

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.	1871- 1900.	1880-1900.	Days with Rain.	Total Fall.	Average Duration.	Per cent possib.
Sumburgh Head	(Inches.) 29.802	39.5	38.1	42.8	36.3	52	1898	19	1891	26	(Inches.) 3.85	(Hours.) —	—	—	
Stornoway	29.709	39.3	38.4	43.1	34.2	55	1890	11	1881	25	4.87	29.7	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	[56]*	[1890]	[25]*	[1893]	[26]*	[4.75]*	—	—	—	
Valencia	29.912	44.2	42.7	49.1	39.9	56	1876, 78	20	1894	24	6.10	54.5	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	21	—	
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	22	—	
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	25	—	
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	38.1	36.8	42.3	33.1	60	1898	— 4	1881	20	2.26	—	—	—	
Nairn	29.763	37.1	35.6	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	23	—	
Leith	29.837	38.4	37.0	44.1	33.6	58	1898	9	1881	15	1.75	—	—	—	
North Shields	29.885	38.1	36.8	43.0	33.8	58	1880, 98	6	1881	15	1.72	—	—	—	
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	18	—	
LONDON	30.004	37.5	36.4	43.8	33.6	58	1876	9	1881	16	2.01	18.4†	7†	—	
Sumburgh Head	29.759	38.6	37.2	42.2	34.4	51	1887, 91	17	1895	21	3.09	—	—	—	
Stornoway	29.766	39.0	38.0	43.8	34.2	55	1891	12	1892	21	3.84	62.8	24	—	
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	27	—	
Roche's Point	29.924	43.1	41.6	48.3	39.6	56	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	68.0	25	—	
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	1878	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	28	—	
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	33	—	
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	—	—	—	
Wick	29.787	37.7	36.4	43.0	32.8	59	1878	2	1895	17	2.06	—	—	—	
Nairn	29.806	38.6	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	29	—	
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	25	—	
LONDON	29.994	38.3	37.0	45.8	34.7	66	1899	10	1895	14	1.69	32.8†	12†	—	
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	29	—	
Malin Head	29.834	41.1	39.5	46.4	38.5	[62]*	[1894]	[26]*	[1886]	[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	36	—	
Roche's Point	29.930	43.4	41.5	49.7	39.6	61	1899	27	1890	14	3.26	—	—	—	
Parsonstown	29.920	39.9	38.5	49.8	34.5	66	1894	18	1891	16	2.23	110.8	30	—	
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	—	—	—	
Pembroke	29.926	42.2	40.6	46.6	39.1	58	1872, 99	26	1888	17	2.21	135.2	37	—	
Scilly	29.942	46.1	44.2	49.7	42.3	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	42	—	
Portland Bill†	[30.005]	[39.2]	[37.5]	[45.4]	[34.4]	—	—	—	—	[12]	[1.03]	—	—	—	
Dungeness	29.927	40.8	39.3	46.7	36.6	59	1894, 96	13	1890	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	33	—	
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	38.6	45.3	35.3	62	1894, 99	18	1893	15	1.72	—	—	—	
Loughborough	29.922	38.4	36.8	49.7	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	1890	13	1.47	116.8	32	—	
LONDON	29.942	40.1	38.1	50.1	35.3	71	1871	15	1890	13	1.49	68.0†	19†	—	

* 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 Saturday 1st February 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.	Dirac.	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.	Sun- shine. Hours	Rainfall. Ins.		
																				Ins.	Ins.
SCANDINAVIA.	Haparanda	30.60	4	SSE	2	S	30.39	-28	35	35	+160	W	2	0	*	S	35	-33	*	0.24	
	Hernösand	30.80	35	Z	0	0	30.40	-03	40	39	?	Z	0	0	*	b	40	1	*	-	
	Stockholm	30.92	24	Z	0	0	30.84	+02	27	?	+8	SW	2	0	*	0	28	18	*	-	
	Wisby	30.88	31	N	6	0	30.91	+14	25	24	-3	E	2	bc	*	0	36	25	*	-	
	Karlstad	30.98	24	NW	2	0	30.91	-06	26	25	+10	NW	2	b	*	0	*	*	*	-	
	Færder (X'ania Fjord)	30.04	29	NNW	1	b	30.97	-01	30	26	+5	NNW	1	b	1	0	30	25	*	-	
	Bodö	30.56	41	SW	6	r	30.63	+02	40	40	+2	SW	6	r	4	r	41	36	*	0.35	
	Christiansund	31.02	39	WSW	6	0	31.05	+11	40	38	+1	WSW	5	0	6	0	41	37	*	-	
	Skudesnaes	31.10	29	Z	0	b	31.00	-06	26	24	+2	Z	0	b	0	b	32	23	*	*	
		Sumburgh Head	31.05	33	Z	0	c	31.04	+08	34	32	-3	NNE	1	b	4	b,c	44	29	*	-
BRITISH ISLANDS.	Stornoway	31.03	31	Z	0	b	31.02	+07	22	22	-8	Z	0	b	0	b	42	17	6.2	-	
	Malin Head	30.93	38	SE	4	b	30.90	-03	38	35	?	ESE	5	bm	3	b	39	31	*	-	
	Blackod Pt.	30.86	39	E	4	b	30.82	-04	38	35	+2	E	4	b	3	bc,b	41	35	*	-	
	Valencia	30.73	38	NE	4	bm	30.63	-16	36	32	-1	ENE	6	bm	4	bm	41	35	7.1	-	
	Roche's Point	30.78	40	ENE	4	bc	30.70	-10	37	34	+1	E	3	bc	3	bc	43	33	*	-	
	Parsonstown	30.83	36	E	4	b	30.74	-10	35	33	+9	E	2	b	*	b	40	25	4.6	-	
	Donaghadee	30.94	41	ESE	5	bc	30.84	-02	40	37	+2	ESE	6	b	5	bc	41	37	*	-	
	Liverpool Obsy.	30.88	37	NE	5	b	30.83	-06	35	33	+1	NE	4	b	?	b	38	34	*	-	
	Holyhead	30.84	38	E	6	b	30.83	-05	36	34	-1	E	5	b	4	bc,b	39	34	*	-	
	Pembroke (St. Ann's)	30.66	38	NE	5	b	30.64	-10	36	33	+1	ENE	6	b	4	b	41	33	6.4	-	
GERMANY, &c.	Scilly (St. Mary's)	30.51	40	ENE	7	c	30.46	-15	38	32	-2	ENE	7	bc	5	c	42	32	0.8	-	
	Jersey (St. Aubins)	30.35	40	ENE	9	cm	30.37	-13	37	32	-2	ENE	8	bm	6	gem	40	35	2.2	-	
	Portland Bill	30.56	37	ENE	7	ag	30.55	-06	33	33	-3	NE	6	bg	6	g,ag	38	33	*	-	
	Dungeness	30.55	39	ENE	9	c	30.55	-03	37	34	-2	E	9	b	7	c,ag	39	34	*	-	
	Wick	31.06	16	Z	0	b	31.03	+03	12	12	-18	Z	0	b	0	b	32	12	*	-	
	Nairn	31.08	18	Z	0	b	31.04	+04	10	10	-5	Z	0	b	1	b	33	7	*	-	
	Aberdeen	31.10	24	NW	2	b	31.04	-01	19	18	+4	NW	2	b	1	bm,b	28	15	4.5	-	
	Leith	31.03	34	Z	0	b	30.98	-02	36	35	+15	NE	2	0	*	b	38	20	*	-	
	North Shields	30.99	40	ENE	3	bc	30.92	-04	40	38	+1	NNE	2	0	3	b,bc	43	37	*	-	
		Spurn Head	30.86	37	ENE	6	b	30.80	-05	38	36	0	ENE	5	cv	4	b	40	35	*	-
FRANCE.	Yarmouth	30.73	37	ENE	7	bc	30.70	-04	36	34	-1	ENE	7	b	6	bg,ag	38	34	*	-	
	Loughborough	30.83	34	E	4	b	30.79	-05	33	31	-2	NE	3	bm	*	cm,bc,b	40	32	*	-	
	Oxford	30.74	33	NE	3	b	30.71	-04	32	31	-3	NE	4	bg	*	c,b	39	32	*	-	
	London (Brixton)	30.68	35	NE	7	b	30.65	-05	33	31	-3	ENE	6	b	*	sdb,bc,b	38	32	0.0	-	
	The Scaw (Skagen)	31.01	33	NNE	1	b	30.94	-01	33	33	0	NE	1	c	0	b	34	32	*	-	
	Fanö	31.02	24	NE	2	b	30.93	-03	25	24	+3	NNE	2	bc	*	b	30	21	*	-	
	Cuxhaven	30.93	31	ENE	4	b	30.83	-05	29	27	+1	E	5	b	*	b	32	27	*	-	
	The Helder	30.80	33	ENE	7	b	30.74	-05	32	31	-1	ENE	4	bc	3	b	34	30	*	-	
	Brussels	*	*	*	*	*	30.57	-03	25	24	-7	NE	5	b	*	b	36	25	*	-	
	Berlin	30.83	31	NE	4	c	30.72	-04	29	26	-5	ENE	4	bc	*	c	34	28	*	-	
SPAN. PEN.	Frankfurt	30.60	33	E	6	bc	30.49	-06	27	24	-3	NE	6	b	*	bc	39	27	*	-	
	Munich	30.40	29	E	6	c	30.24	-10	21	19	-9	E	7	s	*	c	34	19	*	0.04	
	C. Gris Nez	30.52	35	E	8	0	30.50	-05	30	30	-2	ENE	6	bc	6	0	36	28	*	-	
	Brest	30.29	39	NE	6	c	30.28	-21	38	35	+4	NE	4	c	4	c	41	27	*	-	
	Lorient	30.22	35	NE	5	bc	30.21	-17	34	32	-1	NE	6	b	4	bc	42	28	*	-	
	Rochefort	30.08	35	SE	5	0	30.02	-15	33	32	0	NE	6	0	*	0	36	30	*	-	
	Biarritz	30.08	34	ENE	3	0	30.02	-11	34	32	0	S	3	0	3	0	36	32	*	-	
	Paris	30.31	36	NE	5	b	30.32	-06	29	26	0	NE	5	b	*	b	39	29	*	-	
	Belfort	30.13	32	ENE	8	bc	30.02	-10	26	24	-4	ENE	8	0	*	bc	34	26	*	-	
	Lyons	30.08	34	NW	1	bc	29.88	-13	31	29	0	NNW	1	0	*	bc	36	30	*	-	
Nice	29.87	45	NE	7	0	29.67	-11	39	39	-4	E	3	r	5	0	46	37	*	1.34		
Perpignan	29.95	37	NW	3	0	29.82	-08	36	32	+2	NW	3	0	*	0	44	32	*	0.88		
SPAN. PEN.	Corunna																				
	Lisbon	30.04	41	N	4	b	30.03	-08	33	32	-8	NNE	4	b	*	b	46	32	*	-	
	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 *Saturday 1st February, 1902*

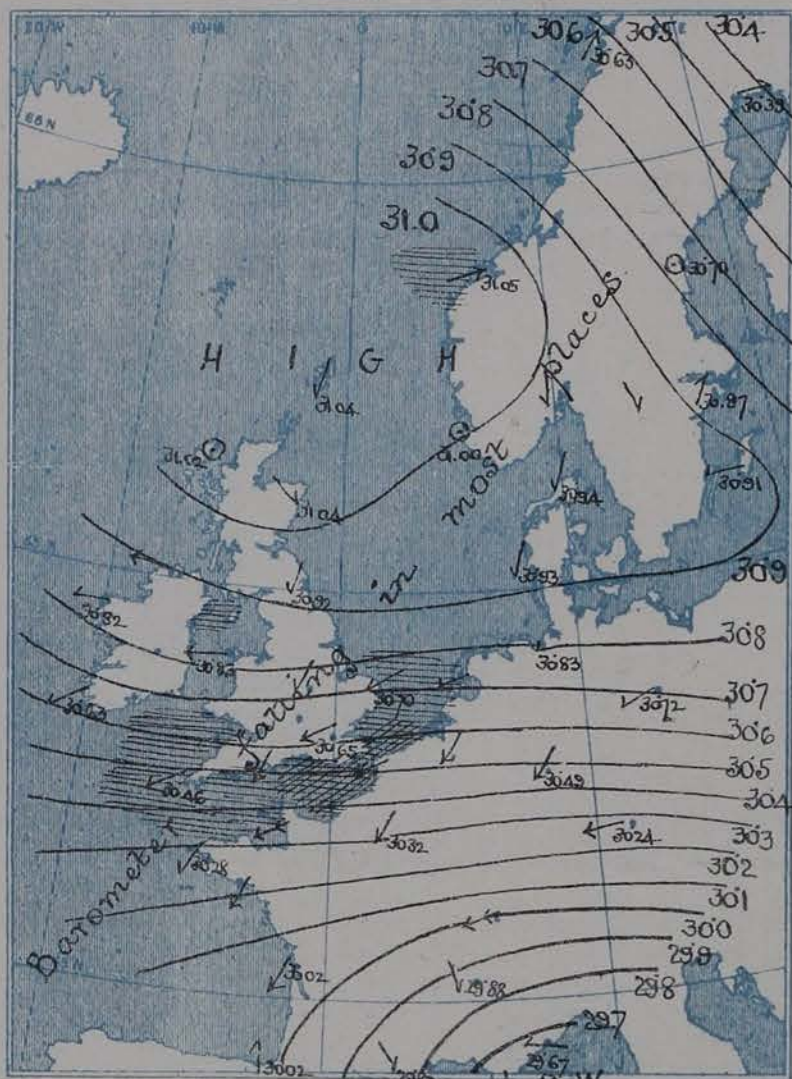
I. BAROMETER, WIND AND SEA. *This Morning.*

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 ≡

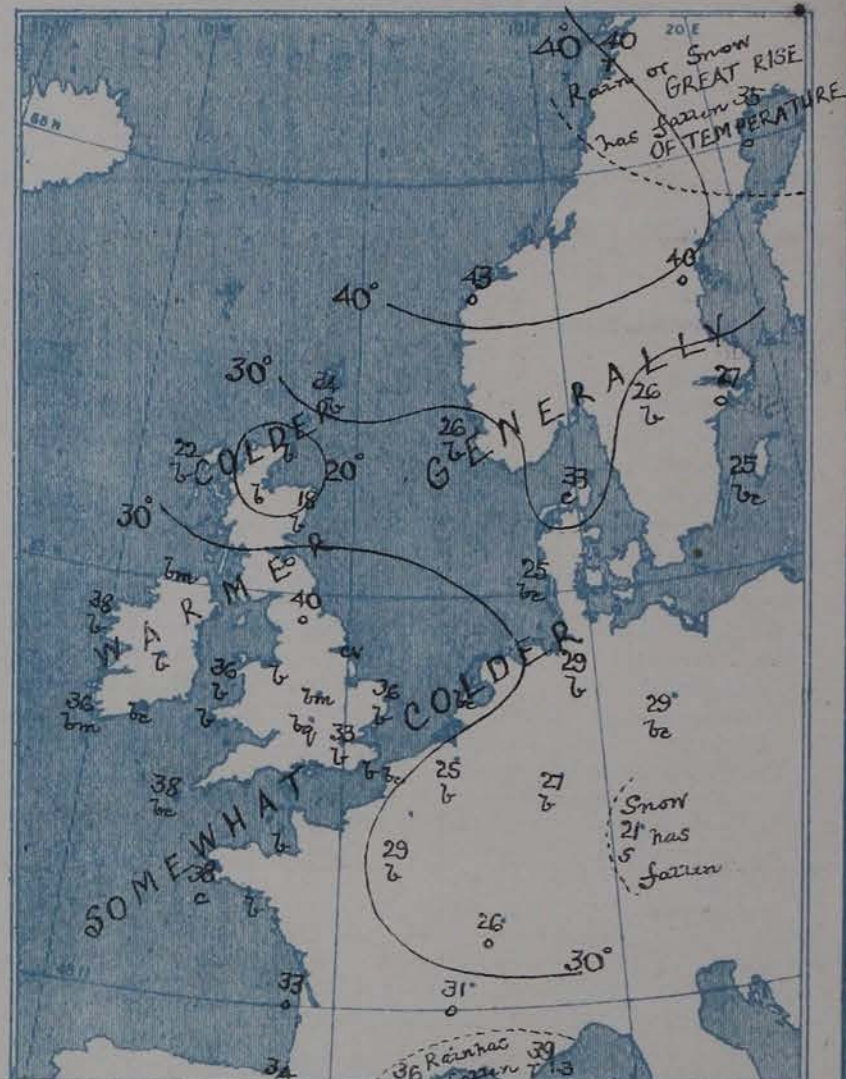


II. TEMPERATURE AND WEATHER. *This Morning.*

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

in month of FEBRUARY (1871-1900)

Specimen { Highest Max., 60
(for Shields) { Lowest Min., 7

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 of great intensity still lies over the northern parts of our area, the readings of the barometer being above 31.8 in. in the north of Scotland and the south-west of Norway. At 10 p.m. yesterday the mercury reached the exceptionally high level of 31.10 in. at Naism and 31.18 in. at Aberdeen. The barometer is however, now falling a little in most places. The lowest readings 29.7 in. and less, are reported in the extreme south of France, and a steep gradient for E^{ly} winds prevails over all the northern parts of that country and also over Germany and the south of our islands.

WIND

TEMPERATURE

WEATHER

AND

SEA

E^{ly} or N.E^{ly} winds are prevalent over the whole of England, Ireland, France, Germany and the Netherlands and blow strongly in many places, with a gale in the English Channel. In the north of Scotland the wind is calm and in the west of Norway fresh from the south-west, while in Denmark and the south of Scandinavia it is light from the northward. Temperatures has fallen a little over England and the neighbouring parts of the Continent and more decidedly in the north of Scotland, but has risen elsewhere. At Napasanda the thermometer fell yesterday to -33° F. and has now risen to +35°, showing a range in the 24 hours of no fewer than 68°. Slight frost prevails in many parts of the Continent and hard frost in the north of Scotland, the morning readings being as low as 10° at Naism and 12° at Wick. The highest temperatures at present reported in any part of our area are in the northern parts of Scandinavia; at Bodø, Hernösand and Christianund, the thermometer stands at 40°. The weather is fine over western Europe generally, but is dull in the south of France and the north of Scandinavia; rain is falling at Bodø and snow at Munich. The sea is high at Dungeness and rough on our south and east coasts generally.

The maximum temperatures recorded yesterday were below 40° in many parts of Great Britain, and below the freezing point in the north of Scotland; at Naism the thermometer fell last night to a minimum of 7°. The amount of bright sunshine was small in the south, but large elsewhere, more than 7 hours being reported at Southport and Valencia (Ireland).

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is beginning to give way, but the barometric fall is still greatest in the south of France, so that the gradient for Easterly winds is likely to remain steep. Some further increase in the strength of the wind is probable on our western coasts, but for the present the weather is likely to remain dry.

FORECASTS *

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	Variable breezes, finally NE ^{ly} ; fair, very cold.
1	{ SCOTLAND EAST	NE ^{ly} winds, light or moderate; fair, cold.
2	{ ENGLAND N.E.	NE ^{ly} winds, fresh or strong; fair, cold.
3	{ ENGLAND EAST	Same as No. 5.
4	{ MIDLAND COUNTIES	Same as No. 2.
5	{ ENGLAND SOUTH	E ^{ly} & NE ^{ly} winds, strong, a gale on coast; fair, cold.

6	{ SCOTLAND WEST	Same as No. 1.
7	{ ENGLAND N.W.	E ^{ly} winds, strong; fair, cold.
8	{ ENGLAND S.W.	Same as No. 5.
9	{ IRELAND NORTH	Same as No. 7.
10	{ IRELAND SOUTH	

WARNINGS

At 7.30 p.m. yesterday to part of district 8 "Hoist N. Cone". The Signals are still flying in 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.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rain/fall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on Sea	*	*	*	*	*	*	*	*	*	*	b	*	bc,c	38	30	1.5	—
Newton Reigny (Penrith)	30.98	32	NE 2	b	30.90	-.06	35	33	+8	SE 2	bc	*	bc	40	24	7.5	—
Bath	30.60	35	NE 7	bc	30.61	-.10	33	33	-3	NE 6	b	*	bc	38	29	2.0	—

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	28	c, b	6.9	—	Worthing	*	*	*	0.6	*
Birmingham, 9 p.m.	38	30	b	3.3	—	Llandudno	*	*	*	3.7	*
Lowestoft, 6 p.m.	38	35	b	5.7	0.02	Rhyl	*	*	*	5.7	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	40	24	b	4.1	—
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	39	32	c	4.3	—
Brighton	*	*	*	0.3	*	Darwen, 9 p.m.	36	28	b	5.4	—

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)	Values	not rec'd	—	Ins.	Algiers	Values	not rec'd	—	Ins.
Madrid	—	—	—	—	Tunis	—	—	—	—
Corsica (I. Sanguinaires)	—	—	—	—	Vienna	—	—	—	—
Rome	—	—	—	—	St. Petersburg	—	—	—	—
Florence	—	—	—	—	30 Jan. -/02	1 p.m.	—	—	Measured 7 a.m.
Trieste	—	—	—	—	Lugano	41	—	b	—
Brindisi	—	—	—	—	Davos	21	—	o	0.04
Naples	—	—	—	—	Lucerne	32	—	s	0.28
Palermo	—	—	—	—	Lausanne	30	—	b	0.04

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.

1 Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.38	12.7	4.36
Greenwich	7.41	12.14	4.47
Wick	8.21	12.26	4.31
Valencia	8.25	12.55	5.25

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 am on Sunday 2nd February 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.	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.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.	Haparanda	30.22	36	SW	2	0	30.23	-16	30	29	-5	NE	2	6	*	0	37	-26	*	-	
	Hernösand	30.61	41	Z	0	6	30.46	-24	40	39	0	NW	6	6	*	6	45	32	*	-	
	Stockholm	30.79	32	Z	0	0	30.63	-24	26	26	-1	W	2	6	*	0	34	23	*	-	
	Wisby	30.83	29	W	2	6	30.69	-22	31	31	+6	W	4	0	*	6	34	25	*	-	
	Karlstad	30.83	25	Z	0	6	30.79	-12	15	15	-11	?NW	2	6	*	6	*	*	*	-	
	Färder (X'ania Fjord)	30.83	33	N	2	6	30.72	-25	29	28	-1	N	2	6	1	6	34	28	*	-	
	Bodö	30.49	39	SW	5	+	30.43	-20	38	35	-2	W	5	0	3	+	41	34	*	-	
	Christiansund	30.95	40	WSW	1	0	30.78	-27	39	37	-1	WSW	2	0	5	0	43	39	*	-	
	Skudesnaes	30.88	28	Z	0	6	30.73	-27	25	23	-1	Z	0	6	0	6	32	25	*	*	
	Sumburgh Head	30.97	35	NNE	1	6	30.79	-25	38	36	+4	NNE	1	0	4	6	40	30	*	-	
BRITISH ISLANDS.	Stornoway	30.94	31	Z	0	6	30.77	-25	34	33	+12	E	4	6	4	6	42	20	4.8	-	
	Malin Head	30.79	41	E	5	6	30.46	-44	42	38	+4	ENE	7	0	5	6	42	37	*	-	
	Blacksod Pt.	30.74	40	E	5	bm	30.49	-33	41	39	+3	ENE	6	6	4	bm	42	36	*	-	
	Valencia	30.59	41	WNW	3	bm	30.35	-28	40	37	+4	NE	5	0	4	bm	47	35	7.8	-	
	Roche's Point	30.57	38	ENE	3	6	30.30	-40	38	35	+1	NE	5	6	4	6	43	35	*	-	
	Parsonstown	30.68	38	E	2	0	30.41	-36	38	37	+3	NE	4	0	*	0	41	34	7.4	0.04	
	Donaghadee	30.78	41	ENE	5	6	30.54	-33	43	40	+3	ENE	5	0	5	6	43	38	*	-	
	Liverpool Obsy.	30.64	37	NE	5	6	30.38	-45	35	33	0	NE	6	6	5	m, 6	41	35	*	-	
	Holyhead	30.65	41	E	7	6	30.40	-43	39	36	+3	ENE	7	0	?	6, 6	41	34	*	-	
	Pembroke (St. Ann's)	30.43	37	NE	6	6	30.24	-40	34	32	-2	NE	5	6	4	6	40	32	7.3	-	
GERMANY, &c.	Scilly (St. Mary's)	30.30	40	NE	7	0	30.14	-32	39	35	+1	ENE	6	0	6	6, 0	42	32	7.8	-	
	Jersey (St. Aubins)	30.11	38	NE	8	0	30.02	-35	32	30	-5	E	7	0	?	6, 0, 0	41	32	6.8	-	
	Portland Bill	30.28	36	NE	7	6, 0	30.11	-44	33	33	0	NE	6	0	5	6, 0	40	32	*	-	
	Dungeness	30.21	36	ENE	9	0	30.13	-42	32	31	-5	E	8	0	6	0	39	31	*	-	
	Wick	30.94	18	Z	0	6	30.73	-30	39	37	+27	ENE	2	0	1	6	39	10	*	-	
	Nairn	30.94	17	Z	0	6	30.74	-30	34	34	+24	Z	0	0	1	6	35	8	*	-	
	Aberdeen	30.92	33	NW	1	0	30.73	-31	38	36	+19	NNE	3	0	4	6, 0	38	19	6.3	-	
	Leith	30.83	37	NE	3	0	30.59	-39	41	40	+5	NE	3	0	3	0	41	35	*	0.01	
	North Shields	30.77	41	NE	3	0	30.52	-40	41	40	+1	ENE	4	0	3	0	43	38	*	-	
	Spurn Head	30.58	38	NE	6	6	30.37	-43	36	35	-2	NE	7	6, 0	6	6	41	34	*	-	
FRANCE.	Yarmouth	30.47	36	NE	8	0	30.26	-44	33	31	-3	ENE	8	0	6	6, 0	38	30	*	-	
	Loughborough	30.57	36	NE	6	6	30.35	-44	34	31	+1	NE	5	0	*	6, 0, 0	40	33	*	-	
	Oxford	30.43	35	NE	7	0	30.24	-47	33	31	+1	ENE	4	0	*	0	40	31	*	-	
	London (Brixton)	30.41	35	ENE	7	0	30.22	-43	32	31	-1	ENE	6	0	*	6, 0	39	31	4.5	-	
	The Scaw (Skagen)	30.83	32	ENE	1	6	30.73	-21	31	30	-2	SSW	1	6	0	6	36	27	*	-	
	Fanö	30.78	27	E	4	6	30.65	-28	24	23	-1	E	2	6	*	6	34	23	*	-	
	Cuxhaven	30.69	31	E	5	6	30.53	-30	28	25	-1	E	6	0	*	6	32	25	*	-	
	The Helder	30.53	33	ENE	7	0	30.34	-40	27	26	-5	E	7	0	5	0	?	27	*	-	
	Brussels	*	*	*	*	*	30.15	-42	27	25	+2	ENE	5	0	*	6	32	25	*	-	
	Berlin	30.61	27	ENE	5	0	30.51	-21	28	27	-1	ENE	5	0	*	0	32	23	*	-	
SPAN. PEN.	Frankfurt	30.20	29	NE	6	0	30.13	-36	29	26	+2	NE	6	0	*	0	32	27	*	-	
	Munich	-	-	-	-	-	29.99	-25	22	21	+1	E	4	6	*	0	23	21	*	-	
	C. Gris Nez	30.26	34	ENE	8	0	30.11	-39	27	25	-3	ENE	7	6	7	0	30	25	*	-	
	Brest	30.08	38	NE	6	0	29.91	-37	34	33	-4	ENE	5	0	4	0	41	32	*	-	
	Lorient	29.97	39	NE	7	6	29.90	-31	30	30	-4	E	6	0	4	6	45	27	*	-	
	Rochefort	29.84	30	ENE	5	0	29.84	-18	31	30	-2	E	3	6	*	0	37	27	*	-	
	Biarritz	29.80	32	NE	4	0	29.82	-20	27	25	-7	E	2	6	2	0	43	23	*	0.08	
	Paris	30.01	31	NE	4	6	30.00	-32	27	25	-2	NE	2	6	*	6	33	25	*	-	
	Belfort	29.85	25	ENE	8	6	29.93	-09	24	22	-2	ENE	6	0	*	6	31	22	*	-	
	Lyons	29.82	23	N	1	6	29.96	+08	22	20	-9	W	1	0	*	6	32	21	*	0.12	
Nice	29.70	39	NE	5	0	29.72	+05	32	32	-7	NE	5	0	3	0	43	32	*	0.55		
Perpignan	29.68	33	SW	1	0	29.82	00	32	31	-4	NW	2	0	*	0	38	28	*	-		
SPAN. PEN.	Corunna	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Lisbon	29.90	42	W	2	0	29.80	-23	43	42	+10	NE	7	0	*	0	46	33	*	0.08	
SPAN. PEN.	Azores (P. Delgada)	29.44	60	S	5	0	29.37	-22	57	51	0	SSW	5	0	6	0	60	55	*	-	

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, 2nd February, 1902

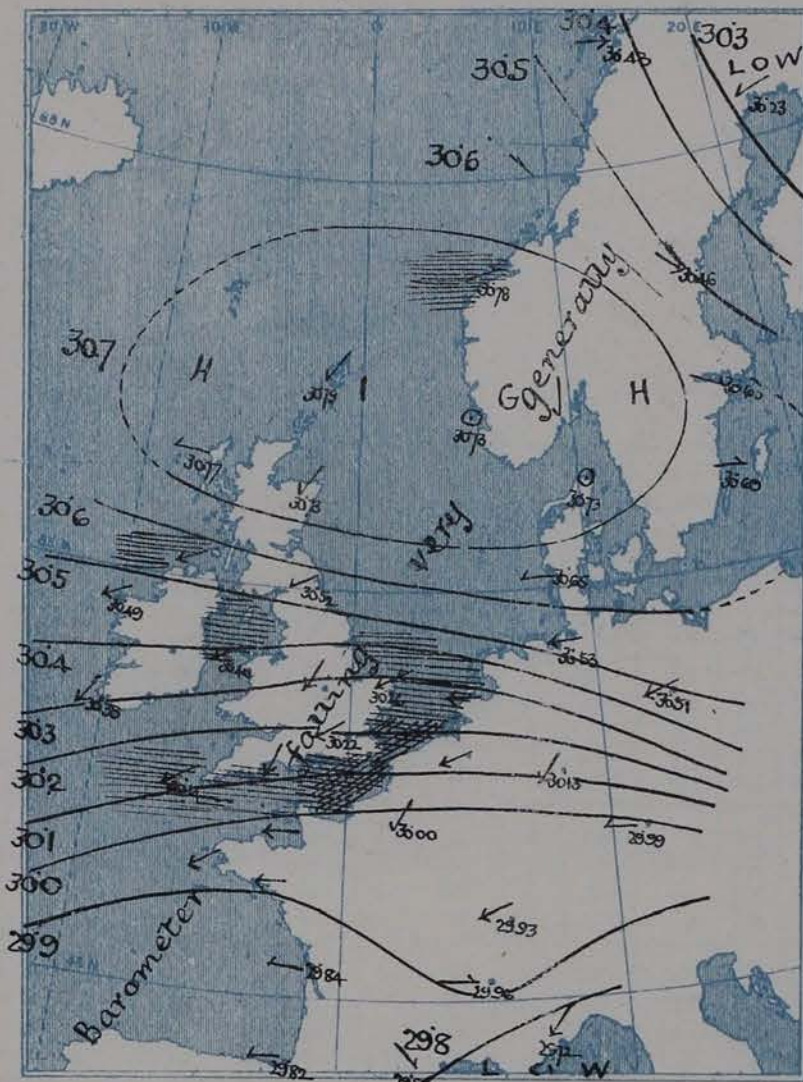
I. BAROMETER, WIND AND SEA. This Morning.

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

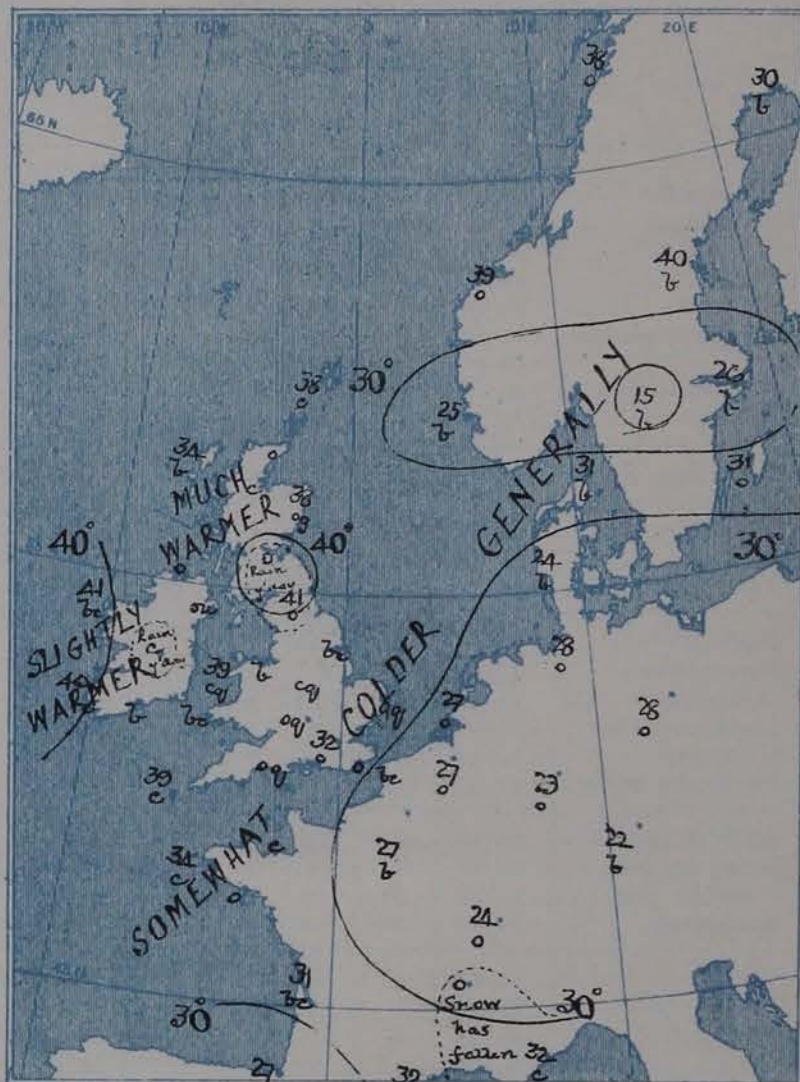


II. TEMPERATURE AND WEATHER. This Morning.

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

in month of FEBRUARY (1871-1900)

Specimen { Highest Max. 60
(for Shields) { Lowest Min. 7
Malin Head & Black s.d. 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

Barometric pressure continues highest, above 30.7 ins., in a large anticyclone over the northern parts of our area, and lowest, 29.7 ins. over the Gulf of Genoa. Gradients are still steep over the southern half of England and the North Sea, and have now become rather steep over our northern districts. The barometer is falling throughout northwestern Europe - most in the south of England. In the extreme southwest of France, however, it is rising again.

