, whence they decrease to 49° or 48° on the west and southwest coasts of Great Britain to 44° at Yarmouth and 38° at Wick. The change since yesterday over central and southeastern England varies from 16° to 20°. Over France the thermometer is lower, the readings ranging from 47° at Brest to 40° at Biarritz and Nice and to 29° at Paris. A rapid increase of temperature has taken place in Sweden under the influence of the S.W. wind current and the readings in that region now range from 59° in the south to 9° in the north. The sea is rough off the Norwegian coast and at Sumburgh Head, rather so at Malin Head and Pembroke, moderate to smooth elsewhere.

Snow has fallen in Sweden and rain at Christiansund, and over Scotland and Ireland, but elsewhere the weather has been dry. Maximum temperatures of 50° or 51° have been registered at most of our N. and S. stations and in the extreme S. of France.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in the far north is likely to move away eastwards, but it is very probable that other low pressure systems will appear in the west and northwest shortly, and cause a continuance of S.W. and W. winds, and mild, unsettled weather.

FORECASTS *

For the 24 hours ending at NOON on 21st JANUARY 1902

DISTRICTS.

FORECASTS.

0 ∇ { SCOTLAND NORTH	W. winds, backing later, fair at first, then unsettled, and some rain.
1 ∇ { SCOTLAND EAST	
2 ∇ { ENGLAND N.E.	
3 { ENGLAND EAST	W. winds, moderate or fresh; mild, cloudy or dull, some rain locally.
4 { MIDLAND COUNTIES	
5 { ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	FT	{ SCOTLAND WEST	Same as Nos 0 and 1.
7		{ ENGLAND N.W.	
8		{ ENGLAND S.W.	
9	FT	{ IRELAND NORTH	{ SW ^{ly} and W ^{ly} winds, fresh, mild, unsettled, rain in places.
10		{ IRELAND SOUTH	
At 9.30 am. yesterday to district 0, and parts of 1, and at 7.30 pm to districts 6, 9, part of 2, and remainder of 1, "HOIST SOUTH CONE".			

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*			*	0	*	3c	43	31	4.0
Newton Reigny (Penrith)	30.09	45	SW 5	0	29.91	46	45		WSW 5	79	*	0987	47	40	0.0
Bath	30.37	38	NW 1	c	30.30 - .09	46	45	+ 19	W 4	0	*	c	47	27	0.0

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	44	32	c	0.8	0.02	Worthing	*	*	*	3.4	*
Birmingham, 9 p.m.	42	31	c	1.3	-	Llandudno	*	*	*	0.6	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	0.9	*
Hastings	*	*	*	5.1	*	Southport, 9 p.m.	46	34	SW	0.0	-
Eastbourne	*	*	*	4.3	*	Manchester, 9 p.m.	45	31	om, out	0.0	-
Brighton	*	*	*	3.5	*	Darwen, 7 p.m.	43	34	cmg	0.0	0.02

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	Information not rec ^d				Algiers	Information not rec ^d			
Madrid				Ins.	Tunis... ..				Ins.
Corsica (I. Sanguinaires) ...					Vienna				
Rome					St. Petersburg... ..				
Florence					18. Jan - 102	1 p.m.			Measured 8 a.m.
Trieste					Lugano	43	—	6	—
Brindisi... ..					Davos	30	—	6	—
Naples					Lucerne	32	—	c	—
Palermo					Lausanne	32	—	m	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

20 Jan. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.53	12.4	4.15
Greenwich	7.56	12.11	4.26
Wick	8.44	12.23	4.3
Valencia	8.39	12.52	5.5

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 21st January, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)											PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.			
		At 32° and M.S.L.	Ins.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.			Max.	Min.					
SCANDINAVIA.	Haparanda	28.94	7	SE	4	0	29.26	+0.6	2	1	-7	N	2	0	0	9	-17		0.0					
	Hernösand	28.95	35	W	6	0	28.93	+0.02	30	29	+9	NE	4	8	0	36	14							
	Stockholm	29.26	36	W	6	0	29.36	+0.14	32	27	-6	W	8	0	0	41	28							
	Wisby	29.31	38	W	8	0	29.49	+0.6	36	32	-2	NNW	8	0	0	41	24							
	Karlstad	29.46	34	WSW	8	0	29.62	+0.42	32	28	-7	WNW	6	0	0									
	Færder (X'ania Fjord)	29.56	38	WNW	6	0	29.75	+0.49	38	33	-4	WNW	4	0	3	43	32							
	Bodö																							
	Christiansund	29.39	33	WNW	9	8	29.77	+0.55	37	33	-1	NNW	8	8	7	38	33		0.24					
	Skudesnaes	29.80	39	NW	4	7	29.96	+0.52	36	35	-7	NW	2	0	7	43	36							
	Sumburgh Head	29.75	40	W	4	0	29.95	+0.43	39	38	-2	W	1	0	4	44	38		0.20					
BRITISH ISLANDS.	Stornoway																							
	Malin Head	29.94	49	W	7	7	30.06	+0.22	48	48	0	SW	7	0	5	49	47		0.64					
	Blacksod Pt.	30.08	49	SW	6	0	30.15	+0.15	49	47	-1	SW	5	0	5	50	48		0.11					
	Valencia	30.29	52	SSW	3	0	30.30	+0.07	51	50	0	SSW	3	0	4	53	50	0.8	0.07					
	Roche's Point	30.29	51	W	4	0	30.36	+0.10	49	49	-1	W	3	0	0	51	48		0.08					
	Parsonstown	30.20	50	SSW	4	0	30.24	+0.12	47	46	-2	SSW	2	0	0	51	46	0.0						
	Donaghadee	30.01	51	W	4	0	30.10	+0.16	49	48	-1	NW	4	0	3	51	48							
	Liverpool Obsy.	30.15	50	SW	5	0	30.23	+0.15	47	45	-1	SW	3	0	3	52	47							
	Holyhead	30.18	50	SW	4	0	30.26	+0.15	47	46	-1	SW	3	0	2	50	46							
	Pembroke (St. Ann's)	30.27	48	WSW	6	0	30.32	+0.07	48	47	-1	SW	4	0	5	50	46	0.0	0.01					
GERMANY, &c.	Scilly (St. Mary's)	30.40	50	WSW	5	0	30.49	+0.11	48	46	0	SW	4	0	3	52	45	1.6						
	Jersey (St. Aubins)	30.48	47	SW	5	0	30.52	+0.04	49	45	+2	SW	4	0	3	49	46	0.0						
	Portland Bill	30.37	48	W	4	0	30.41	+0.04	48	47	0	W	4	0	4	48	48							
	Dungeness	30.30	47	W	6	0	30.37	+0.04	46	45	0	W	4	0	3	48	45							
	Wick	29.88	38	SW	1	0	30.02	+0.34	40	38	+2	Z	0	0	1	52	35							
	Nairn	29.95	38	W	1	0	30.02	+0.28	31	30	-11	Z	0	0	1	44	29							
	Aberdeen	29.96	38	SW	2	0	30.06	+0.31	31	30	-10	W	1	0	1	43	30	0.8						
	Leith	29.94	44	E	1	0	30.05	+0.30	44	44	-6	Z	0	0	1	51	42		0.28					
	North Shields	29.97	50	WSW	3	7	30.08	+0.27	49	48	-2	WSW	3	0	2	51	47		0.19					
	Spurn Head	30.07	47	SW	6	0	30.17	+0.17	47	46	+1	WSW	4	0	3	49	44							
FRANCE.	Yarmouth	30.12	48	W	5	0	30.22	+0.09	48	46	+4	W	3	0	4	48	42							
	Loughborough	30.18	49	WSW	5	0	30.26	+0.10	49	46	+3	W	3	0	0	51	46							
	Oxford	30.30	48	WSW	4	0	30.35	+0.08	47	45	+2	W	3	0	0	49	44							
	London (Brixton)	30.29	49	W	3	0	30.35	+0.06	47	45	+2	WSW	3	0	0	50	45	0.0						
	The Scaw (Skagen)	29.67	40	NW	6	0	29.80	+0.37	40	39	-2	NW	6	0	2	45	37							
	Fanö	29.98	40	W	4	0	30.05	+0.26	40	39	-3	W	4	0	0	43	39		0.16					
	Cuxhaven	29.99	43	W	5	0	30.12	+0.12	38	37	-3	W	1	0	0	43	37		0.20					
	The Helder	30.08	45	WSW	6	0	30.18	+0.07	45	45	0	WNW	3	0	3	46	43		0.32					
	Brussels						30.37	-0.01	43	42	+5	SW	1	0	0	43	37							
	Berlin	30.00	42	W	5	7	30.06	-0.10	43	42	+6	W	2	0	7	45	37		0.20					
SPAN. PEN.	Frankfurt	30.37	40	SW	2	0	30.34	-0.09	41	39	+7	SW	4	0	0	43	34							
	Munich	30.46	34	SW	6	0	30.41	-0.06	36	34	+2	SW	6	0	0	37	32							
	C. Gris Nez	30.30	47	WSW	5	0	30.38	+0.07	46	45	0	W	5	0	5	48	41							
	Brest	30.51	48	WSW	3	0	30.53	+0.04	48	46	+1	SW	3	0	3	48	46							
	Lorient	30.56	45	SW	1	0	30.56	+0.03	46	46	+7	W	2	0	2	50	36							
	Rochefort	30.61	40	SSE	1	0	30.62	+0.03	29	?	-8	E	1	0	0	46	28							
	Biarritz	30.58	41	E	2	0	30.57	+0.05	34	33	-6	E	2	0	0	45	32							
	Paris	30.52	39	S	2	0	30.52	+0.01	37	36	+8	SSW	2	0	0	40	29							
	Belfort	30.53	33	SW	2	7	30.54	+0.04	31	30	-1	W	2	0	0	35	31							
	Lyons	30.62	35	NNW	1	0	30.63	+0.06	34	33	+2	N	1	0	0	37	32							
Nice	30.40	44	Z	0	1	30.39	-0.02	40	37	0	E	2	0	0	52	39								
Perpignan	30.49	40	Z	0	0	30.47	-0.02	28	27	-6	SW	1	0	0	50	26								
SPAN. PEN.	Corunna																							
	Lisbon	30.40	47	NNE	5	0	30.39	-0.01	43	41	-3	NNE	5	0	0	54	43							
Azores (P. Delgada)	30.15	37	NE	4	0	30.17	+0.04	55	52	-1	NNW	2	0	0	63	54								

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

DAILY WEATHER REPORT

WEATHER CHARTS

FOR Tuesday 21st January, 1902

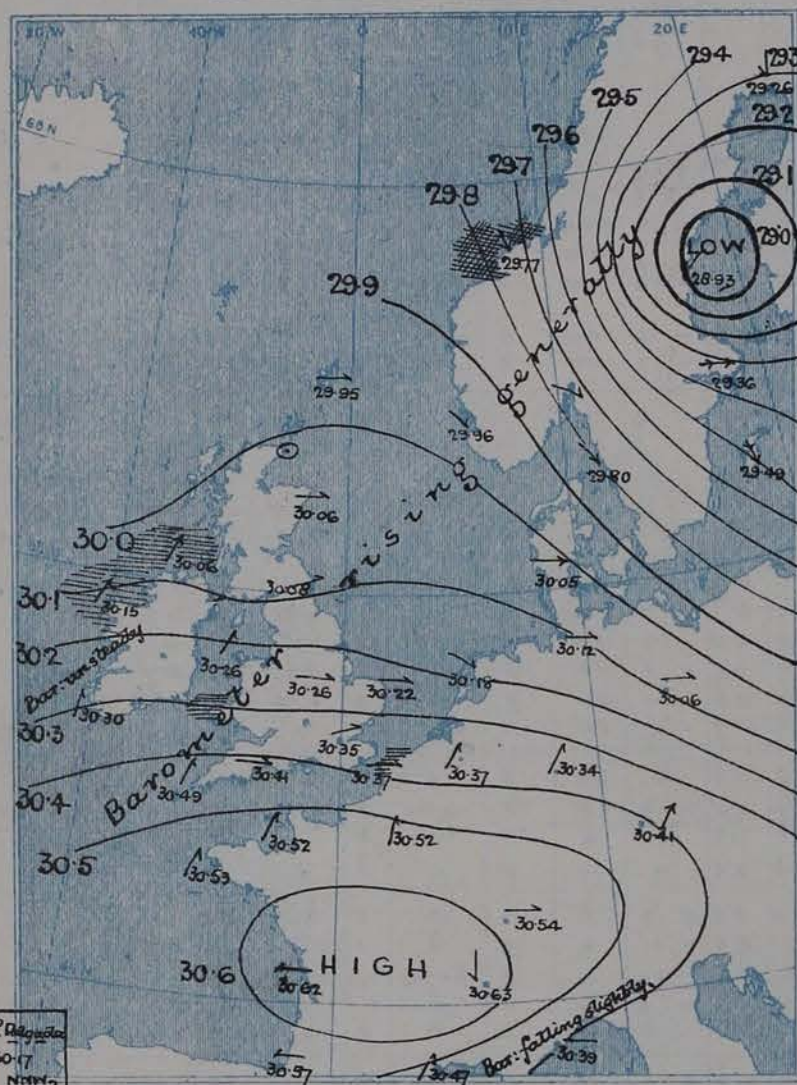
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.0



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
(for Shields) { RAIN DAYS 15
Malin Head & Black s.d. Belmullet Values are for only 15 Yrs.



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period January (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer remains highest, 30.6 ins. and upwards, in an anticyclone lying over the central parts of France and the Bay of Biscay, and lowest, 29.0 ins. and less in a deep cyclonic disturbance over Sweden and the Gulf of Bothnia. There are also some local irregularities in pressure over our own northern districts. Gradients are moderate generally, but steep over Scandinavia. Pressure is increasing in most places but the movement is undecided in the N. and NW.

WIND

TEMPERATURE

WEATHER

AND

SEA

W^{ly} and SW^{ly} winds are still prevalent over our Islands and the adjacent parts of the Continent and blow freshly at some of our western stations; at Malin Head there is a moderate gale. Over Scandinavia a complete circulation is shown, the NW^{ly} current in the west of Norway and the south of Sweden having the force of a gale. Over the south of France the wind is light from the E. Temperature has fallen rather quickly in Scotland, but changed very little over England and Ireland. In the first named region the values are now below the mean, the thermometer standing at 31° both at Nairn and Aberdeen. In the English and Irish districts the readings continue high for the season; they are also very uniform, ranging from 51° at Valencia to 46° at Newton Reigny and Dungeness. In the west and south of France temperature has fallen and is now 29° at Rochefort and 28° at Perpignan. At Stockholm the reading is 32° and that at Haparanda 2°. The sky is cloudy or overcast in nearly all places; rain is falling at some of the English, Irish, and German stations, and snow in some parts of Scandinavia. The sea is rather rough at Pembroke and off the NW. of Ireland, high off W. of Norway. Maximum temperatures of 50° or more were recorded in many parts of our Islands yesterday and also in the Riviera. Rain has fallen in the Netherlands, Germany, and at some of our western and northern stations, and snow in some parts of Norway and Sweden. Very little bright sunshine was registered yesterday; in most places there was none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Shallow local disturbances are now passing over our more northern districts, and are likely to be followed by other systems from the westward. Mild weather and W^{ly} and SW^{ly} winds, are, therefore, to be still looked for generally with rain in some localities.

FORECASTS *

For the 24 hours ending at NOON on 22nd JANUARY, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	W ^{ly} to SW ^{ly} winds; some rain or snow in places. Temperature changing fitfully.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Wind mainly W ^{ly} , light or moderate; cloudy or dull generally, some rain in places.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

6	SCOTLAND WEST	W ^{ly} and SW ^{ly} winds; mild, changeable, some rain in places.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW ^{ly} to W ^{ly} winds, light or moderate; mild, dull, some rain locally.
9	IRELAND NORTH	SW ^{ly} to W ^{ly} winds of varying force; changeable, some rain, mild.
10	IRELAND SOUTH	
WARNINGS		At 10 A.M. today to district 6, and parts of land 2, "LOWER CONE." The signals are still up in district 9.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.									PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea													0	47	42	0.0	-
Newton Reigny (Penrith)	30.03	48	SW 5	0	30.14	+ .23	46	46	0	WSW 4	7	0	omd, gr	50	46	0.0	0.39
Bath	30.31	46	W 6	C	30.37	+ .07	49	46	+ 3	W 3	0	0	C	51	46	0.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	47	43	0, c, 0	0.0	0.12	Worthing				0.0	
Birmingham, 9 p.m.	50	40	0	0.0	-	Llandudno				0.0	
Lowestoft, 6 p.m.	48	37	C	0.0	0.01	Rhyl				2.3	
Hastings				0.2		Southport, 9 p.m.	48	44	0	0.0	-
Eastbourne				0.2		Manchester, 9 p.m.	50	42	0	0.0	0.03
Brighton				0.2		Darwen, 9 p.m.	47	41	0.9	0.0	0.06

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Madeira (Funchal)	Information not rec ^d			Ins.	Algiers	Inform ⁿ not rec ^d		Ins.	
Madrid					Tunis... ..				
Corsica (I. Sanguinaires) ...					Vienna				
Rome					St. Petersburg... ..				
Florence						1 p.m.			Measured 7 a.m.
Trieste					Lugano	—			
Brindisi... ..					Davos	—			
Naples					Lucerne	—			
Palermo					Lausanne	—			
						Inform ⁿ not rec ^d			

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium } Holland }	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, } Norway, Sweden ... }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

	21 Jan. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.52	12.4	4.16	
Greenwich	7.55	12.11	4.27	
Wick	8.42	12.23	4.5	
Valencia	8.38	12.52	5.6	

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 22nd January, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shin. Hours	Rainfall. Ins.
	At 32° and M.S.L.	Inch.	Dry Bulb.	Wet Bulb.	Dir.	Force (0 to 13.)	At 32° Fahr. and M. S. L.	Inch.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 13.)			Max.	Min.		
SCANDINAVIA.	Haparanda	29.49	-1	E	2	0	29.94	+1.68	-14	-15	-16	W	2	3	0	c	7	-14	*	-
	Hernösand	29.69	18	Z	0	0	29.95	+1.02	19	19	-11	Z	0	0	0	0	37	19	*	0.12
	Stockholm	29.85	32	W	4	3	29.99	+1.63	27	24	-5	WSW	2	3	0	3	41	27	*	-
	Wisby	29.86	36	NW	6	3	30.02	+1.53	35	33	-1	NW	2	3	0	3	41	34	*	-
	Karlstad	29.95	31	W	2	3	29.98	+1.36	23	23	-9	NW	2	0	0	3c	*	*	*	-
	Färder (Niania Fjord)	29.98	38	W	4	0	29.97	+1.22	36	35	-2	W	2	0	2	0	39	36	*	-
	Bodö	29.67	39	NW	2	0	29.68		26	25		E	2	0	1	0	39	21	*	-
	Christiansund	29.91	40	WSW	5	7	29.78	+1.01	41	38	+4	WSW	3	0	5	7	41	30	*	0.16
BRITISH ISLANDS.	Skudesnaes	30.09	40	W	4	0	29.97	+1.01	40	40	+4	SE	4	7	2	3	43	36	*	-
	Sumburgh Head	29.97	44	W	1	0	29.88	-1.07	45	44	+6	W	4	0	5	3c, 0	48	38	*	0.02
	Stornoway	29.91	48	SSW	1	0	30.05		44	43		SW	2	7	2	0	50	32	0.2	0.02
	Malin Head	30.09	49	SW	6	0	30.17	+1.11	45	45	-3	W	2	f	1	0p	49	44	*	0.12
	Blacksod Pt.	30.17	50	SW	5	0m	30.20	+1.05	49	48	0	SW	4	0m	4	7m	50	48	*	0.21
	Valencia	30.34	52	SSW	3	0m	30.32	+1.02	51	50	0	SW	2	0m	4	0m	52	51	0.0	0.02
	Roche's Point	30.38	50	W	4	7	30.37	+1.01	50	50	+1	WSW	3	7m	3	7m, 7	51	48	*	0.01
	Parsonstown	30.28	50	WSW	2	0	30.27	+1.03	50	49	+3	SW	3	0 7m	*	0m	52	46	0.6	0.09
GERMANY, &c.	Donaghadee	30.19	50	WSW	2	0	30.18	+1.08	50	49	+1	WSW	2	0	1	0	51	48	*	-
	Liverpool Obsy.	30.30	49	SW	2	0	30.25	+1.02	47	46	0	SW	3	0	?	0	50	46	*	0.01
	Holyhead	30.30	48	SW	3	0	30.24	-1.02	47	47	0	SW	3	dm	2	0	49	46	*	0.06
	Pembroke (St. Ann's)	30.36	48	WSW	4	0	30.33	+1.01	49	47	+1	WSW	5	0 7m	5	0	49	48	0.0	0.02
	Scilly (St. Mary's)	30.45	50	WSW	5	0	30.41	-1.08	50	49	+2	W	5	f	4	0	53	46	0.7	0.01
	Jersey (St. Aubina)	30.52	48	W	4	0m	30.49	-1.03	49	47	0	WSW	4	0m	3	0, m, p	49	47	0.0	0.01
	Portland Bill	30.43	48	W	4	0	30.42	+1.01	48	47	0	W	4	0	4	0, c	48	47	*	0.01
	Dungeness	30.39	47	W	3	0	30.39	+1.02	46	45	0	W	2	0	3	0	50	45	*	-
FRANCE.	Wick	29.94	38	S	1	3	30.00	-1.02	44	43	+4	W	4	0	1	3	48	37	*	-
	Nairn	29.97	50	W	1	0	30.05	+1.03	44	42	+13	Z	0	3	1	0	50	29	*	0.01
	Aberdeen	30.03	41	SSW	1	3 cm	30.06	0	39	38	+8	WSW	1	3 cm	1	cm, 3c, 7	48	31	0.3	0.07
	Leith	30.07	49	WSW	2	0	30.10	+1.05	45	43	+1	WSW	3	3m	*	0	51	42	*	0.03
	North Shields	30.18	49	SW	2	0	30.09	+1.01	50	49	+1	W	3	0	2	7, 0	51	47	*	0.06
	Spurn Head	30.23	47	W	4	0	30.20	+1.03	42	42	-5	SW	4	0	3	0	49	42	*	-
	Yarmouth	30.26	50	W	3	0	30.26	+1.04	46	45	-2	WSW	3	3c, f	3	0	51	42	*	-
	Loughborough	30.31	48	W	3	3	30.28	+1.02	47	45	-2	W	4	0m	*	0, 0, 0, 0	54	46	*	-
GERMANY, &c.	Oxford	30.40	48	WSW	3	0	30.35	0	47	46	0	SW	3	3	*	0, d	52	46	*	-
	London (Brixton)	30.38	49	W	3	0	30.37	+1.02	48	46	+1	WSW	1	0 9	*	0, 0	51	47	0.3	-
	The Scaw (Skagen)	30.04	40	NW	2	0	30.02	+1.22	39	39	-1	W	2	0	0	0	43	37	*	-
	Fanö	30.21	39	W	2	3	30.13	+1.08	41	41	+1	SW	2	7	*	3	43	37	*	0.08
	Cuxhaven	30.25	36	W	1	f	30.23	+1.11	43	43	+5	W	3	m	*	f, m	43	36	*	0.04
	The Helder	30.24	45	W	3	7	30.24	+1.06	45	44	0	WSW	1	0	2	?	45	45	*	0.16
	Brussels	*	*	*	*	*	30.39	+1.02	45	44	+2	SW	2	0	*	0	48	43	*	-
	Berlin	30.24	40	W	2	3	30.28	+1.22	34	33	-9	Z	0	f	*	3	45	34	*	-
FRANCE.	Frankfurt	30.43	44	SW	2	0	30.40	+1.06	42	41	+1	SW	3	0	*	0	44	41	*	-
	Munich	30.47	37	W	4	7	30.46	+1.05	37	36	+1	SW	4	0	*	7	41	36	*	0.47
	C. Gris Nez	30.41	47	W	5	0	30.38	0	46	46	0	WSW	4	m	4	0	55	45	*	-
	Brest	30.54	48	W	3	0	30.52	-1.01	48	45	0	SW	3	0	3	0	48	48	*	-
	Lorient	30.59	45	W	1	0	30.52	-1.04	45	44	-1	Z	0	0	1	0	50	43	*	-
	Rocheport	30.60	43	NNE	2	0	30.55	-1.07	42	40	+13	NE	3	0	*	m, 0	43	29	*	-
	Biarritz	30.55	41	ENE	2	3	30.50	-1.07	36	35	+2	S	3	3	3	3	45	34	*	-
	Paris	30.52	43	SW	2	0	30.49	-1.03	41	39	+4	SSW	2	0	*	0	45	37	*	-
SPAN. DEN.	Belfort	30.53	36	W	2	m	30.48	-1.06	35	34	+4	Z	0	m	*	m	36	31	*	-
	Lyons	30.60	36	NW	1	0	30.54	-1.09	35	35	+1	ENE	1	0	*	0	41	34	*	-
	Nice	30.35	45	S	1	3	30.33	-1.06	39	38	-1	E	2	3c	2	3	52	37	*	-
	Perpignan	30.44	39	Z	0	3	30.39	-1.08	28	28	0	Z	0	3	*	3	51	27	*	-
SPAN. DEN.	Corunna																			
	Lisbon	30.39	54	NNE	4	0	30.30	-1.09	45	42	+2	NNE	4	0	*	0	55	43	*	-
SPAN. DEN.	Azores (P. Delgada)																			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