WIND

TEMPERATURE

WEATHER

AND

SEA

Strong winds or gales from the NE^d continue to prevail over all the more southern parts of the United Kingdom, the Netherlands, and the north of France, and light NE^d winds have set in over Scotland. Over Sweden and the north of Norway fresh breezes from between W. and NN are reported. Temperature has recovered very rapidly over Scotland from the very low values of yesterday, but has changed very little over England and Ireland. The readings, which are mostly below the normal, now range from 43° at Donaghadee and 41° on the northeastern coasts to 33° at Yarmouth and 32° in London and at Dungeness. At the continental stations the figures vary from 43° at Lisbon and 40° at Fernösand to 22° at Lyons and Munich, and 15° at Karlsbad. The weather is fine and bright in some continental regions, but cloudy or dull as a whole; on our southern and southeastern coasts it is squally. The sea is high at Cape Finz Rey, rough on our southern and southeastern coasts, and rather rough in the Irish Sea and off the north of Ireland.

Scarcely any rain or snow has been experienced in any part of our area except the south of France, and the amount of bright sunshine recorded over our Islands has been large; nearly 8 hours at some of our western and southwestern stations. The highest temperature recorded over our Islands yesterday was 47° at Valencia. At stations on our eastern coasts the readings were below 40° while at Munich the highest value was 23°.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 3rd, February, 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

WARNINGS

NONE ISSUED

At 3 pm yesterday to districts 2, 7, and parts of 1, 8, and 10, "101ST NORTH CONE" at 9.35 am today to district 3 "NEEP UP CONE". The signals are still flying in district 5 and remainder 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	"	"	"	"	"	"	"	"	"	"	0	"	B.C	39	29	6.9	-
Newton Reigny (Penrith)	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Bath	30.42	35	N. 6	0	30.22	- 3.9	34	34	+ 1	NE. 5.	0	"	0	40	32	7.2	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.		Hrs.	Ins.		Max.	Min.		Hrs.	Ins.
Harrogate, 6 p.m.	40	31	bc	4.8	—	Worthing	"	"	"	6.8	"
Birmingham, 9 p.m.	39	31	c	2.4	—	Llandudno	"	"	"	"	"
Lowestoft, 6 p.m.	"	"	"	"	"	Rhyl	"	"	"	"	"
Hastings	"	"	"	"	"	Southport, 9 p.m. ...	42	31	bcv	5.7	—
Eastbourne	"	"	"	"	"	Manchester, 9 p.m. ...	40	34	og	6.0	—
Brighton	"	"	"	"	"	Darwen, 9 p.m. ...	34	30	bcqv	6.9	—

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)	59	50	o	o	—	Algiers	52	39	o	o	—
Madrid	37	18	r	—	—	Tunis... ..	...	...	...	...	...
Corsica (I. Sanguinaires) ...	50	37	r	...	0.24	Vienna	37	23	s	s	0.08
Rome	54	46	o	o	0.87	St. Petersburg... ..	28	11	b	b	—
Florence	53	45	o	r	0.51	31 Jan 02	1 p.m.	...	...	...	Measured 7 a.m.
Trieste	46	34	o	o	—	Lugano	37	—	r	...	0.24
Brindisi... ..	58	45	o	bc	0.12	Davos	39	—	c	...	—
Naples	58	46	o	o	0.67	Lucerne	36	—	o	...	0.04
Palermo	55	43	o	c	0.16	Lausanne... ..	34	—	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.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	2 Feb., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, } Holland }	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	7.36	12.7	4.38
Germany, Denmark. } Norway, Sweden ... }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	7.39	12.14	4.49
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	8.19	12.26	4.33
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	8.23	12.55	5.27
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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DAILY WEATHER REPORT

for 8 a.m. on Monday, 3rd February,

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.	Ins.	°	°											
SCANDINAVIA.	Haparanda	30.10	23	NE	2	0	30.10	-73	17	14	-13	SW	4	3	0	30	17	*	-		
	Hernösand	30.18	40	Z	0	0	30.17	-29	28	27	-12	N	4	3	0	43	28	*	0.08		
	Stockholm	30.44	25	Z	0	0	30.13	-50	25	24	-1	W	2	0	0	32	25	*	-		
	Wisby	30.41	33	SW	4	0	30.17	-52	31	30	0	NW	4	0	0	36	27	*	-		
	Karlstad	30.46	18	NW	2	0	30.26	-53	18	7	+3	WNW	2	0	0	*	*	*	-		
	Færder (X'ania Fjord)	30.50	32	SW	1	0	30.33	-39	27	25	-2	N	2	0	0	32	25	*	-		
	Bodö	30.30	33	W	2	0	30.20	-23	28	25	-10	WNW	6	0	0	38	25	*	-		
	Christiansund	30.56	38	WSW	6	7	30.14	-64	35	31	-4	ENE	3	3c	5	39	32	*	0.04		
	Skudesnaes	30.54	26	Z	0	0	30.28	-45	24	23	-1	NNE	2	0	0	32	23	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.65	38	NNE	1	0	30.45	-34	41	39	+3	NE	3	0	4	42	37	*	-		
	Stornoway	30.66	40	ESE	4	0	30.48	-29	40	38	+6	E	5	0	5	42	32	4.6	-		
	Malin Head	30.40	43	E	7	0	30.32	-14	41	38	-1	E	5	0	3	43	38	*	-		
	Blacksod Pt.	30.37	42	ENE	6	0	30.29	-20	40	37	-1	ENE	3	0	3	43	38	*	-		
	Valencia	30.22	41	N	3	0	30.15	-20	38	36	-2	NE	3	0	4	43	38	6.5	-		
	Roche's Point	30.20	39	ENE	5	0	30.14	-16	39	37	+1	ENE	4	0	4	40	37	*	-		
	Parsonstown	30.27	39	E	3	0	30.21	-70	36	34	-2	NE	1	0	*	43	35	6.3	0.01		
	Donaghadee	30.40	43	E	5	0	30.27	-27	42	39	-1	E	4	0	4	43	39	*	-		
	Liverpool Obsy.	30.29	36	NE	4	0	30.20	-18	36	34	+1	NE	2	0	2	37	35	*	-		
	Holyhead	30.27	39	ENE	7	0	30.21	-19	38	35	-1	ENE	4	0	3	39	35	*	-		
	Pembroke (St. Ann's)	30.13	37	NNE	5	0	30.10	-14	36	34	+2	E	4	0	3	38	34	1.2	-		
	Scilly (St. Mary's)	30.01	37	ENE	6	0	29.96	-18	37	34	-2	ENE	6	0	6	39	33	0.0	-		
	Jersey (St. Aubins)	29.98	35	WNW	4	0	30.00	-02	33	31	+1	NE	3	0	3	36	31	3.8	0.02		
	Portland Bill	30.06	32	ENE	4	0	30.05	-06	34	34	+1	NE	3	0	3	34	32	*	0.04		
	Dungeness	30.02	35	ENE	6	0	30.00	-13	36	35	+4	NE	3	0	3	36	31	*	-		
	Wick	30.63	40	ENE	4	0	30.43	-30	41	40	+2	ENE	4	0	3	42	38	*	0.08		
	Nairn	30.62	38	E	1	0	30.42	-32	39	37	+5	E	1	0	1	39	32	*	-		
Aberdeen	30.58	38	NNE	2	0	30.39	-34	38	37	0	NNE	4	0	5	40	37	0.0	0.03			
Leith	30.49	40	NE	3	0	30.31	-28	39	38	-2	ENE	3	0	*	44	37	*	0.01			
North Shields	30.40	40	ENE	4	0	30.25	-27	41	38	0	NE	3	0	4	42	38	*	-			
GERMANY, &c.	Spurn Head	30.23	37	ENE	7	0	30.11	-26	37	36	+1	ENE	5	0	5	38	35	*	0.03		
	Yarmouth	30.16	33	ENE	8	0	30.06	-20	34	33	+4	ENE	6	0	5	35	30	*	-		
	Loughborough	30.22	36	NE	5	0	30.15	-20	34	34	0	NE	3	0	*	37	33	*	0.15		
	Oxford	30.14	32	NE	3	0	30.11	-13	32	31	-1	NE	3	0	*	34	31	*	0.01		
	London (Brixton)	30.09	33	ENE	6	0	30.07	-15	33	32	+1	NE	4	0	*	36	32	0.0	0.01		
	The Scaw (Skagen)	30.52	32	SW	1	0	30.30	-43	33	33	+2	NNE	1	0	0	34	23	*	-		
	Fanö	30.45	26	E	2	0	30.28	-37	27	26	+3	E	4	0	*	32	21	*	-		
	Cuxhaven	30.37	29	E	6	0	30.17	-36	29	29	+1	ENE	4	0	*	30	27	*	-		
	The Helder	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
	Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
FRANCE.	Berlin	30.38	33	E	3	0	30.15	-36	32	31	+4	ESE	3	0	*	34	28	*	-		
	Frankfurt	30.04	35	NE	4	0	30.05	-08	35	33	+6	NE	2	0	*	41	29	*	-		
	Munich	29.93	33	E	4	0	30.01	+02	25	25	+3	SE	2	0	*	36	21	*	-		
	C. Gris Nez	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
	Brest	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
	Lorient	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
	Rochefort	29.82	35	NE	2	0	29.88	+04	32	31	+1	Z	0	0	*	41	30	*	-		
	Biarritz	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
	Paris	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
	SPAN. PEN.	Belfort	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
Lyons		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
Nice		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
Perpignan		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
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.

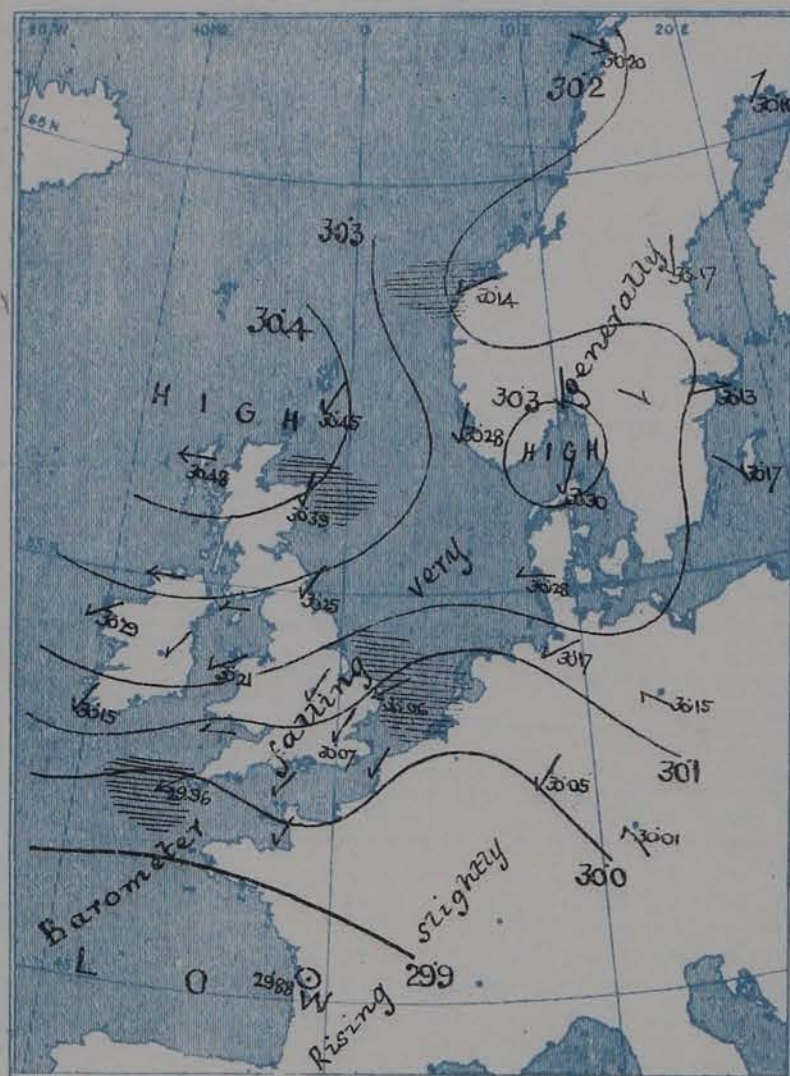
FOR Monday 3rd February, 1902

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

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

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.)

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,	60
(for Shields)	Lowest Min,	7

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



at 8 A.M. for the Two monthly period

JANUARY-FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

This morning the barometer is again highest over the northern parts of our islands, lowest over the southern parts of the Bay of Biscay, but it has fallen more in the north than in the south and the gradients are less steep than they were yesterday. Readings now range from 30.48 in. at Stornoway to 30.10 in. at Haparanda and to 29.88 in. at Rochefort. (Very few French reports have arrived).

WIND

TEMPERATURE

WEATHER

AND

SEA

The winds, though still varying in direction from between North and East over almost the whole of our area, have become much more moderate in force; Yarmouth and Scilly are the only stations in our islands which report a strong breeze. The Bay of Biscay appears to be almost calm. Temperature is abnormally distributed - the north-east of Scotland, where the readings are 41°, is warmer by 7° to 9° than the south of England. Over central and northern Europe the readings range from 25° Fahr. at Munich to 18° at Haerdes and 17° at Haparanda. The weather, though still unsettled and cloudy, has improved greatly; a little rain or sleet is falling in several parts of England and the extreme north of Ireland. In the north-east of Sweden the sky is clear. The sea is still rough on our east coasts, in the Minch and at Scilly.

During yesterday the highest maximum temperature was 44° (at Leith); at Portland the thermometer did not exceed 34°. Of rainfall (melted snow, etc.) there is very little reported. Bright sunshine has been considerable in Ireland and Scotland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The wind is now likely to be less strong over the Channel and England, but there is no decided indication of permanent change of temperature.

FORECASTS *

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

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

NE³ and N³ winds, moderate; fair.
Temperature changeable.

NE³ winds, strong; some snow or sleet
showers.

NE³ winds, moderate; fair, cold.

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

NE³ winds, moderate; cloudy. Some
cold showers.

WARNINGS

No fresh warnings 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 5 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	*	*	*	*	*	*	*	*	*	*	S	*	0	36	31	0.0	-
Newton Reigny (Penrith)	30.39	36	NW. 4	C	30.25	?	35	33	?	N. 1	0	*	cg	40	35	4.7	-
Bath	30.14	34	NE. 3	T	30.12	-10	33	31	-1	NE. 4	0	*	T	38	31	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.			
Hatfield, 6 p.m.	38	34	bc	4.1	-	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	35	32	ot	0.0	-	Llandudno	*	*	*	2.2	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	0.7	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	40	35	bcv	6.2	-
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	*	*	*	*	*
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	35	32	bcg	5.3	-

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	Information not rec ^d		—	Ins.			
Madrid	—				Tunis... ..	—						
Corsica (I. Sanguinaires) ...	—				Vienna	—						
Rome	—				St. Petersburg... ..	—						
Florence	—				1 FEB - /02		1 p.m.			—		Measured 7 a.m.
Trieste	—				Lugano	34	—			S	0.51	
Brindisi... ..	—				Davos	21	—			C	0.08	
Naples	—				Lucerne	27	—			0	0.12	
Palermo	—				Lausanne	23	—			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.

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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.

3 Feb., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.35	12.7	4.39
Greenwich	7.38	12.14	4.50
Wick	8.17	12.26	4.35
Valencia	8.21	12.55	5.29

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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 4th February 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 29" 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.
SCANDINAVIA.	Haparanda	29.85	12	NW	2	6	29.82	-28	0	-1	-14	NW	4	6	*	6	32	0	*	-	
	Hernösand	29.99	29	Z	0	6	29.98	-39	21	21	-7	Z	0	6	*	6	39	21	*	-	
	Stockholm	30.18	23	W	2	6	29.83	-30	22	19	-3	SW	2	6	*	6	33	21	*	-	
	Wisby	30.19	30	N	8	6	29.95	-22	30	29	-1	NW	4	6	*	6	36	28	*	-	
	Karlstad	29.94	23	NNW	2	6	29.84	-42	27	25	+9	SW	2	6	*	6	*	*	*	-	
	Färder (X'ania Fjord)	30.38	31	WNW	1	6	29.93	-40	34	31	+7	W	5	6	3	6	34	27	*	-	
	Bodö	30.00	27	NW	6	6	29.90	-30	21	18	-7	E	2	6	1	6	28	16	*	-	
	Christiansund	30.32	34	N	6	0	29.96	-18	34	21	-1	ENE	4	6	5	6	36	32	*	0.28	
	Skudesnaes	30.02	24	Z	0	6	30.15	-13	38	36	+14	WNW	6	6	3	6	38	24	*	*	
	Sumburgh Head	30.42	38	NE	2	0	30.16	-29	39	37	-2	NNW	3	6	4	6	43	36	*	-	
BRITISH ISLANDS.	Stornoway	30.41	41	ESE	4	0	30.29	-19	37	35	-3	Z	0	6	0	6	45	36	2.5	0.06	
	Malin Head	30.26	42	ENE	5	0	30.25	-07	39	37	-2	NE	2	6	2	6	43	37	*	-	
	Blacksod Pt.	30.24	41	E	4	cm	30.25	-04	40	38	0	NE	3	6	3	cm	42	38	*	-	
	Valencia...	30.17	40	NE	2	0	30.18	+03	39	37	+1	ENE	3	6	3	cm	40	38	0.5	-	
	Roche's Point	30.13	38	ENE	4	0	30.18	+04	39	36	0	NE	3	6	3	6	40	37	*	-	
	Parsonstown	30.18	39	E	1	0	30.22	+01	36	35	0	ENE	1	6	*	6	43	33	3.7	-	
	Donaghadee	30.20	43	E	3	0	30.23	-04	40	37	-2	ESE	4	6	3	6	48	38	*	-	
	Liverpool Obsy.	30.16	38	NE	2	0	30.23	+03	34	32	-2	NE	2	6	2	6	40	34	*	-	
	Holyhead	30.16	40	ENE	3	0	30.22	+01	37	35	-1	ENE	2	6	1	6	40	35	*	-	
	Pembroke (St. Ann's)	30.06	37	NE	4	0	30.15	+05	36	34	0	NE	4	6	2	6	38	34	0.0	-	
GERMANY, &c.	Scilly (St. Mary's)	29.93	41	NE	4	0	30.04	+08	39	36	+2	E	4	6	3	6	41	34	0.0	0.03	
	Jersey (St. Aubins)	30.02	41	E	3	om	30.10	+10	40	38	+7	ENE	2	6	2	6, om	43	33	5.8	-	
	Portland Bill	30.04	34	ENE	3	om	30.13	+08	34	34	0	NNE	2	6	2	3, om	34	33	*	0.04	
	Dungeness	30.01	37	ENE	2	0	30.07	+07	37	36	+1	E	4	6	2	0, th	38	35	*	0.06	
	Wick	30.37	38	E	4	0	30.25	-18	34	33	-7	W	1	6	3	6	44	33	*	-	
	Nairn	30.36	40	E	1	0	30.28	-14	34	34	-5	Z	0	6	1	6	41	32	*	0.03	
	Aberdeen	30.33	39	ENE	5	og	30.26	-13	34	33	-4	NW	2	6	3	og	42	33	0.8	0.02	
	Leith	30.25	40	NE	3	0	30.23	-08	35	33	-4	Z	0	6	*	6	42	31	*	0.02	
	North Shields	30.20	41	NE	2	op	30.21	-04	37	36	-4	Z	0	6	3	7, op	42	34	*	0.04	
	Spurn Head	30.13	37	ENE	5	†	30.18	+07	37	35	0	ENE	4	6	4	†	38	35	*	0.07	
FRANCE.	Yarmouth	30.05	36	ENE	5	ogd	30.12	+06	34	32	0	ENE	4	6	5	ogd	37	31	*	0.01	
	Loughborough	30.13	35	ENE	3	8	30.19	+04	34	33	0	ENE	3	6	ogm	gm, pd	36	34	*	0.06	
	Oxford	30.12	33	NE	1	0	30.17	+06	34	33	+2	NE	2	6	0	0	34	31	*	0.05	
	London (Brixton)	30.06	36	NNE	3	og	30.12	+05	35	34	+2	ENE	2	6	*	ogs, opd	36	33	0.0	0.08	
	The Scaw (Skagen)	30.36	31	ENE	2	6	30.03	-24	26	35	+3	NW	5	6	1	6	36	23	*	-	
	Fanö	30.29	30	NE	4	0	30.27	-01	17	17	-10	NE	1	6	*	6	32	17	*	-	
	Cuxhaven	30.20	30	E	4	0	30.23	+06	32	30	+3	E	2	6	*	6	32	27	*	-	
	The Helder	30.08	33	E	3	m	30.14	+05	30	30	-2	ESE	3	6	3	m	34	30	*	-	
	Brussels	*	*	*	*	*	30.08	+04	33	32	+5	NE	2	6	*	6	37	27	*	-	
	Berlin	30.12	30	ENE	4	0	30.17	+02	32	29	0	ENE	3	6	*	6	34	28	*	-	
SPAN. PEN.	Frankfurt	29.98	37	N	4	0	30.02	-03	33	31	-2	NNE	5	6	*	6	39	33	*	-	
	Munich	29.89	32	Z	0	6	29.90	-11	31	31	+6	SW	2	6	*	6	37	25	*	-	
	C. Gris Nez	30.01	34	NE	2	m	30.02	+01	34	34	0	E	3	6	3	m	37	32	*	-	
	Brest	29.92	37	NE	2	6	30.02	+07	34	34	+2	ENE	3	6	3	6	43	32	*	-	
	Lorient	29.97	39	NE	5	6	30.05	+11	36	35	+6	E	4	6	2	6	43	28	*	-	
	Rochefort	29.90	36	Z	0	0	30.00	+12	34	33	+2	SE	2	6	*	6	37	30	*	-	
	Biarritz	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Paris	29.97	33	N	2	0	30.03	+04	32	31	+13	N	2	6	*	6	53	21	*	-	
	Belfort	29.86	31	ENE	5	m	29.93	-08	29	28	+7	SSW	2	6	*	m	37	22	*	-	
	Lyons	29.97	29	E	1	0	30.04	+04	30	30	+2	SE	1	6	*	6	32	28	*	0.32	
Nice	29.97	33	E	4	†	29.85	-19	35	33	-5	E	2	6	4	†	41	32	*	1.73		
Perpignan	29.94	40	Z	0	0	29.94	+06	36	34	0	Z	0	6	*	6	48	33	*	-		
SPAN. PEN.	Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Lisbon	29.78	55	Z	0	0	29.69	+11	49	49	-8	NE	4	6	*	6	59	49	*	0.04	
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 *Tuesday, 4th February, 1902*

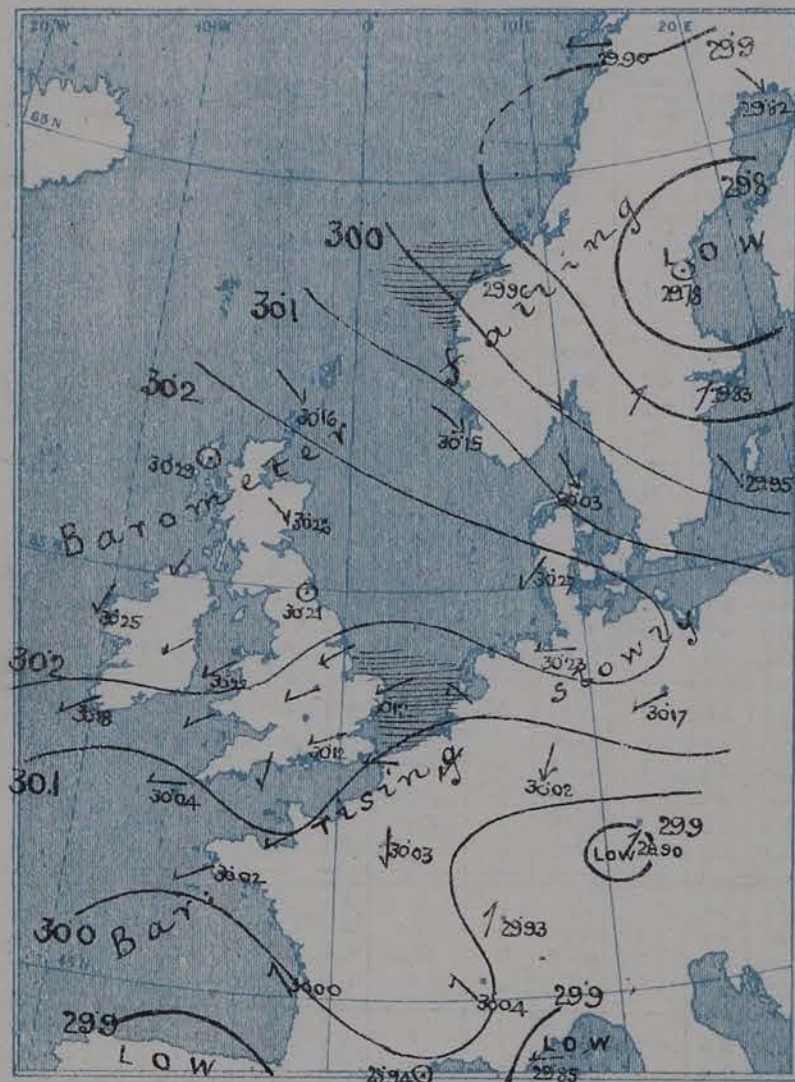
I. BAROMETER, WIND AND SEA. This Morning.

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 in month of FEBRUARY (1871-1900)

Specimen { Highest Max., 60
(for Shields) { Lowest Min., 7
Malin Head & Black sodd 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.)



NOTE: The numbers for London given in this Table are reported on the basis of the Western Training College, Westminster. Observations for this column are based on the following:—
1. Observations recorded for insertion in Charts on next page.
2. The numbers for London given in this Table are reported on the basis of the Western Training College, Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone recently observed over the northern parts of our area is still decreasing in intensity and moving in a southerly direction, so that the barometer is falling at all our northern stations, while it is rising a little in the south. Readings vary from 30.29 in. at Stornoway and 30.27 in. at Faro to 29.78 in. at Hernösand on the one side, and 29.85 in. at Nice on the other.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is very light from the north-westward at our extreme northern stations - calm as a whole over the major part of Scotland and the north of England, but light to moderate from east-north-east over our midland and southern counties and Easterly over the Bay of Biscay. Temperature in our islands is remarkably uniform about 35° and is a little below the average. In France it is somewhat lower (29° Fahr. at Belfort) and in Sweden it is as low as 22° at Stockholm and 0° at Haparanda. In Scotland it has fallen several degrees since yesterday, but over England it has risen a little. The weather is fine over Lapland and Sweden, fair over the north of our islands and dull and hazy in England, with sleet or rain at several southern stations. The sea is rather rough in the extreme north and east - slight or smooth elsewhere.

During yesterday the highest maxima recorded were 48° at Donaghadee and 45° at Stornoway; in the night the thermometer went down to 23° at Newton Reigny (Perrith), and to 31° at Leith and Oxford. A little snow or rain occurred in most parts of Great Britain.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

It seems probable that as the anticyclone moves southwards the weather over England will become colder and more foggy. In Scotland some rise of temperature is expected with Westerly winds.

FORECASTS *

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

DISTRICTS.

FORECASTS.

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

NW² to W² winds, light to moderate;
fair, hazy.

NE² breezes, light to calm; gloomy,
hazy or foggy.

DISTRICTS.

FORECASTS.

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

Same as nos: 0 to 2.

Same as nos: 3 to 5.

Same as nos: 0 to 2.

NE² winds, light; fair.

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. Inch.	Temp. °	Wind.	Weather.	Barometer. Inch. Change.		Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.		Sun- shine. Hrs.	Rainfall Inch.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	b,c	37	33	0.3	—
Newton Reigny (Pentrith)	30.19	38	NNE 1	0	30.25	0.00	25	23	-10	Z 0	bcm	*	o,c,bm	39	23	0.5	—
Bath	30.09	33	NE 1	0	30.14	+0.2	35	34	+2	E 1	0	*	0	35	32	0.0	0.08

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Inch.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Inch.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	38	34	c	1.3	—	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	35	30	no	0.0	0.11	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	37	33	0	0.0	0.01	Rhyl	*	*	*	1.8	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	40	35	o,c	0.5	—
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	40	34	c,b	1.5	—
Brighton	*	*	*	0.1	*	Darwen, 9 p.m.	37	31	o,h	1.0	—

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) <i>Not rec.</i>				Inch.	Algiers	57	43	c	c
Madrid	32	23	s	—	Tunis	59	41	o	o
Corsica (I. Sanguinaires)	50	39	f	—	Vienna	34	32	o	o
Rome <i>Not rec.</i>					St. Petersburg	41	23	s	s
Florence	44	39	c	0.28	2 Feb -/02				
Trieste	45	43	o	—	Lugano	1 pm	Not rec. 2 yet	Measured 7 a.m.	
Brindisi <i>Not rec.</i>					Davos	—	—	—	—
Naples	57	53	o	c	Lucerne	—	—	—	—
Palermo	66	51	o	0.35	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.	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.

4 Feb., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.33	12.7	4.41
Greenwich	7.36	12.14	4.52
Wick	8.15	12.26	4.37
Valencia	8.19	12.55	5.31

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 5th February

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	29.80	-4	NW	2	b	29.79	-0.3	-22	-24	-22	?	2	b	*	b	36	?	*	—
	Hernösand	29.90	-6	Z	0	b	29.88	+1.0	-6	-7	-27	Z	0	b	*	b	30	?	*	—
	Stockholm	29.92	18	Z	0	b	29.95	+1.2	12	11	-10	W	2	b	*	b	27	12	*	0.04
	Wisby	29.81	28	NW	8	b	29.99	+0.4	20	19	-10	E	2	b	*	b	36	20	*	—
	Karlstad	29.93	17	NW	2	b	29.97	+1.3	6	5	-21	N	2	b	*	b	*	*	*	—
	Færder (X'ania Fjord)	29.94	33	NE	2	c	29.94	+0.1	31	28	-3	S	2	c	1	c	36	30	*	—
	Bodö	29.86	17	ESE	2	b	29.75	-1.5	18	15	-3	E	2	b	2	b	21	12	*	—
	Christiansund	29.97	30	NNW	4	s	29.85	-1.1	28	27	-6	WSW	5	s	5	s	34	27	*	0.20
BRITISH ISLANDS.	Skudesnaes	29.99	33	NNW	2	b	29.93	-2.2	30	29	-8	Z	0	b	2	b	38	30	*	*
	Sumburgh Head	30.06	35	NNE	2	c	29.83	-3.3	32	30	-7	Z	0	c	4	b, c	42	31	*	0.05
	Stornoway	30.16	36	NNW	3	b	29.87	-4.2	37	36	0	WSW	3	c	3	0, b	41	34	0.4	—
	Malin Head	30.17	40	E	2	o	29.92	-3.3	36	34	-3	S	1	o	1	o	40	34	*	—
	Blackod Pt.	30.19	41	SE	1	c	29.96	-2.9	40	36	0	SSW	4	c	3	c	42	38	*	—
	Valencia...	30.14	40	ENE	1	om	29.96	-2.2	38	36	-1	Z	0	om	3	om	42	38	0.7	—
	Roche's Point	30.16	39	ENE	2	o	29.99	-1.9	36	35	-3	E	3	m	3	o	40	35	*	—
	Parsonstown	30.18	37	E	2	o	30.00	-2.2	34	32	-2	SE	1	og	*	o	38	33	0.0	—
GERMANY, &c.	Donaghadee	30.18	38	ENE	2	o	29.99	-2.4	35	33	-5	SW	1	og	1	o	40	34	*	—
	Liverpool Obsy.	30.18	34	NE	1	o	30.02	-2.1	32	31	-2	ESE	1	o	?	m, o	35	31	*	—
	Holyhead	30.18	36	ENE	2	om	30.01	-2.1	34	33	-3	ESE	2	om	1	c, om	37	33	*	—
	Pembroke (St. Ann's)	30.13	37	NE	3	o	30.02	-1.3	33	31	-3	NE	4	og	2	o	38	32	0.0	—
	Scilly (St. Mary's)	30.07	40	ENE	4	o	29.91	-1.3	40	37	+1	ENE	4	om	3	o	42	36	0.1	—
	Jersey (St. Aubins)	30.09	39	NE	1	o	30.01	-0.9	36	33	-4	E	3	om	3	om, og	40	35	0.0	—
	Portland Bill	30.11	35	NE	3	o	30.01	-1.2	36	36	+2	E	3	om	2	m, o	36	33	*	—
	Dungeness	30.10	37	E	3	c	30.04	-0.3	36	34	-1	ESE	2	og	2	o, c	37	35	*	0.02
FRANCE.	Wick	30.08	36	NW	2	o	29.84	-4.1	36	36	+2	S	1	o	1	o	42	30	*	0.08
	Nairn	30.14	36	W	1	c	29.90	-3.8	35	33	+1	W	1	o	1	c	39	31	*	—
	Aberdeen	30.13	34	NW	1	b	29.92	-3.4	34	32	0	WSW	1	ogm	1	c, b	37	32	0.0	—
	Leith	30.16	37	Z	0	o	29.93	-3.0	33	32	-2	NNW	1	om	*	o	37	30	*	—
	North Shields	30.14	38	W	1	o	29.97	-2.4	35	34	-2	W	1	om	2	o	39	32	*	—
	Spurn Head	30.15	36	NE	1	o	30.00	-1.8	33	32	-4	WSW	2	o	2	o	38	31	*	—
	Yarmouth	30.10	33	N	2	o	30.05	-0.7	34	33	0	NNW	2	ogf	4	o, c	35	31	*	—
	Loughborough	30.15	35	NE	2	o	30.05	-1.4	32	30	-2	SE	1	ogm	*	ogm	36	32	*	—
GERMANY, &c.	Oxford	30.15	32	NE	2	o	30.06	-1.1	31	30	-3	NE	1	o	*	s, o	34	30	*	—
	London (Brixton)	30.13	34	NNE	2	o	30.05	-0.7	33	31	-2	SSE	1	og	*	gf, og	36	33	0.0	—
	The Scaw (Skagen)	29.91	34	E	2	c	29.95	-0.8	30	30	-6	SSE	2	b	0	c	39	28	*	—
	Fanö	30.02	35	W	6	c	29.95	-3.2	35	34	+18	WSW	1	c	*	c	37	17	*	—
	Cuxhaven	30.16	23	NW	1	b	30.04	-1.9	31	30	-1	WSW	3	o	*	b	34	28	*	—
	The Helder	30.16	31	ENE	1	o	30.04	-1.3	30	30	0	S	1	o	0	o	32	28	*	—
	Brussels	*	*	*	*	*	30.09	+0.1	31	30	-2	Z	0	o	*	o	33	30	*	—
	Berlin	30.12	30	SSW	1	b	30.07	-1.0	26	25	-6	W	3	o	*	b	34	23	*	—
FRANCE.	Frankfurt	30.13	30	NE	4	b	30.14	+1.2	28	27	-5	NE	2	o	*	b	36	25	*	—
	Munich	29.99	31	E	6	o	30.07	+1.7	24	24	-7	E	3	o	*	o	34	24	*	0.08
	C. Gris Nez	30.12	33	E	2	m	30.03	+0.1	32	32	-2	SE	1	m	1	m	37	32	*	—
	Brest	30.10	42	NE	1	b	29.93	-0.9	34	32	0	E	3	b	3	b	43	34	*	—
	Lorient	30.04	37	E	3	b	29.91	-1.4	32	32	-4	E	5	c	2	b	45	30	*	—
	Rochefort	30.09	34	E	3	o	29.96	-0.4	30	29	-4	E	3	o	*	o	36	28	*	—
	Biarritz	29.95	41	E	2	b	29.83	-2.7	37	35	-2	E	3	r	0	b	45	34	*	—
	Paris	30.09	34	N	2	o	30.05	+0.2	33	32	+1	N	1	o	*	o	34	32	*	—
SPAN. PEN.	Belfort	30.01	31	Z	0	s	30.05	+1.2	28	28	-1	ENE	3	f	*	s	32	23	*	0.12
	Lyons	30.06	32	NNW	2	o	30.09	+0.5	31	30	+1	NNW	1	o	*	o	40	30	*	—
	Nice	29.82	37	E	1	b	29.94	+0.9	34	30	-1	NE	5	b	4	b	46	32	*	—
	Perpignan	29.97	38	Z	0	b	29.95	+0.1	34	33	-2	Z	0	o	*	b	49	28	*	—
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 WEDNESDAY, 5TH FEBRUARY, 1902

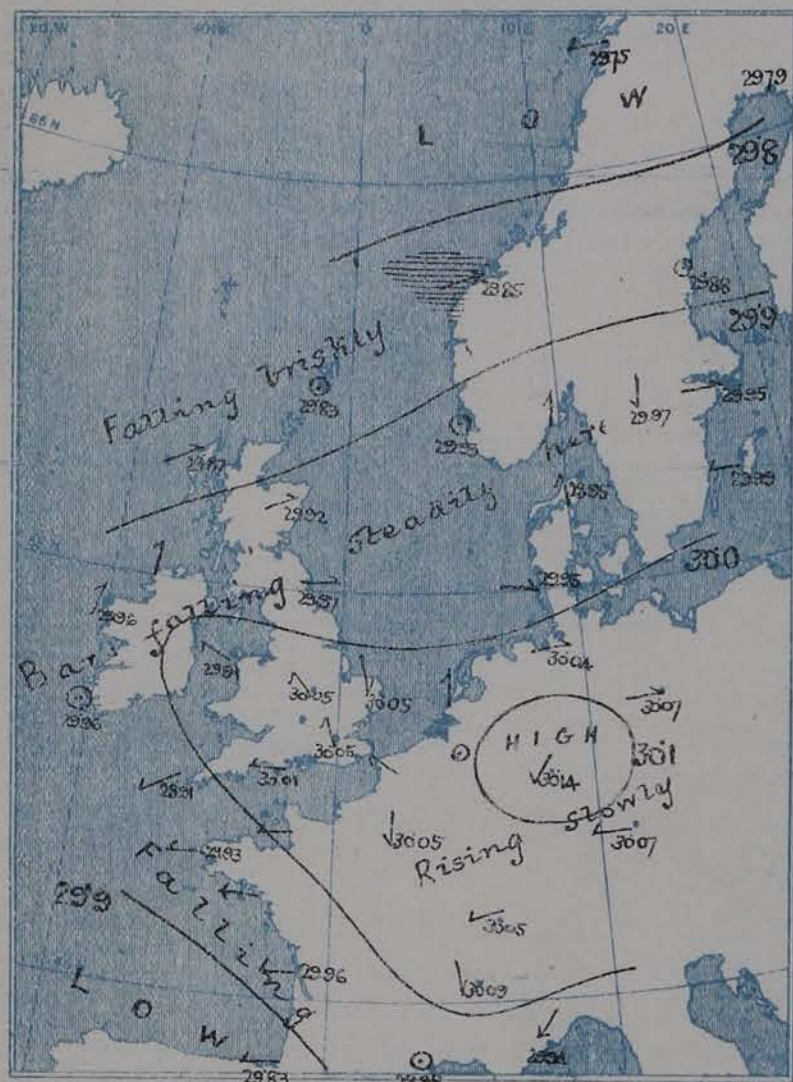
I. BAROMETER, WIND AND SEA. This Morning.

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

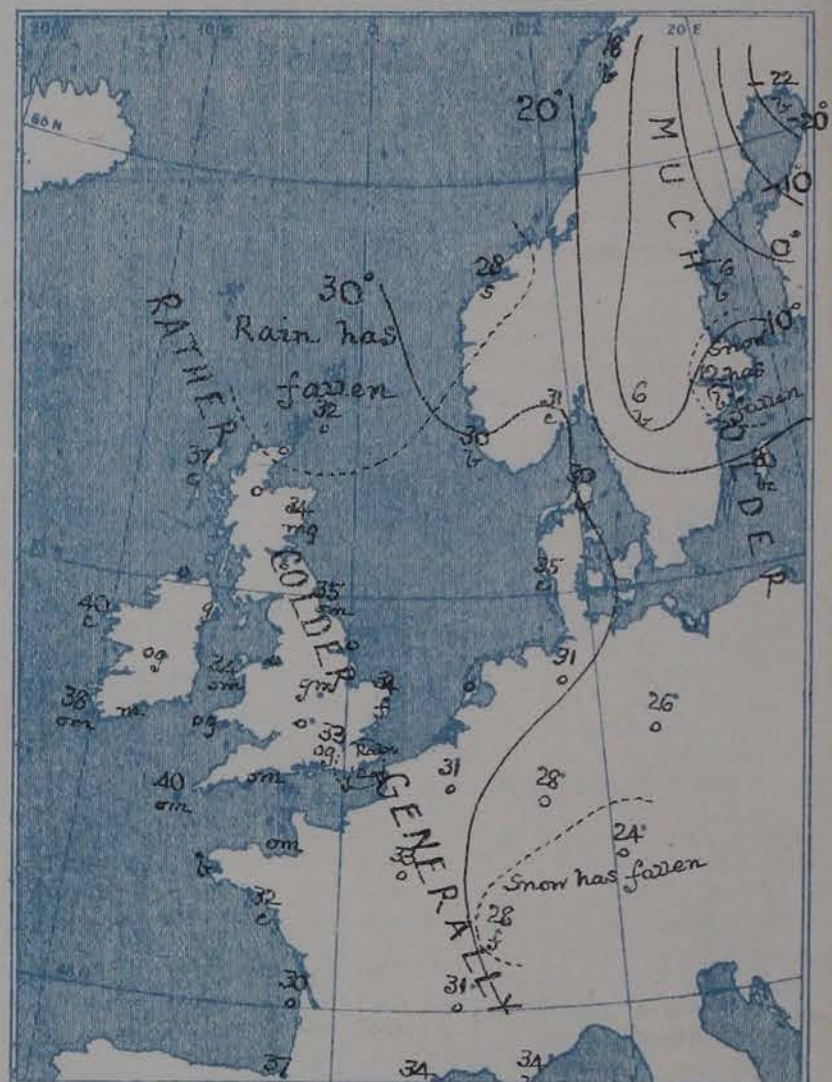


II TEMPERATURE AND WEATHER. This Morning.

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 in month of FEBRUARY (1871-1900)

Specimen { Highest Max., 60
(for Shields) { Lowest Min., 7
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 recently noticed over the northern parts of our area is moving quickly south-eastwards, and is still decreasing in intensity, the highest pressures now reported over western Germany being very little above 30.7 in. and about as high lower than those of Friday last. The barometer is falling at all but the German stations, chiefly on our own extreme northern coasts, and the lowest readings, 29.8 in. and less, are now found in a large shallow area lying over the north of Scandinavia. In the south-west of France, however, the mercury is below 29.9 in.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light breezes from the westward or south-westward are reported over all the more northern parts of the United Kingdom, as well as in Denmark and North Germany. In the south of our islands and in France and western and southern Germany, the wind is still easterly; in Scandinavia it is very variable. Temperature has fallen in most places and is low generally for the time of year. In our islands the lowest readings reported are 31° at Newton Reigay and Oxford and 32° at Liverpool, Loughborough and Bath, but it is only on our extreme northern, western and southern coasts that the thermometer is appreciably above the freezing point. Frost prevails at most of the Continental stations and is very severe in Sweden, the lowest readings reported being -22° Falt. at Haparanda and -6° at Helsingfors. The weather is dull over the whole of our islands, France and Germany, with mist in several places and fog at Yarmouth and Belfort; rain is falling at Biarritz. In Scandinavia and Denmark the weather is mostly fine, but snow is falling at Christianund. The sea is slight or smooth on nearly all coasts.

During yesterday the thermometer ^{remained} below 40° in most parts of the United Kingdom at Oxford it did not exceed 34°. At a large majority of our stations there was a complete absence of bright sunshine and in other places the amount was extremely small. Slight rain fell in Caithness and the Shetlands and also at Dungeness, but over the United Kingdom generally the weather was dry.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Cyclonic disturbances are likely to appear shortly off our extreme northern coasts, and unsettled weather is probable over our northern districts generally, with some increase in temperature. In the south the E. wind is likely to be replaced shortly by light W. breezes, but the weather there will remain cold for the present.

FORECASTS *

For the 24 hours ending at NOON on 6th February, 1902

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	SW ² winds, freshening; dull, some rain. milder.
1	SCOTLAND EAST	W ² to SW ² winds light, dull, misty, slight rain in places. Rather milder.
2	ENGLAND N.E.	
3	ENGLAND EAST	Variable breezes, finally W ² ; dull, cold, misty or foggy.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as No. 0.
7	ENGLAND N.W.	Same as Nos 1+2.
8	ENGLAND S.W.	E ² to SE ² or S ² winds, light, dull, misty.
9	IRELAND NORTH	Same as No. 0.
10	IRELAND SOUTH	S ² winds, moderate; dull, some rain. milder.

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	*	*	*	*	*	*	*	*	*	*	0	*	0	35	32	0.0	0.05
Newton Reigny (Penrith)	30.46	34	20	0	29.99	-26	31	30	+6	W 1	0	*	om	34	24	0.0	—
Bath	30.12	34	NE 2	0	30.04	-10	32	30	-3	NE 1	0	*	0	38	31	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.	38	33	c, 0	0.0	—	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	34	31	0	0.0	0.03	Llandudno	*	*	*	0.2	*
Lowestoft, 6 p.m.	36	32	0	0.0	0.01	Rhyl	*	*	*	0.0	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	26	33	0	0.0	—
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	37	33	0	0.0	—
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	34	30	0, mg.	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) <i>not recd.</i>				Ins.	Algiers	64	48	c c	—
Madrid	31	27	s — 0	—	Tunis	61	41	c 0	—
Corsica (I. Sanguinaires)	50	34	f m	0.24	Vienna	36	34	0 0	0.04
Rome	53	33	6 0	0.04	St. Petersburg	28	?	6 0	0.16
Florence	50	39	0 7	0.04	3 Feb -102		1 pm		Measured 7 a.m.
Trieste	59	3	0 0	0.35	Lugano	39	—	6	0.67
Brindisi	60	48	0 0	0.16	Davos	30	—	6	0.28
Naples	57	47	c 0	0.12	Lucerne	32	—	6	—
Palermo	65	47	0 0	—	Lausanne	34	—	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.

5 Feb., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.31	12.7	4.43
Greenwich	7.34	12.14	4.54
Wick	8.12	12.26	4.40
Valencia	8.17	12.55	5.33

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, 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 6th February 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° 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.	°	°
SCANDINAVIA.	Haparanda	29.77	-14	Z	0	0	29.84	+0.5	-15	-15	+7	NW	4	b	*	0	21	-26	*	-	
	Hernösand	29.88	-4	Z	0	0	29.95	-1.3	4	3	+10	Z	0	f	*	0	7	-6	*	-	
	Stockholm	30.08	19	Z	0	0	29.87	-0.8	24	23	+12	SE	2	0	*	0	24	10	*	-	
	Wisby	30.04	19	E	2	0	29.86	-1.3	26	24	+6	S	2	0	*	0	32	19	*	-	
	Karlstad	29.96	24	SW	2	0	29.75	-2.2	27	26	+21	S	2	0	*	0	*	*	*	-	
	Færder (X'ania Fjord)	29.89	32	SSW	4	0	29.60	-3.4	32	?	+1	S	4	s	2	0	34	30	*	-	
	Bodö	29.67	24	E	2	0	29.59	-1.6	19	16	+1	E	4	b	1	0	25	16	*	-	
	Christiansund	29.71	28	WSW	4	0	29.25	-6.0	33	28	+5	SE	5	0	5	0	30	27	*	0.12	
	Skudesnaes	29.77	35	SSE	6	0	29.42	-5.1	38	37	+8	SSW	6	0	4	0	38	30	*	*	
	BRITISH ISLANDS.	Sumburgh Head	29.49	38	SW	4	0	29.31	-5.2	33	32	+1	N	3	c	4	0	39	31	*	0.34
Stornoway		29.58	38	SW	4	+	29.41	-4.6	35	34	-2	NE	4	ts	5	0.7	41	33	0.1	0.16	
Malin Head		29.70	38	SSW	5	0	29.40	-5.2	38	37	+2	SW	5	c	3	0	38	35	*	-	
Blacksod Pt.		29.74	40	SW	4	+	29.45	-5.1	39	38	-1	SSW	4	cp	4	cm, r	41	37	*	0.16	
Valencia...		29.77	40	E	1	0	29.50	-4.6	37	35	-1	Z	0	0	2	cm, 0	40	37	0.0	-	
Roche's Point		29.81	37	E	3	m	29.55	-4.4	34	32	-2	NNE	3	b	3	m	40	32	*	-	
Parsonstown		29.80	35	SSE	3	0	29.52	-4.8	29	28	-5	SE	2	b	*	0	37	28	0.0	-	
Donaghadee		29.80	34	SW	2	c	29.51	-4.8	33	31	-2	SSW	2	c	2	c	39	32	*	-	
Liverpool Obsy.		29.85	32	SE	2	0	29.56	-4.6	32	31	0	SE	1	0	?	cm, 0	34	30	*	-	
Holyhead		? 29.85	35	SSW	2	cm	29.54	-4.7	37	35	+3	S	2	c	1	cm	37	33	*	-	
GERMANY, &c.	Pembroke (St. Ann's)	29.80	37	ENE	3	0	29.54	-4.8	36	35	+3	SE	4	bc, m	3	0	39	32	0.0	-	
	Scilly (St. Mary's)	29.74	41	E	5	0	29.45	-4.6	40	38	0	NE	5	c	3	0	43	37	0.0	-	
	Jersey (St. Aubins)	29.80	38	E	4	cm	29.49	-5.2	38	37	+2	ESE	3	omd	3	0, m, g	39	35	0.6	0.01	
	Portland Bill	29.83	38	ESE	3	0	29.54	-4.7	35	35	-1	ENE	3	om	3	0	39	34	*	-	
	Dungeness	29.91	35	ENE	1	0	29.58	-4.6	36	35	0	SSE	1	c	1	0	37	35	*	-	
	Wick	29.58	35	S	1	b	29.33	-5.1	35	35	-1	ENE	1	0	2	b	38	32	*	0.12	
	Nairn	29.61	35	WNW	1	bc	29.34	-5.6	36	36	+1	Z	0	+	1	bc	40	32	*	0.03	
	Aberdeen	29.68	35	SW	2	bc	29.37	-5.5	33	32	-1	SW	1	cm, s	1	ogm, bc	39	32	0.0	-	
	Leith	29.74	36	W	1	0	29.41	-5.2	36	33	+3	WSW	2	om	*	0	38	32	*	-	
	North Shields	29.81	35	S	3	om	29.48	-4.9	33	32	-2	SSW	3	om	2	om	37	31	*	-	
FRANCE.	Spurn Head	29.89	33	WSW	2	0	29.59	-4.1	32	31	-1	SSW	3	c	2	0	35	31	*	-	
	Yarmouth	29.91	33	WSW	2	c	29.61	-4.4	35	34	+1	Z	0	cf	3	c	35	31	*	-	
	Loughborough	29.89	32	SE	1	0	29.62	-4.3	31	30	-1	ESE	1	ogf	*	gm, 0	33	31	*	-	
	Oxford	29.86	34	SE	1	0	29.60	-4.6	32	31	+1	ENE	2	0	*	0	35	30	*	-	
	London (Brixton)	29.91	34	E	1	og	29.60	-4.5	34	33	+1	NE	1	ogm	*	ogf, og	36	32	0.0	-	
	The Scaw (Skagen)	29.89	32	S	2	c	29.70	-2.5	33	32	+3	SW	3	c	1	c	34	28	*	-	
	Fanö	29.91	35	W	4	0	29.74	-2.1	31	31	-4	SSE	4	0	*	0	37	30	*	-	
	Cuxhaven	30.02	32	SW	3	0	29.77	-2.7	29	28	-2	S	2	0	*	0	34	29	*	-	
	The Helder	29.95	32	WSW	1	m	29.69	-3.6	31	30	+1	SE	2	0	0	m	32	28	*	-	
	Brussels	*	*	*	*	*	29.63	-4.6	29	28	-2	ESE	1	0	*	bc	38	29	*	-	
SPAN. PEN.	Berlin	30.09	28	WSW	2	0	29.88	-1.9	23	22	+3	SE	3	b	*	0	30	23	*	-	
	Frankfurt	30.01	31	NE	2	b	29.80	-3.4	29	28	+1	SE	2	s	*	b	37	27	*	-	
	Munich	30.00	24	SE	2	b	29.84	-2.3	21	21	-3	SE	2	f	*	b	28	19	*	-	
	C. Gris Nez	29.91	33	SE	1	m	29.63	-4.0	29	29	-3	SE	2	m	2	m	36	28	*	-	
	Brest	29.71	40	ENE	3	c	29.42	-5.1	36	36	+2	ENE	4	+	3	c	48	34	*	0.08	
	Lorient	29.69	37	E	5	0	29.38	-5.3	41	41	+9	ESE	4	0	3	0	45	30	*	0.32	
	Rochefort	29.73	40	E	3	0	29.50	-4.6	46	45	+16	S	4	0	*	0	46	28	*	0.08	
	Biarritz	29.73	57	S	4	c	29.57	-2.6	63	56	+26	S	5	0	?	c	?	?	*	-	
	Paris	29.63	35	SE	2	b	29.62	-4.3	34	34	+1	SE	2	0	*	b	39	33	*	0.16	
	Belfort	29.94	30	ENE	4	m	29.73	-3.2	32	31	+4	ENE	4	+	*	m	33	28	*	-	

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, 6th February, 1902*

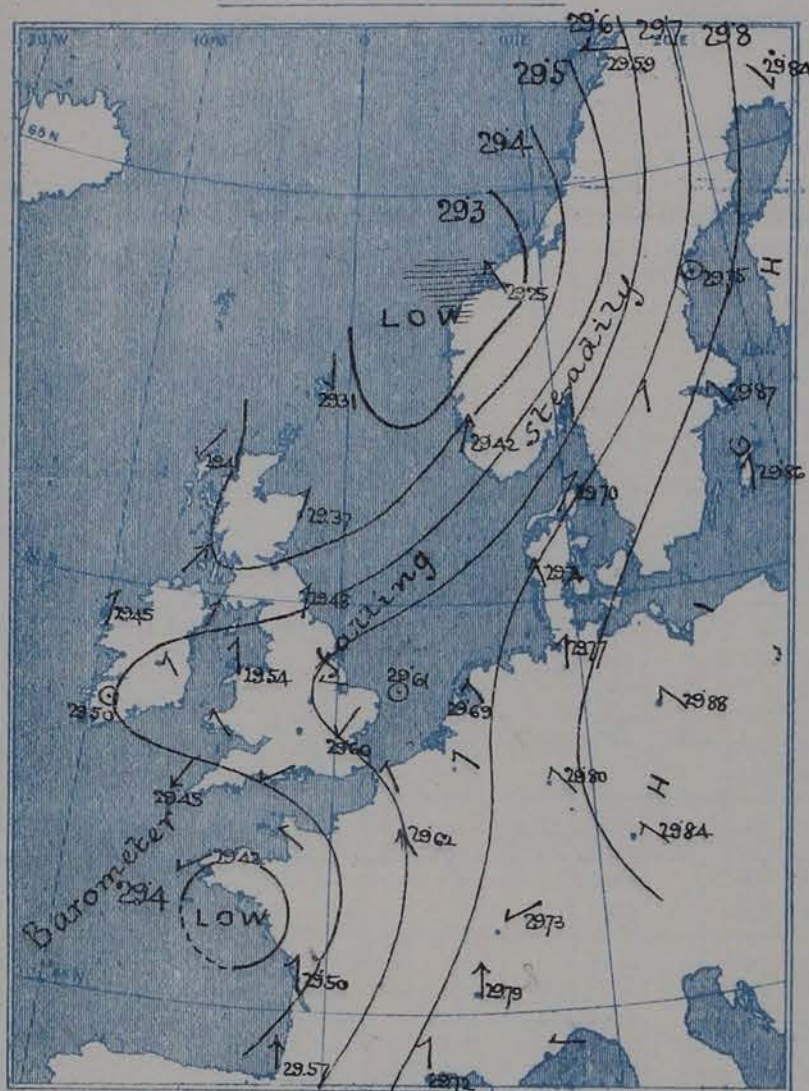
I. BAROMETER, WIND AND SEA. This Morning.

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

in month of FEBRUARY (1871-1900)

Specimen { Highest Max., 60
(for Shields) { Lowest Min., 7

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 to fall steadily over nearly the whole of our area and two well-defined cyclonic systems have appeared - one, with readings below 29.3 in. off the west of Norway, the other, with readings below 29.4 in. over the Bay of Biscay. The highest pressures, 29.8 inches and upwards, are at present found over Germany, the Baltic and the south of Sweden.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is moderate to fresh from the southward over the southern parts of France and light from the eastward or north-eastward in the north of that country and at our own southern stations. In most other parts of our area the wind is southerly or south-easterly, but in the north of Scotland it has shifted to the northward or north-eastward in the rear of the cyclonic system off the Norwegian coasts. The southerly breezes in the south of France are accompanied by a considerable rise of temperature, the reading of 63° at Biarritz being 26° higher than that of yesterday morning. A decided rise has occurred also in Sweden, but over north-western Europe generally the thermometer is still below the normal. Slight frost prevails in many parts of England and central Ireland, and a sharper frost in Germany, while in the north of Scandinavia the weather is still severe, the thermometer at Haparanda standing at -15° F. The sky is clear at some of our western stations, but is very cloudy over Western Europe generally, with fog or mist in several places; rain and sleet are falling in the north of Scotland, rain at Brest and Belfort, and snow at Fardes and Frankfurt. The sea is slight or smooth generally, but rather rough at Stornoway and Christiansund. During yesterday the thermometer in many parts of England did not rise above 35°; at Loughborough it only reached 33°. Over the United Kingdom generally there was an entire absence of bright sunshine and in the few places at which it was registered the amount was very small. Rain fell on our eastern north and north-west coasts and also in the west of Norway and many parts of France.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance over the Bay of Biscay is likely to move north-eastwards and to occasion rain or sleet in many parts of England, with freshening E. winds on our southern coasts. In the rear of this and of the northern disturbance, the wind will probably shift to the northward on many parts of our western coasts.

FORECASTS*

For the 24 hours ending at NOON on

7th February,

1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	N. & NE. winds, freshening; changeable, some snow showers.
1	{ SCOTLAND EAST	} Wind shifting to the N. or NE., unsettled, some snow.
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	} E. winds, freshening; fair at first, rain or sleet later. Becoming milder.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as Nos. 1 & 2.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	E. to NE. winds, light; unsettled, some snow or sleet showers.
9	{ IRELAND NORTH	} NE. to N. winds, fresh or strong; unsettled, some rain. Becoming milder.
10	{ IRELAND SOUTH	
		None issued.

WARNINGS

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	36	32	0.0	0.01
Newton Reigny (Penrith)	29.81	31	S 3	0	29.51	-.48	31	30	0	S 2	09	*	om	35	30	0.2	—
Bath	29.84	35	NE 1	C	29.55	-.49	32	31	0	E 1	0	*	C	35	31	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.	35	30	0	0.0	—	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	34	30	0	0.0	—	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	35	32	0	0.0	—	Rhyl	*	*	*	0.3	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	34	32	0	0.0	—
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	37	30	0	0.0	—
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	32	28	om	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) <i>not rec'd</i>				Ins.	Algiers	66	55	c c	Ins.
Madrid	42	40	r - m	0.51	Tunis	64	45	bc 0	—
Corsica (I. Sanguinaires)	48	37	r m	0.08	Vienna	36	19	b b	0.04
Rome	53	41	0 0	0.16	St. Petersburg	?	?	s s	—
Florence	46	34	r b	—	4 Feb. 1902				Measured 7 a.m.
Trieste	46	32	r s	0.08	Lugano	39	—	0	0.08
Brindisi	58	45	0 0	0.04	Davos	25	—	s	—
Naples	55	48	0 0	0.08	Lucerne	34	—	s	0.04
Palermo <i>not rec'd</i>					Lausanne	36	—	0	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.

6 Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.29	12.7	4.45
Greenwich	7.33	12.14	4.55
Wick	8.10	12.26	4.42
Valencia	8.15	12.55	5.35

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 7th February 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.	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.	Max.	Min.	Sun- shine. Hours	Rainfall. Ins.
SCANDINAVIA.	Haparanda	29.86	4	S	4	S	29.69	-15	10	9	+25	SE	6	S	2	S	10	-18	*	0.08	
	Hernösand	29.50	28	SE	2	S	29.28	-47	27	23	+23	Z	0	0	*	S	28	-8	*	0.20	
	Stockholm	29.59	30	SSE	2	0	29.36	-51	27	25	+3	W	2	0	*	0	32	16	*	-	
	Wisby	29.59	30	SE	2	0	29.38	-48	32	31	+6	SW	4	0	*	0	36	25	*	0.20	
	Karlstad	29.55	27	SW	2	0	29.33	-42	27	26	0	SSW	2	S	*	0	*	*	-		
	Færder (X'ania Fjord)	29.40	33	S	6	S	29.23	-37	36	35	+4	SSW	4	m	3	S	26	32	*	-	
	Bodö	29.36	21	E	6	0	29.30	-29	20	18	+1	E	6	C	2	0	21	16	*	-	
	Christiansund	29.25	34	W	6	S	29.23	-02	31	30	-2	W	4	C	5	S	37	30	*	0.04	
	Skudesnaes	29.29	36	SW	2	0	29.23	-19	33	31	-5	NE	2	0	2	0	38	32	*	*	
	Sumburgh Head	29.35	31	N	3	0	29.33	+02	26	24	-7	N	1	b	3	S, 0	38	25	*	0.03	
BRITISH ISLANDS.	Stornoway	29.45	32	NNE	5	0	29.50	+09	22	21	-13	NW	5	esp	6	S, 6, 0	39	21	2.8	0.18	
	Malin Head	29.39	39	N	4	cp	29.45	+05	36	34	-2	NE	6	bc	4	cp	40	34	*	0.05	
	Blacksod Pt.	29.39	41	W	1	bcp	29.39	-06	39	36	0	ENE	5	C	4	bcp	44	37	*	0.10	
	Valencia	29.43	40	SSE	2	cm	29.36	-14	39	38	+2	SSE	2	0	3	bcm, cm	46	37	6.3	0.21	
	Roche's Point	29.44	38	W	1	bcm	29.42	-13	36	35	+2	SW	2	md	3	C, bcm	43	30	*	-	
	Parsonstown	29.42	38	SSE	2	0	29.39	-13	34	33	+5	SE	1	ot	*	0	45	28	6.6	0.07	
	Donaghadee	29.40	38	SW	2	0	29.41	-10	38	36	+5	NNE	2	bc	2	0	41	31	*	-	
	Liverpool Obsy.	29.45	35	SE	1	0	29.44	-12	33	32	+1	SSE	1	0	?	cm, 0	36	32	*	-	
	Holyhead	29.43	38	SSW	2	bc	29.42	-12	37	35	0	WSW	1	C	1	cp, bc	39	35	*	-	
	Pembroke (St. Ann's)	29.44	38	SE	2	0	29.44	-10	34	33	-2	ENE	3	C	3	0	39	34	1.7	-	
GERMANY, &c.	Scilly (St. Mary's)	29.39	42	NNE	3	cm	29.41	-04	41	38	+1	NNE	1	C	2	cm	44	37	0.5	-	
	Jersey (St. Aubins)	29.35	41	NE	2	otf	29.41	-08	41	40	+3	NNE	2	cm	2	rs, otf, gp	42	37	0.0	0.48	
	Portland Bill	29.41	35	NNE	3	adm	29.44	-10	34	33	-1	NNE	1	0	2	cm, adm	38	33	*	0.06	
	Dungeness	29.39	38	E	1	+	29.39	-19	34	33	-2	NNE	2	+	1	0, +	39	33	*	0.20	
	Wick	29.30	30	N	3	0	29.45	+12	25	25	-10	WNW	1	C	1	0, S	40	20	*	0.11	
	Nairn	29.37	34	WNW	1	C	29.44	+10	25	25	-11	Z	0	b	1	C	36	24	*	0.32	
	Aberdeen	29.32	34	NW	2	C	29.41	+04	30	29	-3	NW	3	bc	2	grasp, C	37	29	0.0	0.11	
	Leith	29.35	37	WSW	2	+	29.44	+03	32	31	-4	Z	0	C	*	+	43	31	*	0.08	
	North Shields	29.40	37	SW	2	cm	29.39	-09	34	33	+1	NW	2	C	2	km, osp	40	31	*	-	
	Spurn Head	29.45	39	SW	3	bc	29.40	-19	31	31	-1	W	2	bf	2	bc	39	30	*	-	
FRANCE.	Yarmouth	29.45	36	SE	3	C	29.40	-21	35	34	0	NW	2	cf	3	0, C	37	33	*	-	
	Loughborough	29.47	31	SE	1	C	29.45	-17	28	28	-3	WNW	1	cm	*	C, bc, cm	40	25	*	-	
	Oxford	29.44	33	NNE	2	0	29.46	-14	27	26	-5	N	1	bcm	*	0	35	27	*	-	
	London (Brixton)	29.42	38	E	3	0	29.42	-18	34	32	0	NNE	2	og	*	C, og	40	34	0.0	-	
	The Scaw (Skagen)	29.47	31	SSW	3	m	29.32	-38	30	29	-3	SW	3	m	1	m	34	28	*	-	
	Fanö	29.51	28	SSE	2	C	29.39	-35	28	27	-3	SSE	1	0	*	C	32	27	*	-	
	Cuxhaven	29.81	28	Z	0	0	29.36	-41	28	26	-1	E	1	0	*	0	30	?	*	-	
	The Helder	29.51	32	ESE	1	0	29.37	-32	31	30	0	NE	1	C	0	0	34	30	*	-	
	Brussels	*	*	*	*	*	29.34	-29	34	34	+5	Z	0	f	*	+	39	29	*	0.55	
	Berlin	29.61	33	S	2	0	29.37	-51	36	36	+13	S	2	+	*	+	36	23	*	0.08	
SPAN. PEN.	Frankfurt	29.52	35	Z	0	+	29.40	-40	41	41	+12	SW	2	+	*	+	41	29	*	0.83	
	Munich	29.69	35	SW	2	0	29.60	-24	42	39	+21	Z	0	C	*	0	45	21	*	-	
	C. Gris Nez	29.42	37	SE	3	+	29.39	-24	36	36	+7	ENE	5	+	4	+	48	29	*	0.47	
	Brest	29.32	39	ENE	2	f	29.41	-01	42	41	+6	NNE	1	0	2	f	43	36	*	0.51	
	Lorient	29.32	50	SW	4	f	29.37	-01	45	45	+4	NE	2	+	2	+	52	41	*	0.35	
	Rochefort	29.51	52	SW	7	+	29.50	00	49	49	+3	SSW	4	0	*	+	54	?	*	0.28	
	Biarritz	29.64	63	SW	5	C	29.59	+02	61	57	-2	S	5	C	2	C	64	59	*	-	
	Paris	29.43	45	S	2	0	29.39	-23	51	50	+17	SSW	4	0	*	0	51	?	*	0.20	
	Belfort	29.63	39	SW	3	+	29.56	-17	47	46	+15	WSW	4	+	*	+	47	32	*	0.39	
	Lyons	29.69	51	S	5	+	29.63	-16	52	47	+8	S	3	0	*	+	52	44	*	-	
Nice	29.97	40	E	3	+	29.89	-11	42	42	+2	E	3	+	4	+	43	37	*	0.39		
Perpignan	29.73	51	Z	0	b	29.68	-04	48	48	-3	Z	0	0	*	b	62	42	*	-		
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, 7TH FEBRUARY, 1902

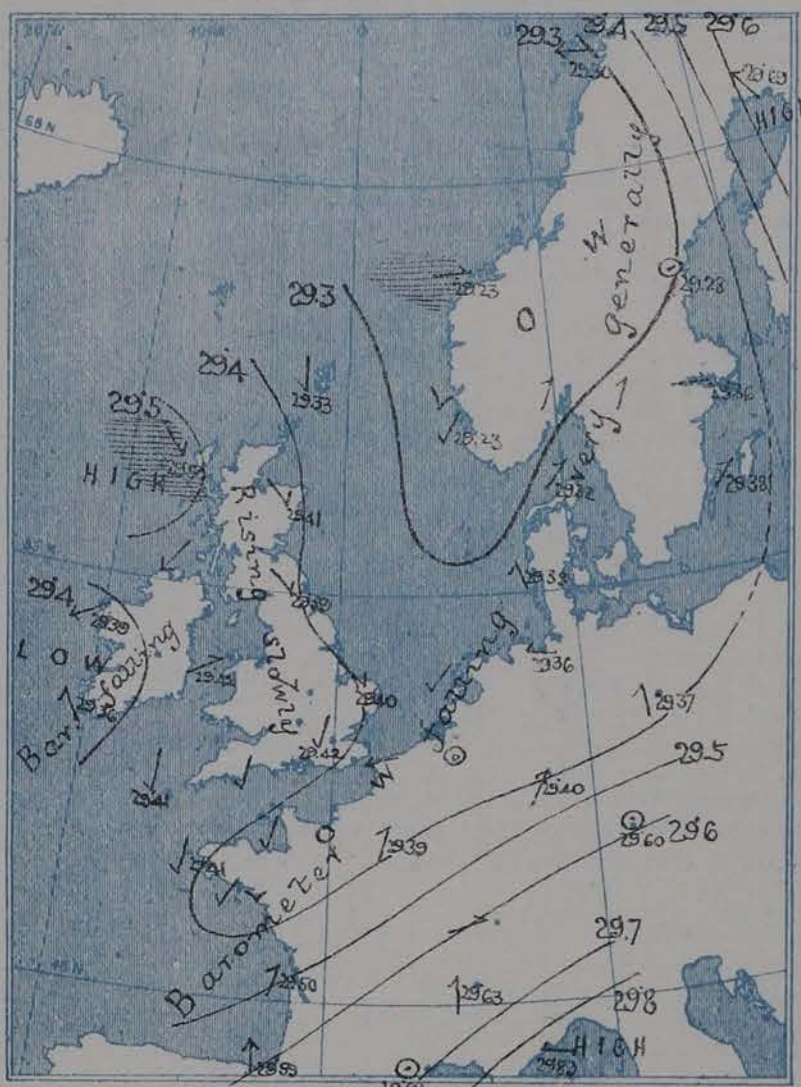
I BAROMETER, WIND AND SEA. This Morning.