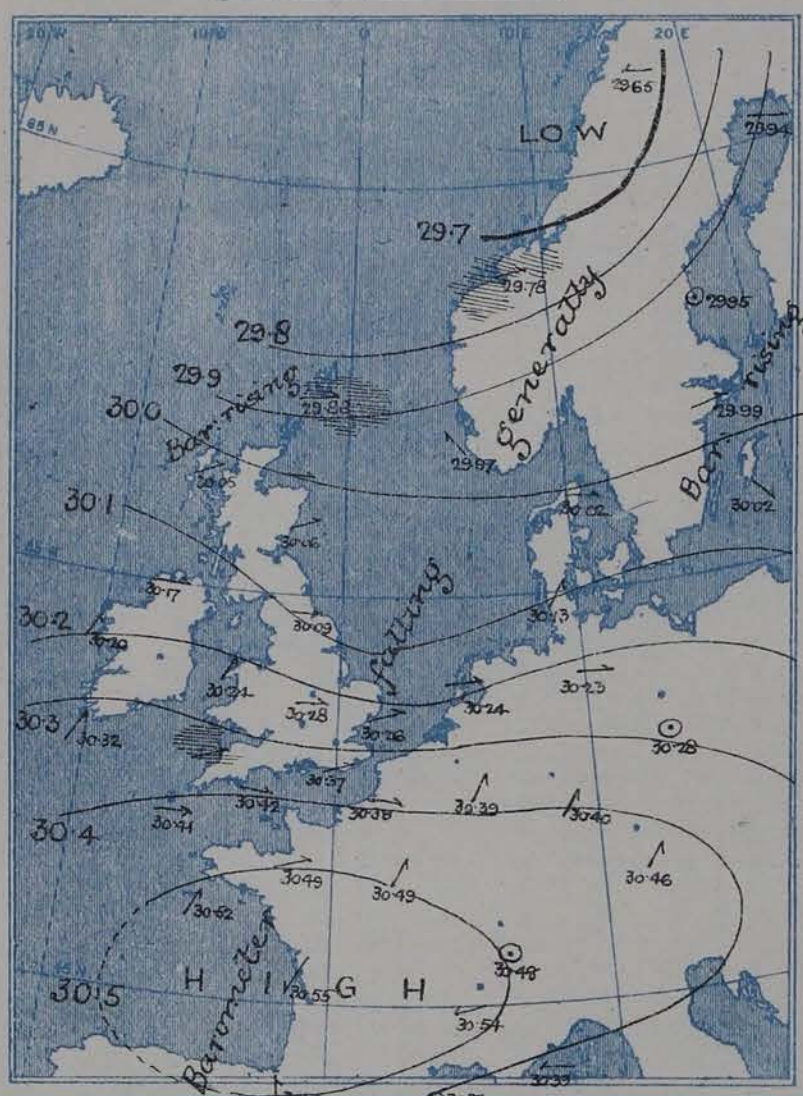
* Observations for this column not generally received. + Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Wednesday 22nd January 1902*

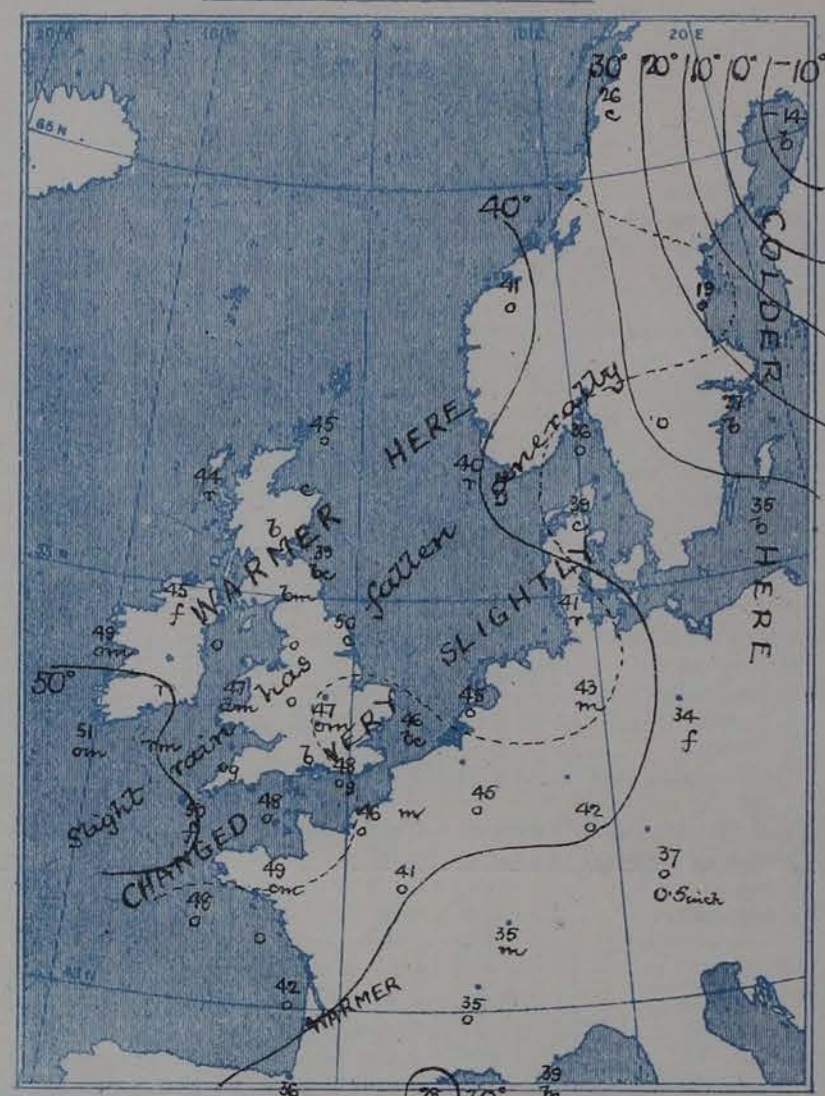
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
 Force above 10 —> : Force 5 to 7 —> : } Calm ☉
 Force 8 to 10 —> : Force 1 to 4 —> : }
SEA.—Rough ——— : High ———



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6

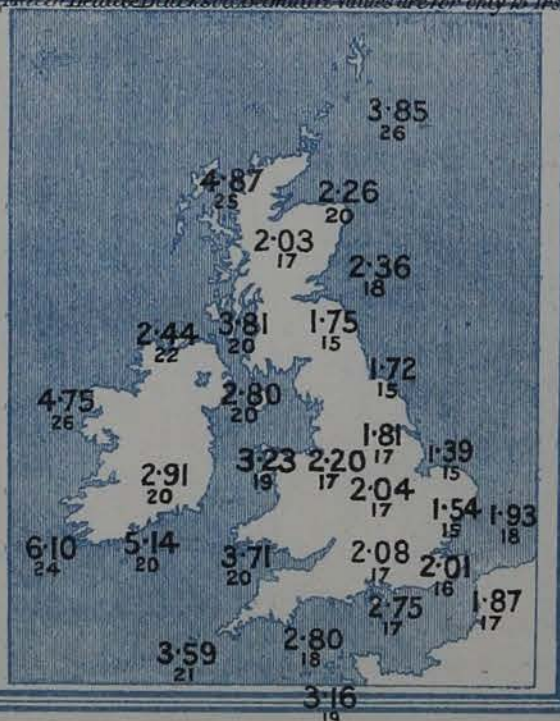


III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period JANUARY-FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is still highest, 30.5 ins: and upwards, in an anticyclone over France and the Bay of Biscay. It is lowest, 29.4 ins: and less, in a cyclonic disturbance advancing from the westward towards the north-west coast of Norway. A shallow secondary system in which the barometer is below 30.1 ins: is also shown over the North Sea. Gradients are slight. Pressure is decreasing slowly in most regions, but increasing in Scotland and Sweden.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind continues S.W. or N.W. in almost all parts of our area, but is E. at Bodo, S.E. at Skudenes, and variable or N.E. in the south of France. It blows fresh at some of our south-western stations, but elsewhere its force is very slight. Temperature has risen in Scotland, and is thus above the mean again over the entire Kingdom. The readings range from 50° in several parts of our western and south-western coasts and at Shields to 46° in the southeast and to 39° at Aberdeen. In Sweden the thermometer has fallen briskly, the reading at Skafvattnet is now as low as -14° F. In most parts of France the readings are rather higher than they were yesterday, ranging from 48° at Brest and 42° at Rochefort to 39° at Nice. At Perpignan, however, the reading is only 28°. The weather remains cloudy or dull in nearly all places, but is fine and bright in the east of Scotland and over Sweden. Rain is falling at several of our western stations, and in the Hebrides and also in the southwest of Norway and at Fars. Fog prevails at the mouth of the Channel. The sea is rather rough in the far north and at Amble, moderate to smooth elsewhere.

Maximum temperatures of 50° or upwards were recorded yesterday in almost all parts of our Islands. Rain has fallen at nearly all our western and northern stations as well as in some German and Danish districts and snow or rain has been experienced at Harnosand and Christiansund. Bright sunshine was again very deficient generally, but 2.7 hours were recorded at Llandudno.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure continues favourable for the advance of cyclonic disturbances from the Atlantic. Mild weather, with W. and S.W. winds, is consequently still likely to prevail generally.

FORECASTS*

For the 24 hours ending at NOON on JANUARY 23RD 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

W. and S.W. winds, light or moderate; mild, changeable, some rain in places.

W. and S.W. winds, light or moderate; mild, cloudy or dull. Some rain in places later.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

S.W. and W. winds, moderate; mild, some rain in places.

Same as Nos: 2 to 5.

S.W. to W. winds; mild, changeable, some rain.

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on Sea	*	*	*	*	*	*	*	*	*	*	0	*	0	49	43	0.0	-
Newton Reigny (Penrith)	30.21	47	W 4	0	30.17	+ 0.3	47	46	+ 1	W 4	0	*	07.9m	48	36	0.0	0.07
Bath	30.38	51	W 3	0	30.37	0	49	46	0	W 2	0	*	0	51	48	0.0	0.10

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	49	46	0	0.0	0.11	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	52	47	0	1.4	-	Llandudno	*	*	*	2.7	*
Lowestoft, 6 p.m.	52	46	0	1.8	-	Rhyl	*	*	*	2.2	*
Hastings	*	*	*	0.2	*	Southport, 9 p.m.	50	46	0, c, 0	1.6	-
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	50	42	0, g	0.0	-
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	48	44	0, y	0.0	0.15

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	64	58	c 0	Ins. 0.08	Algiers	61	50	c m	Ins.
Madrid	not rec'd yet.				Tunis	58	46	m m	0.12
Corsica (I. Sanguinaires)	54	43	b m	-	Vienna	52	37	o r	0.04
Rome	54	36	b. b.	-	St. Petersburg	19	4	s s	0.20
Florence	53	32	b b	-	20 Jan. 02.	1 p.m.			Measured 7 a.m.
Trieste	54	41	c m	-	Lugano	43		b	-
Brindisi	50	40	c 0	-	Davos	25		b	-
Naples	50	45	b b	-	Lucerne	37		o	-
Palermo	53	44	c 0	0.24	Lausanne	36		bc	-

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

22 JAN. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.57	12.5	4.18
Greenwich	7.54	12.12	4.29
Wick	8.40	12.24	4.7
Valencia	8.37	12.53	5.8

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„ Weekly „ „ „ „ „ £1 10 0 „ Single Copies, 6d.

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 23rd January, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Weather.	Sea (0 to 9.)	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.	Haparanda	29.61	9	SSE	4	S	29.43	-0.51	11	10	+2.5	SSE	4	0	S	11	-20		0.08		
	Hernösand	29.69	29	Z	0	bc	29.78	-0.17	31	30	+1.2	Z	0	3	bc	31	16		0.04		
	Stockholm	29.98	30	Z	0	0	29.92	-0.07	32	32	+0.5	Z	0	f	0	32	25		-		
	Wisby	29.98	35	SW	4	0	29.97	-0.05	37	36	+2	W	2	0	0	41	32		-		
	Karlstad	29.91	35	Z	0	f	29.95	-0.03	28	28	+0.5	Z	0	f	f				-		
	Färder (X'ania Fjord)	29.90	39	WSW	2	0	29.91	-0.06	37	35	+1	W	1	3c	1	39	36		-		
	Bodö	29.37	37	SW	6	0	29.43	-0.22	32	30	+6	WNW	6	3	4	37	25		-		
	Christiansund	29.84	39	WSW	6	c	29.69	-0.09	38	37	-3	WSW	5	7	5	43	36		0.20		
	Skudesnaes	30.09	44	NW	2	0	29.97	0	42	41	+2	S	6	0	3	45	39		-		
	Sumburgh Head	29.95	43	W	3	0	29.60	-0.23	46	45	+1	WSW	4	0	5	46	41		0.04		
BRITISH ISLANDS.	Stornoway	30.09	49	SW	5	0	29.88	-0.29	48	47	+3	WSW	6	0	3	f,omp	49	45		0.04	
	Malin Head	30.15	50	SW	5	0	29.93	-0.27	48	46	-1	SSW	7	rgm	6	f,om	50	47		0.08	
	Blacksod Pt.	30.29	51	SSW	3	0	30.07	-0.25	48	46	-3	SSE	3	om	4	om	52	48	0.0	0.03	
	Roche's Point	30.31	50	W	3	m	30.15	-0.22	48	47	-2	SW	3	m	3	m	52	48		-	
	Parsonstown	30.23	50	SW	3	r	30.07	-0.20	47	43	-3	SSW	2	0	0	om,r	51	46	0.0	0.01	
	Donaghadee	30.16	51	W	2	c	30.04	-0.14	48	46	-2	WSW	2	bc	1	c	52	46		0.01	
	Liverpool Obsy.	30.25	49	WSW	3	0	30.15	-0.10	47	46	0	SW	2	0	?	omp	50	45		0.03	
	Holyhead	30.24	48	SW	2	0	30.14	-0.10	47	47	0	SW	2	om	1	e,om	50	46		0.04	
	Pembroke (St. Ann's)	30.29	49	SSW	4	0	30.17	-0.16	48	47	-1	SW	3	mg	3	0	49	46	0.0	-	
	Scilly (St. Mary's)	30.36	50	W	5	0	30.20	-0.21	50	48	0	WSW	1	om	3	of	52	48	0.0	0.01	
GERMANY, &c.	Jersey (St. Aubins)	30.42	49	W	4	0	30.28	-0.21	48	47	-1	W	3	of	3	o,om	50	47	0.0	-	
	Portland Bill	30.36	48	W	3	bc	30.26	-0.16	47	46	-1	WSW	1	cm	2	o,bc	49	46		-	
	Dungeness	30.33	46	W	2	0	30.26	-0.13	46	46	0	WSW	1	0	1	0	48	45		0.02	
	Wick	30.00	40	WSW	1	bc	29.71	-0.29	46	45	+2	S	4	cp	1	bc	47	40		0.04	
	Nairn	30.06	43	W	1	c	29.74	-0.31	50	47	+6	WSW	3	0	2	c	50	38		-	
	Aberdeen	30.10	43	SSE	1	c	29.86	-0.20	47	44	+8	SSW	3	c	2	bc	47	36	3.7	-	
	Leith	30.11	46	WSW	2	0	29.93	-0.17	50	47	+5	WSW	3	om		0	51	43		-	
	North Shields	30.15	51	W	1	0	30.01	-0.08	50	48	0	SW	3	c	2	c,om	52	46		-	
	Spurn Head	30.24	44	W	3	bc	30.12	-0.08	44	43	+2	WSW	3	bc	2	bc	47	42		-	
	Yarmouth	30.21	49	W	2	0	30.18	-0.08	47	46	+1	WSW	2	fg	3	rod	51	45		0.07	
FRANCE.	Loughborough	30.26	50	W	1	0	30.19	-0.09	46	45	-1	WSW	3	om		om,cm	52	46		-	
	Oxford	30.31	48	W	1	0	30.24	-0.11	44	43	-3	SSW	1	0		0	51	41		-	
	London (Brixton)	30.33	50	WSW	2	0	30.25	-0.12	43	42	-5	SW	1	3m		c,0	52	42	0.0	0.01	
	The Scaw (Skagen)	29.97	40	W	2	m	29.99	-0.03	39	39	0	WNW	1	c	0	m	43	37		-	
	Fanö	30.13	42	W	2	r	30.15	+0.02	39	39	-2	W	2	0		r	43	37		0.20	
	Cuxhaven	30.19	44	W	4	m	30.19	-0.04	42	42	-1	W	1	f		m,f	45	41		0.04	
	The Helder	30.21	45	WSW	2	r	30.20	-0.04	45	44	0	WSW	1	f	1	r	46	45		0.04	
	Brussels						30.28	-0.11	45	45	0	WSW	1	r		r	47	44		0.12	
	Berlin	30.23	46	W	3	r	30.23	-0.05	45	44	+11	W	2	0		r	46	34		0.12	
	Frankfurt	30.38	43	SW	2	0	30.33	-0.07	41	41	-1	SW	2	0		0	45	41		-	
SPAN. PEN.	Munich	30.42	38	W	4	0	30.35	-0.11	36	35	-1	Z	0	0		0	41	36		-	
	C. Gris Nez	30.32	46	WSW	3	m	30.28	-0.10	46	46	0	SW	1	0	2	m	54	43		-	
	Brest	30.45	48	WNW	2	0	30.26	-0.26	46	46	-2	ESE	2	0	2	0	48	46		-	
	Lorient	30.44	46	NW	2	0	30.28	-0.24	44	44	-1	ESE	2	c	3	0	50	43		-	
	Rochefort	30.46	44	NNE	2	bc	30.32	-0.23	36	35	-6	ESE	3	3		bc	50	34		-	
	Biarritz	30.42	41	Z	0	0	30.23	-0.27	33	33	-3	E	2	f	?	0	43	32		-	
	Paris	30.43	44	SSW	2	0	30.34	-0.15	41	41	0	SSE	2	bc		0	48	40		0.04	
	Belfort	30.42	39	WSW	2	m	30.42	-0.06	36	36	+1	Z	0	m		m	42	35		-	
	Lyons	30.48	41	N	1	0	30.39	-0.15	36	36	+1	NE	1	f		0	42	35		-	
	Nice	30.33	46	E	1	0	30.31	-0.02	44	41	+5	E	2	0	0	0	52	41		-	
SPAN. PEN.	Perpignan	30.35	41	Z	0	bc	30.32	-0.07	39	38	+11	S	2	0		bc	54	32		-	
	Corunna																				
SPAN. PEN.	Lisbon	30.21	50	NNE	2	bc	30.20	-0.10	42	41	-3	NNE	2	c		bc	54	41		-	
	Azores (P. Delgada)	30.22	55	NNE	1	c	30.19	-0.09	57	54	+4	NNW	4	0	2	c	63	52		-	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Thursday 23rd January, 1902

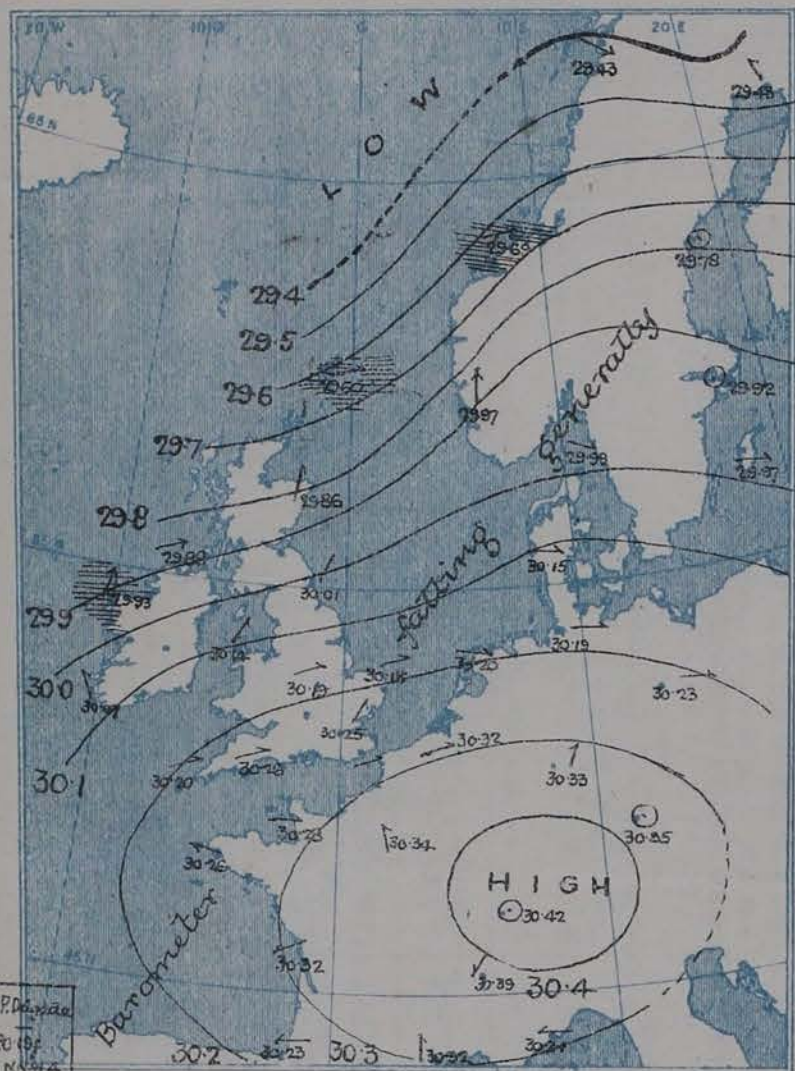
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High :



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
(for Shields) { RAIN DAYS 15
Malin Head & Blacksod & Belmullet Values are for only 15 Yrs.



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period
JANUARY-FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer continues highest, 30.3 in. and upwards, in an anticyclone lying over France and Germany. The lowest readings are found to the northward of Scotland, and over Lapland, where the barometer stands at about 29.4 in. Pressure is decreasing in all parts of our area - most on our northern and western coasts, and over the southwest of France. Graduals are becoming rather steep in the north and northwest.

WIND

TEMPERATURE

WEATHER

AND

SEA

SW^{ly} and W^{ly} winds are still prevalent over the greater part of Western Europe, and NE^{ly} or E^{ly} breezes in the south of France. In the west of Ireland however, the wind has backed to the southward and increased very considerably in force. Temperature, although it has fallen a few degrees in many parts of England, remains high for the time of year throughout our Islands and their immediate neighbourhood. The readings are as high as 50° at some of our northern stations, whence they decrease to 48° in Ireland, to 46° at Oxford and Spurn Head, and to 43° in London. Over Scandinavia the readings range from 42° at Helsingfors to 32° at Stockholm and to 11° at Haparanda. At Rochester the thermometer stands at 36°, and at Biarritz at 33°. The weather is cloudy or dull, in almost all places, with mist or slight fog at many of our own stations, as well as in some continental regions. Rain has commenced at Blackhead Point and rain or snow is falling on the west coast of Norway. The sea is rough off the northwest of Ireland and in the far north.

Maximum temperatures of 50° to 52° were registered very generally over the United Kingdom yesterday, and also in the northwest of France, and the Riviera. Rain has fallen in small amounts over Ireland, the north of Scotland and in different parts of England, and rain or snow in some Scandinavian and German localities. Scarcely any bright sunshine has been recorded generally, but Aberdeen had as much as 3.7 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the south is giving way, while cyclonic disturbances are approaching Scandinavia and our own western coasts from the Atlantic. Southwesterly winds are consequently still probable, with mild, changeable weather. Strong winds or gales may be expected in the extreme north and west.

FORECASTS *

For the 24 hours ending at NOON on JANUARY 24TH 1902

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	SW ^{ly} winds, increasing to a gale in places; mild, squally, rain at times.
1	SCOTLAND EAST	SW ^{ly} winds, increasing in force; mild, unsettled, rain at times.
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	SW ^{ly} to W ^{ly} winds, freshening somewhat; mild, dull generally, some rain later.
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as No: 0
7	ENGLAND N.W.	Same as Nos: 1 and 2.
8	ENGLAND S.W.	SW ^{ly} winds, freshening; mild, some rain in places.
9	IRELAND NORTH	Same as No: 0.
10	IRELAND SOUTH	SW ^{ly} to S ^{ly} winds strong to a gale in places; mild, rainy.
WARNINGS		At 10.0 a.m. to day to districts 6, 9 and parts of 0 and 10 "Hoist SOUTH CONE".