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

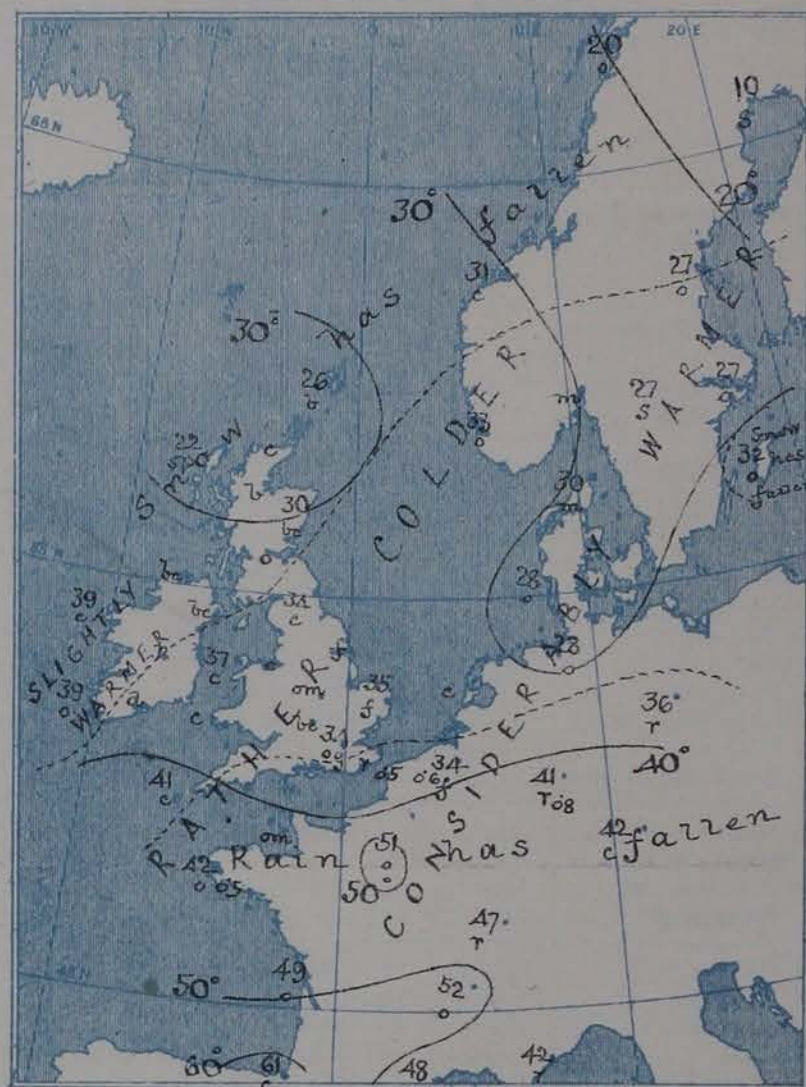


II TEMPERATURE AND WEATHER. This Morning.

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 EXTREMES OF TEMPERATURE

in month of FEBRUARY (1871-1900)

Specimen { Highest Max. 60
(for Shields) { Lowest Min. 7

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 distribution of barometrical pressure is now very irregular. The highest readings, 29.8 in. and upwards, are found in the south of France, but the barometer is almost equally high in Lapland. The lowest pressures, 29.3 in. and less, are found in a large cyclonic area covering the greater part of Scandinavia, but a narrow trough in which the barometer is below 29.4 in. is lying over the Netherlands and the northern parts of France and Germany, while a new cyclonic system with similar values is spreading over Ireland from the westward.

WIND

TEMPERATURE

WEATHER

AND

SEA

With these conditions the winds are naturally rather variable. On our own north and east coasts they are light from the north-westward and in the south of England light from the northward. In Ireland the effect of the new Atlantic disturbance is shown by light S.W. winds in the south, but freshening N.E. winds in the north. At most of the Continental stations the wind is light to moderate from the southward or south-westward, but in the north of Scandinavia it is strong from south-east or east. Temperature has fallen in most parts of Great Britain and also on the eastern shores of the North Sea, but has risen elsewhere. Frost is reported over central England and a sharp frost in Scotland, the readings being as low as 22° at Stornoway and 25° at Wick and Nairn. Over the central and southern parts of France the thermometer is mostly above 50° and at Biarritz it is as high as 61°. The weather is fine at several of our own northern stations, but is cloudy elsewhere, with fog or mist in many parts of England; rain is falling in the south of Ireland and at many stations in Germany and the north of France, and snow at Stornoway, Kopparvick and Karlstad. The sea is slight or smooth generally, but rough at Stornoway.

Considerable quantities of rain have fallen in France, Germany and the extreme south of England, and snow over nearly the whole of Scotland. Scarcely any bright sunshine was recorded yesterday over Great Britain, but at Parnassus and Valencia the duration exceeded 6 hours. During the night the sheltered thermometer has fallen to 20° at Wick, 21° at Stornoway, 26° at Nairn and 25° at Dunburgh Head and Loughborough.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The trough of low pressure lying to the southward of our islands is likely to fill up and the weather over the greater part of England will probably remain fair, but with fog or mist in most districts. The cyclonic area off the west of Ireland is likely to spread eastwards and to occasion rain at most of our western stations.

FORECASTS *

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

NW & N winds, moderate; changeable,
some snow showers.

6 { SCOTLAND
WEST

Same as Nos. 0 & 1.

1 { SCOTLAND
EAST

7 { ENGLAND
N.W.

Variable breezes finally SE; fair at first,
some rain later.

2 { ENGLAND
N.E.

NW to variable breezes; fair generally,
but some mist or fog.

8 { ENGLAND
S.W.

3 { ENGLAND
EAST

9 { IRELAND
NORTH

E & NE winds, strong; fair at first, rain or
sleet later.

4 { MIDLAND
COUNTIES

N to variable breezes; fair generally, but
foggy or misty tonight. Milder tomorrow.

10 { IRELAND
SOUTH

SE winds, freshening; dull, some rain.
Milder.

5 { ENGLAND
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	*	*	*	*	*	*	*	*	*	*	0	*	b, o	39	33	5.5	0.06
Newton Reigny (Penrith)	29.41	30	SE	bc	29.42	-0.09	30	29	-1	20	c	*	od, chm	36	27	1.2	0.01
Bath	29.45	34	NE	o	?	?	29	28	-3	E	f	*	o	35	24	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.	36	30	c	0.0	—	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	37	30	b	3.5	—	Llandudno	*	*	*	0.2	*
Lowestoft, 6 p.m.	37	32	p	0.0	—	Rhyl	*	*	*	0.5	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m. ...	36	31	o, c	0.0	—
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m. ...	37	31	o	0.5	—
Brighton	*	*	*	0.0	*	Darwen, 9 p.m. ...	33	28	b	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)	*	*	*	Ins.	Algiers	66	38	o c	—
Madrid	*	*	*	—	Tunis	49	33	c c	—
Corsica (I. Sanguinaires) ...	50	39	f	—	Vienna	32	18	c b	—
Rome	51	34	b	—	St. Petersburg	5	-11	o o	—
Florence	45	39	b	—	5 Feb/02				Measured 7 a.m.
Trieste	39	32	a	—	Lugano	59	—	b	0.16
Brindisi	57	41	r	0.04	Davos	25	—	b	0.04
Naples	54	39	b	—	Lucerne	34	—	c	0.28
Palermo	63	43	b	—	Lausanne	36	—	b	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.

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.

7 Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.27	12.7	4.47
Greenwich	7.31	12.14	4.57
Wick	8.8	12.26	4.44
Valencia	8.13	12.55	5.37

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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 8th February 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° 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.
Ins.		Ins.	Ins.	°	°	°	Ins.	Ins.	°	°	°	Ins.	Ins.	°	°	°	Ins.				
SCANDINAVIA.	Haparanda	29.38	9	SE	2	S	29.26	-43	3	3	-7	NE	4	S	*	S	12	-18	*	0.35	
	Hernösand	29.18	24	Z	0	0	29.23	-05	14	13	-13	Z	0	0	*	0	28	14	*	0.08	
	Stockholm	29.26	24	W	2	0	29.19	-17	27	26	0	SSW	2	S	*	0	30	14	*	0.04	
	Wisby	29.26	29	NE	4	0	29.30	-08	29	25	-3	W	6	bc	*	0	36	28	*	—	
	Karlstad	29.22	29	WSW	2	0	29.15	-18	27	25	0	W	2	S	*	0	*	*	*	0.08	
	Færder (X'ania Fjord)	29.11	32	NW	4	0	29.24	+01	27	24	-9	NW	4	b	2	0	36	27	*	0.16	
	Bodö	29.25	20	E	4	0	29.25	-05	11	9	-9	ENE	3	b	1	0	23	9	*	—	
	Christiansund	29.25	31	WSW	5	S	29.15	-08	30	28	-1	W	8	S	6	S	32	28	*	0.24	
	Skudesnaes	29.29	31	NNW	5	0	29.34	+11	27	26	-6	E	2	C	2	b,0	34	27	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.30	30	NW	2	0	29.32	-01	30	29	+4	NW	3	C	3	b,0	36	24	*	0.01	
	Stornoway	29.52	29	NNE	5	S	29.51	+01	27	25	+5	NNW	4	b	4	sp,b,s	37	20	5.9	0.17	
	Malin Head	29.41	36	NE	5	C	29.42	-03	34	32	-2	NE	6	bc	5	bc,c	38	32	*	—	
	Blacksod Pt.	29.36	36	NE	6	csp,m	29.42	+03	37	33	-2	NE	4	b	3	csp,m	39	34	*	0.01	
	Valencia	29.30	38	NE	1	C	29.42	+06	38	35	-1	N	3	C	3	op,c	44	35	0.5	0.16	
	Roche's Point	29.33	41	WNW	2	C	29.36	-06	35	34	-1	NW	3	0	4	p,c,l	43	34	*	0.28	
	Parsonstown	29.32	35	SE	2	0	29.33	-06	32	31	-2	NE	4	ot	*	o,r,s	38	32	0.0	0.17	
	Donaghadee	29.41	35	E	2	S	29.30	-11	37	36	-1	SE	4	ty	5	rs,b	41	32	*	0.87	
	Liverpool Obsy.	29.46	36	SE	1	0	29.33	-11	31	31	-2	ESE	3	S	?	om,s	38	31	*	0.25	
Holyhead	29.42	39	SE	3	0	29.25	-17	34	34	-3	ENE	2	os	1	bc,0	41	33	*	0.12		
Pembroke (St. Ann's)	29.43	42	S	4	bc	29.28	-16	41	38	+7	NW	5	cq	6	bc,t	43	34	5.6	0.31		
GERMANY, &c.	Scilly (St. Mary's)	29.45	43	S	4	op,m	29.35	-06	43	41	+2	WNW	6	cq	4	c,ot,m,l	46	38	5.5	0.21	
	Jersey (St. Aubins)	29.49	40	NE	1	op,f	29.45	+04	44	40	+3	WSW	6	C	5	op,f,gat	44	40	0.0	0.08	
	Portland Bill	29.49	37	NE	1	bm	29.34	-10	41	40	+7	W	3	b	3	bm	41	34	*	0.03	
	Dungeness	29.46	36	NNE	1	0	29.41	+02	38	36	+4	SSW	2	C	2	o,r,sp	38	33	*	0.09	
	Wick	29.46	27	WNW	3	bc	29.42	-03	24	24	-1	W	1	bc	2	bc	29	18	*	0.12	
	Nairn	29.50	25	W	1	b	29.46	+02	26	26	0	W	1	b	1	b	33	18	*	—	
	Aberdeen	29.49	27	WNW	2	b	29.47	+06	24	23	-6	W	1	bm	1	b	32	23	6.0	0.01	
	Leith	29.47	33	ESE	1	b	29.45	+01	30	30	-2	Z	0	os	*	b	38	28	*	0.02	
	North Shields	29.48	37	N	1	om	29.41	+02	32	32	-2	NW	1	S	2	bc,om	38	30	*	0.20	
FRANCE.	Spurn Head	29.47	36	N	3	b	29.40	-00	36	35	+5	ENE	3	bc	3	b	40	30	*	—	
	Yarmouth	29.45	37	N	2	bm	29.41	+01	35	34	0	S	2	t	4	bm	40	31	*	0.02	
	Loughborough	29.49	32	E	1	b	29.39	-06	31	31	+3	SE	1	os	*	bc,om	40	26	*	—	
	Oxford	29.52	30	W	1	bc	29.37	-09	32	31	+5	SSE	1	S	*	bc,0	41	27	*	—	
	London (Brixton)	29.48	36	Z	0	0	29.39	-03	34	33	0	SSW	1	0	*	og,gf,c	39	32	0.1	—	
	The Scaw (Skagen)	29.19	35	W	4	b	29.32	-00	32	31	+2	WNW	3	b	1	b	36	28	*	—	
	Fanö	29.42	34	W	2	b	29.47	+08	31	30	+3	W	1	C	*	b	36	28	*	—	
	Cuxhaven	29.42	29	Z	0	m	29.50	+14	23	22	-5	Z	0	f	*	m	30	22	*	—	
	The Helder	29.43	37	NNW	1	m	29.45	+08	32	31	+1	SE	1	C	0	m	39	30	*	—	
SPAN. PEN.	Brussels	*	*	*	*	*	29.43	+09	31	31	-3	NW	1	S	*	0	35	30	*	0.16	
	Berlin	29.36	37	WNW	2	t	29.50	+13	32	31	-4	E	2	0	*	t	43	30	*	0.12	
	Frankfurt	29.41	45	SW	2	t	29.40	-00	37	36	-4	ENE	1	0	*	t	50	32	*	0.59	
	Munich	29.58	43	SW	3	0	29.53	-07	42	42	0	SW	4	t	*	0	50	37	*	0.08	
	C. Gris Nez	29.45	36	E	1	0	29.45	+06	36	36	0	SW	1	t	1	0	48	36	*	0.08	
	Brest	29.52	43	NNW	2	C	29.42	+01	42	42	0	WNW	5	C	5	C	46	41	*	—	
	Lorient	29.50	45	W	3	0	29.57	+20	45	42	0	W	6	C	5	0	52	39	*	0.04	
	Rochefort	29.54	51	WSW	4	f	29.41	+21	46	45	-3	W	4	t	*	f	54	43	*	0.32	
	Biarritz	29.67	56	SSE	2	0	29.88	+29	57	50	-4	WSW	5	C	3	0	63	41	*	0.12	
SPAN. PEN.	Paris	29.47	39	NNW	3	0	29.50	+11	38	37	-13	WSW	2	0	*	0	53	37	*	0.08	
	Belfort	29.50	47	WSW	6	0	29.45	-11	46	45	-1	WSW	5	t	*	0	50	45	*	0.32	
	Lyons	29.62	53	SSW	2	0	29.62	-01	46	44	-6	SSW	1	0	*	0	57	45	*	0.04	
	Nice	29.75	46	Z	0	f	29.64	-25	45	45	+3	Z	0	f	4	f	46	39	*	0.47	
	Perpignan	29.64	51	Z	0	0	29.75	+07	51	48	+3	NW	2	0	*	0	57	40	*	—	
	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 SATURDAY 8TH FEBRUARY, 1902

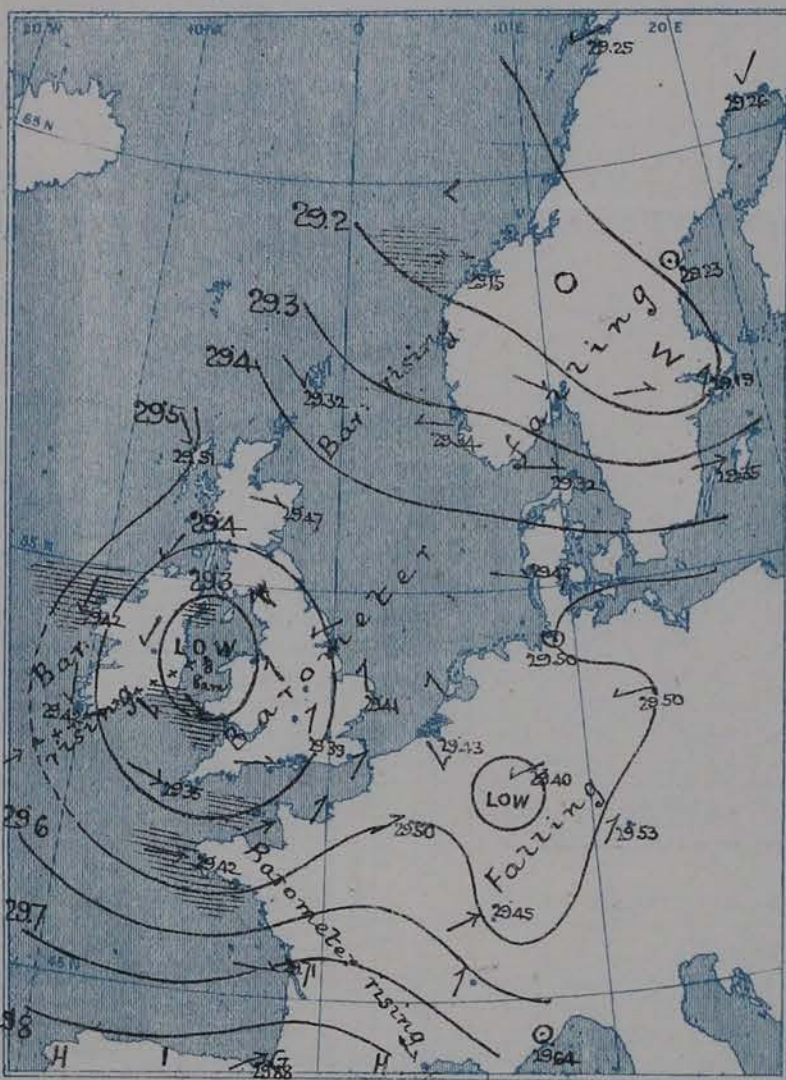
I. BAROMETER, WIND AND SEA. This Morning.

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

in month of FEBRUARY (1871-1900)

Specimen { Highest Max, 60
(for Shields) { Lowest Min, 7

Malin Head & Blacksod Belmullet Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure is highest, 29.8 in. and upwards, in the south of France, and lowest 29.2 in. and less, in a shallow cyclonic area over Scandinavia. In the course of the night, however, a new and well defined, though somewhat shallow, disturbance has advanced over our own western coasts, from the south-westward, its centre being now found over the St. George's Channel, where the barometer has fallen below 29.3 in. Over Great Britain the mercury is still falling, but in Ireland it is beginning to rise again.

WIND

TEMPERATURE

WEATHER

AND

SEA

Over Ireland and England the wind circulates round the western disturbance and in the Scilly and the Channel Islands the W. wind blows strongly, fresh breezes from the same quarter being reported over the Bay of Biscay. Over Scotland and the eastern shores of the North Sea the wind is affected by the Scandinavian depression, being chiefly light from the westward, but blowing a gale at Christianund. Over Germany there is another cyclonic circulation of light breezes around a small shallow low pressure area lying near Frankfurt. Temperature has risen over the greater part of England and also in the Shetlands and Hebrides, but has fallen elsewhere. A light frost is again reported over the northern and central parts of England and sharp frost in Scotland, the thermometer at Wick and Aberdeen standing as low as 24°. In the west of France the readings are mostly as high as 45°, and at Biarritz there is a temperature of 57°. The weather is cloudy and unsettled over Western Europe as a whole, with snow over all the more northern and central parts of England, as well as in the south of Scotland and at many of the Scandinavian stations; rain is falling in several parts of Ireland and France. In the north of Scotland the weather is at present fine. The sea is rough at Pembroke and rather rough at several of our western stations. Rain or snow has fallen at all our western and northern and at many of the Continental stations. The duration of bright sunshine yesterday was generally very small, but at Stornoway, Pembroke and Scilly it amounted to more than 5 hours and at Aberdeen to 6 hours. Lightning was seen last night at Roche's Point and Scilly and a bright aurora at Stornoway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance in the west is likely to move slowly eastwards, and in its rear the wind will probably freshen from the northward or north-westward on our western coasts. The weather over England is likely to remain very unsettled today, with snow and rain in most districts, but some improvement will probably take place tomorrow.

FORECASTS *

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	NW ² & N ¹ winds, moderate; changeable, some snow showers.	6 { SCOTLAND WEST	E ³ to N ³ winds, freshening; snow at first, but improving later.
1 { SCOTLAND EAST	Variable breezes, finally N ³ ; snow at first, some improvement later.	7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	NW ³ winds, strong; squally, some showers.
3 { ENGLAND EAST	S ⁴ to W ³ winds, freshening; sleet or cold rain at first, improving later. Rather milder.	9 { IRELAND NORTH	N ³ winds, freshening; fair generally, but some snow or sleet showers in places.
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH			— None issued. —
		WARNINGS	

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, bc	39	32	1.2	—
Newton Reigny (Penrith)	29.45	33	SE 1	c	29.36	-0.6	29	29	-1	ESE 1	5	*	0.05, m	39	29	2.3	0.20
Bath	29.45	38	E 1	o	29.32	?	33	32	+4	E 1	5	*	0	40	28	1.6	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.	37	26	c	2.7	—	Worthing	*	*	*	0.0	—
Birmingham, 9 p.m.	39	27	b	0.2	—	Llandudno	*	*	*	0.1	—
Lowestoft, 6 p.m.	40	34	c	1.6	—	Rhyl	*	*	*	?	—
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	37	32	oh, p, o	0.0	0.02
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	37	30	o	0.0	—
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	36	29	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) <i>Not recd</i>				Ins.	Algiers	74	59	b	b
Madrid	59	46	c - c	0.24	Tunis	70	50	bc	bc
Corsica (I. Sanguinaires)	52	41	f. m	—	Vienna	34	30	o	o
Rome	52	46	o	—	St. Petersburg	9	-11	o	o
Florence	46	41	r	0.51	6. Feb. - /02 1 p.m.				Measured 7 a.m.
Trieste	45	37	o	0.16	Lugano	36	—	o	—
Brindisi	47	36	bc	—	Davos	36	—	o	—
Naples	53	41	c	—	Lucerne	37	—	o	—
Palermo	62	47	b	—	Lausanne	37	—	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.

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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.

8 Feb., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.26	12.7	4.48
Greenwich	7.30	12.14	4.58
Wick	8.6	12.26	4.46
Valencia	8.12	12.55	5.38

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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 9th February 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	29.25	-11	NNW	2	b	29.43	+1.7	-29	-31	-32	Z	0	b	*	b	5	?	*	0.04
	Hernösand	29.16	19	Z	0	o	29.35	+1.2	9	8	-5	Z	0	o	*	o	25	9	*	—
	Stockholm	29.38	25	Z	0	o	29.29	+1.0	11	11	-16	W	2	b	*	o	28	?	*	—
	Wisby	29.38	31	SW	6	o	29.30	.00	29	28	0	N	4	c	*	o	34	28	*	—
	Karlstad	29.35	14	W	2	b	29.42	+2.7	-2	-2	-29	N	2	b	*	b	*	*	*	—
	Færder (X'iania Fjord)	29.36	28	W	2	b	29.35	+1.1	23	22	-4	NNE	2	m	1	b	30	23	*	—
	Bodö	29.34	8	ENE	2	b	29.44	+1.9	8	5	-3	E	2	b	1	b	11	3	*	—
	Christiansund	29.29	31	WNW	3	s	29.36	+2.1	27	25	-3	E	5	o	5	s	32	25	*	0.75
	Skudesnaes	29.38	33	SSW	2	o	29.34	.00	28	27	+1	NE	4	c	2	o	34	27	*	*
	Sumburgh Head	29.26	31	NW	2	bc	29.33	+0.1	34	33	+4	NE	3	o	4	b, bc	36	25	*	—
BRITISH ISLANDS.	Stornoway	29.43	31	NNW	3	s	29.42	-0.9	32	32	+5	N	8	s	8	c, s	37	24	0.8	0.36
	Malin Head	29.50	36	N	4	c	29.46	+0.4	37	35	+3	NW	6	b, hsq	5	c	37	32	*	0.03
	Blacksod Pt.	29.51	36	ENE	4	o	29.60	+1.8	33	31	+4	Z	0	b	2	c, o	37	31	*	—
	Valencia	29.53	36	WSW	1	omp	29.51	+0.9	35	33	-3	ENE	3	o	4	sp, omp	39	35	1.5	0.25
	Roche's Point	29.49	38	NNW	3	c	29.57	+2.1	33	33	-2	ESE	3	s	3	c	40	33	*	0.02
	Parsonstown	29.50	34	NNE	3	o	29.58	+2.5	23	22	-9	NE	1	c	*	o	37	22	0.0	—
	Donaghadee	29.47	36	E	4	bc	29.45	+1.5	31	29	-6	NNW	3	bc	2	bc	36	27	*	—
	Liverpool Obsy.	29.39	33	ENE	3	s	29.42	+0.9	35	33	+4	W	5	bc	3	o, m, s	35	29	*	0.22
	Holyhead	29.38	35	NE	3	cm	29.48	+2.3	36	34	+2	WNW	4	bc	3	sp, cm	36	33	*	0.32
	Pembroke (St. Ann's)	29.37	39	WNW	5	c	29.52	+2.4	34	31	-7	E	1	bc	3	c	41	32	0.6	0.02
GERMANY, &c.	Scilly (St. Mary's)	29.47	43	WNW	8	cmq	29.50	+1.5	40	37	-3	NW	1	b, bc	5	o, cmq	46	34	6.6	0.07
	Jersey (St. Aubins)	29.50	44	WSW	6	cmq	29.53	+0.8	39	35	-5	WNW	3	bm	3	cm, q, h	48	38	3.5	0.23
	Portland Bill	29.41	42	WNW	5	bc	29.53	+1.9	33	32	-8	NNW	3	bm	3	bc	44	33	*	—
	Dungeress	29.41	37	WNW	1	bc	29.45	+0.4	33	32	-5	NW	2	c	1	o, bc	43	32	*	0.17
	Wick	29.30	27	N	3	o	29.30	-1.2	23	23	-1	N	2	bc	2	o	30	19	*	0.08
	Nairn	29.38	27	W	1	b	29.32	-1.4	32	31	+7	NW	1	c	1	b	33	23	*	0.09
	Aberdeen	29.40	27	W	2	b	29.32	-1.5	25	24	+1	W	2	b	1	b	33	20	5.2	—
	Leith	29.44	29	Z	0	m	29.32	-1.3	31	31	+1	WSW	2	c	*	m	33	24	*	—
	North Shields	29.41	34	NE	1	osp	29.33	-0.8	26	26	-6	W	2	bc	2	s, osp	34	19	*	0.08
	Spurn Head	29.37	35	N	2	s	29.37	-0.3	28	28	-8	NW	4	c	4	s	38	25	*	0.06
FRANCE.	Yarmouth	29.36	36	SSE	2	od	29.38	-0.3	31	30	-4	NW	4	bm	4	od, s	37	30	*	0.06
	Loughborough	29.38	32	SE	1	o	29.45	+0.6	21	20	-10	NW	1	cm	*	gm, spb	33	20	*	0.20
	Oxford	29.39	35	SW	1	o	29.52	+1.5	27	26	-5	NW	1	b	*	sp, o	37	27	*	0.14
	London (Brixton)	29.39	36	W	1	o	29.50	+1.1	32	30	-2	W	1	b	*	o, sp, s, o	38	31	*	0.09
	The Scaw (Skagen)	29.37	29	WNW	1	b	29.34	+0.2	30	29	-2	NW	1	b	0	b	36	27	*	—
	Fanö	29.44	32	S	1	b	29.39	-0.8	28	28	-3	S	1	c	*	b	36	28	*	—
	Cuxhaven	29.43	32	Z	0	o	29.41	-0.9	23	23	0	Z	0	f	*	o	34	?	*	—
	The Helder	29.43	32	SE	1	c	29.27	-1.8	31	31	-1	SSE	1	m	0	c	34	27	*	0.04
	Brussels	*	*	*	*	*	29.43	.00	34	33	+3	SW	4	o	*	c	37	30	*	0.24
	Berlin	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SPAN. PEN.	Frankfurt	29.49	40	SW	4	o	29.46	+0.6	40	38	+3	SW	4	+	*	o	43	37	*	0.24
	Munich	29.66	37	W	6	b	29.62	+0.9	37	34	-5	SW	4	bc	*	b	52	36	*	0.08
	C. Gris Nez	29.45	40	WSW	4	o	29.44	-0.1	35	34	-1	NNW	4	o	4	o	46	34	*	0.39
	Brest	29.61	45	WNW	6	c	29.57	+1.5	40	36	-2	N	2	bc	4	c	48	39	*	0.24
	Lorient	29.65	46	WNW	6	o	29.56	-0.1	41	41	-4	NNE	2	o	4	o	50	41	*	0.08
	Rochefort	29.81	47	WSW	5	o	29.56	-1.5	44	44	-2	SSE	2	+	*	o	50	43	*	0.20
	Biarritz	29.99	51	WSW	2	o	29.57	-3.1	59	52	+2	SSW	5	c	4	o	?	46	*	—
	Paris	29.59	40	SW	2	c	29.55	+0.5	38	36	0	SW	2	bc	*	c	48	37	*	—
	Belfort	29.69	39	SW	7	o	29.61	+1.6	38	36	-8	WSW	4	o	*	o	48	37	*	0.08
	Lyons	29.90	44	WNW	1	+	29.72	+1.0	40	38	-6	S	1	+	*	+	49	37	*	0.59
SPAN. PEN.	Nice	29.60	52	SW	4	b	29.70	+0.6	42	36	-3	WSW	4	bc	4	b	61	41	*	—
	Perpignan	29.93	53	NW	3	b	29.69	-0.6	42	42	-9	SW	2	o	*	b	58	41	*	—
SPAN. PEN.	Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lisbon	30.02	58	SSW	6	o	29.91	-2.6	57	54	0	WSW	5	b	*	o	59	57	*	0.59
	Azores (P. Delgada)	30.01	60	WSW	4	m	29.99	+1.4	60	58	-1	SW	4	m	4	m	64	59	*	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 9th February, 1902

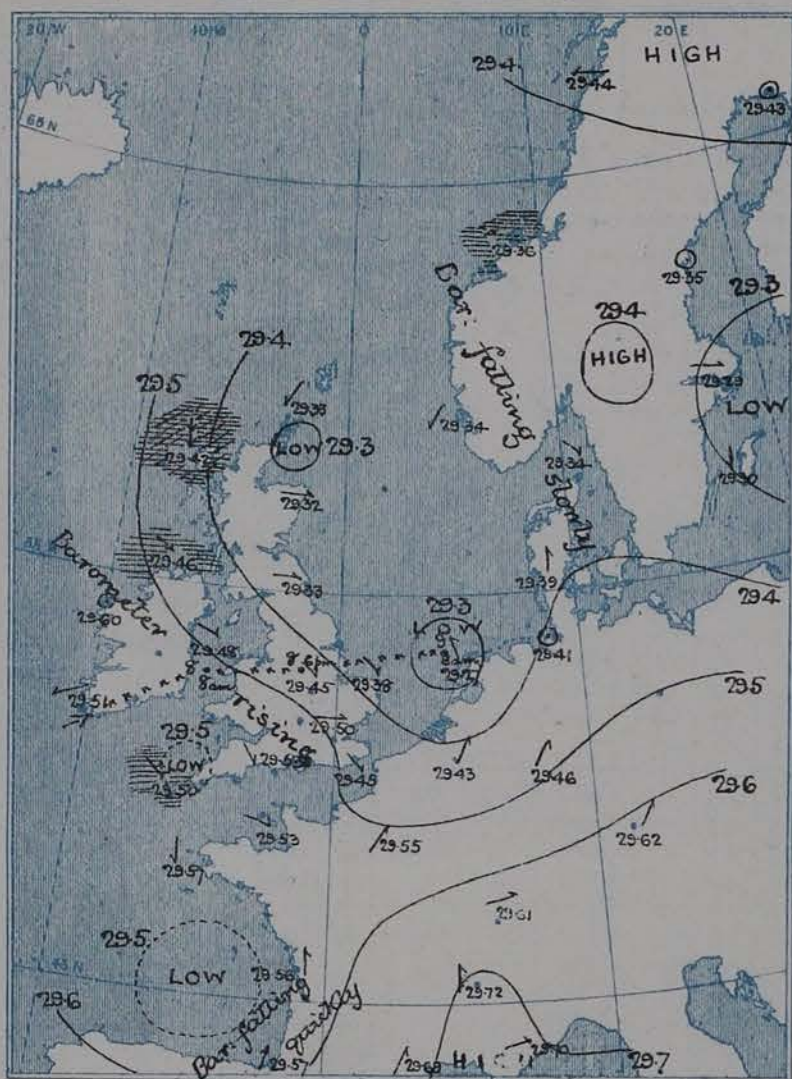
I. BAROMETER, WIND AND SEA. This Morning.

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
FEBRUARY (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure is extremely irregular. The barometer is highest, 29.9 ins. and upwards, over the south of Spain, while it is below 29.3 ins. in a disturbance over the Baltic and in two distinct minima over the North Sea, and below 29.6 ins. in another system which has appeared suddenly over the Bay of Biscay. Gradients are slight generally. The barometer is rising somewhat in most parts of our Islands, falling quickly in the west of France and slightly to the eastward of the North Sea.

WIND

TEMPERATURE

WEATHER

AND

SEA

The winds vary a good deal locally, but are chiefly from between N, NW, and W. over the United Kingdom, from SW in the Netherlands and Germany, and from NE. at Skudesnaes. Over Spain and the west of France they circulate round the cyclonic system lying over the Bay of Biscay. In force they are generally light, but a fresh gale is reported to prevail in the Minch. Temperature is much below the mean generally. At Loughborough the reading is 21° and at Wick 23°, and it is at or below the freezing point in nearly all districts. At Scilly, however, it is 40°, and at Jersey 39°. At Biarritz it is as high as 59°, while at Haparanda it is as low as -29°. The weather is fine in most parts of the British Islands and Scandinavia, but snow is falling in the Hebrides and at Roche's Point, and hail showers at Malin Head. Over France and Germany it is dull, with rain at Frankfurt, Lyons and Rochefort, and fog at the mouth of the Elbe. The sea is high at Stornoway, rather rough at Malin Head and Scilly, moderate to smooth elsewhere. In the course of yesterday the thermometer rose to 48° at Jersey and to 46° at Scilly, but the maximum temperatures recorded in the central and northern districts were very little above 32°. The minima of last night were as low as 19° at Wick and Shields and 20° at Aberdeen and Loughborough. Very little bright sunshine was registered yesterday over the country as a whole, but Aberdeen had 5.2 hours, Norwich 4.3 hours, and Scilly 6.6 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 10 FEBRUARY, 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.							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	*	*	*	*	*	*	*	*	*	*	6	*	c, o	38	30	0.3	0.12
Newton Reigny (Penrith)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bath	29.44	34	E. 1	0	29.57	?	29	28	- 4	NW. 1	bc	*	0	42	27	1.1	-

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.	34	29	0.5	0.0	0.18	Worthing	*	*	*	4.3	*
Birmingham, 9 p.m.	33	29	0.5, 0	0.0	0.10	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	*	*
Hastings	*	*	*	*	*	Southport, 9 p.m.	37	28	0.3	0.0	0.36
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	37	32	0.5	0.0	0.21
Brighton	*	*	*	*	*	Darwen, 9 p.m.	33	28	0.5	0.0	0.99

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	79	61	c c	—
Madrid				—	Tunis	68	52	f bc	0.16
Corsica (I. Sanguinaires)	52	43	m	r	Vienna	37	34	bc m	—
Rome	59	55	o	c	St. Petersburg	16	5	s s	0.12
Florence	55	49	o	r					
Trieste	46	37	r	m	Lugano	34	—	s	—
Brindisi	58	44	o	o	Davos	39	—	o	—
Naples	57	51	o	o	Lucerne	43	—	r	0.08
Palermo	74	56	o	o	Lausanne	41	—	r	0.83

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. Feb., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.24	12.7	4.50
Greenwich	7.28	12.14	5.0
Wick	8.3	12.26	4.48
Valencia	8.10	12.55	5.40

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, 10th February, 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 31° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	At 82° 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	29.41	- 18	N	4	7	29.37	-.06	-23	?	+ 6	NE	7	?	7	5	-35		-				
	Hernösand	29.41	- 2	Z	0	5	29.46	+ .11	- 11	- 13	- 20	Z	0	7	21	- 11		-					
	Stockholm	29.50	13	?	4	0	29.44	+ .15	15	14	+ 4	ENE	2	5	23	10		-					
	Wisby	29.43	24	NNW	4	0	29.39	+ .09	22	21	- 7	E	2	7c	26	21		-					
	Karlstad	29.46	16	SE	2	0	29.41	-.01	14	14	+ 16	NE	2	5				-					
	Færder (X'ania Fjord)	29.36	22	Z	0	7	29.36	+ .01	17	17	- 6	NNE	6	5	23	16		-					
	Bodö	29.47	10	E	2	7	29.32	-.12	10	8	+ 2	E	2	7	12	5		-					
	Christiansund	29.48	21	NE	3	7c	29.43	+ .07	18	16	- 9	SE	4	7	27	14		-					
	Skudesnaes	29.36	30	ENE	2	7c	29.39	+ .05	22	20	- 6	N	4	7	32	21		-					
BRITISH ISLANDS.	Sumburgh Head	29.42	30	NNE	3	7c	29.42	+ .09	27	25	- 7	N	3	7	36	27		0.03					
	Stornoway	29.59	32	NE	4	0	29.61	+ .19	30	29	- 2	NNW	3	7c sp	5	36	26	0.0	0.50				
	Malin Head	29.42	38	NW	5	7c sp	29.53	+ .07	34	33	- 3	N	4	7c sp	3	38	33		0.05				
	Blacksod Pt.	29.62	37	NNW	4	7c sp	29.71	+ .51	37	34	+ 4	N	3	7	42	30		0.13					
	Valencia	29.64	35	NE	1	7	29.71	+ .20	36	34	+ 1	NNE	2	7c	37	34	2.0	0.08					
	Roche's Point	29.61	33	NE	3	7c	29.69	+ .12	33	32	0	N	3	7	38	31		0.04					
	Parsonstown	29.60	33	NW	3	7c	29.70	+ .12	28	28	+ 5	N	3	7c	41	22	5.8	-					
	Donaghadee	29.47	33	NW	4	7c sp	29.62	+ .17	33	32	+ 2	N	3	7c sp	3	36	27		0.13				
	Liverpool Obsy.	29.48	35	W	4	7c	29.60	+ .18	28	27	- 7	Z	0	7c	38	28		0.10					
Holyhead	29.50	37	NW	4	7c	29.61	+ .15	36	28	0	N	3	7c	40	33		0.10						
Pembroke (St. Ann's)	29.56	36	N	2	7c	29.58	+ .06	33	32	- 1	N	3	7c sp	3	41	31	2.1	-					
GERMANY, &c.	Scilly (St. Mary's)	29.49	39	SW	1	7c	29.57	+ .07	38	36	- 2	NNW	2	7c sp	3	44	34	3.2	0.10				
	Jersey (St. Aubins)	29.57	38	WNW	1	7	29.56	+ .03	33	32	0	NNE	1	7c	40	33		0.01					
	Portland Bill	29.52	35	W	2	7	29.57	+ .12	31	30	- 2	N	1	7c	42	29		-					
	Dungeness	29.52	35	W	2	7	29.57	+ .12	31	30	- 2	N	1	7c	42	29		-					
	Wick	29.47	34	N	3	7c	29.49	+ .19	24	24	+ 1	WNW	1	7c	37	18		0.06					
	Nairn	29.50	33	WNW	2	7c	29.55	+ .23	28	27	- 4	W	1	7c	42	24		0.03					
	Aberdeen	29.44	30	NW	3	7c	29.51	+ .19	27	26	+ 2	W	2	7c	35	25	5.5	0.08					
	Leith	29.40	34	WNW	3	7c	29.56	+ .24	28	27	- 3	W	1	7c	42	27		-					
	North Shields	29.39	30	N	3	5	29.55	+ .22	25	24	- 1	WSW	2	7c	35	24		0.08					
FRANCE.	Spurn Head	29.38	34	NW	4	7c	29.51	+ .14	31	31	+ 3	NW	4	7c sp	3	36	26		-				
	Yarmouth	29.38	33	W	3	7c	29.51	+ .13	27	26	- 4	W	4	7c	36	25		-					
	Loughborough	29.47	32	WNW	2	7	29.56	+ .11	28	28	+ 7	WNW	2	7c	37	21		0.11					
	Oxford	29.45	33	W	3	7	29.61	+ .09	24	23	- 3	W	1	7c	40	23		-					
	London (Brixton)	29.52	35	W	2	7c	29.56	+ .06	27	26	- 5	NW	1	7c	40	25	3.0	-					
	The Scaw (Skagen)	29.35	29	W	1	7c	29.30	-.04	28	28	- 2	W	1	7c	34	21		0.04					
	Fanö	29.33	29	E	2	0	29.37	-.02	25	22	- 3	N	1	7c	32	23		0.08					
	Cuxhaven	29.32	29	SW	2	0	29.32	-.09	30	29	+ 7	SW	5	7c	?	?		0.08					
	The Helder	29.42	35	SW	4	7c	29.42	+ .15	35	34	+ 4	NNW	1	7c	37	31		-					
SPAN. PEN.	Brussels	29.67	30	SW	1	7c	29.67	+ .24	30	28	- 4	SSW	1	7c	38	29		-					
	Berlin	29.43	33	SW	2	0	29.58	+ .25	24	24	- 11	SSW	2	7c	34	21		0.08					
	Frankfurt	29.54	34	SW	2	7	29.67	+ .21	29	28	- 11	SSW	2	7c	45	28		0.08					
	Munich	29.52	36	Z	0	7c	29.66	+ .04	32	31	- 5	SW	2	7c	45	32		0.08					
	C. Gris Nez	29.51	37	W	3	7c	29.60	+ .16	37	36	+ 2	S	3	7c	45	34		-					
	Brest	29.60	41	Z	0	7	29.52	-.05	42	40	+ 2	NW	3	7c	48	39		0.08					
	Lorient	29.63	46	WNW	3	7c	29.54	-.02	42	42	+ 1	WNW	5	7c	52	37		0.12					
	Rochefort	29.63	45	NNE	3	7c	29.67	+ .11	44	42	0	WSW	3	7c	50	39		0.12					
	Biarritz	29.67	50	W	4	7	29.80	+ .23	47	45	- 12	WSW	4	7c	61	43		0.43					
SPAN. PEN.	Paris	29.56	39	NNW	2	0	29.65	+ .10	26	26	- 12	SE	1	7c	47	26		-					
	Belfort	29.51	33	SW	2	0	29.76	+ .15	33	33	- 5	WSW	2	7c	43	32		0.08					
	Lyons	29.51	46	S	3	0	29.78	+ .06	36	34	- 4	WNW	1	7c	46	34		0.28					
	Nice	29.61	46	Z	0	7c	29.58	-.12	44	41	+ 2	Z	0	7c	54	41		-					
	Perpignan	29.62	48	Z	0	7c	29.76	+ .07	47	41	+ 5	N	2	7c	56	42		0.08					
	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 10th February, 1902

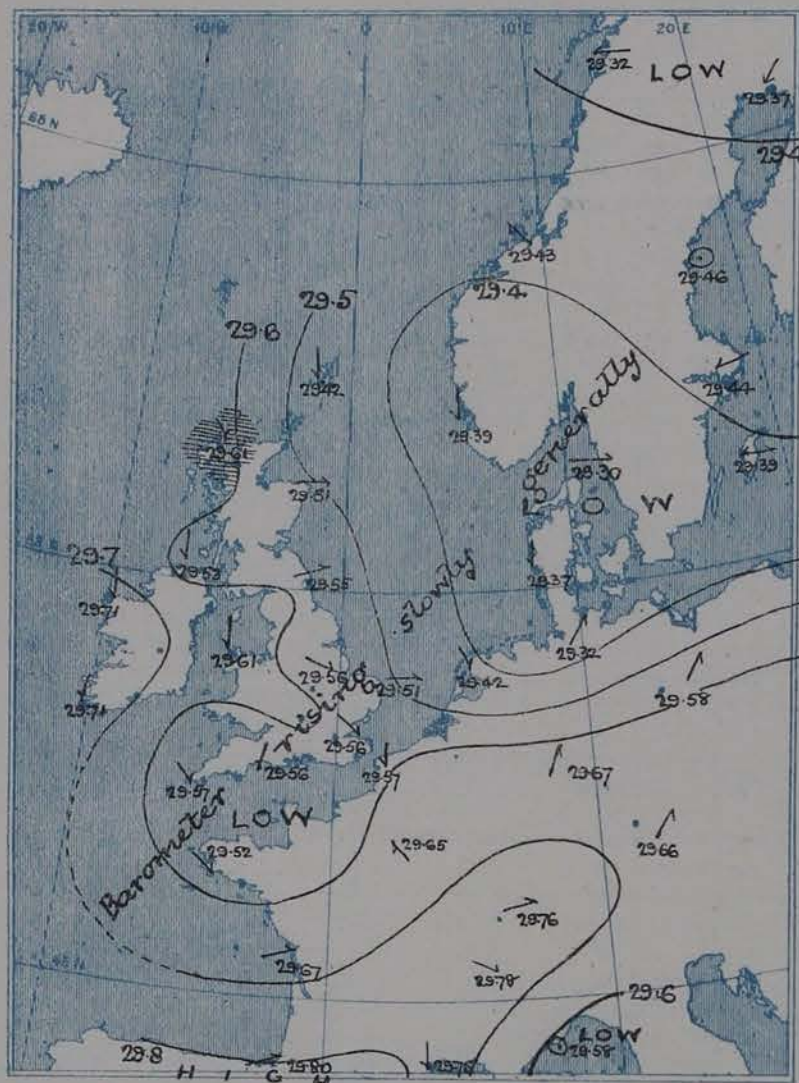
I. BAROMETER, WIND AND SEA. This Morning.

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

FEBRUARY (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure continues very irregular. The highest values are situated over the southwest of France and the north of Spain, where the barometer stands at 29.8 ins. and upwards. The lowest values are found over Denmark, the south of Norway, and the neighbouring portion of the North Sea and in another area over the north of Scandinavia. In both these regions the barometer is below 29.4 ins. but there are also some shallow systems in which readings are below 29.6 ins. over the United Kingdom, the north of France, and the Gulf of Genoa. Gradients are slight and the barometer is rising slowly generally.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light winds from between N and NW or W prevail over our Islands, and NW or SW breezes over France and Germany. Over Scandinavia the wind is N or NE and blows strongly at Haparanda. Temperature continues much below the mean in nearly all parts of north-western Europe. The readings over our Islands range from 38° at Scilly, to 28° at Larnaca, to between 28° and 24° in most parts of Great Britain, and to 16° at Newton Reigny. At Haparanda and Pernösand, the readings are -23° F. and -11° F. respectively. In the west and southwest of France temperature is comparatively high, the thermometer at Biarritz standing at 47°. The weather varies greatly in different parts of our area; in many places the sky is fairly clear but snow showers are falling at several of our western and northwestern stations, as well as at Spurn Head. Snow is also reported in parts of Germany, Denmark, and Sweden. The sea is rather rough in the Minch, moderate to slight elsewhere.

During the past twenty-four hours snow showers have occurred in all the more northern and western parts of the United Kingdom, and also over Denmark and Germany and rain over France. At Stornoway the melted snow has yielded 0.5 in. in the gauge. Maximum temperatures of about 40° were recorded at some of our western and southern stations yesterday, but at Shields and Aberdeen the highest value did not exceed 35°. Minima between 18° and 21° were registered in several parts of Great Britain during the night; at Newton Reigny the thermometer fell to 15°. Bright sunshine was almost continuous in the south and southeast during yesterday.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The secondary cyclonic disturbances over our Islands are likely to cause snow showers in many places. The shallow system in the east is moving away slowly eastwards. Temperature will probably continue very low in almost all parts of the Kingdom.

FORECASTS *

For the 24 hours ending at NOON on 11 FEBRUARY, 1902

DISTRICTS.

FORECASTS.

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

NW^y and N^y winds, light; very cold, changeable, snow showers still probable in places.

Wind chiefly NW^y, light; very cold; changeable, mist or fog locally, snow showers in some places.

DISTRICTS.

FORECASTS.

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


Same as No^s 0 to 2


NW^y and N^y winds, light; cold, some snow showers in places.

Same as No^s 0 to 2

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	*	*	*	*	*	*	*	*	*	8	*	8	38	26	6.8	-
Newton Reigny (Penrith) ...	29.46	30	Z 0	0	29.61	16	14		Z 0	0	*	8c	35	15	4.5	-
Bath	29.59	32	E 1	8c	29.57	0	31	31 + 2	NE 1	m	*	8c	42	24	7.0	-

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.	37	18	8c	6.5	0.08	Worthing	*	*	*	7.8	*
Birmingham, 9 p.m.	39	24	8	4.8	0.02	Llandudno	*	*	*	4.0	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	5.5	*
Hastings	*	*	*	7.8	*	Southport, 9 p.m. ...	39	26	aps 8	5.5	-
Eastbourne	*	*	*	8.3	*	Manchester, 9 p.m. ...	*	*	*	*	*
Brighton	*	*	*	8.0	*	Darwen, 7 p.m. ...	33	21	og, 8	2.4	0.49

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 Wanted</i>			Ins.	Algiers	<i>Information Wanted</i>			Ins.
Madrid					Tunis				
Corsica (I. Sanguinaires) ...					Vienna				
Rome					St. Petersburg				
Florence					8 Feb. -/02	1 p.m.			Measured 7 a.m.
Trieste					Lugano	41	—	0	0.16
Brindisi					Davos	41	—	6	?
Naples					Lucerne	43	—	7	0.20
Palermo					Lausanne	39	—	7	0.83

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.

10 Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.22	12.7	4.52
Greenwich	7.26	12.14	5.2
Wick	8.0	12.26	4.51
Valencia	8.8	12.55	5.42

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 Tuesday, 11th February, 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.	Dir.	Force (0 to 12.)	Weather.		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Max.	Min.	Sun- shine. Hours	Rainfall. Ins.
	Ins.						Ins.	Ins.	°	°										
SCANDINAVIA.	Haparanda	29.55	-27	N	2	3	29.63	+26	-18	-19	+5	Z	0	0	*	3	-8	-27	*	-
	Hernösand	29.53	-15	Z	0	3	29.60	+14	-20	-22	-9	Z	0	0	*	3	5	-20	*	-
	Stockholm	29.42	12	Z	0	3	29.52	+08	10	10	-5	W	4	S	*	3	19	10	*	0.08
	Wisby	29.43	26	SE	2	3	29.62	+23	20	18	-2	W	6	C	*	3	32	20	*	-
	Karlstad	29.43	10	NE	2	S	29.61	+20	-4	-4	-18	NNW	2	3	*	S	*	*	*	0.24
	Färder (X'ania Fjord)	29.50	15	NNW	4	3	29.58	+22	14	13	-3	E	2	0	2	3	18	10	*	0.04
	Bodö	29.31	15	E	4	3	29.32	0	10	7	0	ESE	6	3	2	3	15	5	*	-
	Christiansund	29.31	28	SW	3	0	29.24	-19	27	23	+9	Z	0	C	3	0	28	18	*	-
BRITISH ISLANDS.	Skudesnaes	29.47	26	E	4	3	29.34	-05	29	28	+7	SE	8	S	4	3	29	21	*	*
	Sumburgh Head	29.38	29	Z	0	osp	29.45	+03	26	24	-1	N	4	0	4	3, sp	32	24	*	0.10
	Stornoway	29.58	31	N	4	S	29.68	+07	27	27	-3	N	6	ospm	6	osp	36	22	2.4	0.19
	Malin Head	29.64	37	NW	3	3c	29.74	+21	34	34	0	N	6	3csp	4	3c, sp	37	32	*	0.05
	Blacksod Pt.	29.74	35	N	2	3sp	29.78	+07	30	28	-7	NNW	1	3c	3	3c, sp	39	26	*	0.02
	Valencia	29.78	34	Z	0	3	29.81	+10	27	26	-9	ESE	1	3	3	p, sp	40	27	8.3	0.05
	Roche's Point	29.74	34	NNE	2	3	29.81	+12	32	30	-1	N	3	3	3	3	40	29	*	-
	Parsonstown	29.73	30	NW	2	3	29.78	+08	22	22	-6	SW	1	3	*	3c	38	22	3.0	-
GERMANY, &c.	Donaghadee	29.63	32	NW	3	3	29.69	+07	27	27	-6	NW	3	C	3	3c	35	25	*	0.17
	Liverpool Obsy.	29.65	30	SW	1	3	29.70	+10	32	31	+4	WSW	3	0	3	3c, sp	34	28	*	0.14
	Holyhead	29.65	36	NW	2	3csp	29.72	+11	35	33	-1	W	3	chp	2	3c, sp	40	33	*	0.02
	Pembroke (St. Ann's)	29.66	36	NE	3	3c	29.74	+16	37	33	+4	WNW	4	3c	3	3c	41	22	8.0	-
	Scilly (St. Mary's)	29.68	41	NNW	4	C	29.78	+21	38	36	0	SSE	1	Csp	2	3c, C	43	35	7.5	0.08
	Jersey (St. Aubins)	29.66	35	NNW	3	3	29.80	+24	37	36	+4	WNW	2	3	1	3c, 3	40	23	*	-
	Portland Bill	29.61	31	N	1	3	29.77	+20	26	25	-5	WNW	1	3	1	0, 3	36	24	*	-
	Dungeness	29.61	31	N	1	3	29.77	+20	26	25	-5	WNW	1	3	1	0, 3	36	24	*	-
FRANCE.	Wick	29.47	30	NW	1	S	29.56	+07	23	23	-1	NW	2	C	2	S	32	20	*	0.12
	Nairn	29.52	31	Z	0	C	29.63	+08	23	23	-5	W	1	3c	1	C, sp	35	20	*	0.04
	Aberdeen	29.52	28	W	2	3	29.59	+08	25	24	-2	WNW	3	3	1	p, sp	32	24	6.8	0.04
	Leith	29.54	32	W	2	3	29.63	+07	28	27	0	WSW	1	3cm	*	3	40	26	*	-
	North Shields	29.56	27	W	2	3c	29.61	+06	24	24	-1	WSW	1	3	3	3m, 3c	38	21	*	-
	Spurn Head	29.57	33	NW	4	3	29.63	+12	28	28	-3	WSW	4	3	3	3	36	25	*	-
	Yarmouth	29.53	33	W	3	3	29.67	+16	25	24	-2	W	3	3	3	3c, 3, sp	34	22	*	0.02
	Loughborough	29.62	30	NW	1	0	29.72	+16	24	24	-4	W	2	3	*	3c, 3, 3	37	15	*	-
SPAN. PEN.	Oxford	29.67	32	NW	1	0	29.78	+17	26	25	+2	WSW	1	3	*	C, 3c	35	23	*	-
	London (Brixton)	29.60	34	N	2	0	29.78	+22	25	24	-2	WSW	1	3	*	C, 3, 3	35	24	0.0	-
	The Scaw (Skagen)	29.52	29	Z	0	3	29.54	+24	22	22	-6	SE	3	C	1	3	29	16	*	0.04
	Fanö	29.54	30	SW	2	3c	29.54	+17	31	31	+6	WSW	1	3	*	3c	34	23	*	0.08
	Cuxhaven	29.59	30	Z	0	0	29.62	+30	21	21	-9	S	1	f	*	0, f	34	21	*	0.08
	The Helder	29.55	32	Z	0	3	29.65	+23	35	32	0	W	2	3c	2	3	41	25	*	-
	Brussels	*	*	*	*	*	29.80	+13	25	25	-5	SSW	2	C	*	3	35	25	*	0.28
	Berlin	29.68	31	SW	2	0	29.52	-06	30	30	+5	SE	3	S	*	0	36	25	*	0.04
FRANCE.	Frankfurt	29.55	36	SW	2	0	29.73	+06	33	30	+4	W	2	0	*	0	41	29	*	0.12
	Munich	29.72	28	SE	3	m	29.78	+12	33	30	+1	W	6	0	*	m	34	25	*	0.04
	C. Gris Nez	29.56	35	NNE	4	S	29.77	+17	33	32	-4	WNW	3	m	3	S	39	30	*	-
	Brest	29.75	39	N	1	C	29.88	+36	39	37	-3	ESE	3	3	3	C	43	36	*	-
	Lorient	29.73	40	N	4	3c	29.86	+32	32	32	-10	NE	2	3	4	3c	46	32	*	-
	Rochefort	29.75	42	NW	4	3c	29.84	+17	35	34	-9	E	3	3c	*	3c	48	32	*	0.04
	Biarritz	29.81	50	WNW	1	3c	29.74	-06	41	?	-6	E	4	0	3	3c	54	41	*	0.20
	Paris	29.49	37	WSW	2	0	29.87	+22	27	27	+1	SW	2	3	*	0	39	26	*	0.12
SPAN. PEN.	Belfort	29.60	39	SSW	5	0	29.87	+11	28	26	-5	WSW	2	0	*	0	44	28	*	-
	Lyons	29.73	44	S	2	C	29.91	+13	33	32	-3	N	1	S	*	C	49	33	*	-
	Nice	29.63	48	SW	1	3	29.74	+16	38	33	-6	E	2	0	3	3	57	37	*	-
	Perpignan	29.82	48	S	2	0	29.74	-02	36	36	-11	S	2	0	*	0	54	35	*	-
SPAN. PEN.	Corunna	29.78	55	WSW	5	C	29.78	-10	55	53	+1	SSW	4	C	*	C	57	52	*	0.59
	Lisbon	29.78	55	WSW	5	C	29.78	-10	55	53	+1	SSW	4	C	*	C	57	52	*	0.59
	Azores (P. Delgada)	29.78	55	WSW	5	C	29.78	-10	55	53	+1	SSW	4	C	*	C	57	52	*	0.59

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 Tuesday 11th February, 1902

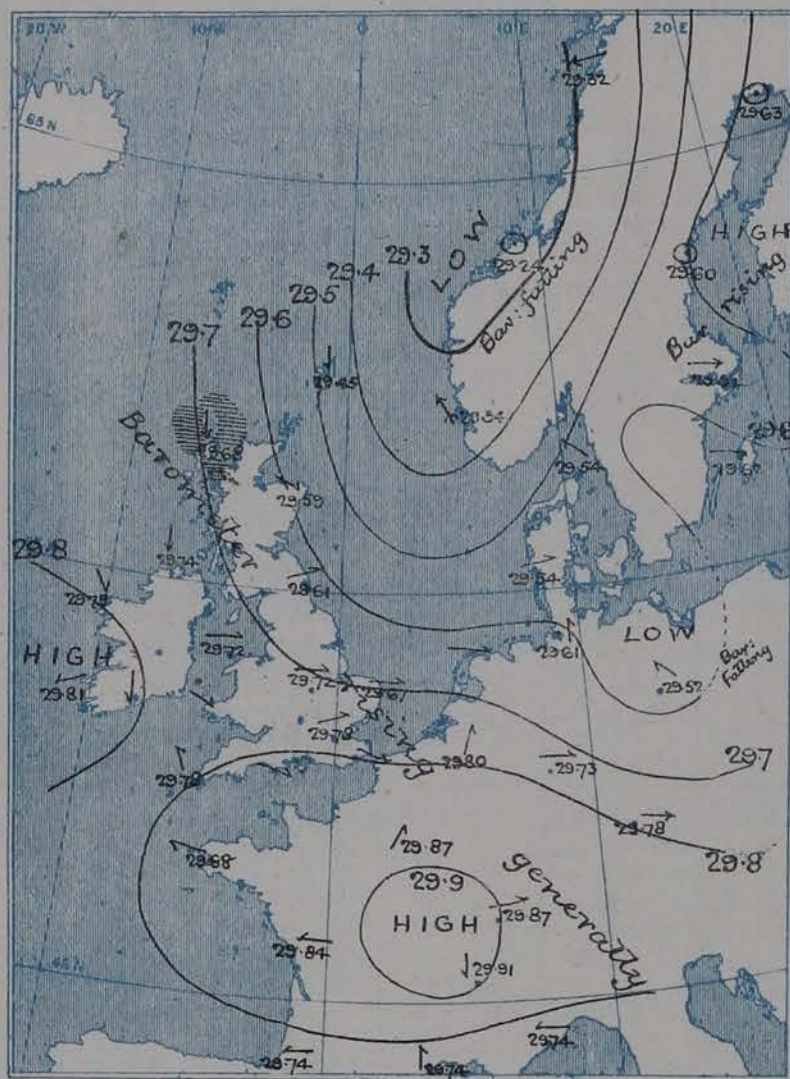
I. BAROMETER, WIND AND SEA. This Morning.

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

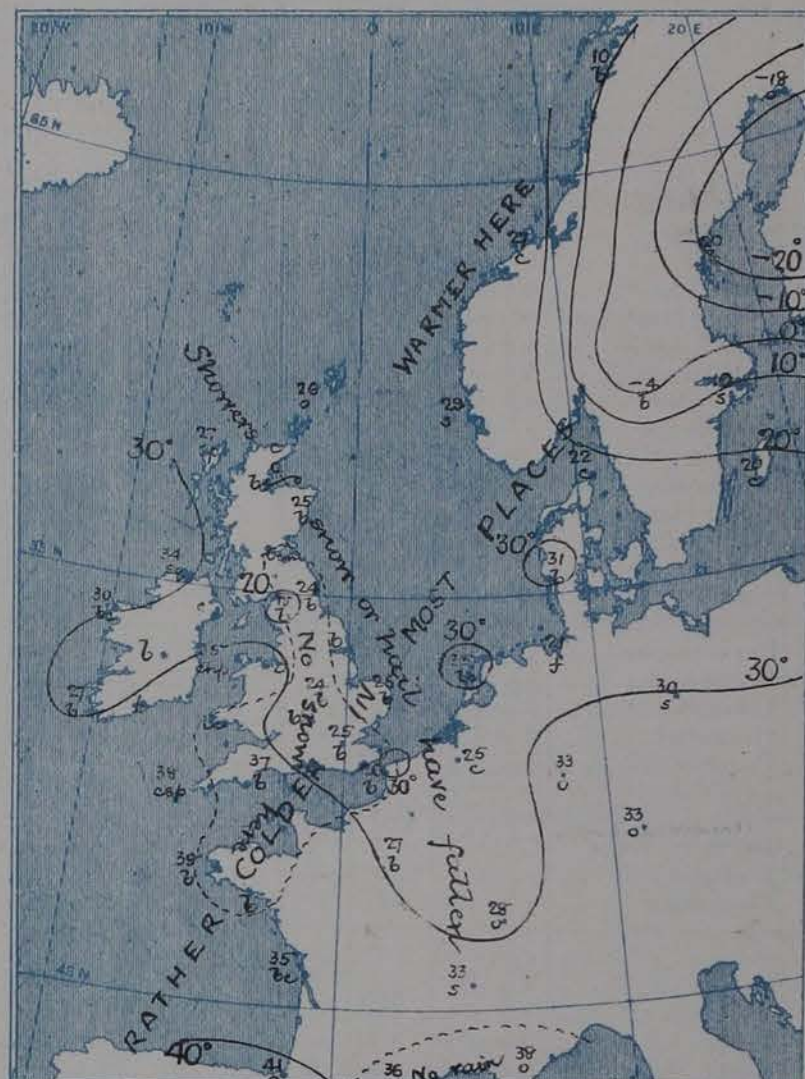


II. TEMPERATURE AND WEATHER. This Morning.

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
FEBRUARY (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 29.8 ins. and upwards, over France, the Channel, Switzerland, and northern Italy, and also over the southwestern portion of Ireland. It is lowest 29.3 ins. and less, in a cyclonic system off the northwest of Norway, but is relatively low, 29.5 ins. in another system near Berlin. Gradients are slight generally and the barometer is rising except in Norway, the extreme southwest of France and in Prussia.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is W^{ly} over our Islands as a whole, but N^{ly} at some of the Irish stations and also in the Hebrides and the Shetlands; it is generally very light in force, but blows strongly at Stornoway and Malin Head. In the west of France the wind is moderate from the eastward. In the south of Norway it is strong from SE^d and at Bodo from NE^d. Temperature is still very low. The readings range from 38° or 37° on the extreme southern and southwestern coasts of England to between 28° and 23° in most parts of England, between 30° and 22° in most Irish districts and to 15° at Newton Regny. These values are about 10° or 15° below the normal. Over France the readings vary from 41° at Biarritz to 27° at Paris, while in the Gulf of Bothnia they are 20° below zero. The weather is fine and bright in nearly all places, but snow showers are still falling at Stornoway, Malin Head, and Scilly, and hail showers at Holyhead. Snow is also reported at Lyons, Berlin, Stockholm, and Skudelesnaes. The sea is rough in the Minch, moderate to smooth elsewhere.

The maximum temperatures recorded yesterday were again about 40° at some of our western and southwestern stations as well as at Leith, but over the greater part of the Kingdom they were little above the freezing point; at Wick and Sumburgh Head the thermometer only just touched that point. Showers of snow have again occurred in all our more northern and western districts, but in the south and southeast the weather remained fine. Very little bright sunshine was recorded on our southern coasts, but at many western stations and at Aberdeen the amount was large.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The increase of pressure over our Islands seems likely to continue for the present, with fine but very cold weather generally. In the extreme north and northwest, however, some snow showers may still be expected.

FORECASTS *

For the 24 hours ending at NOON on 12 FEBRUARY, 1902

DISTRICTS.

FORECASTS.

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

N^{ly} and NW^{ly} winds, light or moderate; very cold and fair generally, but snow showers locally.

W^{ly} winds, light; fine and very cold generally, mist or slight fog probable in places.

DISTRICTS.

FORECASTS.

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


Same as Nos. 0 and 1.


Light Variable winds; cold, fair as a whole.

N^{ly} and NW^{ly} breezes; cold, fair as a whole, but snow showers locally.