Note.—The South Cone, point downwards (⌋), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌋), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change			Wind.	Weather.	Ses.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	c	"	o,c	50 42	0.2	0.01
Newton Reigny (Penrith)	30.17	47	w 2	8 c	30.08 - 0.09	45	44	- 2	SW 1	o	"	o d, g m	50 45	0.6	0.02
Bath	30.21	48	NW 1	o	30.19 - 0.18	45	45	- 4	W 1	o	"	o	51 41	0.2	0.02

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	50	46	o c	0.0	-	Worthing	"	"	"	0.0	"
Birmingham, 9 p.m.	50	44	c	0.0	-	Llandudno	"	"	"	0.0	"
Lowestoft, 6 p.m.	51	43	o d	1.7	-	Rhyl	"	"	"	0.0	"
Hastings	"	"	"	0.0	"	Southport, 9 p.m.	48	46	o d, c	0.0	0.17
Eastbourne	"	"	"	0.0	"	Manchester, 9 p.m.	49	45	o u	0.0	0.07
Brighton	"	"	"	0.0	"	Darwen, 9 p.m.	47	39	o m	0.0	0.98

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	"	"	"	Ins.	Algiers	59	46	b. c	Ins.
Madrid	"	"	"	"	Tunis	57	43	m. o	"
Corsica (I. Sanguinaires)	54	41	m	m	Vienna	46	39	o. c	0.16
Rome	53	36	c	c	St. Petersburg	9	2	b. o	"
Florence	47	42	o	o	21. Jan. -/02	1 p.m.	"	"	Measured 7 a.m.
Trieste	46	37	b.	o	Lugano	43	"	b	"
Brindisi	53	40	c	c	Davos	36	"	o	"
Naples	54	44	c	c	Lucerne	39	"	o	"
Palermo	57	43	o	o	Lausanne	39	"	b	"

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	3 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

23 Jan., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.50	12.5	4.20
Greenwich	7.53	12.12	4.31
Wick	8.39	12.24	4.9
Valencia	8.36	12.53	5.10

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Friday, 24th January, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
	Barom.	Temp.	Wind.	Force	Weather.		Barometer.	Temperature.	Wind.	Force	Weather.	Sea	Weather.	Temp.						
	At 52° and M.S.L.	Dry Bulb.	Dires.	(0 to 12.)			At 52° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dires.	Force (0 to 12.)							
	Ins.						Ins.	Ins.	°	°							Max.	Min.	Sun- shine. Hours	Rainfall. Ins.
SCANDINAVIA.	Haparanda	29.52	12	S	2	c	29.54	+11	-2	-4	-13	N	2	m	*	c	12	?	*	-
	Hernösand	29.47	30	Z	0	o	29.42	-36	23	23	-8	Z	0	f	*	o	34	23	*	-
	Stockholm	29.75	37	SW	2	o	29.65	-27	41	39	+9	WSW	4	o	*	o	41	28	*	-
	Wisby	29.91	37	W	2	o	29.82	-15	38	37	+1	SSW	4	o	*	o	41	34	*	-
	Karlstad	29.75	39	SW	4	o	29.66	-29	40	39	+12	S	2	o	*	o	*	*	*	-
	Færder (X'ania Fjord)	29.75	41	WSW	5	f	29.64	-27	41	41	+4	SW	6	5	3	f	41	36	*	-
	Bodö	29.45	30	NW	4	o	29.46	+03	27	24	-5	ESE	2	bc	1	c	32	23	*	-
	Christiansund	29.41	43	WSW	7	r	29.26	-43	41	41	+3	WSW	1	c	5	r	43	36	*	1.93
BRITISH ISLANDS.	Skudesnaes	29.75	44	SW	6	o	29.52	-45	43	43	+1	S	8	o	5	o	45	41	*	-
	Sumburgh Head	29.43	46	WSW	5	op	28.97	-63	43	42	-3	SSW	4	r	6	op	43	42	*	0.05
	Stornoway	29.56	46	SW	7	og	29.14	-74	38	37	-10	NW	6	ogp	5	o,og	48	37	*	0.10
	Malin Head	29.57	47	SSW	8	g,tm	29.30	-63	37	36	-11	NW	4	op	4	ogm	42	35	*	0.86
	Blacksod Pt.	29.75	48	SSE	4	og	29.44	-63	41	39	-7	WSW	6	ohp	6	omgp	49	39	0.0	0.92
	Valencia...	29.75	48	SSE	4	og	29.44	-63	41	39	-7	WSW	6	ohp	6	omgp	49	39	0.0	0.92
	Roche's Point	29.85	48	SSW	5	opu	29.42	-73	40	38	-8	WNW	5	c	4	o,pu	49	39	*	0.55
	Parsonstown	29.78	46	SE	7	o	29.33	-74	37	36	-10	SW	4	or	*	og	48	37	0.0	0.43
GERMANY, &c.	Donaghadee	29.83	47	SW	4	ou	29.21	-83	40	39	-8	SW	3	r	3	ou	48	39	*	0.28
	Liverpool Obsy.	29.97	46	S	2	o	29.29	-86	42	40	-5	SE	4	o	3	om	49	42	*	-
	Holyhead	29.91	46	SW	4	g,tm	29.23	-91	43	42	-4	W	7	r	6	ogm	47	42	*	0.39
	Pembroke (St. Ann's)	29.95	47	S	5	r	29.38	-79	44	41	-4	WNW	5	c	6	ogt	48	43	0.0	0.28
	Scilly (St. Mary's)	29.97	47	S	5	o	29.49	-71	47	45	-3	NW	7	cp	4	opm,o	50	45	0.0	0.24
	Jersey (St. Aubins)	30.13	48	S	3	om	29.65	-63	46	44	-2	S	6	og	5	o,om	48	41	0.0	-
	Portland Bill	30.09	46	S	1	og	29.54	-72	45	45	-2	S	5	op	5	o,og	49	45	*	0.01
	Dungeness	30.14	47	WSW	1	o	29.63	-63	42	41	-4	SW	6	o	4	o	47	41	*	-
FRANCE.	Wick	29.49	46	S	4	c	28.99	-72	42	41	-4	SW	1	o	2	c	47	42	*	0.02
	Nairn	29.54	47	WSW	3	c	29.04	-70	40	40	-10	W	1	r	1	a	50	38	*	0.04
	Aberdeen	29.66	46	SSW	5	og	29.11	-75	42	40	-5	S	5	oggr	5	c,og	49	42	0.0	0.04
	Leith	29.78	48	WSW	3	o	29.10	-83	44	42	-6	WSW	4	og	*	o	51	43	*	-
	North Shields	29.88	48	WSW	2	8	29.26	-75	44	42	-6	S	4	cp	2	cm,b	52	42	*	-
	Spurn Head	29.98	47	SSW	4	o	29.43	-69	42	41	-2	SSE	6	o	4	o.	48	41	*	-
	Yarmouth	30.07	48	SSW	2	bc	29.57	-61	41	40	-6	S	4	cg	4	q,cm	50	39	*	-
	Loughborough	30.03	47	SSW	3	o	29.46	-73	42	40	-4	SSE	4	cg	*	om,od,g	50	42	*	0.01
GERMANY, &c.	Oxford	30.03	46	S	3	o	29.49	-75	42	40	-2	S	3	og	*	o,d	49	41	*	0.01
	London (Brixton)	30.10	47	SW	1	o	29.56	-69	42	39	-1	S	4	o	*	bc,o,og	49	41	0.0	-
	The Scaw (Skagen)	29.88	42	W	3	m	29.75	-24	41	41	+2	SW	2	r	0	m	43	37	*	-
	Fanö	30.00	41	S	1	m	29.84	-31	41	40	+2	S	2	f	*	m	41	39	*	-
	Cuxhaven	30.16	43	SW	1	f	29.91	-28	44	44	+2	S	3	f	*	f	45	42	*	-
	The Helder	30.12	45	SW	1	m	29.75	-45	41	40	-4	S	1	b	1	m	45	41	*	-
	Brussels	*	*	*	*	*	29.79	-49	35	33	-10	SSE	4	o	*	o	45	34	*	0.04
	Berlin	30.19	45	WSW	2	o	30.04	-19	40	39	-5	SSE	2	o	*	o	46	39	*	-
FRANCE.	Frankfurt	30.22	42	SSW	1	c	30.02	-31	39	38	-2	SSW	2	c	*	c	45	39	*	-
	Munich	30.25	36	Z	0	o	30.10	-25	31	30	-5	W	3	o	*	o	39	30	*	-
	C. Gris Nez	30.18	46	SW	3	m	29.71	-57	37	37	-9	SSW	6	o	5	m	50	37	*	-
	Brest	30.07	44	SE	3	c	29.66	-60	49	48	+3	SSW	5	r	5	c	49	44	*	0.24
	Lorient	30.06	44	SE	2	bc	29.72	-56	50	49	+6	SW	5	o	4	bc	52	43	*	-
	Rochefort	30.14	35	SE	3	m	30.04	-28	40	40	+4	S	4	b	*	m	45	32	*	-
	Biarritz	30.10	41	E	4	b	30.12	-11	44	38	+11	S	2	c	2	b	45	33	*	-
	Paris	30.21	41	ESE	2	o	29.90	-44	36	35	-5	SW	3	o	*	o	47	31	*	-
SPAN. PEN.	Belfort	30.23	35	ENE	3	b	30.06	-36	28	27	-8	Z	0	bc	*	b	43	27	*	-
	Lyons	30.26	35	SSE	1	b	30.12	-27	42	39	+6	SSW	2	b	*	b	42	31	*	-
	Nice	30.28	46	Z	0	o	30.21	-10	44	39	0	E	2	o	2	o	50	42	*	-
	Perpignan	30.22	45	Z	0	o	30.14	-18	31	31	-8	N	2	b	*	o	48	30	*	-
SPAN. PEN.	Corunna																	*		
	Lisbon																	*		
	Azores (P. Delgada)																	*		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Friday 24th January, 1902

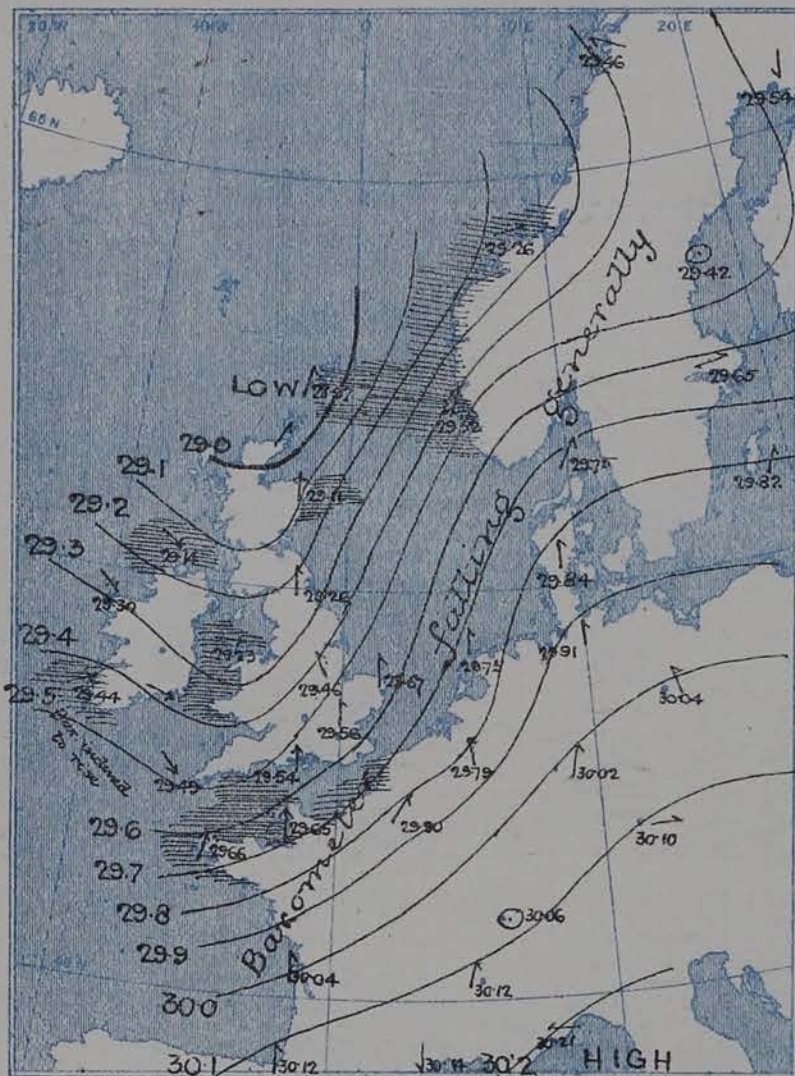
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 6 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → : }

SEA.—Rough : High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

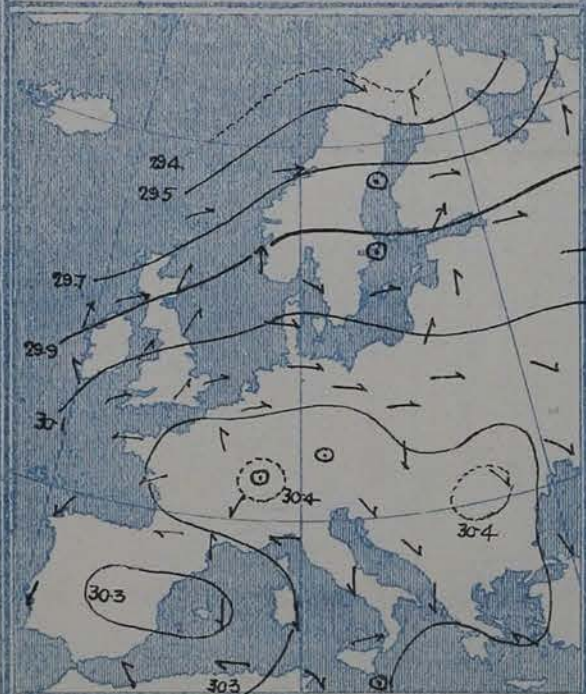
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



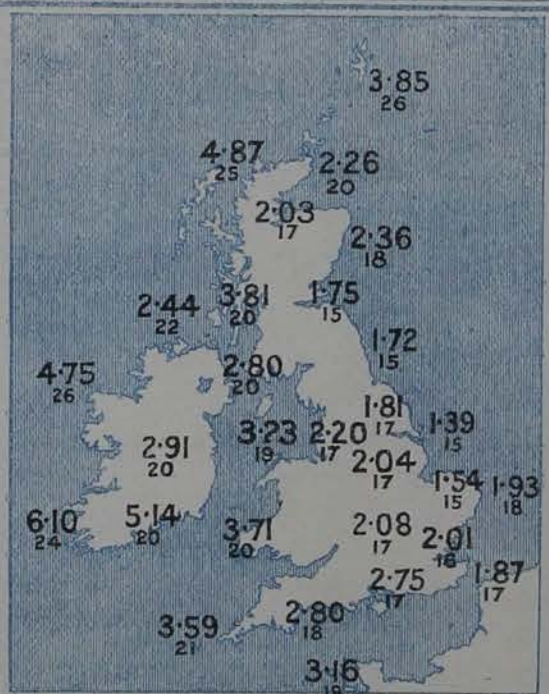
III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
(for Shields) { RAIN DAYS 15
Malin & Blacksod & Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period JANUARY-FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now lowest, 29.0 ins. and less, off the North of Scotland whence the readings increase to 29.49 in the Scilly Isles, and to 30.12 at Biarritz and Lyons and 30.21 at Nice. Gradients are rather steep over the eastern half of our Islands, and the North Sea, moderate in most other regions. The anticyclone which has existed for so long in the southern part of our area has now dispersed and a large V-shaped disturbance stretches from north to south over the United Kingdom. The barometer is still falling generally.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind circulates round the low pressure system, being W^{ly} or NW^{ly} at our western stations and S^{ly} to SW^{ly} in all other parts of our area, it blows strongly on our western and more southern coasts and briskly in the northeast. At Scilly there is a moderate NW^{ly} gale and at Skudesnaes a fresh S^{ly} gale. Temperature ranges from 47° at Scilly and between 42° and 40° over Great Britain as a whole to 37° at Blacksod Point and Parsonstown. These readings are several degrees lower than those recently experienced, but are above the mean for the time of the year except in Ireland. Over our continental area the values range from 44° at Biarritz and Nice to 31° at Munich and to 28° at Belfort, and from 41° at Stockholm and Christiansund to -2° at Haparanda. The weather is cloudy or dull generally and rain is falling in many parts of our Islands as well as in Brittany and at Skagen, snow at Fardes. At the mouth of the Elbe and in the Gulf of Bothnia fog prevails. The sea is rough or rather so on most parts of our coasts.

Heavy rain has fallen in the west of Norway and over Ireland and smaller amounts in several parts of Great Britain. At Christiansund the fall was 1.9 ins. and in the west of Ireland about 0.9 ins. Maximum temperatures of 50° have again been recorded in different parts of Great Britain. A moderate gale was experienced at several of our western stations during yesterday and last night and a strong gale at Blacksod Pt. Scarcely any bright sunshine was registered over our Islands.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance seems to be moving eastwards over the Kingdom, so that the wind is likely to shift to W or NW, with changeable weather and lower temperature generally.

FORECASTS *

For the 24 hours ending at NOON on 25 JANUARY, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

Wind shifting to W. or NW. and increasing in force; colder, some showers, snow in places.

Wind becoming W^{ly} or NW^{ly} fresh or strong to moderate; changeable, some showers, colder than of late.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

WARNINGS

W^{ly} and NW^{ly} winds; colder, changeable rain or sleet in places.
NW^{ly} and W^{ly} winds, strong in places; colder, some showers.

Same as Nos. 6 and 7.

At 7.30 pm. yesterday to districts 1, 2, 7, 8, parts of 0 and 10, HOIST SOUTH CONE. The signals are now flying on all coasts excepting those of districts 3 and 5.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*	*	*	*	0	*	c	46 41	1.0	—
Newton Reigny (Penrith)	29.80	45	SW 3	c	29.22 - .86	40	39	- 5	S 4	79	*	om, cgr	49 40	0.0	0.13
Bath	30.07	49	W 1	c	29.43 - .76	45	43	0	NW 4	7	*	0	49 43	0.0	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	50	44	bc, c	0.5	—	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	48	44	c	0.0	—	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	51	43	c	2.8	0.03	Rhyl	*	*	*	0.7	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	49	45	c	0.0	0.01
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	49	44	our	0.0	0.03
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	47	42	r	0.0	0.09

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) <i>not recd</i>				Ins.	Algiers	59	46	b. c.	Ins.
Madrid	57	23	b - b	—	Tunis	59	41	c	—
Corsica (I. Sanguinaires)	59	41	m	—	Vienna	46	43	c	—
Rome	53	34	b	—	St. Petersburg	10	-15	b m	—
Florence	52	35	b	—	22. Jan -102.		1 p.m.		Measured 7 a.m.
Trieste	39	32	b	—	Lugano	43	—	b	—
Brindisi	52	42	c	—	Davos	30	—	b	—
Naples	56	46	b	—	Lucerne	39	—	c	—
Palermo	60	42	c	—	Lausanne	37	—	c	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

24. Jan., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.49	12.5	4.21
Greenwich	7.52	12.12	4.32
Wick	8.38	12.24	4.11
Valencia	8.35	12.53	5.11

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 25th January, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.	Haparanda	29.47	5	Z	0	0	29.19	-35	25	25	+27	SE	2	S	*	0	25	-6	*	0.16	
	Hernösand	29.29	28	Z	0	f	29.10	-32	34	33	+11	SSW	4	0	*	f	34	23	*	-	
	Stockholm	29.54	39	SSW	2	0	29.27	-38	36	36	-5	SSW	2	0	*	0	43	36	*	-	
	Wisby	29.64	37	SSW	4	0	29.39	-43	37	35	-1	S	4	0	*	0	43	36	*	-	
	Karlstad	29.45	38	Z	0	0	29.10	-56	36	35	-4	SSE	2	0	*	0, r	*	*	*	-	
	Färder (X'ania Fjord)	29.35	40	S	4	f	28.94	-70	40	39	-1	S	5	r	4	f	41	37	*	0.16	
	Bodö	29.23	28	NE	4	0	28.98	-48	27	25	0	E	6	r	3	0	28	23	*	-	
	Christiansund	29.00	43	WSW	2	0	28.75	-51	44	39	+3	ESE	2	0	4	0	45	39	*	-	
	Skudesnaes	29.04	41	SSW	9	0	28.86	-66	37	36	-6	S	2	0	5	r, o	43	37	*	*	
	Sumburgh Head	28.76	38	WNW	1	0	28.70	-27	35	33	-8	W	3	C	4	r, o	43	34	*	0.54	
BRITISH ISLANDS.	Stornoway	28.90	32	WSW	2	sp	28.89	-	31	31	-	NW	2	0	4	r sp	40	30	2.4	0.12	
	Malin Head	29.03	36	NW	6	chs	28.98	-16	39	35	+1	W	6	8	4	chs, s	39	32	*	0.18	
	Blacksod Pt.	29.15	36	WNW	4	C	29.21	-09	38	36	+1	NW	5	chg	5	gls, r, c	39	32	*	0.17	
	Valencia...	29.27	39	W	4	chg r sp	29.40	-04	43	39	+2	WNW	8	chg h	6	gls, r	48	35	1.0	0.22	
	Roche's Point	29.28	36	WNW	4	chg r	29.35	-07	36	35	-4	NW	4	chg r	3	chg, r, sp	41	32	*	0.25	
	Parsonstown	29.18	32	W	1	C	29.26	-07	30	29	-7	W	1	8	*	chg r	38	29	1.4	0.11	
	Donaghadee	29.09	35	WNW	2	C	29.11	-10	33	32	-7	W	3	og	3	g's, c	42	30	*	0.03	
	Liverpool Obsy.	29.13	36	WSW	3	0	29.12	-17	33	32	-9	WSW	4	0	?	r, s, c	43	31	*	0.40	
	Holyhead	29.14	36	W	7	chg r h s	29.15	-08	36	34	-7	WNW	7	chg	5	gls, r, sp	43	33	*	0.16	
	Pembroke (St. Ann's)	29.22	41	W	6	C	29.24	-14	39	34	-5	NW	6	chg	6	chg, r	47	34	2.2	0.01	
GERMANY, &c.	Scilly (St. Mary's)	29.31	43	WNW	7	chg	29.33	-16	43	39	-4	NW	7	C	6	chg	47	38	2.9	0.14	
	Jersey (St. Aubins)	29.49	42	W	7	chg r	29.32	-33	37	35	-9	NW	4	8 c	4	chg r, h, sp	49	35	0.8	0.67	
	Portland Bill	29.30	39	W	6	chg r	29.24	-30	37	35	-8	NW	5	8 c	4	chg, r, sp	47	35	*	0.17	
	Dungeness	29.30	45	WSW	6	C	29.19	-44	32	32	-10	WNW	2	C	1	o, c, r, h	47	31	*	0.26	
	Wick	28.86	38	W	3	C	28.83	-16	32	32	-10	SW	4	sp	3	C	44	29	*	0.05	
	Nairn	28.90	34	Z	0	C	28.87	-17	33	32	-7	W	2	8	1	C	40	28	*	0.08	
	Aberdeen	28.91	35	NW	2	C	28.90	-21	31	28	-11	SW	2	8	2	r, s, o, r, g	43	29	0.0	0.22	
	Leith	28.96	37	WSW	2	0	28.96	-14	32	31	-12	WSW	3	C m	*	0	44	30	*	0.05	
	North Shields	29.00	40	SW	2	om	29.01	-25	32	31	-12	WSW	2	8 c	2	r, c, m	45	30	*	0.01	
	Spurn Head	29.09	41	SW	4	8 c	29.07	-36	34	34	-8	W	3	C	3	8 c	44	32	*	0.02	
FRANCE.	Yarmouth	29.22	43	WSW	3	C	29.09	-48	32	31	-9	W	3	8 c m	4	o, c	44	30	*	0.05	
	Loughborough	29.19	37	WSW	3	8 c	29.15	-51	29	28	-13	W	2	8	*	g, r, d, c, p	47	29	*	0.08	
	Oxford	29.24	37	WSW	4	8 c	29.19	-30	30	29	-12	W	3	8	*	8 c, s, p	47	29	*	0.02	
	London (Brixton)	29.27	40	SW	3	op	29.19	-37	31	30	-11	W	2	8	*	g, r, d, c, b	47	31	1.1	0.07	
	The Scaw (Skagen)	29.32	40	SSW	5	m	29.00	-75	40	40	-1	SW	3	r	1	m	43	39	*	0.12	
	Fanö	29.29	39	SSW	6	r	29.10	-74	38	37	-3	SSW	4	8 c	*	r	43	37	*	0.12	
	Cuxhaven	29.49	42	S	5	0	29.21	-70	38	37	-6	SW	4	8	*	0	45	37	*	0.08	
	The Helder	29.29	41	SSW	7	r	29.06	-69	33	33	-8	SW	1	S	2	r	46	32	*	0.24	
	Brussels	*	*	*	*	*	29.19	-60	34	34	-1	SW	5	r	*	0	44	34	*	0.32	
	Berlin	29.67	37	SSE	2	8 c	29.44	-60	41	39	+1	SSW	3	C	*	8 c	45	36	*	-	
SPAN. PEN.	Frankfurt	29.61	47	S	6	0	29.39	-63	42	40	+3	SSW	6	0	*	0	47	39	*	0.04	
	Munich	29.84	33	SE	4	8	29.55	-55	30	28	-1	SE	4	8	*	8	45	28	*	-	
	C. Gris Nez	?	45	WSW	6	r	29.19	-52	37	36	0	WNW	5	0	5	r	46	36	*	0.75	
	Brest	29.51	42	W	5	0	29.41	-25	42	41	-7	WNW	6	r	6	0	50	41	*	0.16	
	Lorient	29.61	44	W	5	r	29.44	-28	41	41	-9	NW	5	r	5	r	54	37	*	0.35	
	Rochefort	29.86	47	WSW	5	r	29.59	-45	45	42	+5	W	7	0	*	r	50	39	*	0.51	
	Biarritz	29.98	52	S	4	C	29.84	-28	46	44	+2	WSW	6	r	5	C	57	37	*	0.28	
	Paris	29.55	46	SSW	5	0	29.35	-55	36	34	0	SW	3	8	*	0	47	35	*	0.08	
	Belfort	29.77	43	WSW	2	0	29.65	-41	42	37	+14	SW	6	0	*	0	50	34	*	0.04	
	Lyons	29.89	46	S	5	0	29.63	-49	42	40	0	S	3	0	*	0	51	41	*	?	
Nice	30.10	45	Z	0	0	29.81	-40	41	40	-3	E	1	r	4	0	50	41	*	0.16		
Perpignan	29.99	43	Z	0	0	29.79	-35	32	31	+1	SW	1	8	*	0	52	31	*	-		
SPAN. PEN.	Corunna																				
	Lisbon																				
SPAN. PEN.	Azores (P. Delgada)	30.50	54	ENE	3	0	30.51	+08	53	50	-1	NE	3	0	3	0	57	52	*	-	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

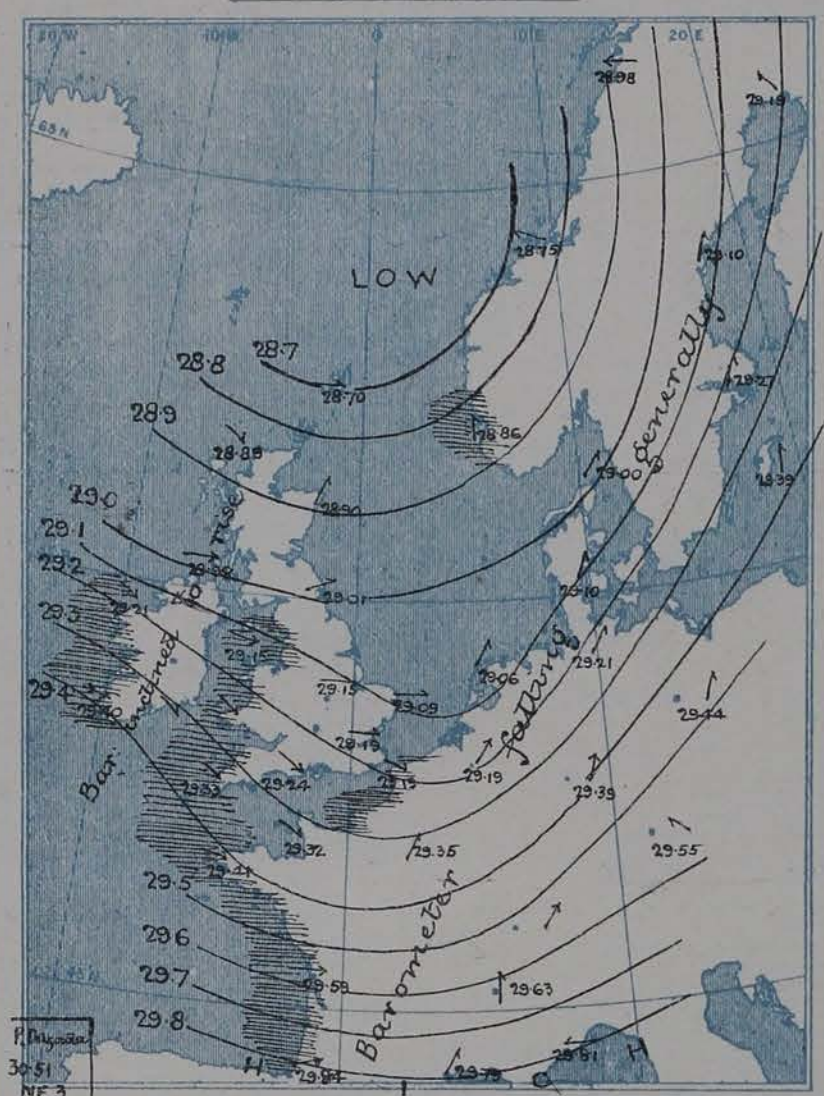
* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page

REPORT WEATHER CHARTS

SOOT FOR Saturday, 25th January, 1902

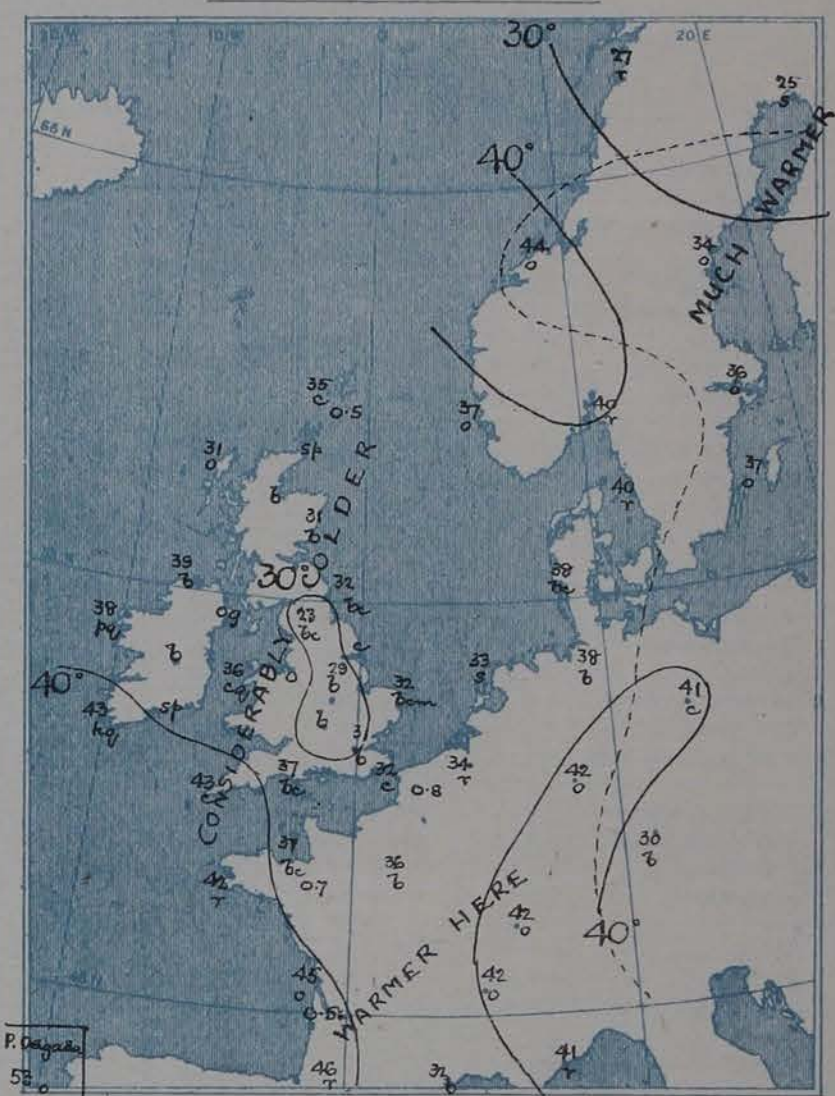
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
 Force above 10 → : Force 5 to 7 → : } Calm ⊙
 Force 8 to 10 → : Force 1 to 4 → :
SEA.—Rough ≡ : High ≡



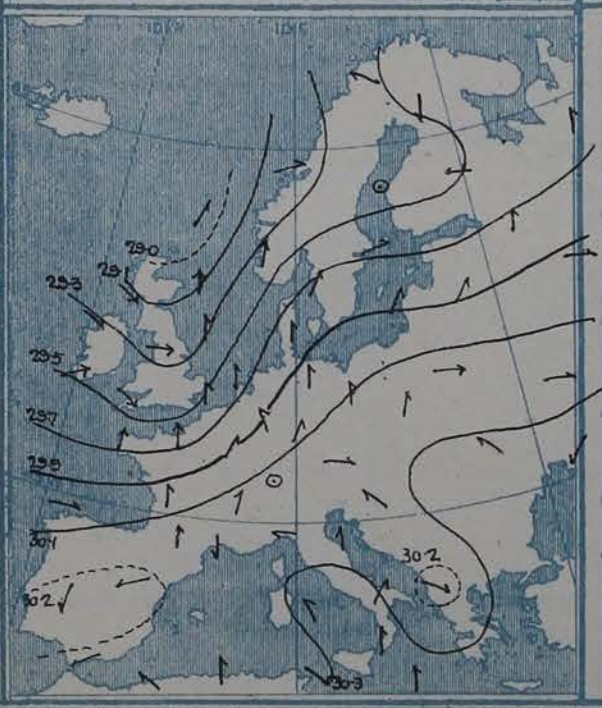
II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
 (for Shields) { RAIN DAYS 15
 Malin Head & Blacksod Belmullet Values are for only 15 Yrs.



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period
 JANUARY-FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is lowest 28.7 ins. and less, in the centre of a cyclonic disturbance lying to the northward of the Shetlands. It is highest, 29.8 ins. and upwards, over the south of France. The barometer is still falling in nearly all parts of our area, but is rising again over our southwestern coasts and is inclined to rise in the Hebrides. Gradients are rather steep in the southwest and over the Bay of Biscay, moderate to slight in most other regions.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind remains S⁴ or SW⁴ over the east of France, Germany, Denmark and Scandinavia, and also in the east of Scotland, but in all other parts of our Islands and in the west of France it has veered to W. or NW. It still blows strongly or with the force of a moderate gale at many of our western stations and over the Bay of Biscay, and with the strength of a fresh gale at Valencia. Temperature has decreased quickly and is now below the mean in almost all parts of the Kingdom. The readings range from 23° at Newton Reigny, 29° at Loughborough, and 30° at Oxford and Parsonstown, to 57° at Portland Bill and 43° at Scilly and Valencia. The continental values vary from 46° at Biarritz, to 30° at Munich, and from 44° at Christiansund to 25° at Haparanda. The sky has cleared in most parts of the United Kingdom but snow showers prevail at Wick and hail or snow squalls in the south of Ireland. Over our continental area the weather is dull, with rain at Biarritz, Brest, Brussels, and rain or snow in different parts of Scandinavia. The sea is rough or rather so in the southwest, west, and south as well as at Skudelesnaes.

Temperature failed to reach 50° in our Islands during yesterday; at some Irish stations it remained below 40°. Showers of cold rain, sleet, or snow have been experienced very generally; at Sumburgh Hd. as much as 0.5 ins. has been measured at Jersey 0.7 ins., and at Cape Gris Nez 0.8 ins. Bright sunshine has again been very deficient.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

As the primary disturbance moves away eastwards some secondary systems will probably appear in the northwest. Cold, changeable weather, with sleet or snow showers in places, is anticipated for the ensuing 24 hours.

FORECASTS *

For the 24 hours ending at NOON on 26 JANUARY, 1902

DISTRICTS.		FORECASTS.	
0	{ SCOTLAND NORTH	{ W ⁴ and NW ⁴ winds, freshening, changeable, snow showers in places.	
1	{ SCOTLAND EAST		
2	TT { ENGLAND N.E.	W ⁴ winds, moderate or light generally, changeable, some sleet or snow showers.	
3	{ ENGLAND EAST	W ⁴ and NW ⁴ winds, light generally, but fresh in places; fair, then snow showers locally. Frost at night.	
4	{ MIDLAND COUNTIES		
5	{ ENGLAND SOUTH		

DISTRICTS.		FORECASTS.	
6	{ SCOTLAND WEST	{ W ⁴ and NW ⁴ winds, fresh or strong in places; changeable, some snow showers.	
7	TT { ENGLAND N.W.		
8	TT { ENGLAND S.W.	{ Wind mainly NW ⁴ decreasing in force; changeable, snow or sleet showers in places.	
9	{ IRELAND NORTH		
10	TT { IRELAND SOUTH		
WARNINGS		At 10 AM today to district 1 and part of 0. "LOWER CONE" The signals are still up in districts 2, 7, 8, & 10	

Note.—The South Cone, point downwards (T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*			*	3	*	oc	44 31	0.0	0.08
Newton Reigny (Penrith)	29.05	32	w 5	8	29.07	- .15	23	21	- 17	wnw 1	3c	ots, c	41 23	0.3	0.12
Bath	29.34	34	w 4	0	29.20	- .13	28	28	- 17	w 1	0	0	47 26	1.2	0.12

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	48	36	oc, d, o	1.7	0.06	Worthing	*	*	*	2.2	*
Birmingham, 9 p.m.	45	33	c	2.1	0.12	Llandudno	*	*	*	1.8	*
Lowestoft, 6 p.m.	45	40	c	0.0	0.08	Rhyl	*	*	*	1.5	*
Hastings	*	*	*	0.1	*	Southport, 9 p.m.	46	34	op, d, oc	1.5	0.24
Eastbourne	*	*	*	0.3	*	Manchester, 9 p.m.	47	32	os	0.5	0.03
Brighton	*	*	*	1.3	*	Darwen, 9 p.m.	43	31	o	0.0	0.26

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	66	50	bc c	Ins.	Algiers	66	32	b c	—
Madrid	48	27	o — b	—	Tunis	59	39	bc c	—
Corsica (I. Sanguinaires)	54	41	m — m	—	Vienna	45	36	a f	—
Rome	55	43	c o	—	St. Petersburg	21	1	? { s } o	0.04
Florence	46	41	o o	—	23 JAN-102				Measured 7 a.m.
Trieste	46	39	f o	—	Lugano	41	—	b	—
Brindisi	58	37	a o	—	Davos	34	—	b	—
Naples	55	39	c o	—	Lucerne	39	—	b	—
Palermo	45	43	b b	—	Lausanne	39	—	b	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

25 Jan. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.48	12.5	4.22
Greenwich	7.57	12.12	4.33
Wick	8.36	12.24	4.13
Valencia	8.34	12.53	5.12

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 26th January 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 82° and M.S.L.	Dry Bulb.	Dzies. (0 to 12.)	Force (0 to 12.)		Weather.	At 82° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Weather.	Max.			Min.
		Ins.	Ins.	°	°	°	Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	°	°	
SCANDINAVIA.	Haparanda	29.17	33	ESE	6	0	29.18	-0.01	33	32	+8	S	4	0	*	0	?	25	*	0.12	
	Hernösand	28.95	34	S	4	0	28.89	-0.21	33	33	-1	Z	0	0	*	0	36	25	*	0.04	
	Stockholm	29.19	36	S	2	0	29.05	-0.22	35	33	-1	SW	4	0	*	0	39	35	*	0.04	
	Wisby	29.19	37	S	2	0	29.19	-0.20	35	33	-2	S	2	0	*	0	43	34	*	—	
	Karlstad	29.00	35	SW	2	0	28.95	-0.15	32	31	-4	SW	2	0	*	0	43	34	*	0.24	
	Færder (X'ania Fjord)	28.92	35	SSE	5	0	28.94	-0.02	36	33	-4	WSW	5	0	3	0	39	34	*	0.12	
	Bodö	28.75	32	E	4	0	28.78	-0.20	34	33	+7	E	2	0	1	0	34	27	*	—	
	Christiansund	29.16	38	ESE	2	0	28.83	+0.08	34	33	-10	W	3	0	4	0	44	34	*	0.04	
	Skudesnaes	28.87	36	Z	0	0	28.90	+0.04	39	34	+2	W	6	0	4	0	39	32	*	—	
BRITISH ISLANDS.	Sumburgh Head	28.90	31	NW	1	6	29.01	+0.31	32	32	-3	N	4	0	7	0	43	26	*	0.17	
	Stornoway	29.46	32	NNE	8	0	29.64	+0.75	25	25	-6	NNW	7	0	8	0	37	22	0.0	0.35	
	Malin Head	29.50	39	NNW	9	0	29.74	+0.76	35	35	-4	NW	7	0	6	0	40	31	*	0.10	
	Blacksod Pt.	29.45	41	NNW	7	0	29.86	+0.65	39	37	+1	WSW	3	0	4	0	45	37	*	0.14	
	Valencia	29.79	42	N	8	0	29.97	+0.57	44	41	+1	SW	3	0	4	0	47	37	0.6	0.21	
	Roche's Point	29.65	43	NNW	6	6	29.99	+0.64	41	38	+5	NNW	3	0	3	0	46	35	*	0.08	
	Parsonstown	29.62	38	NW	7	6	29.91	+0.65	33	31	+3	SE	1	0	0	0	41	28	1.4	0.11	
	Donaghadee	29.36	42	NNE	8	0	29.74	+0.63	33	33	0	N	4	0	5	0	30	30	*	—	
	Liverpool Obsy.	29.29	38	W	6	0	29.77	+0.65	34	33	+1	NNW	6	0	5	0	30	30	*	0.20	
Holyhead	29.36	41	WNW	7	0	29.83	+0.68	37	34	+1	NW	7	0	6	0	41	34	*	0.01		
Pembroke (St. Ann's)	29.41	39	N	5	0	29.91	+0.67	39	36	0	NNW	5	0	5	0	43	37	2.5	0.06		
GERMANY, &c.	Scilly (St. Mary's)	29.45	46	NW	1	6	30.02	+0.69	45	41	+2	NW	5	0	6	0	49	40	2.6	0.01	
	Jersey (St. Aubins)	29.45	39	NW	3	0	30.00	+0.68	41	35	+4	NW	5	0	4	0	44	36	0.9	0.28	
	Portland Bill	29.36	40	WNW	3	0	29.89	+0.65	39	36	+2	NW	7	0	4	0	41	37	*	—	
	Dungeness	29.36	35	WNW	3	0	29.79	+0.60	31	29	-1	NW	4	0	2	0	43	28	*	—	
	Wick	28.98	34	NW	8	0	29.32	+0.59	26	26	-6	NW	8	0	5	0	35	25	*	0.12	
	Nairn	29.33	33	NNE	5	0	29.55	+0.68	24	23	-9	NNW	6	0	3	0	36	23	*	0.06	
	Aberdeen	29.10	34	NW	9	0	29.44	+0.54	25	24	-6	NNW	8	0	5	0	36	23	2.2	0.14	
	Leith	29.25	35	WNW	3	0	29.58	+0.62	28	26	-4	WNW	3	0	3	0	39	27	*	0.02	
	North Shields	29.16	35	W	3	0	29.57	+0.56	26	26	-6	W	4	0	3	0	38	25	*	0.01	
FRANCE.	Spurn Head	29.22	35	W	4	0	29.60	+0.51	30	29	-2	NW	6	0	6	0	37	29	*	0.06	
	Yarmouth	29.31	34	WNW	3	0	29.74	+0.59	30	28	+1	WNW	4	0	4	0	39	27	*	—	
	Loughborough	29.45	32	WSW	2	0	29.83	+0.64	30	29	0	W	3	0	4	0	39	29	*	—	
	Oxford	29.35	34	NW	3	0	29.84	+0.65	32	30	+1	W	3	0	4	0	40	31	*	—	
	London (Brixton)	29.35	34	NW	3	0	29.84	+0.65	32	30	+1	W	3	0	4	0	40	31	*	—	
	The Scaw (Skagen)	28.93	34	NW	1	0	29.00	-0.00	33	33	-7	SW	2	0	0	0	43	32	*	0.36	
	Fanö	29.07	35	SSW	4	0	28.81	-0.29	35	34	-3	NNW	6	0	0	0	39	34	*	0.43	
	Cuxhaven	29.13	33	SW	5	0	29.08	-0.13	38	36	0	W	8	0	0	0	41	33	*	0.12	
	The Helder	29.17	36	NW	3	0	29.43	+0.37	35	32	+2	NW	8	0	7	0	41	33	*	0.51	
SPAN. PEN.	Brussels	29.29	39	SW	2	0	29.66	+0.47	31	30	+3	NNW	4	0	0	0	37	31	*	0.04	
	Berlin	29.29	39	SW	2	0	29.26	-0.18	33	32	-8	WSW	3	0	0	0	46	32	*	0.04	
	Frankfurt	29.35	34	SW	2	0	29.54	+0.15	31	30	-11	SW	4	0	0	0	43	30	*	0.20	
	Munich	29.49	34	SW	5	0	29.58	+0.03	29	28	-1	SW	3	0	0	0	41	28	*	0.12	
	C. Gris Nez	29.37	33	WNW	4	0	29.76	+0.57	34	33	-3	NW	6	0	6	0	46	30	*	—	
	Brest	29.50	43	WNW	6	0	30.07	+0.66	44	41	+2	NNW	4	0	5	0	45	43	*	0.16	
	Lorient	29.57	43	NW	6	0	30.07	+0.63	43	42	+2	NNW	5	0	4	0	52	39	*	0.08	
	Rochefort	29.67	45	WNW	8	0	30.06	+0.47	44	41	-1	NNW	7	0	0	0	48	39	*	0.24	
	Biarritz	29.90	48	W	7	0	30.12	+0.28	45	45	-1	NW	6	0	7	0	50	43	*	0.55	
SPAN. PEN.	Paris	29.48	36	SW	2	0	29.80	+0.45	32	30	-4	W	2	0	0	0	40	28	*	0.04	
	Belfort	29.60	33	SW	6	0	29.73	+0.08	28	27	-4	WSW	4	0	0	0	43	28	*	0.39	
	Lyons	29.64	38	W	3	0	29.90	+0.27	32	31	-10	NNW	1	0	0	0	46	31	*	0.04	
	Nice	29.52	42	W	4	0	29.58	-0.23	38	31	-3	W	5	0	0	0	52	36	*	0.24	
	Perpignan	29.79	46	NW	6	0	29.98	+0.19	45	39	+13	NW	5	0	0	0	51	32	*	0.08	
	Corunna	30.13	52	NW	6	0	30.29	+0.09	50	46	-2	NW	4	0	3	0	54	45	*	0.08	
	Lisbon	30.29	49	NNW	2	0	30.34	+0.09	48	46	-2	NNE	3	0	0	0	55	48	*	—	
	Azores (P. Delgada)	30.51	53	NE	3	0	30.48	-0.03	50	47	-3	NNE	4	0	0	0	61	48	*	—	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Sunday, 26th January, 1902*

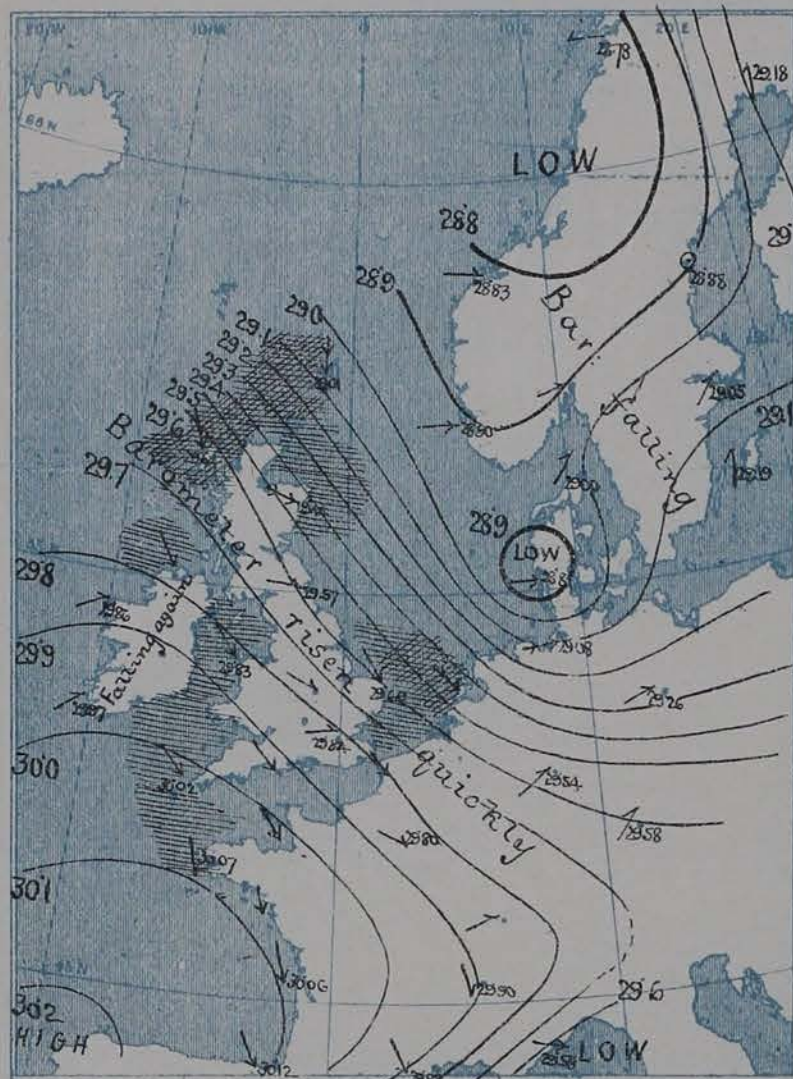
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough High



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

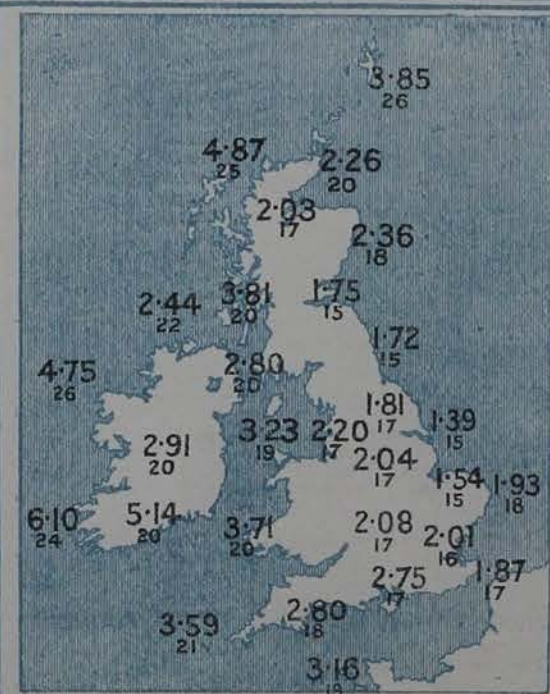
Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
(for Shields) { RAIN DAYS 15

Malin Head & Blacksod Belmullet Values are for only 15 Yrs.



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period
JANUARY-FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer remains highest 30.3 ins. and upwards in Portugal, but an anticyclone in which readings exceed 29.9 ins. has spread from the Atlantic over all the southwestern parts of the United Kingdom and the western parts of France. The mercury is rising over western Europe generally but is beginning to fall again in the west of Ireland. The lowest readings 28.8 ins. and less are found in a cyclonic area with its centre off the northern parts of the Norwegian coasts, but a well marked secondary system with readings below 28.9 ins. is reported over Denmark.

WIND

The wind is NWY over the greater parts of our Islands, France, and the Netherlands, blowing strongly in many places and with the force of a gale in the north of Scotland. In Denmark Germany and the south of Scandinavia it is SWY, while in the north of Scandinavia it is rather variable. Temperature has fallen in most places but has risen in the southwestern parts of the United Kingdom. Frost now prevails in most parts of Great Britain and is very sharp in the north, the readings being as low as 24° at Nairn and 25° at Stornoway and Aberdeen.

TEMPERATURE

Slight frost is reported also over Belgium, Germany and central France. The weather is fine over most parts of the United Kingdom, France, and the Netherlands, but snow squalls are reported on our extreme northern and northwestern coasts. In Scandinavia the weather is dull with snow in the west of Norway. The sea is high off the north of Scotland and rough or rather so on all but our southern coasts.