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	*	3	34	25	6.2	-
Newton Reigny (Penrith)	29.61	19	SW 1	3	29.67	+ .06	15	14	- 1	Z 0	3	*	3	32	12	7.0	-
Bath	29.70	29	NE 2	0	29.77	+ .20	26	26	- 5	E 1	m	*	0	37	24	4.2	-

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.	37	23	3	7.9	-	Worthing	*	*	*	1.8	*
Birmingham, 9 p.m.	35	24	3	1.0	-	Llandudno	*	*	*	4.3	*
Lowestoft, 6 p.m.	34	25	3	3.0	-	Rhyl	*	*	*	5.8	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	38	20	c, 3c	4.0	-
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	30	19	om	0.0	-
Brighton	*	*	*	0.7	*	Darwen, 9 p.m.	36	20	3	5.6	-

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 rec'd</i>				Ins.	Algiers	73	59	c c	-
Madrid	57	36	-		Tunis			<i>not rec'd</i>	
Corsica (I. Sanguinaires)	55	46	m m	0.20	Vienna	48	30	o o	-
Rome	57	52	r o	0.32	St. Petersburg	27	16	o o	0.35
Florence	56	49	r r	0.16	9. Feb: -/02				
Trieste	52	41	r r	0.75	Lugano	1 p.m.	Obs	<i>not yet rec'd</i>	Measured 7 a.m.
Brindisi	59	44	c o	-	Davos				
Naples	57	51	bc o	-	Lucerne				
Palermo	64	54	c o	-	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.

11. Feb, 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.20	12.7	4.54
Greenwich	7.24	12.14	5.4
Wick	7.57	12.26	4.54
Valencia	8.6	12.58	5.44

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, 12th February, 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 ...	29.63	- 2	S	2	o	29.58	- .05	- 6	- 6	+ 12	S	4	o	*	o	- 2	- 22	*	-
	Hernösand ...	29.61	- 11	Z	o	3	29.46	- .14	o	- 1	+ 20	Z	o	f	*	3	o	- 20	*	-
	Stockholm ...	29.77	8	Z	o	f	29.51	- .01	28	28	+ 18	SSW	4	3	*	f	28	7	*	0.08
	Wisby ...	29.68	17	W	2	3	29.62	o	31	30	+ 11	SW	6	3	*	3	32	16	*	-
	Karlstad ...	29.55	14	NE	2	S	29.56	- .05	4	4	+ 8	N	2	3	*	S	*	*	*	0.08
	Færder (Kiania Fjord) ...	29.41	14	NNW	6	S	29.51	- .07	21	19	+ 7	SW	2	3	2	S	21	14	*	-
	Bodö ...	29.32	15	ENE	4	o	29.15	- .17	26	25	+ 16	SW	6	3	3	o	26	9	*	-
	Christiansund ...	29.23	28	W	6	S	29.32	+ .08	32	30	+ 5	W	5	3	5	S	32	27	*	0.08
	Skudesnaes ...	29.46	28	NNW	6	S	29.57	+ .23	27	25	- 2	NNW	2	C	2	S	32	23	*	*
BRITISH ISLANDS.	Sumburgh Head ...	29.52	29	N	3	o	29.63	+ .18	31	29	+ 5	N	3	C	4	o	32	24	*	0.03
	Stornoway ...	29.75	32	NNW	4	o	29.81	+ .13	29	29	+ 2	N	5	o	5	S, sp, o	33	23	3.8	0.21
	Malin Head ...	29.84	35	NNW	3	3	29.90	+ .16	36	33	+ 2	NW	3	S	2	3	36	32	*	0.06
	Blacksod Pt. ...	29.90	35	NNE	3	3	29.99	+ .21	26	25	- 4	WSW	2	3	3	3 esp, 3	36	24	*	0.24
	Valencia ...	29.88	36	Z	o	3m	29.95	+ .14	28	27	+ 1	Z	o	3	3	3v, 3m	43	27	6.3	-
	Roche's Point ...	29.87	37	SE	1	o	29.97	+ .16	27	26	- 5	NNE	3	3	3	3, c	44	25	*	-
	Parsonstown ...	29.90	30	NE	3	o	30.00	+ .22	22	22	o	NE	2	f	*	3c	36	22	3.6	-
	Donaghadee ...	29.82	30	NW	2	3c	29.89	+ .20	27	27	o	NW	2	C	*	3c	36	23	*	-
	Liverpool Obsy. ...	29.84	33	WNW	1	3c	29.95	+ .25	23	22	- 9	SSW	1	3	?	sp, 3c	35	20	*	0.22
	Holyhead ...	29.82	36	NW	2	esp	29.95	+ .23	35	32	o	NW	1	3	1	c, sp	39	31	*	0.04
	Pembroke (St. Ann's) ...	29.83	36	N	2	3	29.93	+ .19	32	30	- 5	NE	3	3	2	3	41	30	7.6	-
	Scilly (St. Mary's) ...	29.84	41	SSE	1	3c	29.86	+ .08	40	35	+ 2	ENE	4	3c	1	3, 3c	48	31	8.6	0.09
GERMANY, &c.	Jersey (St. Aubins) ...	29.87	36	SW	1	3	29.93	+ .13	33	32	- 4	NE	1	3	2	3	43	31	*	-
	Portland Bill ...	29.85	37	W	3	3c	29.93	+ .16	26	26	o	N	2	3	1	3c	42	24	*	-
	Dungeness ...	29.85	37	W	3	3c	29.93	+ .16	26	26	o	N	2	3	1	3c	42	24	*	-
	Wick ...	29.52	25	NW	2	C	29.72	+ .16	23	23	o	WNW	1	C	1	C	30	20	*	0.09
	Nairn ...	29.72	26	NW	2	3c	29.77	+ .14	25	25	+ 2	W	1	3	1	3 esp	36	21	*	0.11
	Aberdeen ...	29.71	26	W	3	3c	29.77	+ .18	27	26	+ 2	W	2	3	1	3, 3	30	24	7.5	-
	Leith ...	29.75	30	WSW	2	3	29.79	+ .16	32	32	+ 4	WSW	2	3cm	*	3	39	26	*	-
	North Shields ...	29.76	28	NW	3	3	29.80	+ .19	29	29	+ 5	SW	2	C	3	em, 3, 3	33	21	*	-
	Spurn Head ...	29.77	32	WNW	4	3c	29.87	+ .24	25	24	- 3	WNW	4	3	4	3c	34	24	*	-
	Yarmouth ...	29.75	34	W	3	3	29.88	+ .21	25	24	o	W	3	3m	3	3	36	23	*	-
	Loughborough ...	29.81	32	W	1	C	29.95	+ .23	10	10	- 14	ESE	1	f	*	3c, f	41	9	*	-
	Oxford ...	29.87	33	WSW	2	3	29.99	+ .21	22	21	- 4	W	1	3f	*	3c, sp	42	21	*	-
	London (Brixton) ...	29.83	35	W	1	3	29.96	+ .18	24	22	- 1	NW	1	f	*	3cm, 3	40	24	4.3	-
FRANCE.	The Scaw (Skagen) ...	29.48	31	WSW	2	o	29.57	+ .03	26	26	+ 4	WSW	2	C	o	o	32	22	*	0.04
	Fano ...	29.62	33	WSW	4	3	29.72	+ .12	32	31	+ 1	W	4	C	*	3	36	30	*	0.04
	Cuxhaven ...	29.73	31	SW	4	o	29.84	+ .22	29	29	+ 8	SW	3	o	*	o	34	21	*	-
	The Helder ...	29.80	33	WNW	5	S	29.85	+ .20	35	32	o	WNW	1	3	2	3	37	28	*	0.04
	Brussels ...	*	*	*	*	*	29.97	+ .17	22	22	- 3	SE	1	3	*	3	34	19	*	0.04
	Berlin ...	29.87	31	WSW	3	o	29.94	+ .02	24	23	- 6	SW	3	C	*	o	36	21	*	0.04
	Frankfurt ...	29.97	32	W	2	3	30.02	+ .29	26	25	- 7	SW	1	3	*	3	39	25	*	-
	Munich ...	29.97	30	Z	o	o	29.98	+ .20	28	28	- 5	Z	o	C	*	o	34	28	*	-
	C. Gris Nez ...	29.86	34	W	4	o	29.91	+ .14	33	32	o	SE	1	m	1	o	39	32	*	-
	Brest ...	29.88	41	SE	1	3	29.88	o	35	34	- 4	E	4	3c	3	3	46	34	*	-
	Lorient ...	29.90	37	SE	1	o	29.78	- .08	33	32	+ 1	E	4	3c	3	o	46	30	*	-
	Rochefort ...	29.86	40	ENE	3	3c	29.76	- .08	41	?	+ 6	ENE	4	C	*	3c	46	32	*	?
	Biarritz ...	29.81	46	ENE	2	3c	29.65	- .09	44	42	+ 3	E	4	o	3	3c	50	41	*	-
SPAN. PEN.	Paris ...	29.95	34	N	1	3	29.97	+ .10	23	23	- 4	NE	1	3	*	3	42	23	*	-
	Belfort ...	29.91	32	Z	o	m	29.97	+ .10	23	21	- 5	ENE	3	m	*	m	41	22	*	-
	Lyons ...	29.97	32	W	1	o	29.95	+ .04	33	32	o	N	1	o	*	o	34	32	*	0.08
	Nice ...	29.82	46	SW	3	C	29.88	+ .14	44	40	+ 6	E	3	C	3	C	54	38	*	-
	Perpignan ...	29.82	45	E	2	3	29.81	+ .07	45	44	+ 9	SE	1	o	*	3	57	36	*	-
	Corunna ...																			
SPAN. PEN.	Lisbon ...	29.49	54	ESE	4	o	29.47	- .31	57	54	+ 2	SSW	5	o	*	o	59	54	*	0.20
	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, 12th FEBRUARY, 1902

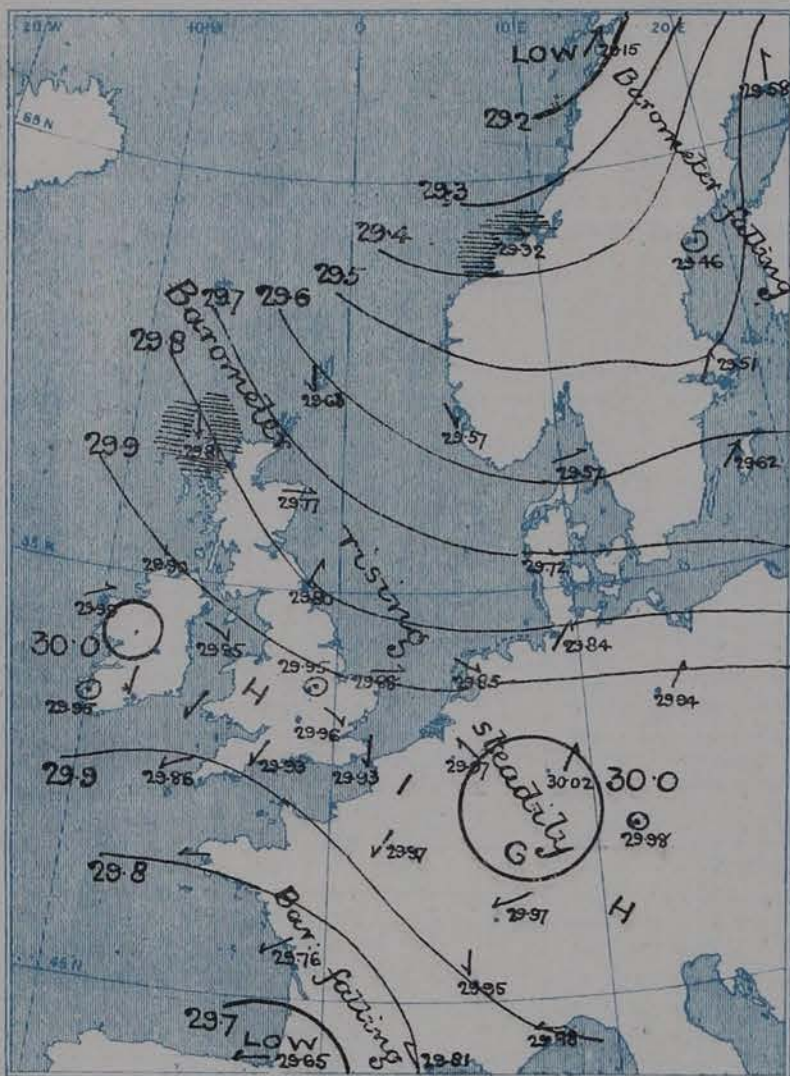
I. BAROMETER, WIND AND SEA. This Morning.

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 :

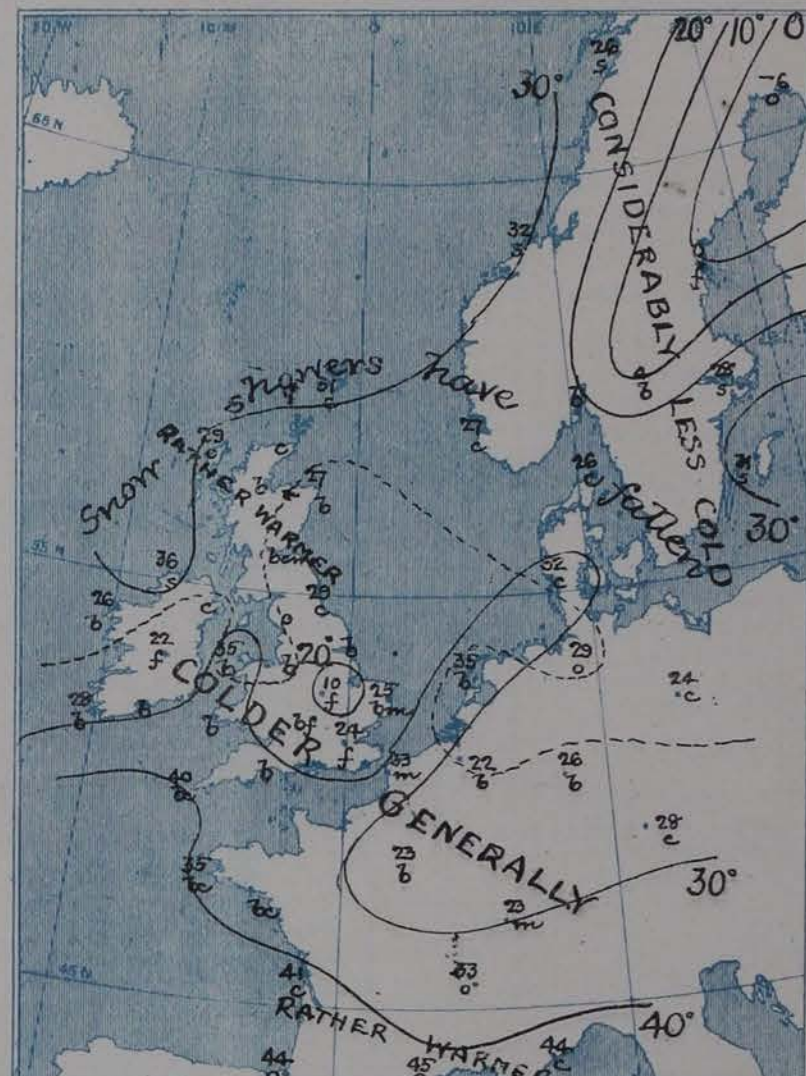


II. TEMPERATURE AND WEATHER. This Morning.

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

in month of FEBRUARY (1871-1900)

Specimen { Highest Max, 60
(for Shields) { Lowest Min, 7
Malin Head & Blacksod & Belmullet Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 29.9 ins. to 30.0 ins., in a band extending from Ireland and the adjacent parts of the Atlantic across England and the northeast of France to central Europe. It is lowest, 29.2 ins. and less, in the extreme northwest of Scandinavia, but is also relatively low, 29.7 ins. and less, over Spain and the southwest of France. The barometer is still rising slowly over our Islands, as well as over Germany, Denmark, and the south of Norway, but falling in the regions of the lowest readings. Gradients are slight.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind, which is light or moderate in force, circulates around the two low pressure areas. Over the northern and eastern districts of the United Kingdom it is NW^y or W^y, over north Germany, Denmark, Sweden and Norway mainly SW^y to S^y, while on our southern and southwestern coasts and over France it is NE^y or E^y. Temperature continues very low generally; it now ranges from 40° at Scilly and 33° at Portland to 22° over central Ireland, 23° in the north of Scotland, 21° at Bath, and to 10° at Loughborough. At the continental stations the values vary from 45° or 44° over the south of France to 24° at Berlin, to zero at Hernösand, and to -6° at Haparanda. The weather is fine and bright at nearly all our own stations and in the north of France, but fog prevails over inland England and at Parsonstown, and snow at Malin Head. Over the more southern and southwestern parts of France the sky is cloudy or overcast, while snow is falling in many Scandinavian districts. The sea is rather rough at Stornoway, slight to smooth in most other places.

Since yesterday morning snow has fallen at many of our own northern and northwestern stations as well as in the Netherlands, Denmark, and in various parts of Norway and Sweden. The highest temperature recorded over our Islands was 48° at Scilly but in the east and north the readings did not much exceed the freezing point, and at Wick and Aberdeen remained below that value. Severe frost was experienced generally during the night; at Loughborough the thermometer fell to 9°. The amount of bright sunshine recorded yesterday was very large for the time of the year.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer will probably continue to rise for a time over the greater part of the United Kingdom without any material change in the direction of the wind. The weather will remain fine, dry, and cold in most districts, but mist or fog are still likely in many inland localities.

FORECASTS *

For the 24 hours ending at NOON on 13 FEBRUARY, 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	NW ^y and W ^y winds, moderate or light; fair and cold generally, but snow showers locally.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	W ^y winds, light; fair, cold.
3	{ ENGLAND EAST	W ^y or light variable airs; fine and very cold generally, but misty or foggy in places.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as No ^s 0 and 1.
7	{ ENGLAND N.W.	Same as No. 2.
8	{ ENGLAND S.W.	NE ^y or E ^y breezes; fair, cold.
9	{ IRELAND NORTH	Same as No ^s 0 and 1.
10	{ IRELAND SOUTH	Variable or NE ^y winds; fine and very cold generally.

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.	Dry.	Wet.	Change	Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*	*	*	*	*	*	*	39 23	8.0	-
Newton Reigny (Penrith)	29.82	15	NW 1	8	29.86 +.19	30	30	+ 15	WSW 3	0	*	8c, 0g	31 10	4.0	-
Bath	29.87	34	NE 1	m	29.94 +.17	21	21	- 5	W 1	m	*	m	42 19	5.9	-

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.	37	20	8c	7.7	-	Worthing...	*	*	*	7.4	*
Birmingham, 9 p.m.	39	25	8	6.9	-	Llandudno	*	*	*	4.2	*
Lowestoft, 6 p.m.	38	23	c	6.9	-	Rhyl	*	*	*	4.5	*
Hastings	*	*	*	8.2	*	Southport, 9 p.m.	39	25	8c	4.7	-
Eastbourne	*	*	*	8.6	*	Manchester, 9 p.m.	35	22	om	0.0	0.09
Brighton	*	*	*	7.5	*	Darwen, 9 p.m.	36	18	8	3.1	0.44

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 rec'd</i>				Ins.	Algiers	70	37	c c	-
Madrid	50	34	o o	0.20	Tunis	66	45	bc 2	-
Corsica (I. Sanguinaires)	57	46	m f	-	Vienna	43	34	o bc	0.08
Rome	58	49	r c	-	St. Petersburg	?	?	s s	0.08
Florence	58	43	b o	0.04	10. Feb -102				Measured 7 a.m.
Trieste	61	52	bc b	?	Lugano	43	-	b	-
Brindisi <i>Not rec'd</i>					Davos	27	-	o	0.04
Naples	57	52	o bc	-	Lucerne	37	-	o	0.79
Palermo	68	46	m bc	-	Lausanne	43	-	b	0.35

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 Feb. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.18	12.7	4.56
Greenwich	7.22	12.14	5.6
Wick	7.54	12.26	4.57
Valencia	8.4	12.55	5.46

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, 13th February, 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.	Rainfall.		
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.	Hours	Inch.							
Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.						
SCANDINAVIA.	Haparanda ...	29.43	12	S	2	S	29.39	-1.9	-4	-6	+2	SSW	2	3	*	S	14	-15	*	-	
	Hernösand ...	29.36	13	Z	0	0	29.47	+0.1	6	5	+6	Z	0	0	0	0	16	-13	*	-	
	Stockholm ...	29.60	22	Z	0	3	29.55	+0.4	29	28	+1	SW	2	0	*	3	29	10	*	-	
	Wisby ...	29.69	31	SW	6	3	29.72	+1.0	28	26	-3	SSW	4	3	*	3	36	16	*	-	
	Karlstad ...	29.55	9	NW	2	0	29.62	+0.6	0	-1	-4	NW	2	3	*	0	*	*	-	-	
	Färder (X'ania Fjord) ...	29.58	31	WSW	4	0	29.66	+1.5	27	25	+6	NW	4	3	2	0	31	21	*	-	
	Bodö ...	29.23	22	N	5	S	29.32	+1.7	22	21	-4	SE	4	5	2	8	27	19	*	?	
	Christiansund ...	29.47	28	WNW	1	S	29.61	+2.9	25	22	-7	N	4	0	4	5	32	23	*	0.39	
Skudesnaes ...	29.65	33	NNW	6	C	29.80	+2.3	27	25	0	NNW	7	C	3	C	36	25	*	*		
BRITISH ISLANDS.	Sumburgh Head ...	29.71	29	N	3	C	29.91	+2.8	28	26	-3	NNW	2	C	3	C, S, P	32	27	*	0.04	
	Stornoway ...	29.88	33	NNW	5	0	30.00	+1.9	30	30	+1	NE	3	0	5	C, S, P, 0	36	24	4.9	0.21	
	Malin Head ...	29.99	35	WNW	2	3C	30.01	+0.2	35	34	+9	SW	2	3m	3	C, 3C	42	25	*	0.12	
	Blacksod Pt. ...	29.99	34	NE	3	3	30.02	+0.7	25	24	-3	NE	1	3	3	3	38	25	8.8	-	
	Valencia ...	29.99	34	NE	3	3	30.02	+0.7	25	24	-3	NE	1	3	3	3	38	25	8.8	-	
	Roche's Point ...	29.97	34	NE	2	3	30.01	+0.4	31	30	+4	NNE	3	3	3	3	40	27	*	-	
	Parsonstown ...	30.00	29	E	2	3	30.03	+0.3	26	25	+4	E	2	f	*	3C	34	21	3.4	-	
	Donaghadee ...	29.93	32	W	2	C	29.98	+0.9	29	29	+2	NW	2	3C, S, P	1	C	36	27	*	0.02	
Liverpool Obsy. ...	29.95	35	W	2	3	29.99	+0.4	19	18	-4	NW	1	f	?	3C	36	17	*	-		
Holyhead ...	29.95	37	WNW	1	C	29.96	+0.1	33	32	-2	Z	0	C, S, P	0	3C	40	32	*	-		
Pembroke (St. Ann's) ...	29.94	35	NE	3	3	29.94	+0.1	34	32	+2	NE	2	3C	2	3	38	30	8.6	-		
GERMANY, &c.	Scilly (St. Mary's) ...	29.85	41	ENE	5	C	29.87	+0.1	39	35	-1	ENE	5	C	3	3, C	43	34	7.8	-	
	Jersey (St. Aubins) ...	29.92	35	ENE	2	3	29.92	-0.1	29	29	-4	ENE	2	3	2	3	40	28	*	-	
	Portland Bill ...	29.92	35	ENE	2	3	29.92	-0.1	29	29	-4	ENE	2	3	2	3	40	28	*	-	
	Dungeness ...	29.93	35	NE	2	3	29.90	-0.3	23	22	-3	NNE	1	3C	1	3C, 3	38	21	*	-	
	Wick ...	29.81	25	NW	2	0	29.96	+2.4	18	18	-5	Z	0	3C	0	C	32	18	*	0.07	
	Nairn ...	29.87	29	WNW	2	C	29.99	+2.2	28	28	+3	WNW	1	C	1	C	34	23	*	0.02	
	Aberdeen ...	29.86	28	W	2	3C	29.97	+2.0	29	28	+2	WNW	2	3C	1	3C, S, P	34	25	7.5	0.01	
	Leith ...	29.89	33	WSW	1	3	29.98	+1.9	29	29	-3	WSW	2	C, S, P	*	3C	42	25	*	-	
North Shields ...	29.88	29	W	2	3m	29.96	+1.6	21	21	-8	W	2	3	3	3, 3m	37	21	*	-		
FRANCE.	Spurn Head ...	29.89	34	W	3	3C	29.91	+0.4	28	27	+3	NW	3	3C	3	3C	36	24	*	-	
	Yarmouth ...	29.89	33	WSW	2	3m	29.89	+0.1	27	27	+2	WNW	2	3f	3	3, 3m	35	23	*	-	
	Loughborough ...	29.95	28	WNW	1	3	29.98	+0.3	10	10	0	Z	0	0f	*	3, 0, 3f	40	10	*	-	
	Oxford ...	29.99	27	Z	0	3	29.97	-0.2	24	23	+2	N	1	3C	*	3f	40	20	*	-	
	London (Brixton) ...	29.95	24	NNE	1	f	29.93	-0.3	18	17	-6	N	1	f	*	9f	30	18	0.0	-	
	The Scaw (Skagen) ...	29.67	28	W	2	C	29.70	+1.3	31	31	+5	WNW	1	3	0	C	34	25	*	-	
	Fanö ...	29.83	31	W	1	3	29.84	+1.2	29	26	-3	SSW	1	3	*	3	36	28	*	0.04	
	Cuxhaven ...	29.89	31	SW	2	3	29.89	+0.5	26	25	-3	SW	2	3	*	3	34	26	*	-	
SPAN. PEN.	The Helder ...	29.89	35	W	2	3	29.87	+0.2	34	33	-1	W	1	C	1	3	37	30	*	-	
	Brussels ...	29.89	*	*	*	*	29.91	-0.6	16	16	-6	Z	0	?	0	3	38	15	*	-	
	Berlin ...	29.99	29	SW	1	0	29.97	+0.3	21	20	-3	SSE	2	C	*	0	34	19	*	-	
	Frankfurt ...	29.97	30	W	2	3	29.84	-1.8	24	22	-2	NE	3	3	*	3	39	23	*	-	
	Munich ...	29.93	31	SE	4	0	29.66	-3.2	29	29	+1	E	5	0	*	0	34	28	*	-	
	C. Gris Nez ...	29.93	34	E	1	m	29.89	-0.2	26	26	-7	ESE	1	m	1	m	41	25	*	-	
	Brest ...	29.76	36	E	4	3C	29.80	-0.8	36	33	+1	NE	4	0	3	3C	43	34	*	-	
	Lorient ...	29.71	39	ENE	5	C	29.73	-0.5	35	32	+2	ENE	6	C	4	C	43	33	*	-	
SPAN. PEN.	Rochefort ...	29.63	40	ENE	5	T	29.59	-1.7	36	35	-5	ENE	5	0	*	T	41	34	*	0.08	
	Biarritz ...	29.54	48	E	4	T	29.53	-1.2	53	47	+9	Z	0	C	1	T	?	43	*	0.20	
	Paris ...	29.90	34	NE	2	3	29.78	-1.9	27	25	+4	NE	3	3C	*	3	41	23	*	-	
	Belfort ...	29.86	31	ENE	6	0	29.63	-3.4	27	26	+4	ENE	4	8	*	0	36	27	*	-	
	Lyons ...	29.82	34	NW	1	0	29.66	-2.9	33	33	0	NNE	1	T	*	0	38	32	*	0.24	
	Nice ...	29.84	46	E	3	T	29.65	-2.3	44	44	0	?	?	0	4	T	52	41	*	1.26	
	Perpignan ...	29.56	51	SE	2	T	29.59	-2.2	41	41	-4	SW	1	0	*	T	58	39	*	-	
	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 Thursday 13th February, 1902

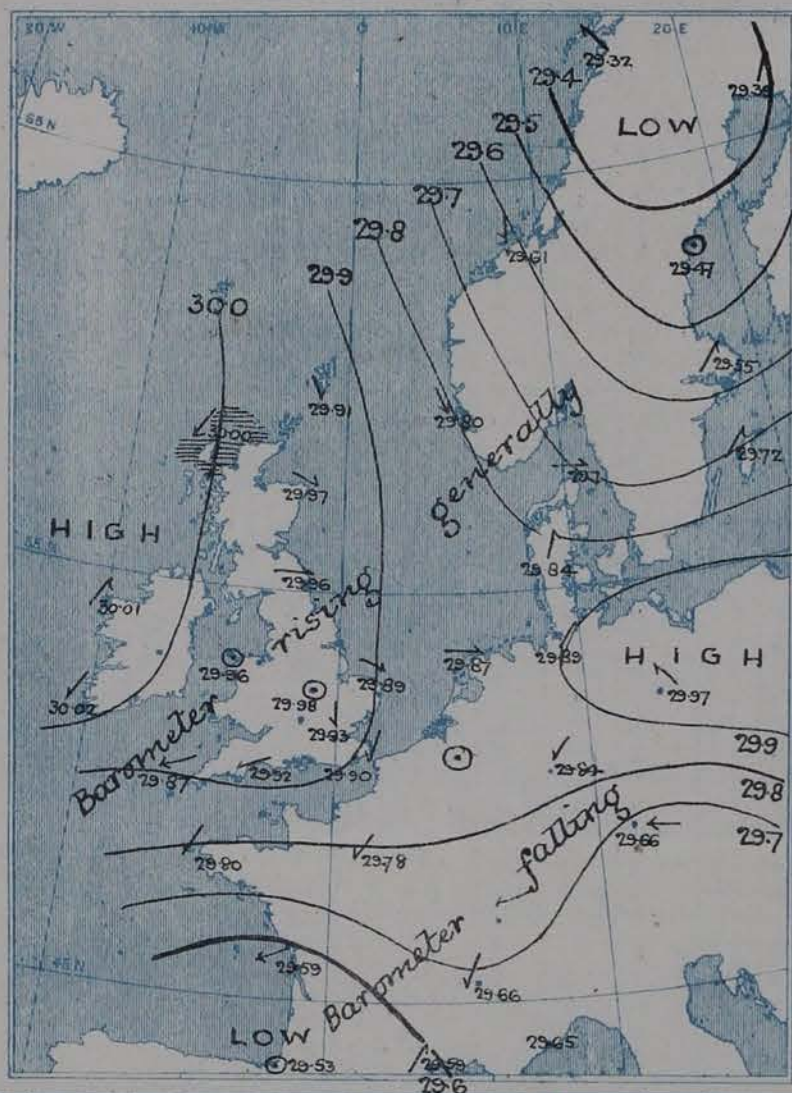
I. BAROMETER, WIND AND SEA. This Morning.

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

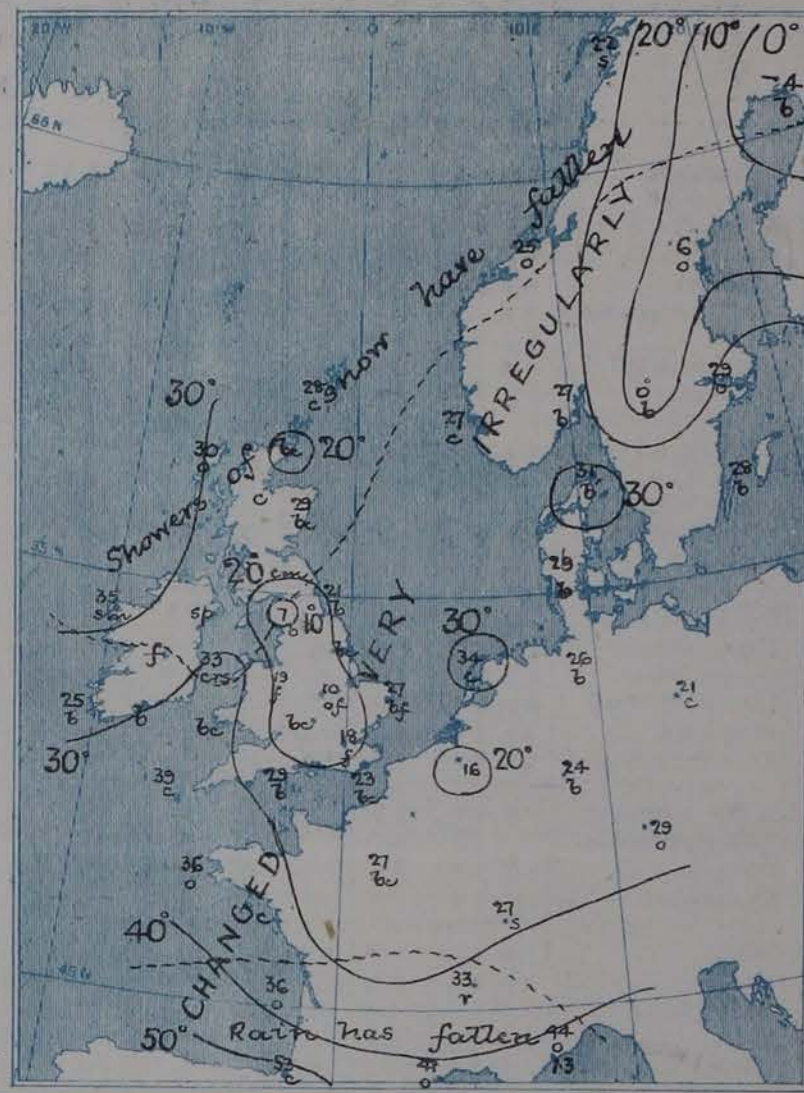


II TEMPERATURE AND WEATHER. This Morning.

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 in month of FEBRUARY (1871-1900)

Specimen { Highest Max., 60
(for Shields) { Lowest Min., 7
Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is highest, 29.9 ins. to 30.0 ins. and upwards, over the United Kingdom and the eastern portion of the North Sea, and above 29.9 ins. over North Germany. The lowest readings are shown in a cyclonic disturbance situated over the north of Scandinavia and Lapland, where they are below 29.4 ins. but the barometer is rather low, 29.7 ins. and less, over the southern districts of France and Germany. The barometer is falling in the regions just named, but rising slowly in most other places. Gradients are moderate to very slight.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light winds from between N. and W. prevail over all our more northern districts, but in the south and the adjacent parts of the Continent it draws into N.E. or E. and blows freshly in the Bay of Biscay and at Munich. Over Scandinavia the wind circulates round the baric minimum, and the NW^{ly} wind at Skudeenæs is strong. Temperature continues very low; at Newton Reigny it is 7°, at Loughborough 10°, at Bath 17°, and in London and at Wick 18°. The lowest value at our Irish stations is 25° at Valencia. At Scilly the thermometer marks 39°. On the Continent the readings range from 53° at Biarritz to 21° at Berlin, 16° at Brussels, zero at Larstad, and to -4° at Haparanda. The weather is fine in most parts of the United Kingdom, but snow showers are falling at Holyhead and Donaghadee, and fog prevails in some parts of England. Clear skies are reported in Denmark and some Scandinavian stations, but snow is falling at Bodø. Rain or snow is also reported from Lyons and Belfort. The sea is rather rough at Stornoway moderate to smooth elsewhere.