WEATHER

AND

SEA

During yesterday the thermometer remained below 40° at most places in the northern, eastern and central parts of the United Kingdom; sharp frost occurred in the same districts last night, the readings in the screen being as low as 22° at Stornoway, and 23° at Nairn and Aberdeen. The amount of bright sunshine was small in the west and north but large in the south and southeast. At Norwich there was as much as 6.8 hours. Snow fell in many parts of the United Kingdom and Scandinavia and rain at the French and German stations. Thunder and lightning occurred at Blackod Point and Valencia (Ireland).


PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 27th JANUARY, 1902

DISTRICTS.

FORECASTS.

- 0  SCOTLAND NORTH
- 1  SCOTLAND EAST
- 2  ENGLAND N.E.
- 3  ENGLAND EAST
- 4  MIDLAND COUNTIES
- 5  ENGLAND SOUTH

NONE ISSUED

DISTRICTS.



FORECASTS.

- 6  SCOTLAND WEST
- 7  ENGLAND N.W.
- 8  ENGLAND S.W.
- 9  IRELAND NORTH
- 10  IRELAND SOUTH

NONE ISSUED

WARNINGS

At 3.10 pm yesterday to districts 1 and part of 0, and at 7.10 pm to districts 2, 3, & 5. "HOIST NORTH CONE"
At 9.45 am today to districts 6, 9, 10, & remainder of 0. "HOIST SOUTH CONE"

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	δ	*	δ	38 29	6.5	-
Newton Reigny (Penrith)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bath	29.39	33	Z.O	bc	29.89 +.59	33	31	+5	WNW.1.	C	*	bc	40 29	4.5	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	37	27	o, b, c	4.7	0.12	Worthing	*	*	*	6.8	*
Birmingham, 9 p.m.	35	28	c, r, s	0.9	0.02	Llandudno	*	*	*	5.3	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	*	*
Hastings	*	*	*	*	*	Southport, 9 p.m.	40	32	ch, s, h, v	1.0	0.16
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	36	28	bc, s, o	0.8	0.04
Brighton	*	*	*	*	*	Darwen, 9 p.m.	34	25	ch, s, v	0.3	0.29

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	66	52	o	o	Algiers	68	52	c	bc
Madrid	*	*	*	*	Tunis	61	41	bc	o
Corsica (I. Sanguinaires)	52	41	m	m	Vienna	41	32	b	f
Rome	54	49	o	o	St. Petersburg	34	19	r	r
Florence	*	*	*	*	24 Jan 1902	1 p.m.			Measured 7 a.m.
Trieste	45	41	o	f	Lugano	39	—	o	—
Brindisi	52	41	c	c	Davos	34	—	b	—
Naples	54	50	c	c	Lucerne	39	—	b	—
Palermo	64	42	b	c	Lausanne	41	—	b	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

26 Jan. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.47	12.6	4.24
Greenwich	7.50	12.13	4.35
Wick	8.34	12.25	4.15
Valencia	8.33	12.54	5.14

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Monday 27th January 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS				
		BAROM.		TEMP.		WIND.		BAROMETER		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.				
		At 32° and M.S.L.	Dry Bulb.	Dew Pt.	Force (0 to 12.)	Weather	At 32° Fabr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.			Min.	Sun- shine Hours	Rainfall Ins.		
																					Ins.	Ins.
SCANDINAVIA.	Haparanda	29.01	33	S	4	0	29.39	+21	29	29	-4	SE	4	0	0	34	23	*	0.20			
	Hernösand	28.94	31	Z	0	0	29.03	+12	25	24	-8	Z	0	0	0	36	25	*	0.04			
	Stockholm	29.15	31	Z	0	0	29.17	+12	25	24	-10	SW	2	0	0	36	25	*	-			
	Wisby	29.18	35	S	4	0	29.30	+11	33	?	-2	W	4	0	0	41	32	*	0.12			
	Karlstad	29.12	32	W	2	0	29.21	+26	27	26	-5	W	2	0	0	*	*	*	-			
	Färder (X'ania Fjord)	29.07	35	W	2	0	29.20	+26	29	28	-7	NW	2	0	0	37	28	*	-			
	Bodö	28.89	32	Z	0	0	29.00	+22	27	27	-7	NE	6	0	0	34	27	*	-			
	Christiansund	29.12	35	N	2	0	29.12	+39	26	25	-6	NE	5	0	0	37	26	*	0.39			
	Skudesnaes	29.12	32	NE	1	0	29.24	+34	32	32	-7	ENE	2	0	0	39	30	*	0			
	Sumburgh Head																					
BRITISH ISLANDS.	Stornoway	29.67	29	NNW	4	0	29.50	-14	28	28	+3	NE	4	0	0	33	22	3.9	0.06			
	Malin Head	29.72	37	N	3	0	29.41	-33	33	32	-2	E	4	0	0	37	31	*	0.22			
	Blackod Pt.	29.62	42	SE	3	0	29.49	-37	45	42	+6	WNW	5	0	0	49	38	*	0.35			
	Valencia	29.74	49	SW	6	0	29.65	-32	47	43	+3	W	6	0	0	51	44	0.0	0.29			
	Roche's Point	29.76	45	WSW	2	0	29.64	-35	45	44	+4	NW	3	0	0	45	39	*	0.09			
	Parsonstown	29.71	40	SW	1	0	29.53	-38	42	40	+9	WSW	2	0	0	50	32	0.0	0.34			
	Donaghadee	29.73	33	W	2	0	29.43	-31	35	35	+2	ESE	4	0	0	36	31	*	0.21			
	Liverpool Obsy.	29.76	35	W	1	0	29.43	-34	32	32	-2	E	3	0	0	38	31	*	0.35			
	Holyhead	29.76	37	W	1	0	29.41	-42	44	43	+7	W	5	0	0	44	34	*	0.23			
	Pembroke (St. Ann's)	29.78	43	NW	4	0	29.52	-39	47	44	+8	WNW	5	0	0	49	39	0.0	0.47			
GERMANY, &c.	Scilly (St. Mary's)	29.86	49	W	4	0	29.67	-35	49	49	+4	W	5	0	0	51	41	0.0	0.26			
	Jersey (St. Aubin's)	29.99	44	W	4	0	29.67	-33	50	49	+9	W	7	0	0	50	40	3.3	0.58			
	Portland Bill	29.85	44	W	6	0	29.52	-37	48	46	+9	WNW	5	0	0	48	39	*	0.18			
	Dungeness	29.84	37	NW	4	0	29.48	-31	43	43	+12	SSE	3	0	0	43	30	*	0.17			
	Wick	29.52	29	NW	4	0	29.44	+15	24	24	-2	NNW	2	0	0	30	20	*	0.15			
	Nairn	29.61	27	W	2	0	29.51	-04	12	12	-12	W	1	0	0	30	12	*	0.02			
	Aberdeen	29.59	27	WNW	4	0	29.51	+07	21	20	-4	W	2	0	0	30	17	2.9	0.12			
	Leith	29.63	28	W	2	0	29.51	-07	27	26	-1	Z	0	0	0	35	25	*	-			
	North Shields	29.64	29	W	3	0	29.51	-06	28	28	+2	Z	0	0	0	33	25	*	-			
	Spurn Head	29.65	34	WNW	6	0	29.49		33	31		SE	2	0	0	35	29	*	-			
FRANCE.	Yarmouth	29.64	34	WNW	5	0	29.51	-09	34	33	+4	ESE	4	0	0	35	29	*	0.01			
	Loughborough	29.77	34	WNW	5	0	29.45	-29	32	32	+2	ESE	1	0	0	37	30	*	0.17			
	Oxford	29.80	34	WSW	2	0	29.45	-38	40	40	+10	WSW	4	0	0	41	30	*	0.20			
	London (Brixton)	29.85	36	NW	3	0	29.47	-37	39	38	+7	WSW	3	0	0	39	32	2.7	0.18			
	The Scaw (Skagen)	29.14	34	S	1	0	29.22	+22	35	35	+2	S	1	0	0	36	32	*	-			
	Fanö	29.20	36	W	9	0	29.37	+56	35	35	0	W	6	0	0	39	32	*	0.16			
	Cuxhaven	29.42	34	W	4	0	29.50	+42	35	33	-3	W	4	0	0	38	32	*	-			
	The Helder						29.56	+13	36	32	+1	W	1	0	0	37	28	*	0.04			
	Brussels						29.62	+04	32	32	+1	SSE	2	0	0	34	28	*	0.16			
	Berlin	?	32	?	3	0	29.62	+36	30	28	-3	W	3	0	0	39	27	*	-			
SPAN. PEN.	Frankfurt	29.82	28	W	2	0	29.72	+18	30	30	-1	SW	2	0	0	41	21	*	0.08			
	Munich	29.87	26	W	6	0	29.73	+20	27	27	-2	Z	0	0	0	34	25	*	-			
	C. Gris Nez	29.76	34	NW	6	0	29.54	-22	36	36	+2	S	3	0	0	46	34	*	0.12			
	Brest	30.03	46	WSW	4	0	29.79	-25	49	48	+5	WSW	5	0	0	49	44	*	0.04			
	Lorient	30.06	46	W	5	0	29.84	-23	50	50	+4	W	5	0	0	50	43	*	0.08			
	Rocheport	30.23	44	NW	3	0	30.07	+01	47	?	+3	W	6	0	0	47	41	*	-			
	Biarritz	30.32	44	E	1	0	30.23	+11	48	43	+3	SW	5	0	0	50	43	*	0.08			
	Paris	30.00	37	SW	2	0	29.67	-13	46	45	+14	WSW	3	0	0	46	32	*	0.16			
	Belfort	29.97	28	ENE	5	0	29.75	+02	31	31	+3	WSW	4	0	0	35	27	*	0.16			
	Lyons	30.18	30	NW	1	0	30.02	+12	32	32	0	S	1	0	0	36	30	*	0.16			
Nice																						
Perpignan	30.19	45	NW	4	0	30.17	+29	41	36	-4	SW	2	0	0	49	34	*	-				
SPAN. PEN.	Corunna																					
	Lisbon																					
	Azores (P. Delgada)																					

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

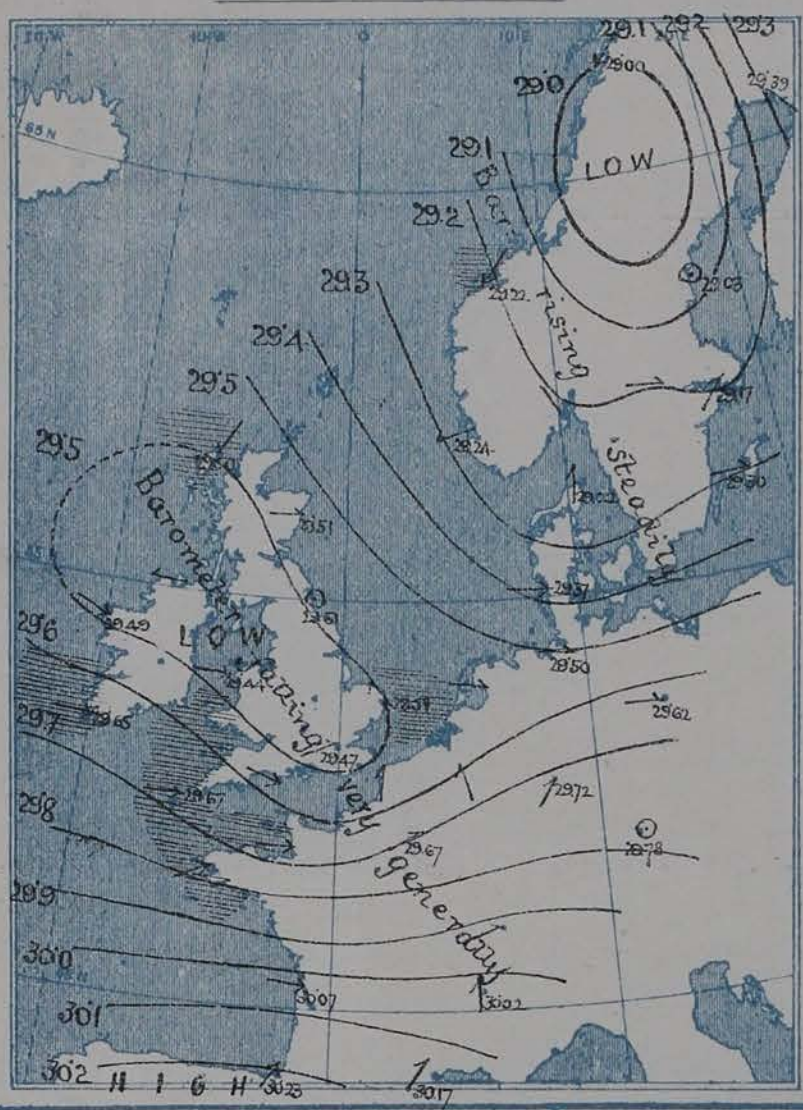
* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Monday, 27th January, 1902*

I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
 Force above 10 → Force 5 to 7 → Force 1 to 4 → Calm ⊙
 Force 8 to 10 → Force 1 to 4 →
SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



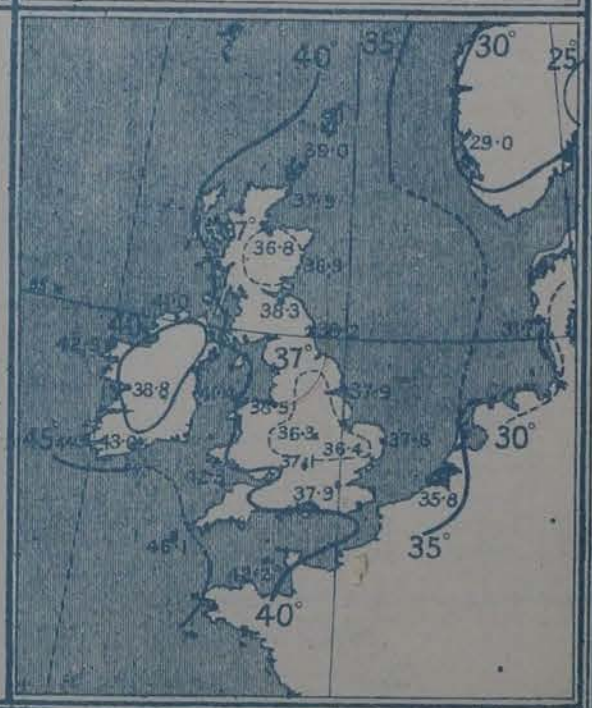
IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
 (for Shields) { RAIN DAYS 15
 Malin Head & Blacksod & Belmullet Values are for only 15 Yrs.



V. Means of DAILY TEMPERATURE

*at 8 A.M. for the Two monthly period
 JANUARY-FEBRUARY (1871-1900.)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure is highest, 30.2 in. and upwards, in the south-west of France, and lowest, 29.0 in. and less, in a cyclonic system lying over the northern parts of Scandinavia. In the course of the night, however, a large and complex, although somewhat shallow disturbance, with readings below 29.5 in. has spread over the United Kingdom from the westward and under its influence the barometer is now falling over the whole country, as well as in neighbouring parts of the Continent. In Scandinavia, Denmark and North Germany the mercury is at present rising.

WIND

TEMPERATURE

WEATHER

AND

SEA

Two distinct circulations of wind are shown round the cyclonic systems noticed above. On our Western, Southern and the French coasts the wind is fresh to strong from the westward, while in the north and east of England and the north of Ireland it is light to moderate from the south-eastward or eastward; in Scotland it is rather variable. Westerly breezes are reported over Denmark, North Germany and the South of Sweden, but North-easterly breezes on the Norwegian coast. Temperature has risen decidedly over France and the western and southern parts of the United Kingdom and now exceeds 45° in many places, the highest reading reported being 50° at Scilly and Lorient. In nearly all other parts of our area the thermometer has fallen and in Scotland the frost has become very severe, the morning reading at Naïon being as low as 12°. The weather is fair or fine at most of the Irish and Scotch stations as well as in the south of Sweden, but is cloudy or dull elsewhere; rain or sleet is falling in many parts of England and snow at Brussels and in the west of Norway. The sea is rough on our south-west coasts and rather rough at Stornoway and Yarmouth as well as on the French and Norwegian coasts. During yesterday the thermometer remained below the freezing point in the north of Scotland and below 40° in all the northern, eastern and central parts of the United Kingdom. The amount of bright sunshine was very small in the west, but large elsewhere; at Hastings there was as much as 5.1 hours. Snow or rain has fallen at all but our north-eastern stations - rather heavily at Pembroke and Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The complex area of low pressure over these islands is likely to move slowly north-eastwards and further falls of snow are probable over our northern districts. In the south the wind will probably blow strongly from the westward, with showery and milder weather.

FORECASTS *

For the 24 hours ending at NOON on 28th January, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

Variable breezes, finally S.E.; unsettled, some snow, becoming milder.

6 { SCOTLAND
WEST

E to variable breezes; unsettled, some snow, becoming milder.

1 { SCOTLAND
EAST

7 { ENGLAND
N.W.

2 { ENGLAND
N.E.

S.E. to S.W. winds, moderate; unsettled, with snow or sleet. Becoming milder.

8 { ENGLAND
S.W.

W to N.W. winds, strong in places; squally, some showers.

3 { ENGLAND
EAST

9 { IRELAND
NORTH

4 { MIDLAND
COUNTIES

W winds, strong in places; changeable, some showers, with bright intervals, milder.

10 { IRELAND
SOUTH

WARNINGS

At 7.30 pm yesterday to districts 7 & 8 "Hoist South Cone. The signals have been lowered this morning in districts 0 to 3 and 6.

Note.—The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (⌴), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 2 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	b, c	38	30	5.4	0.10
Newton Reigny (Penrith)	29.69	28	20	0	29.49		26	24		SE 3	0	•	b, c	32	22	2.6	—
Bath	29.79	36	NW 1	0	29.49	-1.40	45	43	+12	W 5	0	•	0	48	34	1.0	0.23

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	36	23	b, c	5.7	0.02	Worthing				3.4	
Birmingham, 9 p.m.	38	28	c	4.1	—	Llandudno				0.0	
Lowestoft, 6 p.m.				?		Rhyl				0.0	
Hastings				5.1		Southport, 9 p.m.	39	31	o, h	0.3	0.11
Eastbourne				4.6		Manchester, 9 p.m.					
Brighton				3.5		Darwen, 9 p.m.	33	24	o, m, u	1.2	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	Information			Ins.	Algiers	not recd: at present			Ins.
Madrid					Tunis...				
Corsica (I. Sanguinaires) ...					Vienna				
Rome					St. Petersburg...				
Florence					25 Jan/02	1 p.m.			Measured 7 a.m.
Trieste					Lugano				
Brindisi... ..					Davos				
Naples					Lucerne				
Palermo					Lausanne				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (w.e.t.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

	27 Jan 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth		7.46	12.6	4.26
Greenwich		7.49	12.13	4.37
Wick		8.32	12.25	4.17
Valencia		8.32	12.54	5.16

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 28th January 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Ins.	Dry Bulb.	Direc.		Force (0 to 12.)	Weather.	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.			Force (0 to 12.)	Weather.			Max.	Min.
SCANDINAVIA.	Haparanda	29.06	12	Z	0	b	29.47	+0.4	23	22	-6	S	2	0	*	b	36	12	*	0.04		
	Hernösand	29.18	15	Z	0	0	29.14	+1.1	7	6	-18	Z	0	b	*	0	32	7	*	—		
	Stockholm	29.30	29	SSW	2	0	29.36	+1.9	25	24	0	W	2	b	*	0	32	25	*	—		
	Wisby	29.30	35	S	4	0	29.41	+1.1	34	32	+1	NNE	4	0	*	0	39	30	*	0.12		
	Karlstad	29.23	29	Z	0	0	29.36	+1.5	14	13	-13	W	2	0	*	0	*	*	*	—		
	Færder (X'ania Fjord)	29.27	31	W	3	b	29.30	+1.0	28	26	-1	NW	1	b	2	b	31	27	*	—		
	Bodö	28.99	24	Z	0	b	28.97	-0.3	23	22	-4	E	2	b	1	b	27	19	*	—		
	Christiansund	29.11	26	?	9	S	29.15	-0.7	31	28	+5	WNW	8	S	6	S	31	25	*	0.63		
	Skudesnaes	29.37	30	NNW	2	0	29.30	+0.6	29	28	-3	E	4	0	3	0	34	27	*	*		
	Sumburgh Head	29.37	25	NNE	1	0	29.27	-1.4	25	24	0	NNE	2	c	4	0	27	22	*	0.05		
BRITISH ISLANDS.	Stornoway	29.28	28	SE	5	S	29.33	-1.7	33	32	+5	NE	6	S	6	os, s	33	22	0.0	0.13		
	Malin Head	29.26	40	SW	5	opq	29.18	-2.3	40	39	+7	N	7	cq, p	6	opq	40	33	*	0.13		
	Blacksod Pt.	29.32	42	WSW	5	opq, m	29.22	-2.7	42	41	-3	N	5	qm	5	op, opq, m	46	39	*	0.53		
	Valencia	29.53	47	SW	4	op	29.26	-3.9	45	42	-2	WNW	6	op, p	6	c, op	48	41	3.2	0.17		
	Roche's Point	29.54	45	WNW	3	cp	29.21	-4.3	44	41	-1	NW	6	bcp	4	bc, cp	50	40	*	0.12		
	Parsonstown	29.44	43	SW	4	0	29.15	-3.8	35	34	-7	SW	1	0	*	p, o, t	46	34	2.1	0.45		
	Donaghadee	29.47	39	NW	2	bc	29.07	-3.6	35	35	0	WSW	3	ng	2	p, bc	40	34	*	0.01		
	Liverpool Obsy.	29.45	36	SW	3	0	29.11	-3.2	39	37	+7	WSW	2	r	2	3, om	43	31	*	0.15		
	Holyhead	29.44	44	WSW	4	cp	29.07	-3.7	42	40	-2	WSW	3	cp	2	cp	46	41	*	0.28		
	Pembroke (St. Ann's)	29.55	47	W	5	c	29.13	-3.9	46	43	-1	WSW	6	on	6	c, q, p	48	43	3.3	0.10		
GERMANY, &c.	Scilly (St. Mary's)	29.67	48	W	6	cpm	29.30	-3.7	48	46	-1	WSW	8	c	6	bc, cpm	51	45	3.0	0.19		
	Jersey (St. Aubins)	29.72	48	W	3	bc	29.46	-2.1	46	43	-4	WSW	5	b	4	p, bc, g	51	43	0.8	0.17		
	Portland Bill	29.62	47	WNW	5	c	29.32	-2.0	44	43	-4	W	5	cq, p	4	bc, c	49	43	*	0.04		
	Dungeness	29.55	45	WNW	3	0	29.27	-2.1	43	42	0	W	6	bc	4	0	50	42	*	0.14		
	Wick	29.49	31	E	1	0	29.24	-2.3	32	32	+8	NNE	4	S	4	0	32	22	*	0.12		
	Nairn	29.31	29	Z	0	0	29.18	-1.3	35	34	+23	NNE	6	S	5	0	35	12	*	0.20		
	Aberdeen	29.37	28	WSW	1	sg	29.10	-4.1	34	32	+13	NNE	5	os, sg	5	c, sg	34	20	1.1	0.18		
	Leith	29.33	32	Z	0	S	29.09	-4.2	33	32	+6	NNW	1	S	*	S	35	26	*	0.04		
	North Shields	29.40	32	SSW	3	0	29.04	-4.7	37	36	+9	WSW	1	om	2	om, ot	37	27	*	0.05		
	Spurn Head	29.45	37	S	3	0	29.09	-4.0	38	37	+5	SW	4	bc	4	o, p	39	32	*	0.12		
FRANCE.	Yarmouth	29.48	39	ESE	1	0	29.16	-3.5	40	39	+6	WSW	4	emg	4	c, o	40	33	*	0.07		
	Loughborough	29.52	33	ESE	1	0	29.16	-2.9	38	36	+6	SW	3	bc	*	os, ng, b	41	31	*	0.06		
	Oxford	29.53	43	W	2	0	29.23	-2.2	40	38	0	SW	3	c	*	o, p	49	38	*	0.01		
	London (Brixton)	29.54	43	WSW	2	0	29.26	-2.1	40	38	+1	WSW	3	b	*	o, bc	47	39	0.0	—		
	The Scaw (Skagen)	29.32	33	WNW	3	b	29.35	+1.3	31	30	-4	NNW	1	m	0	b	36	30	*	—		
	Fanö	29.49	34	W	2	c	29.34	-0.3	33	32	-2	SSE	2	0	*	c	37	32	*	0.08		
	Cuxhaven	—	—	—	—	—	29.37	-1.3	29	29	-6	S	1	S	*	?	36	27	*	—		
	The Helder	29.53	34	S	1	0	29.22	-3.4	39	39	+3	SSW	1	m	2	0	39	32	*	—		
	Brussels	*	*	*	*	*	29.37	-2.5	42	41	+10	S	5	r	*	0	43	32	*	0.04		
	Berlin	29.65	34	SW	2	b	29.52	-1.0	28	27	-2	SSE	3	0	*	b	34	23	*	—		
SPAN. PEN.	Frankfurt	29.61	34	S	2	0	29.56	-1.6	38	37	+8	SSW	2	0	*	0	38	30	*	0.08		
	Munich	29.65	31	W	3	S	29.67	-1.1	35	35	+8	SW	3	0	*	S	37	27	*	0.32		
	C. Gris Nez	29.54	45	W	5	0	29.31	-2.3	45	45	+9	WSW	5	0	5	0	48	36	*	0.35		
	Brest	29.78	48	W	3	0	29.58	-2.1	48	46	-1	WNW	6	b	5	0	49	48	*	0.12		
	Lorient	29.82	49	W	5	r	29.60	-2.4	46	46	-4	W	5	0	5	r	52	46	*	0.24		
	Rochefort	29.89	50	W	7	r	29.86	-2.1	49	47	+2	WSW	6	0	*	r	50	46	*	0.20		
	Biarritz	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Paris	29.69	46	SW	2	0	29.55	-1.2	44	42	-2	SW	4	0	*	0	53	?	*	0.04		
	Belfort	29.65	38	SW	7	r	29.68	-0.7	38	38	+7	WSW	6	r	*	r	40	31	*	0.32		
	Lyons	29.92	37	S	1	0	29.87	-1.5	40	39	+8	S	1	0	*	0	43	32	*	0.28		
Nice	29.79	43	Z	0	b	29.78	-1.5	39	37	+3	E	1	bc	*	b	52	36	*	—			
Perpignan	30.03	53	W	3	0	29.94	-2.3	52	46	+11	NW	3	bc	*	0	55	41	*	—			
SPAN. PEN.	Corunna	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Lisbon	30.26	47	N	5	b	30.21	-1.1	48	46	+6	NNE	3	b	*	b	55	46	*	—		
Azores (P. Delgada)	30.38	55	ESE	2	c	30.33	-0.8	52	52	0	ENE	2	r	3	c	61	52	*	0.08			

NOTE: The Sunshine for London given in this Table is reported on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

‡ The corresponding value in yesterday's report should be 29.00 inches; it was reported erroneously as 29.29 inches.