During yesterday the temperature rose to 40° over central England and to 42° at Leek, but fell rapidly towards night and registered a minimum of 4° at Newton Reigny, 10° at Loughborough, 16° at Bath, and 17° at Liverpool. Slight snow has fallen at some of our northern and western stations, and as much as 1.26 ins. of rain at Nice. Bright sunshine was again very prevalent over the country generally.



PROBABLE CHANGES IN SYSTEM NOW PREVALENT

No important change seems probable in the weather over our Islands, but owing to the decrease of pressure over Germany and the east of France, the NE^{ly} or E^{ly} wind is likely to extend more to the northward. The disturbance in the extreme north will move away eastwards or southeastwards to Russia.

FORECASTS *

For the 24 hours ending at NOON on 14 FEBRUARY, 1902

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	{ SCOTLAND NORTH	} NW ^{ly} to N ^{ly} or NE ^{ly} winds, light or moderate, very cold, fair.	6	{ SCOTLAND WEST	Same as No ^s 0 and 1.
1	{ SCOTLAND EAST		7	{ ENGLAND N.W.	Same as No. 2.
2	{ ENGLAND N.E.	Wind shifting to N. or NE; cold, fair.	8	{ ENGLAND S.W.	NE ^{ly} winds; cold, fair.
3	{ ENGLAND EAST	} NE ^{ly} or E ^{ly} winds, light or moderate; very cold, fine generally, but some local mists or fogs today.	9	{ IRELAND NORTH	} Variable or NE ^{ly} winds, light; cold, fair as a whole
4	{ MIDLAND COUNTIES		10	{ IRELAND SOUTH	
5	{ ENGLAND SOUTH		WARNINGS		At 7.50 pm yesterday to parts of districts 5 & 8, "HOIST NORTH CONE" At 10 am today "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	"	"	"	"	"	"	"	"	"	"	8	"	8	35	23	6.0	..
Newton Reigny (Penrith)	29.93	28	NW 1	8	30.00	+ .14	7	7	- 23	20	8	"	ogs, c, 8	37	4	5.7	0.02
Bath	29.93	30	NE 1	m	29.94	0	17	17	- 4	NE 1	m	"	m	38	16	5.1	-

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.	37	13	8c	3.9	—	Worthing...	*	*	*	7.5	*
Birmingham, 9 p.m.	35	23	8	0.1	—	Llandudno	*	*	*	8.4	*
Lowestoft, 6 p.m.	38	23	8	7.0	—	Rhyl	*	*	*	7.8	*
Hastings	*	*	*	8.6	*	Southport, 9 p.m.	40	14	8cf	3.3	—
Eastbourne	*	*	*	8.0	*	Manchester, 9 p.m.	37	18	0	1.3	—
Brighton	*	*	*	6.0	*	Darwen, 9 p.m.	35	19	8	4.9	—

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	6	0	Algiers	68	54	6	0
Madrid	55	41	0	0	Tunis	66	45	0	6c
Corsica (I. Sanguinaires)	54	43	f	f	Vienna	43	32	0	0
Rome	58	48	0	6c	St. Petersburg	28	12	6c	c
Florence	53	41	6	0	11 Feb. -/02				Measured 7 a.m.
Trieste	50	37	r	0	Lugano	39	—	0	—
Brindisi	59	41	c	c	Davos	27	—	0	—
Naples	Not recd.				Lucerne	34	—	0	0.16
Palermo	64	43	0	m.	Lausanne	32	—	5	0.08

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.
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. Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.16	12.7	4.58
Greenwich	7.20	12.14	5.8
Wick	7.52	12.26	5.0
Valencia	8.2	12.55	5.48

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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, 14th February, 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.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.
		At 32° and M.S.L.	Ins.	Dry Bulb.	Dirac.				At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Max.					Min.			
SCANDINAVIA.	Haparanda ...	29.46	-21	W	2	8	29.50	+11	-26	-26	-22	Z	0	0	*	8	-4	-26	*	-			
	Hernösand ...	29.59	11	Z	0	8	29.65	+18	18	18	+12	Z	0	8	*	8	?	1	*	-			
	Stockholm ...	29.80	15	W	2	8	29.92	+3	8	8	-21	WSW	2	8	*	8	30	8	*	-			
	Wisby ...	29.81	28	NW	6	8	29.99	+27	26	24	-2	NW	4	8	*	8	37	25	*	0.04			
	Karlstad ...	29.90	5	NNE	2	8	30.01	+39	-9	-9	-9	N	1	8	*	8	*	*	*	-			
	Färder (X'ianta Fjord) ...	29.91	26	WNW	4	8	29.97	+31	24	21	-3	W	2	8	1	8	28	21	*	-			
	Bodö ...	29.40	23	WNW	6	8	29.40	+08	23	21	+1	W	6	8	3	8	23	18	*	-			
	Christiansund ...	29.76	27	WNW	6	8	29.73	+12	28	26	+3	WNW	6	8	6	8	28	23	*	0.12			
	Skudesnaes ...	29.99	27	NNE	2	8	29.99	+19	27	26	0	W	2	0	3	8	32	25	*	*			
	Sumburgh Head ...	29.95	32	WNW	3	c	29.81	-10	32	32	+4	SW	1	8	4	8c,c	33	27	*	0.01			
BRITISH ISLANDS.	Stornoway ...	30.03	26	W	3	8	29.86	-14	39	37	+9	NNW	7	0	7	8	40	21	4.6	0.26			
	Malin Head ...	30.05	32	W	2	csp	30.07	+07	37	37	+6	W	5	7	3	c,csp	37	29	*	0.28			
	Blacksod Pt. ...	30.06	35	S	1	8	30.15	+14	32	31	-3	WSW	1	8	2	8p,8	41	30	*	0.06			
	Valencia... ..	30.07	35	ENE	1	8	30.19	+17	26	24	+1	NE	2	8	3	8	40	25	7.8	-			
	Roche's Point ...	30.06	34	NNE	2	8	30.20	+19	29	28	-2	NNE	3	8	3	8	40	28	*	-			
	Parsonstown ...	30.09	26	NE	2	f	30.20	+17	17	17	-9	NE	1	8	*	f	28	17	0.0	-			
	Donaghadee ...	30.08	35	ENE	2	8	30.13	+15	26	23	-3	WSW	2	0	2	8	37	20	*	-			
	Liverpool Obsy. ...	30.04	30	NNW	1	8	30.11	+12	28	26	+9	NNW	1	8	?	f,8c	33	18	*	-			
	Holyhead ...	30.02	34	NE	1	csp	30.14	+18	28	27	-5	SE	1	8c	0	c,csp	35	27	*	0.04			
	Pembroke (St. Ann's) ...	29.99	34	NE	2	8c	30.11	+17	30	29	-4	ENE	3	8	2	8c	40	28	2.4	-			
GERMANY, &c.	Scilly (St. Mary's)... ..	29.95	41	NNE	4	c	30.05	+18	39	34	0	NE	4	8	5	8c,c	44	32	7.5	0.03			
	Jersey (St. Aubins)... ..	29.95	33	N	2	8m	30.07	+15	27	27	-2	NNE	2	8	2	8c,m,8m	39	27	*	-			
	Portland Bill ...	29.95	25	NE	4	8c	30.03	+13	31	31	+8	NNE	1	csp	1	c,8c	37	22	*	0.02			
	Dungeness ...	29.91	25	NE	4	8c	30.03	+13	31	31	+8	NNE	1	csp	1	c,8c	37	22	*	0.02			
	Wick ...	30.01	18	Z	0	8	29.67	-29	34	34	+16	SSW	2	c	1	8c	34	13	*	0.03			
	Nairn ...	30.07	19	Z	0	8	29.75	-24	38	35	+10	NNW	4	0	2	8c	38	8	*	-			
	Aberdeen ...	30.07	29	NW	2	8c	29.87	-10	29	27	0	SSW	3	ogsp	2	8c	34	22	4.6	0.01			
	Leith ...	30.05	32	NE	1	8	29.96	-02	32	32	+3	WSW	3	c	*	8c	39	19	*	-			
	North Shields ...	30.02	37	NE	3	0	30.07	+11	20	20	-1	SW	1	f	2	csp,0	37	19	*	0.02			
	Spurn Head ...	29.95	34	NE	4	8	30.08	+17	33	32	+5	NNW	3	8csp	4	8c	35	27	*	-			
FRANCE.	Yarmouth ...	29.91	34	NNW	2	c	30.03	+14	33	32	+6	NE	2	8csp	4	8csp,c	37	26	*	0.02			
	Loughborough ...	30.00	24	WNW	1	8	30.11	+13	29	29	+19	WNW	1	of	0	f,8m,of	36	9	*	-			
	Oxford ...	30.02	28	NNE	1	8	30.13	+16	25	25	+1	NNE	2	om	*	8,m	39	22	*	-			
	London (Brixton) ...	29.96	34	NNE	1	8m	30.07	+14	29	28	+11	N	1	ogm	*	ogm,8	37	18	1.2	-			
	The Scaw (Skagen) ...	29.94	31	NW	1	8	30.01	+31	26	26	-5	NW	1	8	0	8	32	23	*	-			
	Fanö ...	30.05	19	N	1	8	30.10	+26	14	13	-15	Z	0	8	*	8	36	14	*	-			
	Cuxhaven ...	29.94	30	Z	0	0	30.09	+20	26	24	0	NE	1	8	*	0	34	26	*	-			
	The Helder ...	29.91	33	NNW	1	8c	30.05	+18	30	28	-4	E	2	8	2	8c	41	30	*	0.04			
	Brussels... ..	*	*	*	*	*	30.03	+12	18	18	+2	NE	2	f	*	8	32	14	*	-			
	Berlin ...	29.91	28	ENE	1	8	30.04	+07	25	25	+4	NE	2	0	*	8	34	14	*	-			
SPAN. PEN.	Frankfurt ...	29.87	28	NE	4	8	29.94	+10	23	22	-1	NE	4	8	*	8	34	23	*	-			
	Munich ...	29.71	30	Z	0	8	29.78	+12	26	26	-3	SW	2	8	*	8	34	25	*	-			
	C. Gris Nez ...	29.91	37	ENE	2	m	29.96	+07	26	26	0	E	1	8	2	m	39	25	*	-			
	Brest ...	29.55	38	NE	3	8c	30.06	+26	32	32	-4	NE	1	8	1	8c	41	30	*	-			
	Lorient ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	Rochefort ...	29.73	41	ENE	4	0	29.90	+31	32	30	-4	NE	4	8	*	0	45	30	*	-			
	Biarritz ...	29.68	50	W	2	0	29.92	+39	45	42	-8	NNW	4	0	3	0	57	45	*	-			
	Paris ...	29.84	33	NNE	3	8c	29.92	+14	27	25	0	NNE	3	8c	*	8c	37	26	*	-			
	Belfort ...	29.72	28	ENE	2	0	29.78	+15	27	26	0	ENE	3	m	*	0	31	26	*	0.12			
	Lyons ...	29.73	35	NNW	1	7	29.86	+20	32	32	-1	N	1	7	*	7	36	32	*	0.32			
SPAN. PEN.	Nice ...	29.62	46	SE	1	f	29.62	-03	41	40	-3	Z	0	8	*	f	50	39	*	0.16			
	Perpignan ...	29.62	46	SE	2	8c	29.72	+13	50	45	+9	W	3	0	*	8c	55	41	*	?			
SPAN. PEN.	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	Lisbon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
SPAN. PEN.	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.

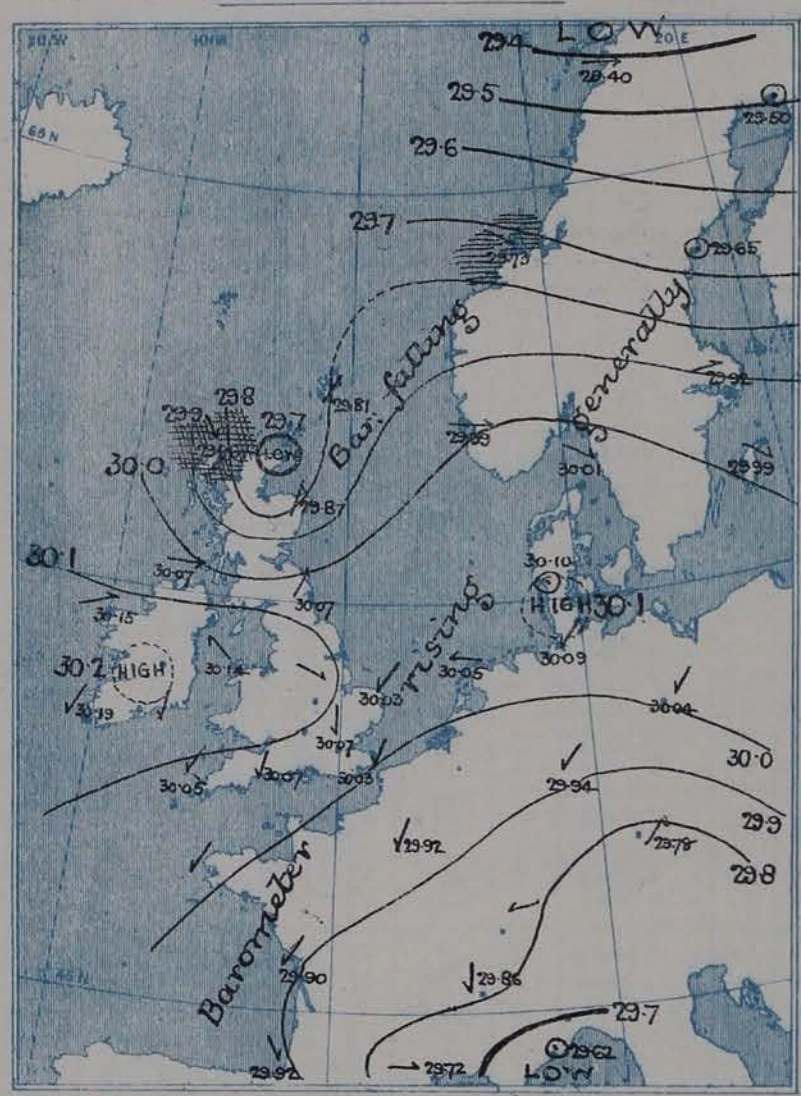
† Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR FRIDAY, 14th FEBRUARY, 1902

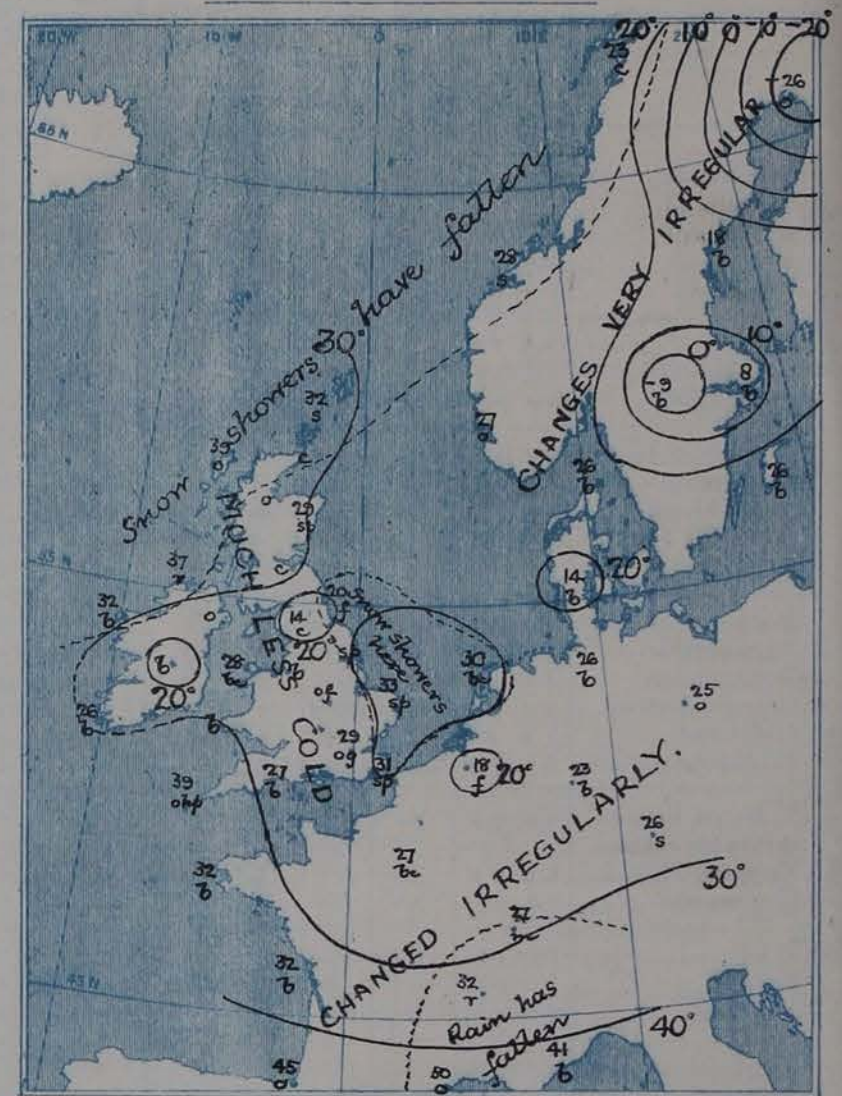
I. BAROMETER, WIND AND SEA. This Morning.

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.)
 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 in month of FEBRUARY (1871-1900)

Specimen { Highest Max. 60
 (for Shields) { Lowest Min. 7
 Malin Head & Blacksod & Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is highest, 30.1 ins. to 30.2 ins., over Ireland and the western and central parts of England, and is above 30.0 ins. in a band of relatively high pressure extending over the North Sea to the Continent. The lowest readings, 29.4 ins. and less, are still found in Finmark, but the barometer is below 29.7 ins. in a small disturbance which has appeared over Caithness, and below 29.7 ins. over the Gulf of Genoa. Gradients are rather steep in the north of Scotland, moderate to slight elsewhere. Pressure is increasing in most parts of our area, but decreasing over the east of Scotland.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light or moderate breezes from NE. prevail over France, Germany, and our southern districts, and moderate to fresh W^{ly} winds over Scandinavia. Over the north of our Islands the wind circulates round the cyclonic disturbance, and the N^{ly} wind in the Hebrides blows strongly. Temperature has risen several degrees in most parts of Great Britain, but is still much below the mean generally. The readings range from 39° in the Hebrides and at Scilly, to 25° at Oxford, 24° at Bath, 20° at Shields, 17° at Parsonstown, and 14° at Newton Reigny. At the continental stations the values vary from 46° at Biarritz to 27° at Paris and 18° at Brussels, and from 28° at Christiansund to -26° F. at Haparanda. The weather continues fair in most places, but fog is still prevalent over central England, and snow showers are reported along the east coast of Great Britain. Snow is also falling in the Shetlands and at Munich and hail at Scilly, while at Malin Head rain has set in. The sea is high in the Minch moderate to smooth elsewhere.

Maximum temperatures of about 40° were again recorded at some of our western and south-western coast stations, but on our east coast and in districts inland the thermometer did not rise above 37° and at Parsonstown only showed a maximum of 28°. The minimum during the night were as low as 15° at Loughborough, 13° at Hick, and 8° at Rairn. Except in a few places where fog prevailed a large amount of bright sunshine was registered yesterday.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic system in Scotland will probably move eastwards or east-southeastwards and cause fresh or strong NW^{ly} or N^{ly} winds on the Scotch coasts generally, with snow showers in many places. Slight snow is not unlikely in many parts of England and Ireland.

FORECASTS*

For the 24 hours ending at NOON on 15 FEBRUARY, 1902

DISTRICTS.

FORECASTS.

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

Wind shifting to NW or N and increasing in force; unsettled, squally, snow showers.
NW^{ly} and N^{ly} winds; some snow in places rather less cold.
N^{ly} (NW to NE) winds, light; cold, fog or mist locally, fair generally, but slight snow showers not improbable in places.

DISTRICTS.

FORECASTS.

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

Same as No 0 and 1.
Same as No 2.
NE^{ly} or N^{ly} winds, light or moderate; cold and fair generally.
Same as No 0 and 1.
N^{ly} or NE^{ly} winds, light, cold, fair.

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	"	"	"	"	"	"	"	"	"	"	bc	"	bc	37	25	7.7	0.03
Newton Reigny (Penrith)	30.64	27	NW 1	o	30.13	+ .13	14	13	+ 7	SE 1	c	"	bcos	37	7	3.7	0.02
Bath	29.97	28	NW 1	bc	30.10	+ .16	24	24	+ 7	W 1	m	"	bc	37	19	5.3	—

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.	35	21	bc	8.6	—	Worthing	.	.	.	5.4	.
Birmingham, 9 p.m.	34	21	bc	0.3	—	Llandudno	.	.	.	6.4	.
Lowestoft, 6 p.m.	37	24	c	5.7	—	Rhyl	.	.	.	7.8	.
Hastings	.	.	.	6.0	.	Southport, 9 p.m.	35	14	cf, bc	3.7	—
Eastbourne	.	.	.	8.0	.	Manchester, 9 p.m.	.	.	.	.	.
Brighton	*	*	*	6.0	*	Darwen, 9 p.m.	29	17	bc	0.8	—

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)	66	52	bc	r	Algiers	73	59	r	bc
Madrid	50	41	o	r	Tunis	70	45	m	o
Corsica (I. Sanguinaires)	57	41	f.	m	Vienna	37	32	o	s
Rome	58	52	o	o	St. Petersburg	21	9	o	o
Florence	55	49	o	o	12 Feb: -/02				
Trieste	52	46	o	r	Lugano	45	—	o	Measured 7 a.m.
Brindisi	64	49	bc	o	Davos	30	—	o	0.16
Naples	57	50	bc	o	Lucerne	34	—	o	0.35
Palermo	66	49	c	o	Lausanne	34	—	o	0.16
									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.

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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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Yarmouth	7.14	12.7	5.0
Greenwich	7.18	12.14	5.10
Wick	7.50	12.26	5.2
Valencia	8.0	12.55	5.50

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DAILY WEATHER REPORT

for 8 a.m. on *Saturday, 15th February, 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.	Direc.	Force (0 to 12.)	Weather.			Max.	Min.			
																					Ins.
SCANDINAVIA.	Haparanda ...	29.60	-20	Z	0	3	29.71	+21	-26	-31	0	N	2	c	*	3	-6	-33	*	-	
	Hernösand ...	29.73	9	Z	0	3	29.88	+23	10	9	-8	Z	0	3	*	3	27	-9	*	-	
	Stockholm ...	29.97	18	Z	0	3	30.09	+17	14	14	+6	WSW	2	3	*	3	25	7	*	-	
	Wisby ...	30.06	27	SW	4	3	30.13	+14	30	28	+4	WNW	6	0	*	3	36	21	*	-	
	Karlstad... ..	29.99	2	SW	2	3c	30.13	+12	-3	-3	+6	NE	2	f	*	3c	*	*	*	-	
	Färder (X'ianla Fjord)	30.00	30	W	4	3	30.12	+15	28	26	+4	W	4	3	2	3	30	23	*	-	
	Bodö ...	29.58	27	W	6	c	29.67	+27	29	27	+6	W	6	0	3	c	29	21	*	-	
	Christiansund ...	29.88	30	NW	6	s	29.76	+23	33	30	+5	S	6	0	6	s	34	27	*	0.20	
	Skudesnaes ...	30.05	35	SSW	2	c	30.14	+15	37	34	+10	SW	4	0	3	c	37	27	*	*	
		Sumburgh Head	29.98	28	NNE	1	0	29.91	+10	39	37	+7	SW	4	0	4	3,0	39	26	*	-
BRITISH ISLANDS.	Stornoway ...	30.05	34	WNW	2	3	29.99	+13	39	37	0	SW	5	0	5	0,3	43	32	4.1	0.28	
	Malin Head ...	30.13	40	W	4	3c	30.15	+08	34	33	-3	SSW	4	3	2	c,3c	42	33	*	0.16	
	Blacksod Pt. ...	30.19	40	SW	3	1	30.12	-03	43	40	+11	S	5	3	4	3c,3	44	31	*	-	
	Valencia... ..	30.26	36	Z	0	c	30.24	+05	40	37	+14	SSE	2	c	3	3,c	44	26	8.0	-	
	Roche's Point ...	30.26	39	NNW	1	3	30.32	+12	32	31	+3	NW	1	3c	3	3	43	28	*	-	
	Parsonstown ...	30.22	36	NE	2	c	30.27	+07	26	25	+9	E	1	3c	*	3c	42	13	5.9	-	
	Donaghadee ...	30.12	37	WNW	3	c	30.25	+12	30	29	+4	W	2	3	2	c	38	25	*	-	
	Liverpool Obsy.	30.12	35	W	4	0	30.30	+19	33	32	+5	WNW	1	3	?	3cm	37	28	*	-	
	Holyhead ...	30.14	40	NW	3	cdp	30.29	+15	39	38	+11	S	1	3cm	0	0,cdp	40	27	*	0.01	
	Pembroke (St. Ann's)	30.17	37	NNW	2	3	30.28	+17	38	35	+8	NNW	2	3	2	3	42	30	7.5	-	
GERMANY, &c.	Scilly (St. Mary's)...	30.18	40	NE	4	c	30.30	+25	41	38	+2	NNW	1	3	2	3c,c	43	34	6.1	-	
	Jersey (St. Aubins)...	30.17	31	NNE	2	3m	30.27	+20	35	35	+8	NNW	3	3	2	3m	40	27	*	-	
	Portland Bill ...	30.17	31	NNE	2	c	30.22	+19	29	28	-2	N	1	om	1	csp,csp	36	25	*	0.03	
	Dungeness ...	30.11	32	NNE	2	c	30.22	+19	29	28	-2	N	1	om	1	csp,csp	36	25	*	0.03	
	Wick ...	30.04	30	Z	0	3	30.03	+36	35	34	+1	S	2	3c	1	3c	38	24	*	0.03	
	Nairn ...	30.08	34	Z	0	3c	30.10	+35	35	34	-3	W	1	3	1	3c	40	27	*	0.01	
	Aberdeen ...	30.03	35	NNW	3	3c	30.16	+29	28	26	-1	WSW	1	3m	1	0,3sp,3c	39	24	1.8	0.03	
	Leith ...	29.99	37	WNW	2	3c	30.21	+25	23	23	-9	Z	0	m	*	3c	42	22	*	-	
	North Shields ...	29.97	37	WNW	3	0	30.26	+19	26	26	+6	W	2	3cm	2	f,c,o	37	20	*	-	
		Spurn Head ...	30.08	34	SW	4	s	30.24	+16	34	34	+1	E	4	0	3	s	37	31	*	0.13
FRANCE.	Yarmouth ...	30.06	34	E	1	c	30.23	+20	32	30	-1	SE	4	c	4	3c,c	35	30	*	0.04	
	Loughborough ...	30.13	33	WNW	2	0	30.26	+15	30	28	+1	WNW	1	0	*	3c,0,3c	40	29	*	-	
	Oxford ...	30.18	29	NW	1	c	30.27	+14	29	28	+4	NW	2	3	*	om,c	33	24	*	-	
	London (Brixton)	30.16	33	N	2	og	30.23	+16	32	31	+3	NW	1	gm,sp	*	ogm,s	34	29	0.0	-	
	The Scaw (Skagen)	30.09	34	WSW	1	3	30.18	+17	33	33	+7	WNW	2	c	0	3	34	23	*	-	
	Fanö ...	30.19	21	S	1	3	30.33	+23	19	18	+5	Z	0	3	*	3	30	14	*	-	
	Cuxhaven ...	30.15	29	E	1	3	30.32	+23	21	20	-5	E	1	3	*	3	30	21	*	-	
	The Helder ...	30.09	30	E	1	3	30.29	+24	25	24	-5	E	1	3	0	3	32	23	*	-	
	Brussels... ..	*	*	*	*	*	30.26	+23	21	21	+3	NE	1	s	*	0	26	14	*	-	
	Berlin ...	30.11	26	NE	3	0	30.26	+22	19	17	-6	NE	3	3	*	0	32	18	*	-	
SPAN. PEN.	Frankfurt ...	30.02	23	NE	4	0	30.14	+20	26	25	+3	NNE	2	0	*	0	32	23	*	0.04	
	Munich ...	29.82	28	SE	2	s	29.95	+17	25	25	-1	E	3	s	*	s	30	25	*	-	
	C. Gris Nez ...	30.14	35	NE	2	3c	30.17	+21	28	28	+2	NE	1	s	1	3c	37	26	*	-	
	Brest ...	30.19	36	NE	1	c	30.33	+27	39	34	+7	NNW	2	c	2	c	41	32	*	-	
	Lorient ...	30.14	37	NE	3	0	30.31	+30	37	37	+1	NW	4	0	2	0	41	34	*	-	
	Rochefort ...	30.07	40	NNE	4	3	30.25	+35	32	30	0	NE	2	3	*	3	45	30	*	-	
	Biarritz ...	30.08	43	NNW	3	c	30.28	+36	35	32	-10	ENE	3	c	2	c	46	34	*	-	
	Paris ...	30.06	30	NNE	4	3	30.22	+30	23	21	-4	NNE	2	3c	*	3	35	21	*	-	
	Belfort ...	29.90	27	ENE	2	s	30.05	+27	24	24	-3	E	2	s	*	s	30	24	*	0.08	
	Lyons ...	29.97	31	NW	2	0	30.11	+25	28	25	-4	NW	3	0	*	0	36	28	*	0.04	
SPAN. PEN.	Nice ...	30.02	50	N	3	3	30.23	+30	46	42	-7	NNE	5	3	*	3	59	45	*	0.12	
	Perpignan ...	29.91	45	NW	4	0	30.02	+30	36	30	-14	NW	5	3	*	0	52	35	*	-	
	Corunna ...	30.02	50	N	3	3	30.23	+30	46	42	-7	NNE	5	3	*	3	59	45	*	0.12	
	Lisbon ...	30.02	50	N	3	3	30.23	+30	46	42	-7	NNE	5	3	*	3	59	45	*	0.12	
	Azores (P. Delgada)	30.02	50	N	3	3	30.23	+30	46	42	-7	NNE	5	3	*	3	59	45	*	0.12	

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, 15th February, 1902*

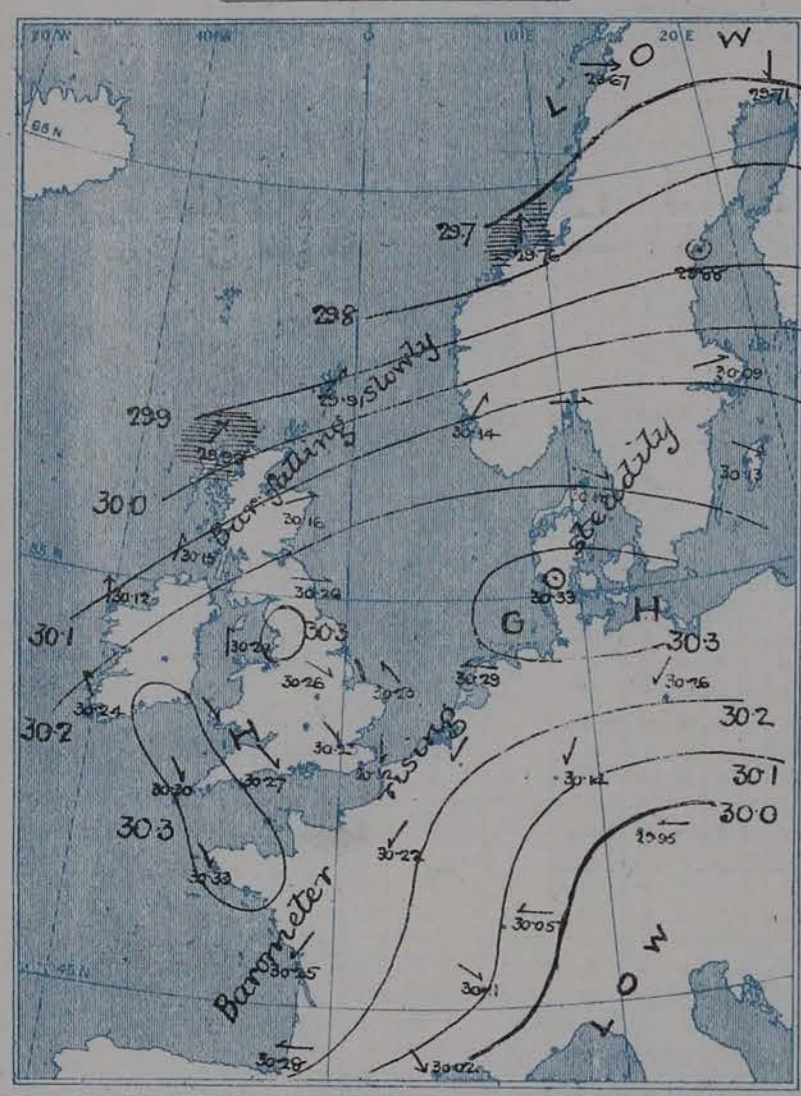
I. BAROMETER, WIND AND SEA. *This Morning.*

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

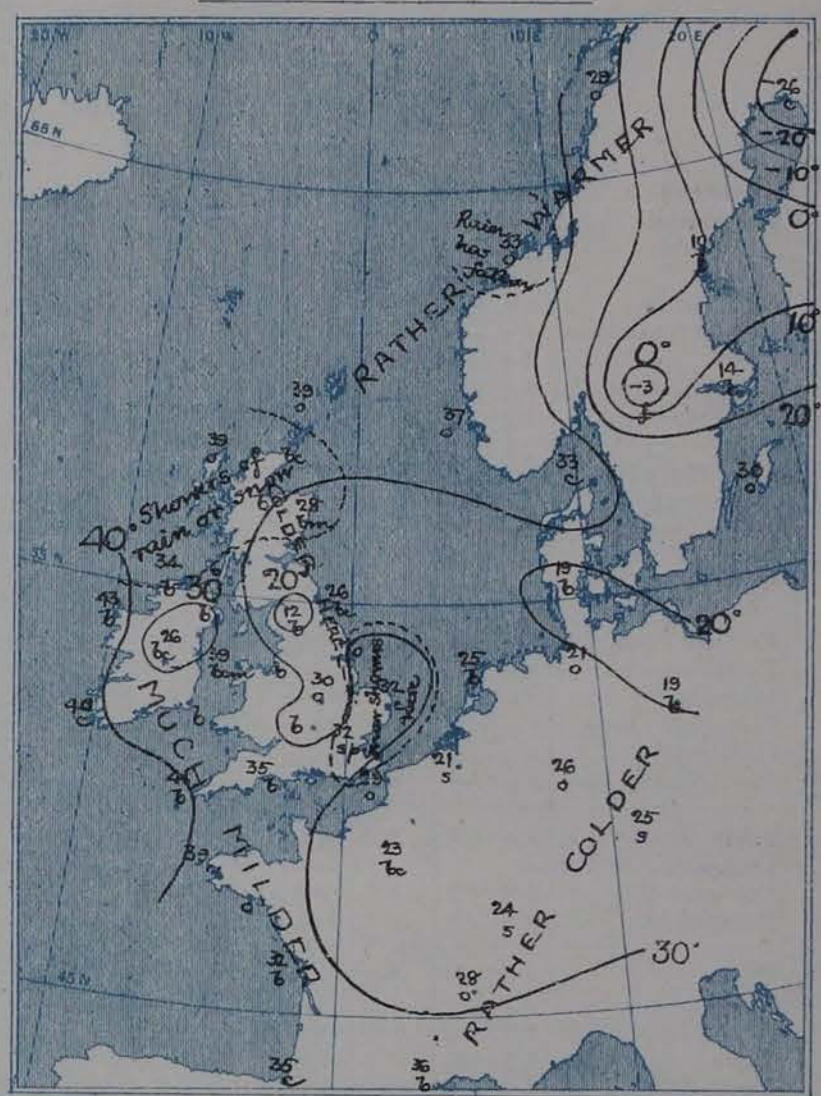


II. TEMPERATURE AND WEATHER. *This Morning.*

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



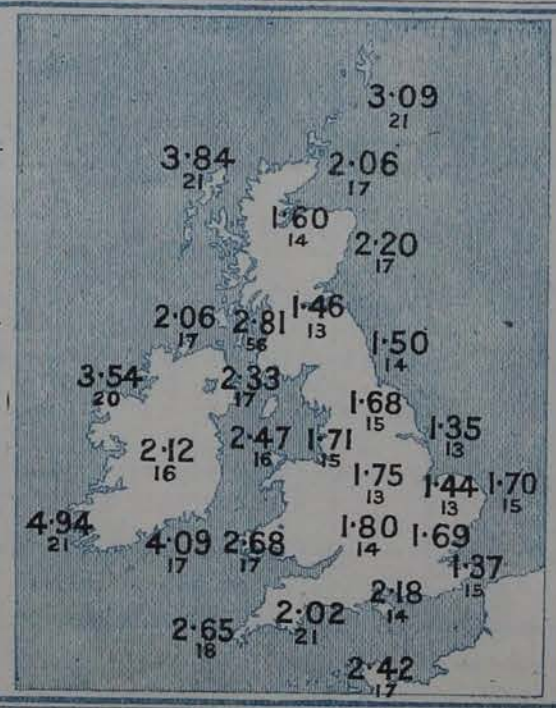
III. BAROMETER AND WIND

Yesterday morning.