WEATHER CHARTS

FOR *Tuesday, 28th January, 1902*

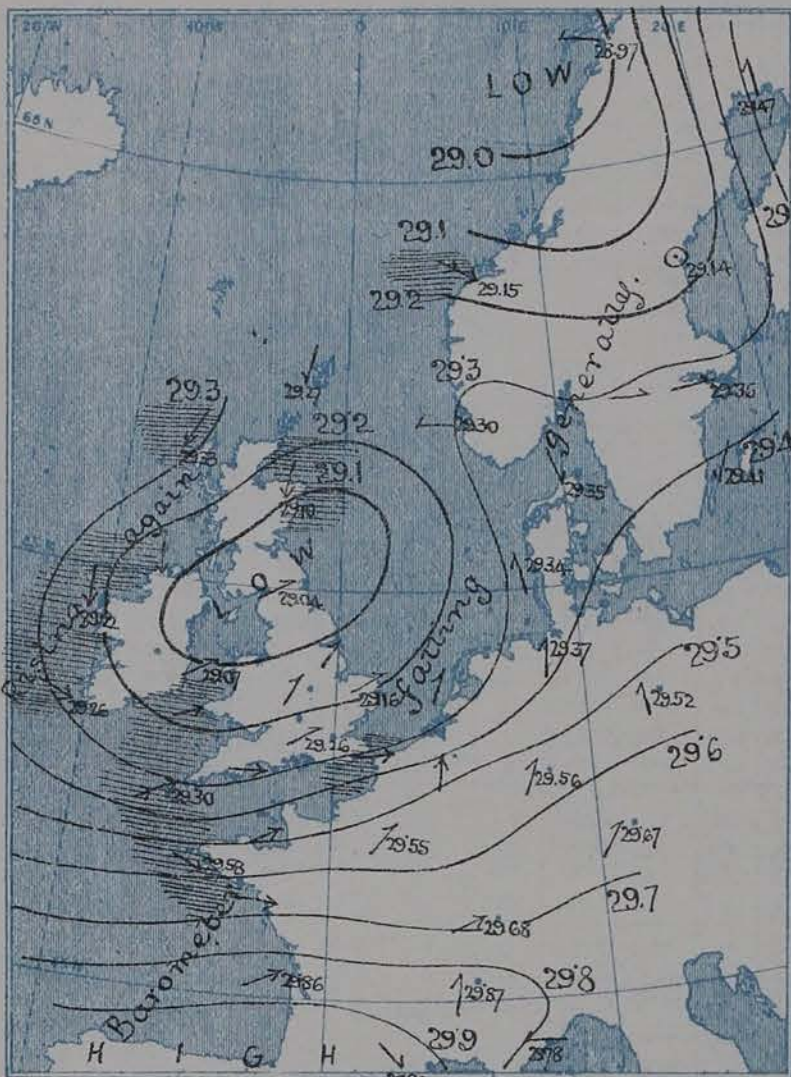
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⓪
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough  : High 

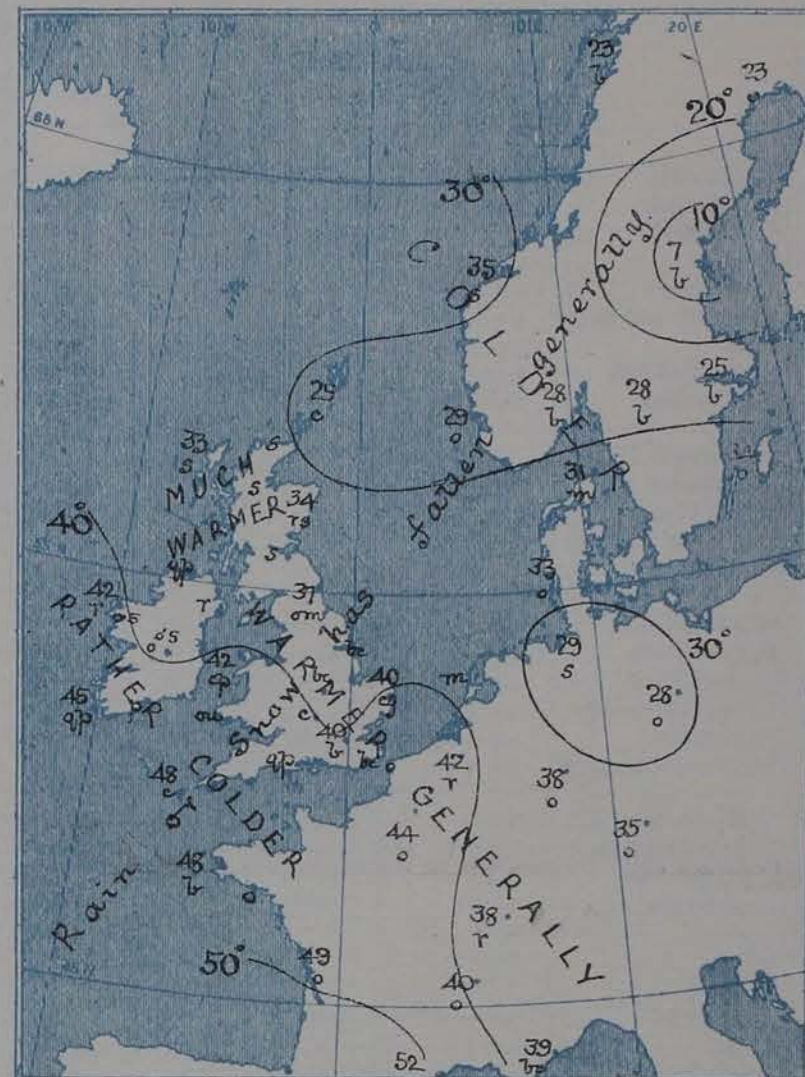


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

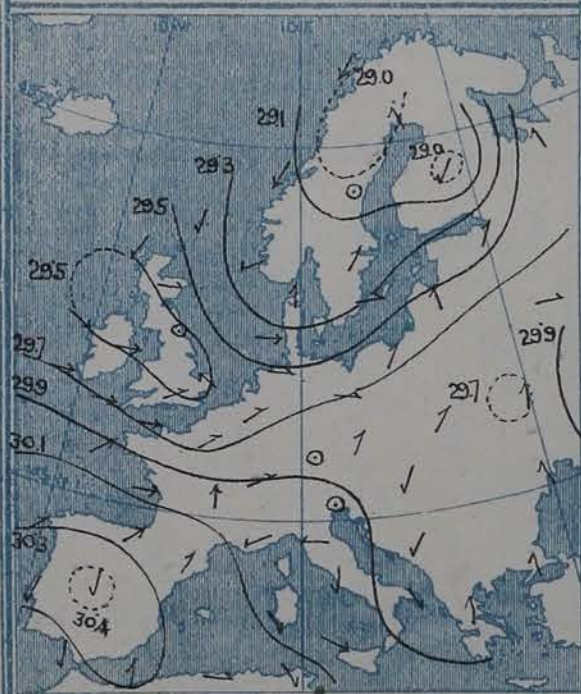
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



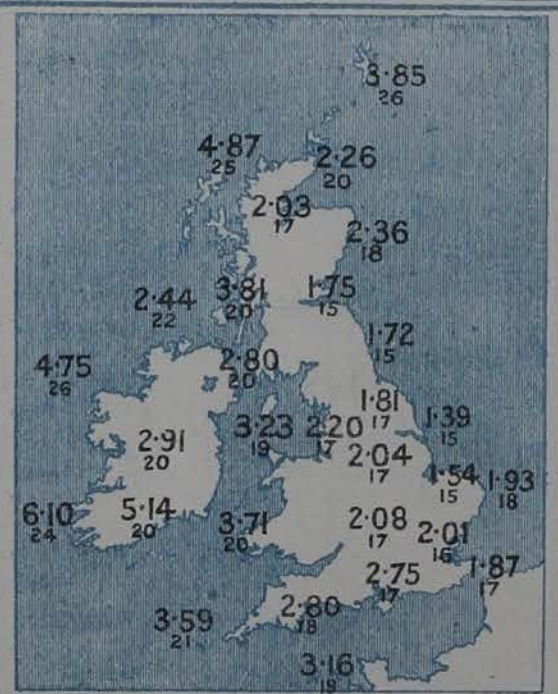
III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
(for Shields) { RAIN DAYS 15
Malin Head & Blacksod Belmullet Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period
JANUARY-FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer remains highest, 29.9 in. and upwards over the south of France, and is lowest, 29.0 in. and less, in a cyclonic area with its centre off the coast of Finnmark. Another disturbance with minimum readings very little above 29.0 in. is situated over the south of Scotland and the northern parts of England and Ireland and is occasioning a fall of the barometer over nearly the whole of western Europe. On our own extreme west and north-west coasts, however, a decided recovery of pressure is now in progress.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind shows a distinct cyclonic circulation round each of these disturbances. Over England, France and the south of Ireland it is westerly or south-westerly (with a gale at the mouth of the Channel) and over the Netherlands, Germany and Denmark it is light from the southward, while in Scotland and the north of Ireland it is increasing fast from the northward or north-eastward. Temperature has risen rapidly in Scotland and to a less extent in the north and east of England, but is still very low in the extreme north, the reading at Dumburg Head being only 25°. In most other parts of our area the thermometer has fallen, the readings at present differing but little from the normal. Hard frost has again set in over Sweden, at Kephö and the thermometer stands at 7° East, and at Karlstad at 14°. The weather is in a very unsettled state generally, with rain or passing showers at most of our western and southern stations, and with snow over nearly the whole of Scotland, as well as at Christiansund and Cuchaven. The sea is rough on all our extreme south-western, western and northern coasts, and is rather rough at most of the French stations.

During yesterday the thermometer rose to between 45° and 50° in the west and south of our islands generally and to 51° at Scilly and Jersey; in Caithness and the Shetlands it did not reach the freezing point. The amount of bright sunshine was mostly small excepting on our south coasts. Rain or snow has fallen over western Europe generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic system over our islands is likely to move eastwards, and in its rear the wind will probably blow hard from north in Scotland and from north-west on our western coasts. Cold changeable weather is probable over the United Kingdom generally.

FORECASTS *

For the 24 hours ending at NOON on 29th January, 1902

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.	
0	SCOTLAND NORTH	N ² & NE ³ winds, increasing to a gale; snow squalls at first, some improvement later.	6	SCOTLAND WEST	Same as Nos: 0 and 1.	
1	SCOTLAND EAST		7	ENGLAND N.W.		
2	ENGLAND N.E.	W ² winds, freshening; changeable, some cold rain or sleet.	8	ENGLAND S.W.	W ² to NW ³ gales or strong winds; squally, showery.	
3	ENGLAND EAST	SW ² to W ² winds, freshening; changeable, some cold rain or sleet.	9	IRELAND NORTH	N ² winds, strong, a gale in places; squally, with hail or sleet showers.	
4	MIDLAND COUNTIES		10	IRELAND SOUTH		
5	ENGLAND SOUTH	W ² winds, strong on coast; changeable, some cold showers.	WARNINGS			
At 9.40 am today to districts 0, 6, 9, 10 & part of 1 "Hoist North Cone" The South Cone is still flying in districts 7 and 8.						

Note.—The South Cone, point downwards (⌣), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌢), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry	Wet	Change					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	bc	*	c, o	41	34	0.8	0.04
Newton Reigny (Penrith)	29.39	32	SE 1	0	29.08	- .41	35	34	+ 9	W 3	bc	*	om, s, d	37	25	0.0	0.25
Bath	29.34	46	W 3	0	29.23	- .26	42	40	- 3	NW 5	r	*	o	49	41	2.0	0.09

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	32	24	0	0.0	0.22	Worthing	*	*	*	4.8	*
Birmingham, 9 p.m.	41	32	0	0.0	0.19	Llandudno	*	*	*	0.4	*
Lowestoft, 6 p.m.	39	29	o, d	0.0	0.10	Rhyl	*	*	*	0.5	*
Hastings	*	*	*	2.0	*	Southport, 9 p.m.	42	28	o, s, u	0.0	0.19
Eastbourne	*	*	*	3.4	*	Manchester, 9 p.m.	38	30	0	0.1	0.26
Brighton	*	*	*	3.3	*	Darwen, 9 p.m.	37	24	0	0.0	0.21

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	63	48	bc	c	Algiers	59	48	c	c
Madrid	53	23	b	- bc	Tunis	57	39	c	r
Corsica (I. Sanguinaires)	57	41	m	m	Vienna	37	28	c	c
Rome	54	34	c	b	St. Petersburg	36	30	o	o
Florence	47	30	c	b	Lugano	26	12		
Trieste	46	34	c	c	Davos				
Brindisi	54	34	o	o	Lucerne				
Naples	54	38	o	b	Lausanne				
Palermo	57	41	c	r					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

28. Jan., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.44	12.6	4.28
Greenwich	7.47	12.13	4.39
Wick	8.30	12.25	4.19
Valencia	8.30	12.54	5.18

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 29th January 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.			Min.					
																			Ins.			Ins.	°
SCANDINAVIA.	Haparanda	29.22	12	S	4	b	29.56	+4.9	3	2	-2.0	Z	0	b	*	b	30	3	*	0.04			
	Hernösand	29.39	9	Z	0	b	29.62	+4.8	-1	-2	-8	Z	0	b	*	b	23	-1	*	-			
	Stockholm	29.54	26	Z	0	m	29.56	+2.0	26	26	+1	Z	0	f	*	m	28	25	*	-			
	Wisby	29.44	31	S	2	o	29.45	+0.4	30	29	-4	S	4	o	*	o	37	30	*	0.16			
	Karlstad	29.48	14	NNW	2	b	29.63	+2.7	7	7	-7	NNE	2	b	*	b	*	*	*	-			
	Færder (X'ania Fjord)	29.42	26	NNE	4	b	29.60	+3.0	24	23	-4	N	5	o	2	b	28	23	*	-			
	Bodö	29.15	21	Z	0	b	29.52	+5.5	25	24	+2	E	2	s	1	b	25	14	*	-			
	Christiansund	29.34	30	WNW	8	s	29.58	+4.3	29	26	-2	SW	3	b	5	s	34	28	*	0.16			
BRITISH ISLANDS.	Skudesnaes	29.37	28	NE	2	s	29.63	+3.3	29	27	0	N	4	c	2	s	30	28	*	*			
	Sumburgh Head	29.48	28	N	4	c	29.73	+4.6	27	25	+2	N	3	bc	4	c	30	24	*	-			
	Stornoway	29.65	34	N	4	b	29.82	+4.9	31	31	-2	WNW	4	csp	4	sp.b	34	25	2.5	0.20			
	Malin Head	29.66	37	N	7	chg	29.93	+7.5	38	38	-2	WNW	7	tg	5	chg	40	33	*	0.08			
	Blacksod Pt.	29.78	37	N	5	bc, hcp	30.09	+8.7	37	33	-5	WNW	3	b	3	bc, hcp	42	32	*	0.12			
	Valencia	29.81	42	N	4	c	30.19	+9.3	31	30	-14	E	1	b	4	bc, c	47	30	4.3	0.08			
	Roche's Point	29.74	40	N	5	bc	30.20	+9.9	33	31	-11	NW	2	b	3	bc, bc	45	32	*	-			
	Parsonstown	29.72	35	NW	2	bc	30.14	+9.9	25	25	-10	NW	1	b	*	bc	42	25	2.9	-			
GERMANY, &c.	Donaghadee	29.60	38	NNE	4	bc	30.00	+9.3	29	28	-6	W	2	bc	2	bc	40	28	*	-			
	Liverpool Obsy.	29.51	37	NNW	5	o	30.04	+9.3	34	33	-5	NW	3	b	3	o, p	41	32	*	0.06			
	Holyhead	29.53	40	N	6	cp	30.02	+9.5	38	34	-4	NW	4	bc, hcp	3	cpq	42	34	*	0.23			
	Pembroke (St. Ann's)	29.57	43	NNW	6	b	30.07	+9.4	32	31	-14	NNE	1	b	4	b, s	46	31	0.5	0.13			
	Scilly (St. Mary's)	29.61	47	NW	7	cp	30.03	+9.3	44	41	-4	N	5	c	5	cp	49	40	5.4	0.03			
	Jersey (St. Aubins)	29.47	46	WNW	7	bc, hcp	29.97	+5.1	38	33	-8	NNW	4	bc	4	bc, hcp	49	37	2.2	0.19			
	Portland Bill	29.40	43	NW	5	bc	29.97	+6.5	33	31	-11	N	4	b	3	cpq, bc	47	32	*	0.04			
	Dungeness	29.30	40	NNW	1	op	29.89	+6.2	30	29	-13	N	3	b	1	op	47	29	*	0.02			
FRANCE.	Wick	29.52	31	N	3	o	29.84	+6.0	24	24	-8	W	1	c	1	o	33	20	*	0.04			
	Nairn	29.59	30	N	2	bc	29.83	+6.5	25	25	-10	Z	0	bc	1	bc	35	19	*	0.03			
	Aberdeen	29.49	31	NNW	5	sq	29.87	+7.7	22	21	-12	WNW	1	bc, m	3	c, q, s	34	20	3.0	0.04			
	Leith	29.54	32	NNW	2	b	29.90	+8.1	29	27	-4	Z	0	bc	*	b	37	25	*	-			
	North Shields	29.41	35	NNW	3	o	29.92	+8.8	27	27	-10	WNW	2	b	3	chrs, o	40	26	*	0.02			
	Spurn Head	29.27	39	NNW	5	bc	29.82	+7.3	31	31	-7	NW	6	bcq	5	bc	40	30	*	-			
	Yarmouth	29.25	38	WNW	4	bc	29.76	+6.0	34	33	-6	WNW	4	c	5	bc, s	42	31	*	0.10			
	Loughborough	29.40	37	NW	3	c	29.97	+8.1	26	24	-12	WNW	3	b	*	cm, bc, b	42	25	*	-			
SPAN. PEN.	Oxford	29.54	39	NW	2	o	30.01	+7.8	29	28	-11	NW	3	b	*	o	42	28	*	-			
	London (Brixton)	29.36	42	WNW	2	o	29.94	+6.8	30	27	-10	NW	4	b	*	p, o, bc	46	30	0.6	0.01			
	The Scaw (Skagen)	29.35	34	SE	2	c	29.52	+1.7	30	29	-1	NE	3	c	1	c	34	28	*	0.04			
	Fanö	29.22	32	E	6	o	29.41	+0.7	32	31	-1	NE	4	o	*	o	36	32	*	0.08			
	Cuxhaven	29.17	35	SSW	4	o	29.35	-0.2	38	37	+9	WNW	3	o	*	o	38	29	*	0.32			
	The Helder	29.18	40	W	3	b	29.64	+4.2	39	37	0	NW	7	c	6	b	43	38	*	0.20			
	Brussels	*	*	*	*	*	29.78	+4.1	34	34	-8	NNW	3	s	*	o	45	33	*	0.32			
	Berlin	29.34	38	S	3	r	29.44	+0.8	36	35	+8	SSW	2	r	*	r	38	28	*	0.08			
SPAN. PEN.	Frankfurt	29.42	38	SW	2	o	29.63	+0.7	40	37	+2	SW	2	o	*	o	43	37	*	0.16			
	Munich	29.56	39	SW	2	b	29.66	-0.1	37	35	+2	W	6	r	*	b	41	35	*	0.20			
	C. Gris Nez	29.29	27	WSW	5	r	29.82	+5.1	34	33	-11	N	5	c	5	r	45	27	*	0.28			
	Brest	29.65	48	WNW	5	bc	29.99	+4.1	40	39	-8	N	4	c	4	bc	50	33	*	0.04			
	Lorient	29.65	45	WNW	6	r	29.95	+3.5	40	39	-6	N	5	bc	5	r	52	39	*	0.32			
	Rochefort	29.85	50	WSW	7	c	29.96	+1.0	44	44	-5	NNW	4	bc	*	c	50	43	*	0.04			
	Biarritz	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Paris	29.42	43	SW	3	o	29.84	+2.9	36	32	-8	N	2	c	*	o	50	36	*	0.08			
SPAN. PEN.	Belfort	29.54	39	SW	7	o	29.76	+0.8	37	35	-1	WSW	4	o	*	o	44	35	*	0.12			
	Lyons	29.79	43	W	1	o	29.90	+0.3	37	37	-3	N	1	r	*	o	48	37	*	0.08			
	Nice	29.74	43	Z	0	c	29.74	-0.4	44	37	+5	NE	4	c	4	c	54	39	*	-			
	Perpignan	29.89	53	NW	4	o	29.92	-0.2	49	42	-3	NW	3	c	*	o	66	47	*	-			
SPAN. PEN.	Corunna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lisbon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SPAN. PEN.	Azores (P. Delgada)	30.30	57	SSE	4	o	30.23	-1.0	57	54	+5	S	4	o	4	o	57	52	*	-			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

‡ The corresponding value in yesterday's Report should be 29.07 inches; it was erroneously reported as 29.17 inches.

WEATHER CHARTS

FOR WEDNESDAY, 29th JANUARY, 1902

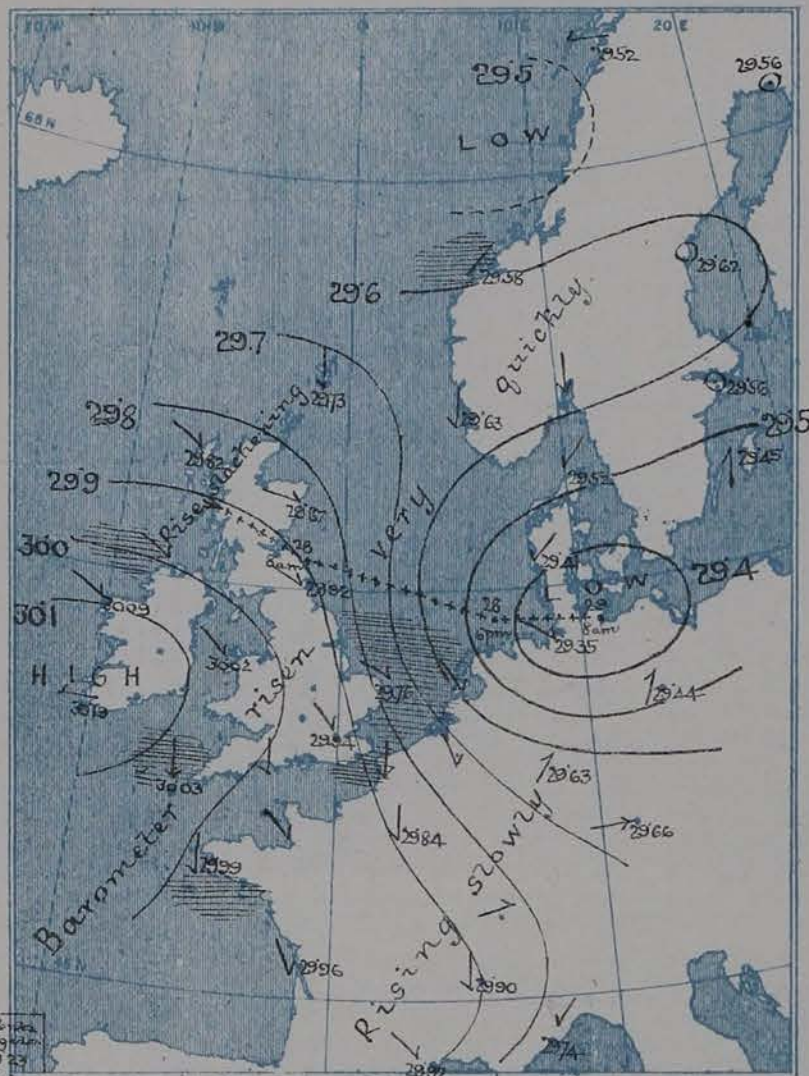
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

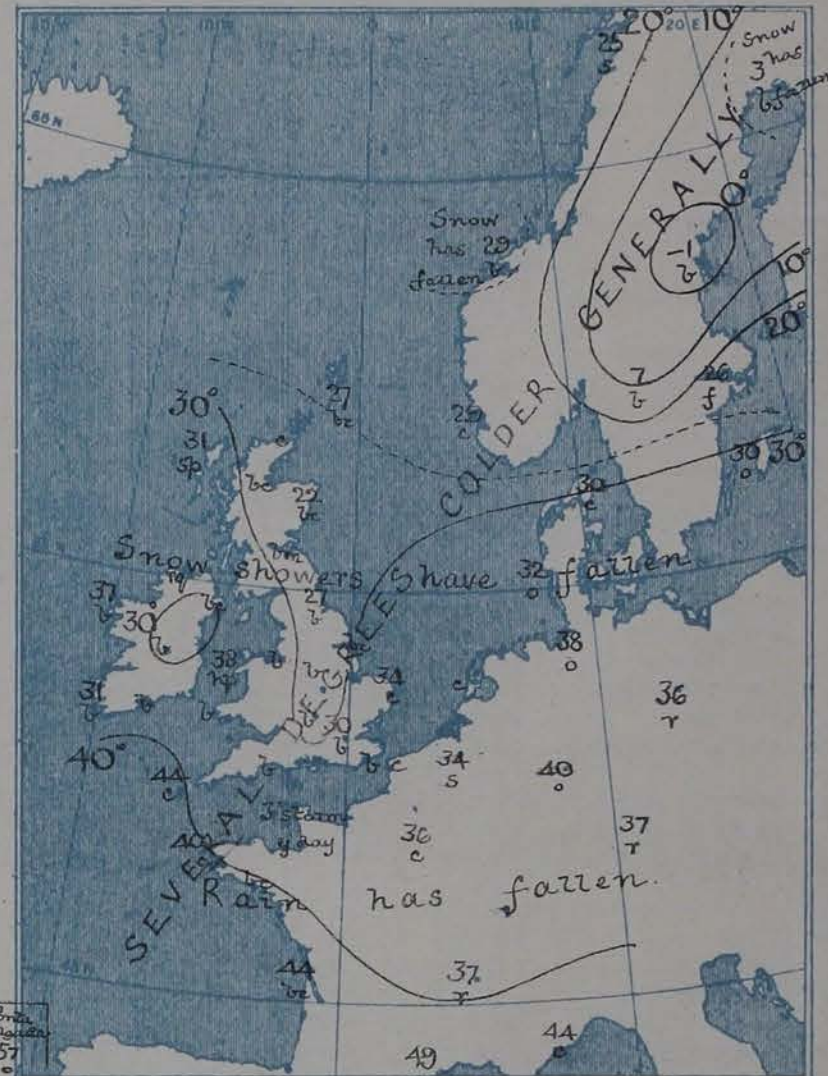


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



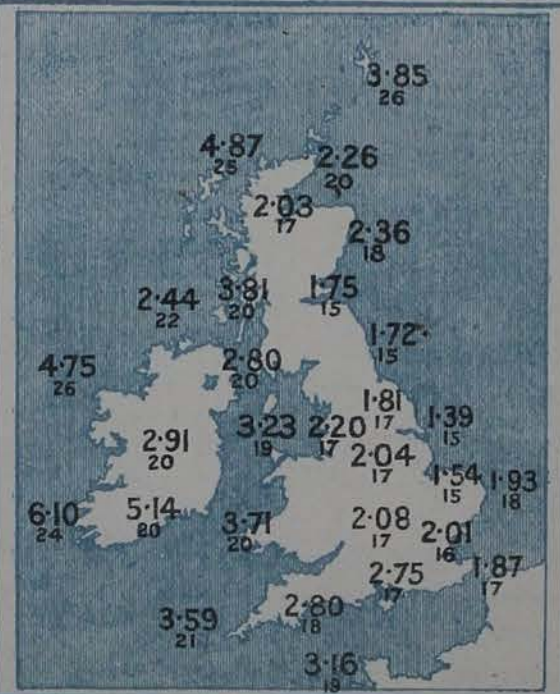
III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
(for Shields) { RAIN DAYS 15
Malin Head & Blacksod & Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period
JANUARY-FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

An anticyclone has spread from the westward over nearly the whole of these islands and the neighbouring parts of France, the highest pressures, 30.1 in. and upwards, being reported over the south of Ireland. The cyclonic disturbance of yesterday has moved away in an east-south-easterly direction, its centre being now found off the German coast, in which locality the barometer is below 29.4 in. The mercury is still rising over western Europe generally, but in the extreme north of our islands the rise is slackening.

WIND

TEMPERATURE

WEATHER

AND

SEA

Westerly winds are reported over the northern parts of the United Kingdom, but North-westerly or Northerly breezes in the south and also over France and the Netherlands; on some of the more exposed parts of our coasts the wind still blows freely or strongly. In Denmark and the south of Scandinavia moderate Northerly or North-easterly breezes are reported, but in Germany the wind is westerly or south-westerly. Temperature has fallen considerably and is now below the average over western Europe generally. Frost prevails over nearly the whole of the United Kingdom and is very sharp in the north, the morning temperatures being as low as 22° at Aberdeen and 24° at Wick and Newton Rigg (Pennith). In Sweden the frost has increased in severity, the thermometer standing at 4° below zero Falt. at Helsingfors and only 3° above it at Haparanda. The weather is fine over the greater part of our islands, France and Scandinavia; rain squalls are however, reported at Malin Hd. and snow at Stornoway, as well as at Bodø. In Denmark, Germany, the Netherlands and the east of France the weather is cloudy, with rain in several places and snow at Brussels. The sea is rather rough off the east of England and also at Malin Head and Scilly.

Snow showers fell yesterday in many parts of the United Kingdom; thunder and lightning occurred at Jersey. The amount of bright sunshine was small generally, but rather large at some of our western stations; at Scilly there was as much as 5.4 hours. During the night the sheltered thermometer fell to 19° at Raism, 20° at Aberdeen and 25° at Keith and Loughborough; at the last mentioned station an instrument on the grass fell to 26°.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The slackening of the barometric rise in the north and the return of the wind to the westward seem to point to the early approach of another disturbance towards our northern coasts. Unsettled weather is therefore likely to set in again over all the more northern parts of the United Kingdom.

FORECASTS *

For the 24 hours ending at NOON on 30th January, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	W ^h winds, increasing in force; fine at first, some rain later.
1	SCOTLAND EAST	
2	ENGLAND N.E.	W ^h winds, freshening; fine at first, doubtful later, probably some snow.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	NW ^h to W ^h winds, light or moderate; fine generally.
5	ENGLAND SOUTH	

6	SCOTLAND WEST	W ^h winds, increasing in force; fine at first, rain or snow later.
7	ENGLAND N.W.	Same as No. 2.
8	ENGLAND S.W.	N ^h to NW ^h winds, moderate; fine generally.
9	IRELAND NORTH	Same as No. 6.
10	IRELAND SOUTH	Variable breezes, finally W ^h ; fair generally.

WARNINGS

At 10.30am today to district 10, "Lower Cone".
The North Cone is still flying in districts 0, 6, 9, and part of 1.

Note.—The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌴), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*	*	*	*	b	*	b, c	45 29	1.8	—
Newton Reigny (Penrith)	29.51	32	NW 3	C	29.99 +.91	24	22	-11	20	b	*	og, c, b	35 24	0.0	—
Bath	29.41	35	W 1	O	30.05 +.83	31	29	-11	N 1	m	*	o	44 29	1.0	0.40

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	42	28	C	3.2	0.04	Worthing	*	*	*	1.4	*
Birmingham, 9 p.m.	43	33	b	2.4	0.10	Llandudno	*	*	*	0.3	*
Lowestoft, 6 p.m.	44	33	C	2.9	0.01	Rhyl	*	*	*	0.0	*
Hastings	*	*	*	2.1	*	Southport, 9 p.m.	43	32	ot, c, b	1.6	0.37
Eastbourne	*	*	*	1.3	*	Manchester, 9 p.m.	40	32	b	0.0	0.31
Brighton	*	*	*	1.5	*	Darwen, 9 p.m.	38	29	b	1.0	0.45

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) <i>not rec'd</i>	*	*	*	Ins.	Algiers	59	46	b	—
Madrid	50	28	b	—	Tunis	54	37	c	—
Corsica (I. Sanguinaires)	54	39	f	0.12	Vienna	36	25	b	—
Rome	47	42	o	—	St. Petersburg	36	27	o	—
Florence	41	39	r	0.20	27. JAN. -102		1 p.m.		Measured 7 a.m.
Trieste	43	34	C	—	Lugano	37	—	o	—
Brindisi	53	35	r	0.12	Davos	19	—	s	0.24
Naples	46	39	bc	0.04	Lucerne	34	—	s	—
Palermo	57	47	o	0.16	Lausanne	30	—	s	0.16

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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29. Jan. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.42	12.6	4.30
Greenwich	7.46	12.13	4.41
Wick	8.28	12.25	4.22
Valencia	8.28	12.54	5.20

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Thursday 30th January 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
																				Ins.	Ins.
SCANDINAVIA.	Haparanda	29.99	-17	Z	0	b	30.02	+46	-15	-18	-18	NNW	2	f	*	b	25	-17	*	-	
	Hernösand	30.01	-1	Z	0	b	30.36	+74	-6	-7	-5	Z	0	b	*	b	19	-6	*	-	
	Stockholm	29.92	28	NE	4	0	30.19	+63	27	26	+1	NNE	6	0	*	0	30	23	*	-	
	Wisby	29.71	34	E	4	r	30.00	+55	33	32	+3	NE	4	0	*	r	37	28	*	0.24	
	Karlstad	29.97	21	NW	2	0	30.34	+71	15	14	+8	NW	2	b	*	0	*	*	-	-	
	Færder (X'ania Fjord)	29.92	24	NE	5	b	30.34	+74	28	26	+4	N	6	b	2	b	28	21	*	-	
	Bodö	29.96	28	N	4	c	30.26	+74	27	25	+2	NW	6	s	2	c	28	23	*	-	
	Christiansund	30.03	24	ESE	3	b	30.50	+92	28	26	-1	SE	3	bc	5	b	29	23	*	-	
	Skudesnaes	29.95	26	Z	0	b	30.40	+77	24	22	-5	NNE	2	b	2	b	30	23	*	*	
	Sumburgh Head	30.03	30	N	4	0	30.51	+78	35	32	+8	NNE	1	c	4	bc, 0	35	26	*	-	
BRITISH ISLANDS.	Stornoway	30.22	30	NNE	4	c	30.56	+74	20	19	-11	Z	0	bc	0	sp, bc, c	33	17	4.7	0.18	
	Malin Head	30.21	38	N	5	bcq	30.55	+62	32	31	-6	S	2	b	2	bcq	41	31	*	0.02	
	Blacksod Pt.	30.25	42	WNW	3	cp	30.49	+40	42	40	+5	SE	4	0	3	cp	45	36	*	0.13	
	Valencia	30.35	42	SSW	1	bc	30.52	+33	40	38	+9	NE	1	0	3	b	45	30	6.5	0.02	
	Roche's Point	30.34	40	NW	3	b	30.57	+37	36	34	+3	N	2	b	2	b	43	32	*	-	
	Parsonstown	30.29	39	NW	1	r	30.56	+42	32	31	+7	W	1	om	*	b, r	42	25	5.0	0.08	
	Donaghadee	30.17	36	NW	3	bc	30.57	+57	35	31	+6	E	3	b	3	s, bc	39	28	*	0.08	
	Liverpool Obsy.	30.17	35	W	6	b	30.57	+53	28	27	-6	N	2	b	2	sp, b	39	28	*	-	
	Holyhead	30.19	40	WNW	6	cpq	30.56	+54	35	31	-3	NE	3	b	2	o, cpq	41	31	*	0.04	
	Pembroke (St. Ann's)	30.26	40	W	4	bc	30.52	+45	34	31	+2	ENE	4	bc	3	bc	43	32	7.4	0.03	
GERMANY, &c.	Scilly (St. Mary's)	30.29	47	NNW	4	b	30.42	+39	45	42	+1	NNW	5	c	4	bc, b	49	40	8.0	0.01	
	Jersey (St. Aubins)	30.27	38	NW	3	b	30.40	+43	39	34	+1	NNW	4	c	3	h, bc, b	42	37	7.3	0.02	
	Portland Bill	30.25	40	NW	4	b	30.43	+46	31	29	-2	N	3	b	2	b	41	31	*	-	
	Dungeness	30.16	29	WNW	1	b	30.29	+40	32	31	+2	N	5	0	2	b	37	28	*	-	
	Wick	30.12	27	N	3	c	30.55	+71	20	20	-4	WNW	1	bc	1	c	30	18	*	0.05	
	Nairn	30.21	28	Z	0	c	30.59	+76	20	20	-5	SW	1	bc	1	c	32	15	*	0.02	
	Aberdeen	30.15	27	NW	4	bcq	30.54	+67	29	27	+7	WNW	4	bcq	3	sp, bcq	30	22	1.1	0.02	
	Leith	30.18	31	W	2	b	30.56	+66	24	23	-5	WSW	1	bm	*	s, p	35	22	*	0.05	
	North Shields	30.08	31	NW	3	c	30.49	+57	30	30	+3	NW	2	0	2	s, c	34	26	*	0.09	
	Spurn Head	30.04	33	SW	3	s	30.38	+56	33	32	+2	NNW	4	cpo	3	s	37	29	*	0.03	
FRANCE.	Yarmouth	30.04	33	NW	5	eqsp	30.31	+55	35	33	+1	N	4	bc	5	eqsp	36	30	*	0.20	
	Loughborough	30.12	34	WNW	4	b	30.47	+50	28	26	+2	WNW	3	bm	*	bc, c, bm	39	26	*	-	
	Oxford	30.22	34	WNW	3	c	30.48	+47	27	26	-2	N	3	b	*	c	38	27	*	-	
	London (Brixton)	30.19	36	NNW	3	0	30.39	+45	30	27	0	NNE	3	b	*	bc, o, b	38	30	4.7	-	
	The Scaw (Skagen)	29.87	28	NE	2	0	30.22	+70	30	29	0	NE	4	0	1	0	32	27	*	-	
	Fanö	29.93	29	NW	2	b	30.20	+79	28	27	-4	NW	3	0	*	b	34	25	*	-	
	Cuxhaven	29.98	34	N	4	bc	30.17	+82	32	28	-6	N	3	c	*	bc	38	30	*	0.04	
	The Helder	29.93	39	N	5	bc	30.28	+64	35	34	-4	NNE	2	b	2	bc	39	35	*	0.04	
	Brussels	*	*	*	*	*	30.26	+48	29	28	-5	NE	1	0	*	b	39	28	*	0.28	
	Berlin	29.71	35	WSW	2	s	30.11	+67	33	32	-3	W	3	0	*	s	36	32	*	0.08	
SPAN. PEN.	Frankfurt	29.99	36	W	4	c	30.18	+55	33	32	-7	SW	2	s	*	c	41	33	*	0.04	
	Munich	29.97	33	SW	2	s	30.16	+50	30	28	-7	W	2	0	*	s	39	30	*	0.04	
	C. Gris Nez	30.15	35	N	6	c	30.21	+39	32	31	-2	ENE	6	s	6	c	41	30	*	0.04	
	Brest	30.35	37	NNE	2	b	30.44	+45	42	40	+2	N	4	bc	3	b	43	36	*	-	
	Lorient	30.28	40	NNE	5	b	30.40	+45	41	41	+1	NW	5	c	5	b	43	37	*	-	
	Rochefort	30.15	40	NNE	6	bc	30.36	+40	38	35	-6	NNE	4	0	*	bc	46	32	*	-	
	Biarritz	30.14	46	N	5	r	30.44	*	33	32	*	ENE	2	b	5	r	48	30	*	0.47	
	Paris	30.17	33	NNW	2	b	30.25	+41	31	31	-5	SW	1	0	*	b	40	27	*	0.08	
	Belfort	30.00	34	WSW	2	0	30.21	+45	25	24	-12	SW	2	m	*	0	39	25	*	0.20	
	Lyons	30.05	35	N	1	0	30.32	+42	30	28	-7	N	2	0	*	0	44	30	*	0.20	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

REPORT FOR Thursday, 30th January, 1902

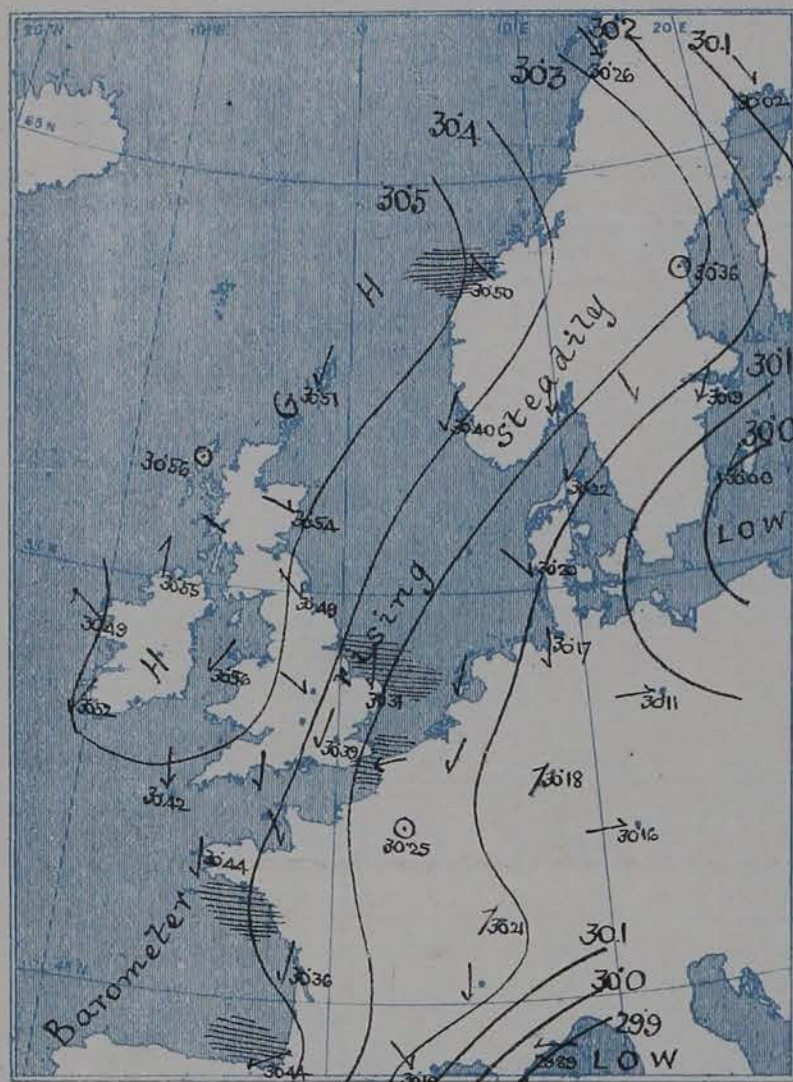
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough High

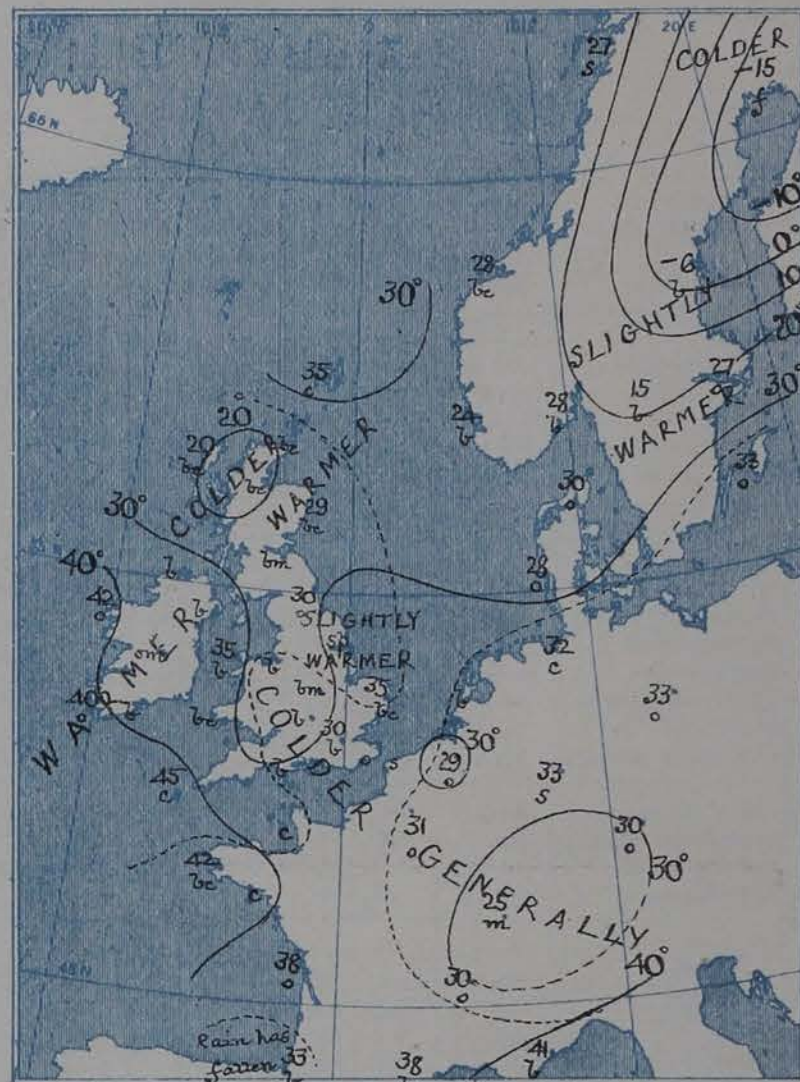


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and
NUMBER OF RAIN DAYS
in month of JANUARY (1871-1900)
Specimen { RAINFALL 1.72
(for Shields) { RAIN DAYS 15
Malin Head & Blacksod Belmullet Values are for only 15 hrs.



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JANUARY-FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

An anticyclone has spread from the Atlantic over nearly the whole of North-western Europe, the central portion of the system, with readings exceeding 30.5 in., being situated over the western and northern parts of the United Kingdom. The lowest readings, 29.9 in. and less, are found in a cyclonic area over the Gulf of Genoa, but another system with readings below 30.0 in. is travelling eastwards over the Baltic, the barometric gradient over the south of Sweden being rather steep. The mercury is at present rising steadily over the whole of our area.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light to fresh breezes from the northward are reported over England, the south of Ireland and the western parts of the Continent; in Scotland the wind is chiefly westerly, while in the north of Ireland it has shifted to south or south-east. Right westerly or south-westerly breezes are reported at most of the German stations. Temperature has risen in Ireland and also on the east coasts of Great Britain and at most of the Swedish stations, but has fallen elsewhere. Frost now prevails over nearly the whole of Great Britain and is rather severe in the north, the lowest temperature reported this morning being 20° at Stornoway, Wick, Nairn and Newton Reigny (Pennith). Slight frost is reported also in many parts of Germany and central France and very severe frost over the Gulf of Bothnia, the readings being as low as -15° Falt. at Koparanda and -6° at Herösand. The weather is fine over the greater part of our islands and in Scandinavia, but is dull in the west of Ireland; a cloudy sky is reported also in Denmark, Germany and France and snow is falling at Cape Finster and Frankfurt. The sea is slight or smooth generally, but rather rough at Yarmouth and in the Bay of Biscay.

Snow fell yesterday in many parts of the United Kingdom, the Netherlands and Germany, and rain at several of the French stations. The amount of bright sunshine was large, more than 7 hours being reported on many parts of our south and south-west coasts and as much as 8 hours at Brighton. In the course of the night the sheltered thermometers fell to a minimum of 15° at Nairn, 16° at Newton Reigny, 17° at Stornoway and 18° at Wick.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone appears to be moving eastwards and although fine cold weather is likely to continue over Great Britain for the next 24 hours, the conditions in Ireland will probably be affected shortly by cyclonic systems appearing off our west coasts.

FORECASTS *

For the 24 hours ending at NOON on 31st January, 1902

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Light variable breezes; fair, very cold, misty or foggy in places.
1	SCOTLAND EAST	
2	ENGLAND N.E.	N ⁴ to variable breezes; fair generally. Coldest.
3	ENGLAND EAST	N ³ to NE ³ winds, light; fair generally. Sharp frost tonight, with fog or mist in places.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	SE ³ to S ³ winds, light; fair generally. Rather warmer.
7	ENGLAND N.W.	NE ³ to SE ³ winds, light; fair, cold.
8	ENGLAND S.W.	N ³ to NE ³ winds, moderate; fair generally. Coldest.
9	IRELAND NORTH	E ³ to SE ³ winds, moderate or fresh; fair at first, cloudy later, with some rain in West.
10	IRELAND SOUTH	

WARNINGS

At 3.30pm yesterday to districts 0, 6, 9 and part of 1. "Lower Cone".

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	b	"	b	36 29	7.0	0.01
Newton Reigny (Penrith)	30.19	27	NW 1	bc	30.57 +.58	20	18	-4	20	b	"	omg h b	37 16	3.0	0.04
Bath	30.07	34	N 3	c	30.50 +.45	29	27	-2	N 3	m	"	c	41 29	7.2	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	38	25	b, c	5.8	—	Worthing	"	"	"	7.3	"
Birmingham, 9 p.m.	39	28	b	3.7	—	Llandudno	"	"	"	3.3	"
Lowestoft, 6 p.m.	"	"	"	"	"	Rhyl	"	"	"	3.3	"
Hastings	"	"	"	7.8	"	Southport, 9 p.m.	40	30	b, c, b	4.4	0.02
Eastbourne	"	"	"	6.8	"	Manchester, 9 p.m.	39	27	b	1.0	0.03
Brighton	"	"	"	8.0	"	Darwen, 9 p.m.	37	23	b, v	3.7	0.02

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	64	46	bc	b	Algiers	64	48	b	b
Madrid	54	43	bc	—	Tunis	57	34	c	bc
Corsica (I. Sanguinaires)	52	37	f	m	Vienna	34	32	m	o
Rome	52	48	o	o	St. Petersburg	?	?	bc	o
Florence	49	44	r	o	Lugano	37	—	b	—
Trieste	46	36	r	o	Davos	36	—	o	0.75
Brindisi	54	39	r	o	Lucerne	43	—	o	0.16
Naples	53	46	o	o	Lausanne	41	—	o	0.51
Palermo	60	42	b	m					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER, —Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

30 Jan. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.41	12.6	4.32
Greenwich	7.44	12.13	4.43
Wick	8.26	12.25	4.25
Valencia	8.27	12.54	5.22

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Friday 31st January 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
	Barom.	Temp.	Wind.				Barometer.	Temperature.	Wind.								Temp.				
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.	Sun- shine. Hours	Rainfall. Ins.	
	Ins.						Ins.	Ins.													
SCANDINAVIA.	Haparanda	30.53	-22	NW	4	b	30.67	+65	-25	-26	-10	N	2	c	*	b	21	-25	*	—	
	Hernösand	30.24	1	Z	0	b	30.73	+34	?	?	?	Z	0	o	*	b	10	-6	*	—	
	Stockholm	30.61	24	NNW	2	b	30.85	+66	19	18	-8	NNW	2	b	*	b	30	19	*	—	
	Wisby	30.49	31	N	8	b	30.77	+74	28	27	-5	N	6	o	*	b	36	24	*	—	
	Karlstad	30.78	19	NE	2	b	30.97	+63	16	15	+1	N	2	b	*	b	*	*	*	—	
	Færder (X'ania Fjord)	30.78	30	N	4	b	30.98	+64	25	23	-3	NNW	2	b	1	b	30	25	*	—	
	Bodö	30.49	31	WSW	6	s	30.61	+35	38	37	+11	SW	4	o	2	s	38	24	*	—	
	Christiansund	30.80	?	WNW	4	o	30.94	+44	39	34	+11	SW	5	o	5	o	39	28	*	0.04	
BRITISH ISLANDS.	Skudesnaes	30.86	24	NNE	2	b	31.06	+66	24	23	0	W	2	b	1	b	30	23	*	*	
	Sumburgh Head	30.76	35	Z	0	bc	30.96	+45	37	35	+2	SW	1	o	4	bc	42	32	*	0.02	
	Stornoway	30.72	32	WSW	3	b	30.95	+39	30	29	+10	Z	0	b	3	b	38	17	6.2	0.12	
	Malin Head	30.72	31	SE	3	b	30.93	+42	?	32	?	SE	3	b	2	b	38	29	*	—	
	Blacksod Pt.	30.68	41	SE	4	bc	30.86	+37	36	34	-6	ESE	3	b	3	c, bc	43	35	*	—	
	Valencia	30.64	42	E	2	b	30.79	+27	37	34	-3	ENE	1	b	3	c, b	44	36	0.6	—	
	Roche's Point	30.71	35	ESE	2	b	30.80	+23	36	33	0	ESE	4	c	3	c, b	44	32	*	—	
	Parsonstown	30.72	33	NW	1	b	30.87	+31	26	25	-6	NW	1	b	*	b	42	24	6.9	—	
GERMANY, &c.	Donaghadee	30.71	34	NW	2	b	30.89	+32	38	35	+3	SE	3	b	4	b	39	30	*	—	
	Liverpool Obsy.	30.74	33	NNW	1	b	30.89	+32	34	33	+6	NE	2	b	?	b	36	28	*	—	
	Holyhead	30.73	36	NE	1	b	30.88	+32	37	35	+2	E	4	c	3	b	38	31	*	—	
	Pembroke (St. Ann's)	30.68	37	NE	4	b	30.74	+22	35	32	+1	NE	4	c	3	b	39	32	7.7	—	
	Scilly (St. Mary's)	30.59	41	NE	5	bc	30.61	+19	40	35	-5	ENE	6	bc	3	bc	45	34	5.4	—	
	Jersey (St. Aubins)	30.50	39	NE	5	bc	30.50	+10	39	35	0	ENE	7	bc	5	g, bc, q, s	41	34	7.5	0.09	
	Portland Bill	30.58	35	NNE	3	bm	30.61	+18	36	34	+5	NE	5	og	4	bm	38	31	*	—	
	Dungeness	30.50	35	NE	4	csp	30.58	+29	39	37	+1	E	6	c	5	c, sp, q, h	39	31	*	0.30	
FRANCE.	Wick	30.76	18	Z	0	b	31.00	+45	30	30	+10	SSE	1	b	0	b	33	16	*	—	
	Nairn	30.79	17	Z	0	b	31.00	+41	15	15	-5	Z	0	b	1	b	32	8	*	—	
	Aberdeen	30.81	28	NW	2	b	31.05	+51	15	15	-14	NW	2	bc	1	b	34	14	5.7	—	
	Leith	30.78	34	Z	0	m	31.00	+44	21	21	-3	Z	0	f	*	m	36	19	*	—	
	North Shields	30.72	36	NNW	1	c	30.96	+47	39	39	+9	NE	2	bc	3	c	39	29	*	—	
	Spurn Head	30.65	37	NNE	5	bc	30.85	+47	38	35	+5	E	6	bc	4	bc	41	31	*	—	
	Yarmouth	30.53	36	NE	6	og	30.74	+43	37	35	+2	ENE	7	cg	6	og, s	37	31	*	0.06	
	Loughborough	30.66	33	N	2	b	30.84	+37	35	32	+7	NE	3	cm	*	bc, sp, s	38	28	*	0.01	
GERMANY, &c.	Oxford	30.69	32	NE	2	b	30.75	+27	35	33	+8	NE	3	og	*	sp, b	40	27	*	0.01	
	London (Brixton)	30.57	35	NE	4	o	30.70	+31	36	34	+6	NE	6	og	*	bc, b, og	38	30	1.5	—	
	The Scaw (Skagen)	30.75	31	NE	4	b	30.95	+73	33	32	+3	NE	2	bc	0	b	32	27	*	—	
	Fanö	30.73	24	N	4	b	30.96	+76	22	21	-6	NNE	2	b	*	b	30	21	*	—	
	Cuxhaven	30.48	33	N	4	o	30.88	+71	28	27	-4	ENE	4	b	*	o	34	24	*	—	
	The Helder	30.50	37	NE	3	o	30.79	+51	33	32	-2	ENE	6	c	4	o	39	33	*	—	
	Brussels	*	*	*	*	*	30.60	+34	32	32	+3	NE	5	o	*	b	37	24	*	—	
	Berlin	30.45	33	W	2	o	30.76	+65	34	33	+1	NE	3	o	*	o	36	30	*	—	
FRANCE.	Frankfurt	30.47	32	NE	2	b	30.55	+37	30	27	-3	NE	4	b	*	b	34	28	*	0.04	
	Munich	30.30	28	SE	4	b	30.34	+18	30	28	0	E	6	c	*	b	34	27	*	0.04	
	C. Gris Nez	30.48	32	ENE	6	s	30.55	+34	32	31	0	E	6	o	6	s	41	28	*	0.35	
	Brest	30.54	37	NE	3	bc	30.49	+05	34	34	-8	ENE	3	+	3	bc	43	34	*	0.08	
	Lorient	30.47	39	NE	5	b	30.38	-02	35	32	-6	NE	6	b	4	b	45	34	*	—	
	Rochefort	30.24	37	NE	4	o	30.17	-14	33	32	-5	NE	4	o	*	o	43	32	*	0.04	
	Biarritz	30.25	45	NE	4	o	30.13	-31	34	29	+1	E	5	o	4	o	?	?	*	0.39	
	Paris	30.41	30	N	2	b	30.38	+13	29	27	-2	NE	4	b	*	b	35	28	*	—	
SPAN. PEN.	Belfort	30.23	30	ENE	6	bc	30.12	-09	30	28	+5	ENE	8	o	*	bc	35	25	*	—	
	Lyons	30.16	30	NNW	2	o	30.01	-31	31	30	+1	NNW	2	o	*	o	34	30	*	0.04	
	Nice	29.80	45	E	4	o	29.78	-11	43	37	+2	NE	6	o	5	o	50	36	*	0.08	
	Perpignan	30.08	36	W	4	b	29.90	-26	34	29	-4	NW	5	o	*	b	43	33	*	—	
SPAN. PEN.	Corunna																				
	Lisbon																				
	Azores (P. Delgada)																				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Friday, 31st January, 1902

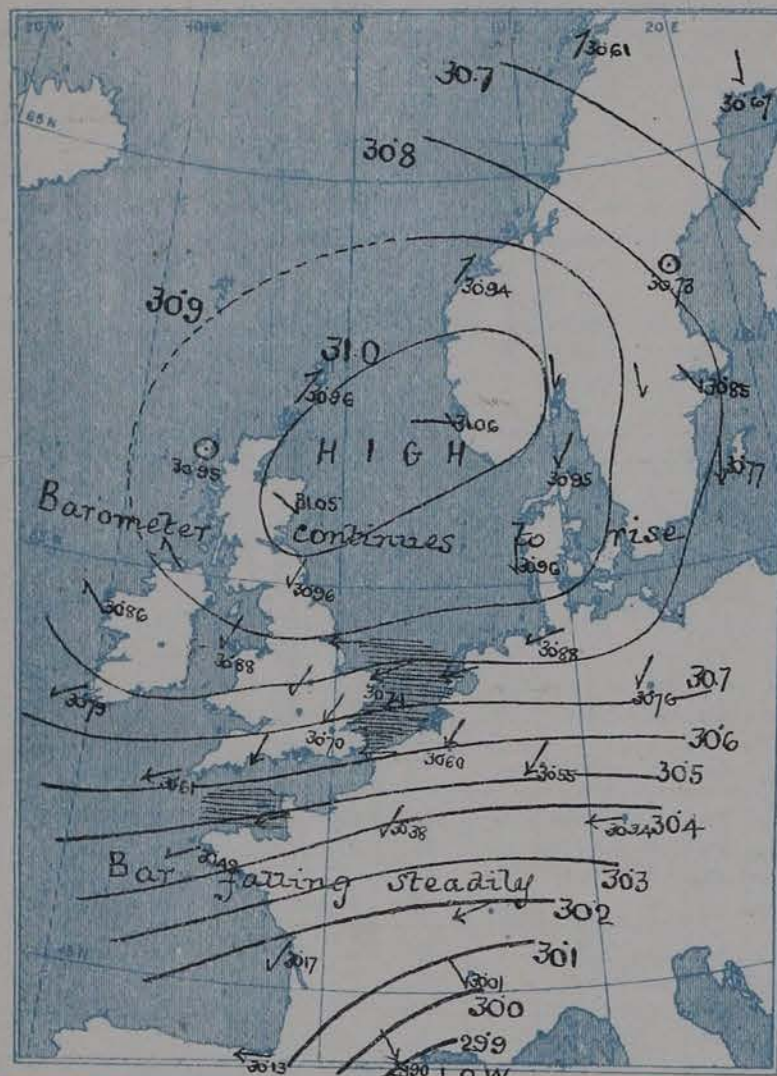
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → Force 1 to 4 → Calm ☉

SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—(A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6)



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JANUARY (1871-1900)

Specimen { RAINFALL 1.72
(for Shields) { RAIN DAYS 15
Malin Head & Blacksod & Belmullet Values are for only 15 Yrs.



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period
JANUARY-FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone noticed over north-western Europe yesterday has continued to spread eastwards and has increased greatly in intensity. In the east of Scotland and the south of Norway the barometer has risen above 31.0 ins. the highest readings reported being 31.06 ins. at Skudenes and 31.05 ins. at Aberdeen. The mercury is still rising over all the more northern parts of our area, but is falling in France, the lowest readings, 29.9 ins. and less, being reported in the south of that country. Over France, Germany, the Netherlands and the south of England the barometric gradients are rather steep and are increasing.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is E³ or N.E³ over the whole of England, the south of Ireland and the western parts of the Continent, and blows very strongly on our own south and east coasts. In Scotland, calms or light variable airs are reported, and in the west of Norway moderate S.W³ breezes, while in Sweden and Denmark the wind is chiefly N³. Temperature has risen several degrees over England and also in the north of Scotland and the west of Norway, but has fallen elsewhere. Over the eastern and central parts of Scotland the frost has intensified, the reading at Nairn and Aberdeen being now as low as 15°; over England and the south of Ireland the readings are mostly above 35°, the highest reported being 40° at Scilly. Slight frost prevails in France and Germany and hard frost in Sweden; at Haparanda the thermometer stands 25° below zero Falt. The weather is fair or fine over western Europe as a whole, but is cloudy at many stations in France and the south of England, with rain at Brest. The sea is rough or rather so on several parts of our eastern and southern coasts, but moderate or slight elsewhere.

Snow or sleet has fallen in many parts of England - rather heavily at Dungeness and also in the Shetlands and Hebrides. The amount of bright sunshine was however, large; more than 7 hours being recorded on many parts of the English and Welsh coasts and as much as 7.9 hours at Southport. During the past night the thermometer has fallen to a minimum of 8° at Nairn, 14° at Aberdeen and 19° at Leith.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The present changes - a continued rise of the barometer in the north and a falling barometer in France - are likely to lead to a further increase in the gradient over our southern districts, and easterly or north-easterly gales are probable on most parts of our south and east coasts.

FORECASTS *

For the 24 hours ending at NOON on 1st February, 1902

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Calms or light variable airs; very cold, fair generally, but foggy or misty in places.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E ³ winds, increasing in force; fair at first, some rain later.
3	ENGLAND EAST	Same as no. 5.
4	MIDLAND COUNTIES	NE ³ winds, strong; cloudy, slight rain in places.
5	ENGLAND SOUTH	E ³ + NE ³ winds, increasing to a gale; squally, some cold showers.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as nos 0+1.
7	ENGLAND N.W.	E ³ + NE ³ winds, freshening; fair generally.
8	ENGLAND S.W.	Same as no. 5.
9	IRELAND NORTH	E ³ + SE ³ winds, moderate; fair generally.
10	IRELAND SOUTH	Same as no. 7.

WARNINGS

At 7.10 pm yesterday to district 5 + part of 8, and at 10 am. this morning to district 3. "Hoist North Cone."

Note.—The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌶), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	.	.	.	.	.	.	.	.	.	.	c	.	b.c	38	30	7.0	0.06
Newton Reigny (Penrith)	30.76	27	Z 0	bc	30.96	+ .39	27	26	+7	NE 1	b	.	bc	34	20	6.3	—
Bath	30.60	33	N 1	0	30.71	+ .21	36	34	+7	NE 5	c	.	0	36	29	6.0	—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	36	27	b.c	4.9	—	Worthing	.	.	.	6.9	.
Birmingham, 9 p.m.	35	25	b	2.8	—	Llandudno	.	.	.	8.0	.
Lowestoft, 6 p.m.	38	30	cq	5.9	0.20	Rhyl	.	.	.	5.3	.
Hastings	.	.	.	7.0	.	Southport, 9 p.m.	37	26	b	7.9	—
Eastbourne	.	.	.	7.1	.	Manchester, 9 p.m.	37	24	b	3.3	—
Brighton	.	.	.	6.3	.	Darwen, 9 p.m.	35	21	bc	4.7	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE. F		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. F		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	64	50	bc	bc	Algiers	66	48	c	r
Madrid	54	30	c.	—	Tunis	59	39	bc	0
Corsica (I. Sanguinaires)	52	39	f.	f.	Vienna	45	34	bc	0
Rome	57	47	o.	r.	St. Petersburg	28	21	s	5
Florence	53	41	o	0	29 Jan -/02				
Trieste	46	36	bc	0	Lugano	39	—	b	—
Brindisi	60	46	o	0	Davos	27	—	c	0.04
Naples	57	48	o	0	Lucerne	39	—	o	0.16
Palermo	62	38	b	m	Lausanne	39	—	b	0.12

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

31 Jan., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.40	12.7	4.34
Greenwich	7.43	12.14	4.45
Wick	8.24	12.26	4.28
Valencia	8.26	12.35	5.24

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.	Force (0 to 12).	Weather.	BAROMETER.	TEMPERATURE.			WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Weather.	TEMP.		Sun-shine.	Rainfall.		
								At 8 ³⁰ and M.S.L.	Dry Bulb.	Wet Bulb.						Change since Yesterday.	Max.			Min.	
		Ins.	°	Dir.			Ins.	Ins.	°	°	°	Dir.						Hours.	Ins.		
1.	C. Gris Nez	30.00	49	SW	6	o	29.88	-11	50	49	0	W	5	o	6	o	52	46	-	0.04	
	Corunna	30.12	58	S	4	bc	30.16	-11	54	52	?	S	4	o	5	bc	61	50	-	-	
	Lisbon	30.30	50	NNE	1	o	30.36	+0.9	45	44	-4	NNE	3	o	-	o	55	45	-	-	
2.	C. Gris Nez	29.71	50	SW	6	r	29.84	-5.4	50	48	0	WSW	7	o	7	r	54	48	-	0.35	
	Corunna	30.16	57	SSW	6	bc	30.24	+0.8	58	55	+4	SW	4	o	6	bc	59	54	-	-	
	P. Delgada	30.31	55	NNE	2	o	30.30	+0.7	59	55	+2	ESE	3	o	3	o	62	52	-	-	
3.	Corunna	30.32	60	SW	4	o	30.43	+1.9	52	50	-6	SW	2	o	5	o	63	48	-	-	
	P. Delgada	30.28	62	SE	3	bc	30.24	-0.6	62	61	+3	SE	3	m	4	bc	64	55	-	-	
4.	Corunna	30.39	57	?	2	bc	30.32	-11	46	45	-6	SW	2	f	5	bc	63	43	-	-	
	P. Delgada	30.47	63	SSE	1	o	30.35	+11	54	53	-8	NNE	5	r	5	o	66	54	-	0.08	
5.	Corunna	30.30	67	NW	2	o	30.51	+19	57	?	+11	N	4	f	5	o	57	46	-	-	
	Newton Reigny	29.61	63	W	6	o	29.92	+26	40	38	-5	W	4	bc	-	o	46	39	0.1	0.09	
6.	Corunna	30.55	54	NE	3	o	30.63	+12	50	46	-7	NE	1	o	6	o	57	45	-	-	
7.	Corunna	30.54	54	NE	4	o	30.51	-12	43	39	-7	E	1	o	6	o	55	37	-	-	
	Lisbon	30.36	50	NNE	5	bc	30.44	+12	46	?	0	ENE	4	o	-	bc	57	46	-	-	
	P. Delgada	30.26	57	NE	2	c	30.18	-16	54	51	-2	NE	1	o	2	c	63	54	-	-	
8.	Biarritz	30.60	43	ENE	3	o	30.53	+0.5	40	?	+5	E	2	o	2	o	46	35	-	-	
	Corunna	30.50	55	E	1	o	30.44	-0.7	41	39	-2	E	1	c	6	o	55	37	-	-	
9.	Stornoway	29.90	47	SW	5	c	29.44	-5.9	48	47	-1	WSW	5	htrp	8	o,c	51	44	1.4	0.28	
	Corunna	30.43	59	E	1	c	30.49	+0.5	43	39	+2	E	1	c	5	c	59	37	-	-	
10.	Stornoway	29.32	44	NW	8	o	29.66	+2.2	38	35	-10	W	4	ohtrp	4	htrg.o	48	36	1.0	0.43	
	Corunna	30.43	57	E	1	o	30.57	+12	41	37	-2	E	2	f	?	o	59	36	-	-	
	P. Delgada	29.93	62	S	7	o	29.74	-4.3	59	56	-3	W	5	r	?	o	64	59	-	0.24	
11.	Stornoway	29.81	35	NW	6	o	30.11	+4.5	32	32	-6	NW	3	o	5	o	39	28	0.8	0.02	
	Corunna	30.28	58	E	1	o	30.17	-20	46	43	+5	ESE	2	c	3	o	59	41	-	-	
	P. Delgada	29.99	54	NW	4	bc	29.97	+2.3	54	48	-5	WNW	4	r	6	bc	63	54	-	0.08	
12.	Newton Reigny	30.19	35	Z	0	o	30.00	-13	33	33	0	NW	2	o	-	omgr	35	31	0.0	0.21	
13.	Stornoway	30.15	36	NNW	5	o	30.39	+5.3	31	29	-3	NNN	3	o	3	o	37	29	0.0	0.12	
	Corunna	30.00	59	S	4	o	30.09	+0.7	50	46	0	SSE	3	o	3	o	59	45	-	-	
	Lisbon	30.12	55	SSW	2	c	30.18	+0.5	51	51	-2	ESE	1	o	c	o	59	50	-	-	
	P. Delgada	30.02	55	NNW	2	bc	29.97	-0.6	56	50	0	WSW	4	o	4	bc	61	54	-	0.08	
14.	Stornoway	30.51	31	NNE	2	o	30.59	+2.0	26	26	-5	WSW	2	o	2	hsp	32	24	1.4	0.02	
	Corunna	30.12	59	SSE	1	bc	30.27	+1.8	50	46	0	SSE	1	o	3	bc	59	45	-	-	
	Lisbon	30.11	55	ESE	3	o	30.19	+0.6	52	51	+1	NE	3	o	-	o	57	51	-	0.04	
	P. Delgada	29.81	57	NNW	5	bc	29.76	-2.1	56	54	0	NNE	5	r	-	bc	59	54	-	0.35	
15.	Corunna	30.32	51	SSE	1	f	30.60	+3.3	51	47	+1	SE	2	o	3	f	59	46	-	-	
	Stornoway	30.54	38	WSW	4	o	30.31	-23	45	44	+19	W	5	o	5	bc	46	25	3.2	0.23	
	P. Delgada	29.91	67	ENE	5	o	29.93	+1.7	56	53	0	E	5	r	5	o	61	54	-	0.08	
16.	Stornoway	30.30	49	W	8	o	30.41	+1.0	47	46	+2	WNW	4	r	4	o	50	40	0.0	-	
	Biarritz	30.84	37	E	1	o	30.85	+1.8	30	?	-9	E	3	bc	2	o	41	28	-	-	
	Corunna	30.59	?	?	?	?	30.64	+0.4	37	36	-14	E	1	f	2	?	52	36	-	-	
17.	Stornoway	30.48	49	W	3	o	30.36	-0.5	45	43	-2	SW	2	o	2	o	51	44	0.0	0.22	
	Nice	30.31	41	SW	2	bc	30.22	-3.6	44	?	+9	NE	1	c	2	bc	48	35	-	-	
	Corunna	30.60	59	N	1	o	30.41	-23	39	37	+2	E	1	f	2	o	61	36	-	-	
18.	Stornoway	30.25	45	WSW	1	o	30.19	-17	44	42	-1	SW	2	o	2	o	48	42	0.0	0.01	
19.	Newton Reigny	30.34	32	Z	0	o	30.26	-17	39	38	+9	SSW	3	o	4	om, bc, o	42	29	0.9	-	
	Stornoway	30.11	45	WSW	4	o	29.90	-2.9	43	42	-1	WSW	4	o	4	o	48	40	0.2	0.10	
20.	Stornoway	29.64	49	WSW	8	r	29.75	-15	38	37	-5	WNW	2	o	2	r	51	37	0.0	0.94	
	Corunna	30.41	54	E	1	o	30.45	+0.4	37	36	-4	NE	1	f	3	o	54	32	-	-	
	Lisbon	30.38	54	Z	0	o	30.40	+0.1	46	46	-2	NNE	4	o	-	o	57	46	-	-	
21.	Stornoway	29.91	40	W	1	c	29.99	+2.4	37	37	-1	Z	0	bc	1	c	47	34	3.0	0.01	
	Corunna	30.43	50	NE	1	o	30.45	0.0	37	36	0	NE	1	f	3	o	50	32	-	-	
22.	P. Delgada	30.58	58	N	3	f	30.28	+11	53	51	-2	N	3	m	3	f	61	52	-	-	
	Corunna	30.45	50	NE	6	f	30.34	-11	39	37	+2	NE	1	f	3	f	52	36	-	-	
23.	Stornoway	30.51	45	S	2	o	29.66	-35	50	48	+6	WSW	7	r	7	o	51	42	0.4	0.01	
	Corunna	30.31	54	NE	1	f	30.14	-20	41	38	+2	NE	1	f	2	f	54	37	-	-	
24.	Stornoway	29.42	48	WSW	8	r	29.04	-62	38	37	-12	W	1	r	1	r	51	36	0.0	0.73	
	Corunna	30.05	59	ESE	2	o	30.05	-0.9	54	51	+13	W	3	o	3	o	61	41	-	-	
	Lisbon	30.16	50	NNW	1	f	30.21	+0.1	44	43	+2	NNE	3	f	-	f	54	42	-	-	
25.	P. Delgada	30.38	55	NNE	4	bc	30.43	+0.4	54	46	-8	NE	5	o	4	bc	57	52	-	-	
	Corunna	30.09	53	W	3	c	30.06	+0.1	50	48	-4	NN	7	o	7	c	55	46	-	-	
	Lisbon	30.21	54	NNW	4	o	30.25	+0.4	50	47	+6	NW	2	bc	2	o	57	44	-	-	
26.	Spurn Head	29.17	38	W	5	c	29.59	+5.2	33	32	-1	WSW	6	bc	6	cgs	39	31	-	-	
	Newton Reigny	29.29	32	NW	4	c	29.69	+6.2	26	24	+3	WNW	3	o	-	c, s, b	36	23	1.8	0.01	
27.	Sumburgh. Id.	29.37	31	WNW	5	c	29.41	+4.0	25	25	-7	ENE	2	s	5	o, c	34	24	-	0.04	
	Nice	29.83	40	NW	6	o	29.93	+3.5	36	28	-2	ENE	1	o	3	o	48	32	-	-	
	Corunna	30.32	53	WNW	2	bc	30.29	0.0	46	45	-4	SW	4	f	7	bc	54	43	-	0.04	
	Lisbon	30.31	48	NNE	4	o	30.32	-0.2	42	40	-6	NNNE	4	o	-	o	55				

REPORTS FOR JANUARY, 1902.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY. (continued)

[illegible]