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

Specimen (for Shields) { RAINFALL 1.50
RAIN DAYS 14
Malin Head & Blacksod-Belmullet Values are for only 15 hrs.



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Pressure is highest, 30.2 ins. to 30.3 ins., within an area embracing the greater part of England and Ireland, the Bay of Biscay, the western half of France, the Netherlands, North Germany, and Denmark, while it is lowest, less than 29.7 ins., in the extreme north of Norway and over Lapland, and no higher than 30.0 ins. over the Riviera and Bavaria. Gradients are moderate in the north, slight elsewhere. The barometer is rising over northwestern Europe generally, but has begun to fall on our W and NW coasts and in the N. of Norway.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light and variable NW^{ly} winds prevail over England, but in Ireland and Scotland the wind has shifted to the southward and is increasing somewhat in force. W^{ly} or SW^{ly} breezes are also reported from most parts of Scandinavia, but to the southward of the high pressure zone, i.e., over France and Germany, there is a light NE^{ly} current. Temperature has risen in most parts of our Islands—very briskly in the west—but it is still much below the normal over nearly the whole of Great Britain. The readings range from 43° on the west coast of Ireland and 41° at Scilly to about 29° over central England to 25° at Leeds, and to 12° at Newton Reigny. At many continental stations temperature has fallen, and the readings now range from 39° at Brest to 23° at Paris, 19° at Berlin and Fano, -3° at Karlstad, and to -26° at Paparanda. The weather is fine in most of our own districts and also at many stations on the continent, but slight snow showers prevail in London, and snow is also falling at Cape Gris Nez, Brussels, Lyons, and Munich. The sea is rough at Christiansund and rather so at Stornoway, moderate to smooth elsewhere.

Since yesterday morning snow has fallen in different parts of our more northern and eastern districts, but, as a whole, the weather has been fine. Temperature did not exceed 35° at some southeastern stations, but rose to 40° at Loughborough and to a few degrees higher in some western and northern localities. Bright sunshine was more prevalent in the west and southwest than elsewhere; some Sⁿ coast stations had less than three hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Cyclonic disturbances are approaching our western and northwestern coasts, and it is probable that these will cause the SW^{ly} winds to extend gradually over the Kingdom with a general increase of temperature.

FORECASTS *

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

DISTRICTS.

FORECASTS.

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

SW^{ly} winds increasing in force; some rain or sleet in places, milder.

W^{ly} to SW^{ly} breezes; fair to unsettled; milder.

Wind becoming W^{ly} or SW^{ly}; fair as a whole, but mist in places, local snow showers.

Temperature rising somewhat.

DISTRICTS.

FORECASTS.

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



Same as Nos. 0 and 1.

Wind shifting to W or SW, fair as a whole milder.

S^{ly} and SW^{ly} winds, increasing in force; milder, some rain or sleet.

WARNINGS

At 12.45 am yesterday to district 1 and part of 0, "HOIST NORTH CONE"
At 10 am today, "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	*	*	*	*	*	*	*	*	*	*	b	*	c, s	37	27	3.1	0.02
Newton Reigny (Penrith)	30.06	37	NW 3	o	30.21	+ .18	12	11	- 2	ESE 1	3	*	o, g, m, e, b	37	12	0.4	-
Bath	30.14	29	NW 1	m	30.27	+ .17	27	27	+ 3	W 1	f	*	m	32	23	0.4	-

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	21	3c	4.0	0.02	Worthing	*	*	*	0.9	*
Birmingham, 9 p.m.	*	*	*	*	*	Llandudno	*	*	*	4.2	*
Lowestoft, 6 p.m.	38	30	c	5.4	0.20	Rhyl	*	*	*	4.0	*
Hastings	*	*	*	*	*	Southport, 9 p.m.	37	16	c, o, c	0.3	-
Eastbourne	*	*	*	4.2	*	Manchester, 9 p.m.	36	16	o, m	0.0	-
Brighton	*	*	*	1.3	*	Darwen, 9 p.m.	35	19	c, m	1.9	-

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	73	55	c c	0.04
Madrid					Tunis	68	50	c o	-
Corsica (I. Sanguinaires)	55	46	m	0.32	Vienna	36	32	r o	0.08
Rome	59	52	o	0.16	St. Petersburg	30	9	a b	0.04
Florence	57	48	r	0.35	13. Feb: -/02				Measured 7 a.m.
Trieste	55	48	o	0.20	Lugano	37	—	r	0.35
Brindisi	64	50	o	—	Davos	39	—	o	—
Naples	56	53	o	0.87	Lucerne	36	—	o	—
Palermo	70	51	bc	—	Lausanne	34	—	s	0.28

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.

15 Feb, 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7 12	12 7	5 2
Greenwich	7.16	12.14	5 12
Wick	7.48	12.26	5 4
Valencia	7.58	12.55	5.52

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, 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 16th February

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 ...	29.72	-9	N	2	b	29.65	-0.06	-8	-8	+18	N	2	b	*	b	-2	-29	*	—
	Hernösand ...	29.65	26	SW	4	o	29.66	-0.22	36	33	+26	Z	0	o	*	o	36	7	*	—
	Stockholm ...	30.10	30	SW	2	b	30.06	-0.03	33	31	+19	W	4	bc	*	b	33	14	*	—
	Wisby ...	30.23	33	SSW	4	b	30.30	+0.17	31	29	+1	W	6	bc	*	b	36	25	*	—
	Karlstad ...	30.08	33	SW	8	o	30.14	+0.01	34	31	+37	WSW	6	c	*	o	*	*	*	—
	Färder (X'iania Fjord) ...	30.11	35	SW	6	o	30.13	+0.01	36	34	+8	SW	6	o	4	o	36	28	*	—
	Bodö ...	29.42	22	ENE	6	c	29.14	-0.53	27	26	-2	ENE	6	s	3	c	29	19	*	—
BRITISH ISLANDS.	Christiansund ...	29.66	40	SW	9	+	29.57	-0.19	39	37	+6	W	9	+	7	+	41	28	*	0.28
	Skudesnaes ...	30.17	39	SW	6	b	30.11	-0.03	39	37	+2	SSW	8	o	5	b	39	36	*	*
	Sumburgh Head ...	29.81	40	SW	5	o	29.64	-0.27	40	39	+1	SW	5	+	6	b, o	42	37	*	0.22
	Stornoway ...	29.82	40	SW	8	+	29.63	-0.36	41	40	+2	SW	8	+	9	o, +	44	38	0.8	0.50
	Malin Head ...	30.01	38	SSW	7	bc	29.72	-0.43	40	38	+6	S	7	og	5	o, bc	40	32	*	—
	Blacksod Pt. ...	30.00	45	S	7	om	29.64	-0.48	47	43	+4	S	9	cqm	7	omp, om	48	35	*	0.01
	Valencia ...	30.14	46	SSE	4	og	29.77	-0.47	47	44	+4	SSE	7	om	6	og	47	40	1.5	—
GERMANY, &c.	Roche's Point ...	30.25	44	SSW	5	c	29.97	-0.35	45	42	+13	SW	7	o	5	c	45	32	*	—
	Parsonstown ...	30.18	38	SE	3	bc	29.92	-0.35	42	39	+16	SE	7	og	*	bc	44	25	6.1	—
	Donaghadee ...	30.21	39	W	2	c	29.98	-0.27	41	39	+11	S	4	cq	4	c	41	29	*	—
	Liverpool Obsy. ...	30.33	35	SSE	2	b	30.20	-0.10	29	28	-1	SE	4	b	3	b, m	39	28	*	—
	Holyhead ...	30.28	41	SSW	2	cm	30.13	-0.16	38	36	-1	S	7	cq	5	cm	44	36	*	—
	Pembroke (St. Ann's) ...	30.29	45	SW	4	bc	30.13	-0.15	41	38	+3	S	6	bcqm	5	bc	46	34	7.4	—
	Scilly (St. Mary's) ...	30.32	47	SSE	2	b	30.15	-0.15	44	41	+3	SSE	6	c	2	b	50	38	8.1	—
FRANCE.	Jersey (St. Aubins) ...	30.37	40	ENE	1	c	30.32	+0.05	32	32	-3	ESE	3	b	3	b, c	46	32	*	—
	Portland Bill ...	30.37	31	NE	3	bc	30.34	+0.12	31	30	+2	E	3	b	2	c, bc	33	21	*	—
	Dungeness ...	30.37	31	NE	3	bc	30.34	+0.12	31	30	+2	E	3	b	2	c, bc	33	21	*	—
	Wick ...	29.90	38	S	6	c	29.67	-0.36	40	40	+5	S	6	cu	3	c, q	40	34	*	—
	Nairn ...	29.96	39	WNW	2	c	29.79	-0.31	43	38	+8	WSW	3	c	1	c	43	33	*	—
	Aberdeen ...	30.09	37	SSW	4	cq	29.96	-0.20	39	36	+11	SSW	4	og	4	bc, cq	41	28	5.6	—
	Leith ...	30.13	38	SSW	3	o	30.01	-0.20	39	36	+16	ENE	2	o	*	o	47	23	*	—
SPAN. PEN.	North Shields ...	30.27	35	SSW	3	bc	30.15	-0.11	30	30	+4	SSW	3	cm	2	bc	41	25	*	—
	Spurn Head ...	30.36	33	S	4	bc	30.31	+0.07	26	26	-8	S	4	bc	4	bc	36	24	*	—
	Yarmouth ...	30.36	33	ESE	4	b	30.36	+0.13	31	30	-1	ESE	4	b	4	b	34	26	*	—
	Loughborough ...	30.38	35	ESE	1	o	30.34	+0.08	21	21	-9	SE	2	bc	*	c, o, c, b	37	21	*	—
	Oxford ...	30.43	33	E	2	bc	30.36	+0.09	23	22	-6	SSE	2	b	*	bc, m	41	23	*	—
	London (Brixton) ...	30.42	30	E	1	o	30.35	+0.12	18	16	-14	NE	1	b, f	*	om, o	36	17	0.0	—
	The Scaw (Skagen) ...	30.28	34	WNW	5	o	30.30	+0.12	28	27	-5	WSW	5	bc	1	o	37	27	*	—
GERMANY, &c.	Fanö ...	30.43	28	WNW	1	b	30.49	+0.16	29	28	+10	SSW	2	b	*	b	32	219	*	—
	Cuxhaven ...	30.47	28	NE	1	b	30.52	+0.20	18	17	+3	SSE	1	b	*	b	30	?	*	—
	The Helder ...	30.41	28	E	1	b	30.44	+0.15	23	22	-2	E	1	b	0	b	30	23	*	—
	Brussels ...	*	*	*	*	*	30.38	+0.12	14	13	-7	NE	2	b	*	b	30	11	*	—
	Berlin ...	30.45	24	ESE	1	b	30.53	+0.27	17	16	-2	E	3	b	*	b	28	16	*	—
	Frankfurt ...	30.32	26	NE	4	o	30.31	+0.17	21	19	-5	NE	4	bc	*	o	32	21	*	—
	Munich ...	30.11	24	NE	5	o	30.10	+0.15	19	18	-6	E	6	o	*	o	28	19	*	0.08
FRANCE.	C. Gris Nez ...	30.34	27	E	2	c	30.34	+0.17	19	19	-9	ESE	3	bc	3	c	32	19	*	—
	Brest ...	30.38	44	NNW	3	c	30.28	-0.05	36	34	-3	ESE	2	b	2	c	46	36	*	—
	Lorient ...	30.37	41	N	3	bc	30.31	-0.00	31	30	-6	E	3	c	2	bc	45	30	*	—
	Rochefort ...	30.26	40	NNW	4	c	30.26	+0.01	27	26	-5	NE	3	b	*	o, c	43	25	*	—
	Biarritz ...	30.35	42	W	3	+	30.29	+0.01	34	32	-1	Z	0	bc	2	+	42	32	*	0.16
	Paris ...	30.32	19	NNE	3	o	30.29	+0.07	18	17	-5	NNE	2	b	*	o	31	17	*	—
	Belfort ...	30.13	24	Z	0	s	30.06	+0.01	24	23	0	ENE	6	o	*	s	27	21	*	0.08
SPAN. PEN.	Lyons ...	30.19	24	NW	5	s	30.06	-0.05	26	24	-2	N	3	s	*	s	30	24	*	—
	Nice ...	29.67	43	SE	5	c	29.62	-0.05	36	35	-2	E	1	+	3	c	52	36	*	0.04
	Perpignan ...	30.09	35	NW	7	b	29.93	-0.09	32	29	-4	NW	7	m	*	b	41	31	*	0.04
SPAN. PEN.	Corunna ...	30.35	48	NNE	3	b	30.28	+0.05	40	39	-6	NNE	3	o	*	b	52	39	*	—
	Lisbon ...	30.01	62	SSW	5	f	29.98	-0.05	60	58	-2	WSW	5	f	5	f	63	59	*	0.24

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, 16th February, 1902

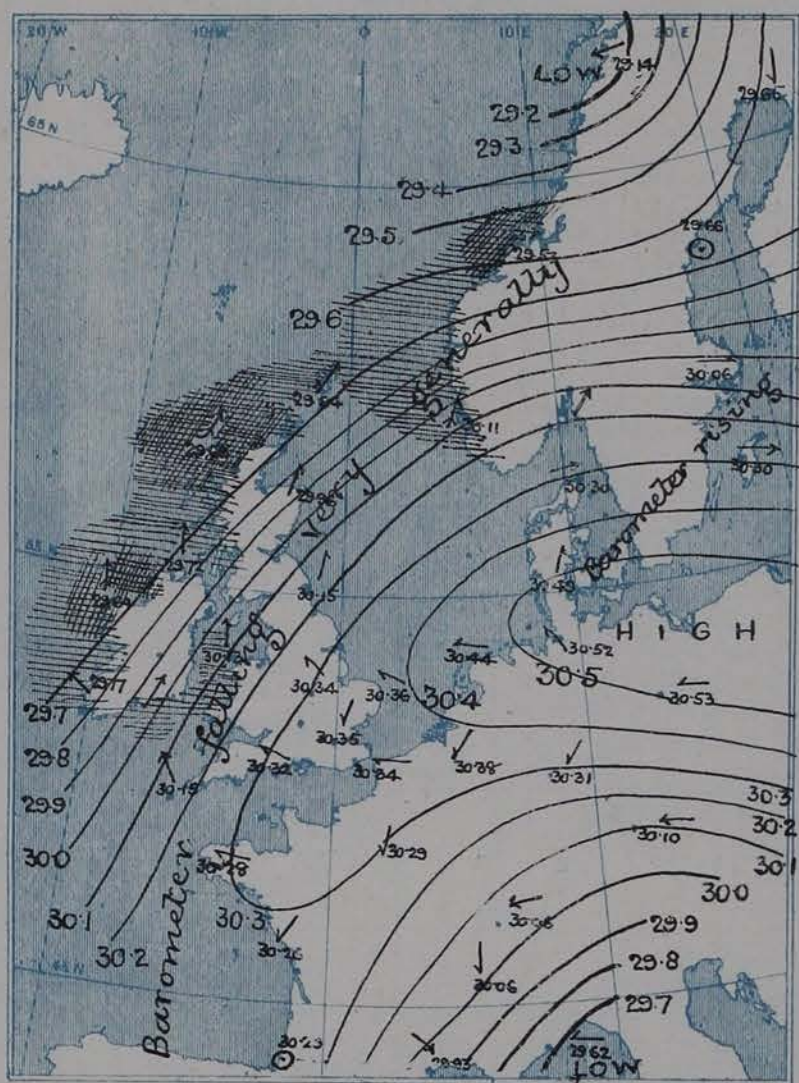
I. BAROMETER, WIND AND SEA. This Morning.

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

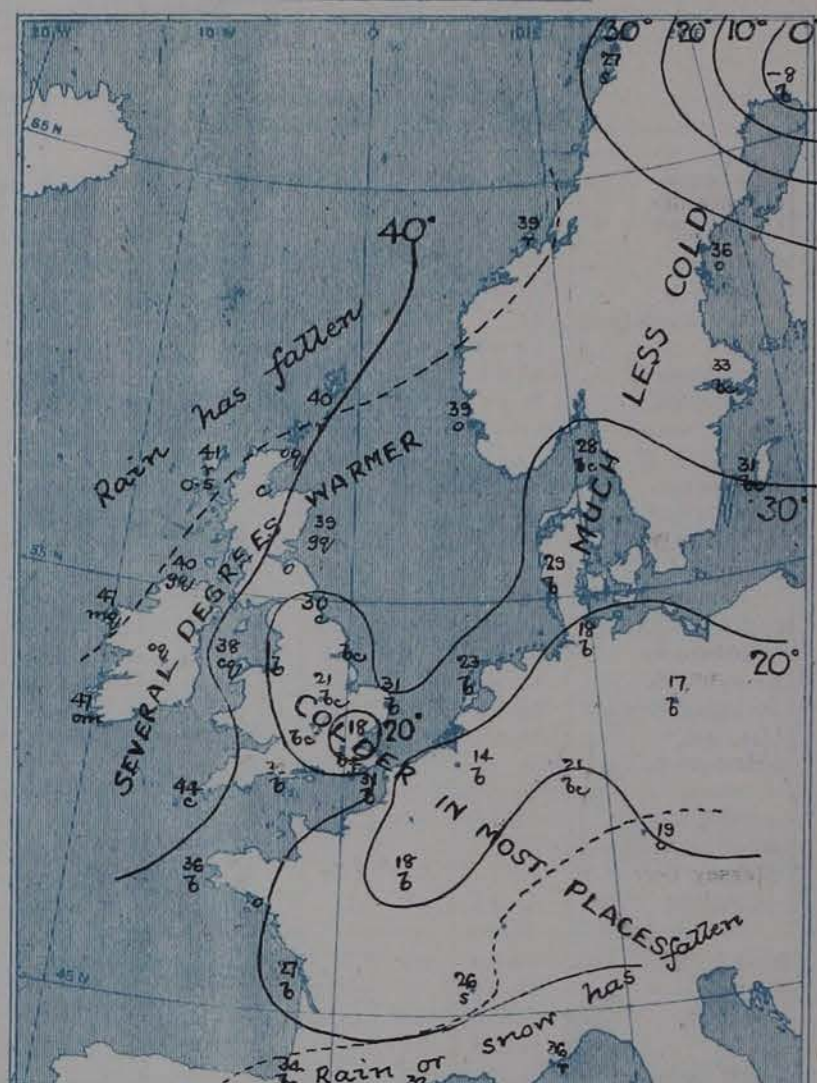


II. TEMPERATURE AND WEATHER. This Morning.

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 FEBRUARY (1871-1900)

Specimen (for Shields) { RAINFALL 1.50
RAIN DAYS 14
Malin Head & Blacksod & Belmullet Values are for only 15 1/2



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is highest, 30.4 ins. to 30.5 ins. and upwards, over Denmark, the Netherlands, and North Germany, while it is lowest, 29.7 ins. and less, in a large and deep cyclonic disturbance shown off the northwest coast of Norway. It is also relatively low, 29.7 ins. and less, over our own northwestern and northern coasts and also over the Riviera and the Gulf of Genoa. Gradients have become steep in the west and north of our islands and over Scandinavia as well as in the southeast of France. Pressure is decreasing decidedly in the west and north, still increasing somewhat to the eastward of the North Sea.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has shifted to S^d (between S.E. and S.W.) on all our western and northern coasts, and to N in all the more southern districts of Scandinavia. It blows freshly or strongly generally and has attained the force of a moderate to strong gale in Ireland and the west of Norway. Over France, Germany, the Netherlands and our southern and south-eastern districts the wind continues light from the E^d or N.E^d. Temperature has risen quickly in Ireland, Scotland, and Scandinavia, under the influence of the S^d wind, but has fallen several degrees in most parts of England, and the adjacent continental countries. The readings vary from 47° in the west of Ireland, 45° at Naïm to 30° at Shields, 21° at Loughborough and 18° in London. At the French and German stations they range from 36° at Brest and Nice, to 19° at Munich, 18° at Paris, 17° at Berlin, and 14° at Brussels. The weather continues fine over Germany, England, and the north of France but in most other regions it has become cloudy or dull, with rain in the Shetlands and Hebrides, and rain or snow in the west of Norway and the southeast of France. The sea is extremely high in the Minch high at Blackhead Pt. and rough in the west and north generally.

The maximum temperatures recorded yesterday on our western and southwestern coasts were above 40°, but at Yarmouth the highest reading was only 36°. Very severe frost was experienced over the inland parts of England - especially in the metropolis and its neighbourhood. Rather heavy rain has fallen in the extreme northwest. Bright sunshine has been very prevalent at some western and southwestern stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on -17 FEBRUARY, 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

WARNINGS

NONE ISSUED

At 7 pm. yesterday to districts 0, 6, 10, and parts of 1 and 9, and at 9.35 am today to districts 2, 7, 8, & remainder 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.

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	"	O, C	34	24	2.9	-
Newton Reigny (Penrith)																	
Bath	30.34	29	W. 1	m	30.29	+0.2	23	22	-4	E. 1	bc	"	m	44	22	? 6.0	-

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.		Hrs.	Ins.		Max.	Min.		Hrs.	Ins.
Harrogate, 6 p.m. ...	38	27	bc	5.2	~	Worthing ...	"	"	"	2.2	"
Birmingham, 9 p.m. ...	40	28	c	1.2	~	Llandudno ...	"	"	"	8.0	"
Lowestoft, 6 p.m. ...	"	"	"	"	"	Rhyl ...	"	"	"	"	"
Hastings ...	"	"	"	"	"	Southport, 9 p.m. ...	45	20	b, f, m	4.7	~
Eastbourne ...	"	"	"	"	"	Manchester, 9 p.m. ...	"	"	"	"	"
Brighton ...	×	×	×	"	×	Darwen, 9 p.m. ...	42	23	c	6.4	~

STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Madeira (Funchal)	68	50	b c	—	Algiers	68	55	c o	—
Madrid	55	30	e b	—	Tunis... ..	68	46	o o	—
Corsica (I. Sanguinaires) ...	59	43	f m	0.20	Vienna	36	27	s s	0.16
Rome	59	46	r c	0.16	St. Petersburg... ..	28	7	b o	—
Florence	55	47	o o	0.22	14 Feb -/02	1 p.m.			Measured 7 a.m.
Trieste	61	54	o o	0.04	Lugano	36	—	o	0.71
Brindisi... ..	65	50	o o	—	Davos	27	—	s	—
Naples	57	51	r c	0.16	Lucerne	32	—	s	0.24
Palermo	71	45	b c	0.08	Lausanne... ..	32	—	o	0.59

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.

					UNITED KINGDOM, TO-DAY.			
	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	16 Feb., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, } Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	h. m. 7.10	h. m. 12.7	h. m. 5.4
Germany, Denmark, } Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	7.15	12.14	5.13
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	7.46	12.26	5.6
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	7.57	12.55	5.53
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.						

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, 17th February, 1902.*
 Issued by the Meteorological Office, 63, Victoria Street, London. *W. N. BHAW, 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.	"	"
SCANDINAVIA.	Haparanda	29.12	33	WSW	6	bc	29.60	-0.05	29	28	+37	NW	6	bc	*	bc	36	-13	*	0.04	
	Hernösand	29.58	41	W	4	bc	29.90	+0.24	37	37	+1	Z	0	o	*	bc	43	23	*	-	
	Stockholm	30.12	33	SW	6	o	30.17	+0.11	33	32	0	SW	2	o	*	o	37	30	*	-	
	Wisby	30.35	30	SSW	6	bc	30.33	+0.03	29	26	-2	SW	6	o	*	bc	37	27	*	-	
	Karlstad	30.15	33	SW	6	o	30.21	+0.07	30	29	-4	SW	2	bc	*	o	*	*	-		
	Färder (X'ania Fjord)	30.16	36	WSW	7	o	30.21	+0.08	35	33	-1	SW	6	c	4	o	37	34	*	-	
	Bodö	28.99	37	W	7	c	29.82	+0.68	34	30	+7	NW	4	bc	2	c	37	27	*	0.83	
	Christiansund	29.69	40	WSW	8	r	29.89	+0.82	39	36	0	WSW	1	c	7	r	41	37	*	0.51	
	Skudesnaes	30.15	39	SSW	8	bc	30.17	+0.06	35	33	-4	S	6	bc	4	bc	39	34	*	*	
	Sumburgh Head	29.70	40	SW	4	r	29.81	+0.17	39	37	-1	S	4	o	6	r	40	39	*	0.68	
BRITISH ISLANDS.	Stornoway	29.61	43	SW	8	o	29.71	+0.08	41	40	0	SW	6	o	7	o	45	39	0.0	0.34	
	Malin Head	29.61	41	SSW	8	ogp	29.70	-0.02	37	37	-3	SSW	7	r	5	ogp	42	33	*	0.11	
	Blacksod Pt.	29.50	47	S	9	ogmp	29.69	+0.05	46	44	-1	S	5	om	4	ogp	48	43	*	0.17	
	Valencia	29.62	47	SSE	7	rmp	29.76	-0.01	44	43	-3	Z	0	f	4	rmp	48	42	0.0	1.36	
	Roche's Point	29.77	45	S	8	r	29.79	-0.18	45	44	0	SW	5	r	5	o,r	46	43	*	0.85	
	Parsonstown	29.74	42	SE	7	o	29.77	-0.15	40	39	-2	SE	3	or	*	ogp	45	39	0.0	0.48	
	Donaghadee	29.88	40	S	4	og	29.85	-0.13	39	36	-2	S	3	o	3	o	43	39	*	-	
	Liverpool Obsy.	30.07	33	SE	3	bc	29.93	-0.27	25	23	-4	ESE	4	bc	?	c	34	24	*	-	
	Holyhead	29.98	39	S	8	og	29.90	-0.23	37	32	-1	S	2	cm	2	c,og	44	32	*	-	
	Pembroke (St. Ann's)	29.95	39	SSE	7	c	29.85	-0.28	38	35	-3	SE	6	c	6	c	41	36	0.0	-	
GERMANY, &c.	Scilly (St. Mary's)	29.90	44	SSE	7	o	29.80	-0.35	44	42	0	SE	5	opm	5	o	46	41	0.0	-	
	Jersey (St. Aubins)	30.12	35	E	3	bc	29.89		34	31		NE	2	bcm	2	bc	37	27	7.0	-	
	Portland Bill	30.11	35	ESE	4	c	29.92	-0.40	33	33	+1	ENE	3	bc	2	bc,c	39	32	*	-	
	Dungeness	30.15	32	NE	3	bc	29.92	-0.42	33	32	+2	ESE	3	bc	2	bc,bc	35	24	*	-	
	Wick	29.73	42	S	5	o	29.80	+0.13	39	38	-1	SSE	4	o	4	og	43	37	*	-	
	Nairn	29.76	42	WSW	3	c	29.78	-0.01	40	36	-3	WSW	3	c	2	c	44	30	*	-	
	Aberdeen	29.92	37	S	3	bcg	29.93	-0.03	33	30	-6	SSW	1	cm	2	bcg	40	32	0.0	-	
	Leith	29.92	37	S	3	bc	29.90	-0.11	30	28	-9	Z	0	f	*	bc	42	29	*	-	
	North Shields	30.08	32	SSW	3	m	29.96	-0.19	29	28	-1	SSW	2	bcm	2	m	36	24	*	-	
	Spurn Head	30.17	33	SSE	4	bc	29.98	-0.33	34	33	+8	SSE	3	o	3	bc	35	25	*	-	
FRANCE.	Yarmouth	30.20	34	ESE	4	bc	29.94	-0.42	32	31	+1	E	4	c	4	bc	35	29	*	-	
	Loughborough	30.18	26	E	1	bc	30.00	-0.34	15	14	-6	WNW	1	bc	*	bc,cm,bc	37	14	*	-	
	Oxford	30.14	29	ESE	2	bc	29.99	-0.37	20	19	-3	ENE	1	bc	*	bc	37	19	*	-	
	London (Brixton)	30.18	30	NE	1	bc	29.97	-0.38	21	20	+3	SSE	1	f	*	bc,cf	37	18	2.2	-	
	The Scaw (Skagen)	30.34	29	W	6	o	30.29	-0.01	28	27	0	SW	2	bc	0	o	32	25	*	-	
	Fanö	30.38	19	ESE	2	bc	30.23	-0.26	21	20	-8	E	4	bc	*	bc	32	18	*	-	
	Cuxhaven	30.39	27	E	3	bc	30.14	-0.38	23	23	+5	ESE	4	o	*	bc	28	?	*	-	
	The Helder	*	*	*	*	*	30.00	-0.44	22	21	-1	E	2	bc	0	?	30	22	*	-	
	Brussels	*	*	*	*	*	29.94	-0.44	16	16	+2	Z	0	bc	*	bc	29	13	*	-	
	Berlin	30.38	24	E	3	bc	30.17	-0.36	26	25	+9	ESE	4	o	*	bc	27	17	*	-	
SPAN. PEN.	Frankfurt	30.09	26	NE	4	bc	29.93	-0.38	27	25	+6	NE	3	bc	*	bc	30	21	*	-	
	Munich	29.92	27	E	5	o	29.82	-0.28	24	24	+5	Z	0	f	*	o	27	19	*	-	
	C. Gris Nez	30.17	32	ESE	4	bc	29.92	-0.42	23	23	+4	E	1	m	1	bc	37	19	*	-	
	Brest	30.10	37	SE	3	bc	29.82	-0.46	35	33	-1	ESE	4	o	4	bc	43	34	*	-	
	Lorient	30.09	32	SE	2	o	29.83	-0.48	32	32	+1	E	3	c	5	o	41	30	*	-	
	Rochefort	30.10	33	NNE	3	bc	29.86	-0.40	28	25	+1	ESE	3	bc	*	bc	41	18	*	-	
	Biarritz	30.17	38	SW	1	bc	29.82	-0.47	31	28	-3	SE	3	c	2	bc	43	28	*	-	
	Paris	30.13	28	N	3	bc	29.92	-0.37	19	19	+1	N	1	c	*	bc	32	18	*	-	
	Belfort	29.98	24	ENE	5	o	29.88	-0.18	23	22	-1	Z	0	o	*	o	26	22	*	-	
	Lyons	29.98	28	N	1	o	29.95	-0.11	27	25	+1	N	1	o	*	o	36	?	*	-	
Nice	29.57	40	SW	1	o	29.78	+0.16	43	37	+7	E	1	c	4	o	43	36	*	0.08		
Perpignan	29.88	38	NW	6	bc	29.88	-0.05	27	25	-5	SW	1	bc	*	bc	39	25	*	-		
SPAN. PEN.	Corunna																				
	Lisbon f...	30.12	54	SSW	5	r	30.12	-0.16	55	53	+15	WNW	4	bc	*	r	55	40	*	0.55	
Azores (P. Delgada)	30.21	55	WNW	1	m	30.13	+0.15	59	57	-1	S	5	m	5	m	64	55	*	-		

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

WEATHER CHARTS

FOR *Monday, 17th February, 1902*

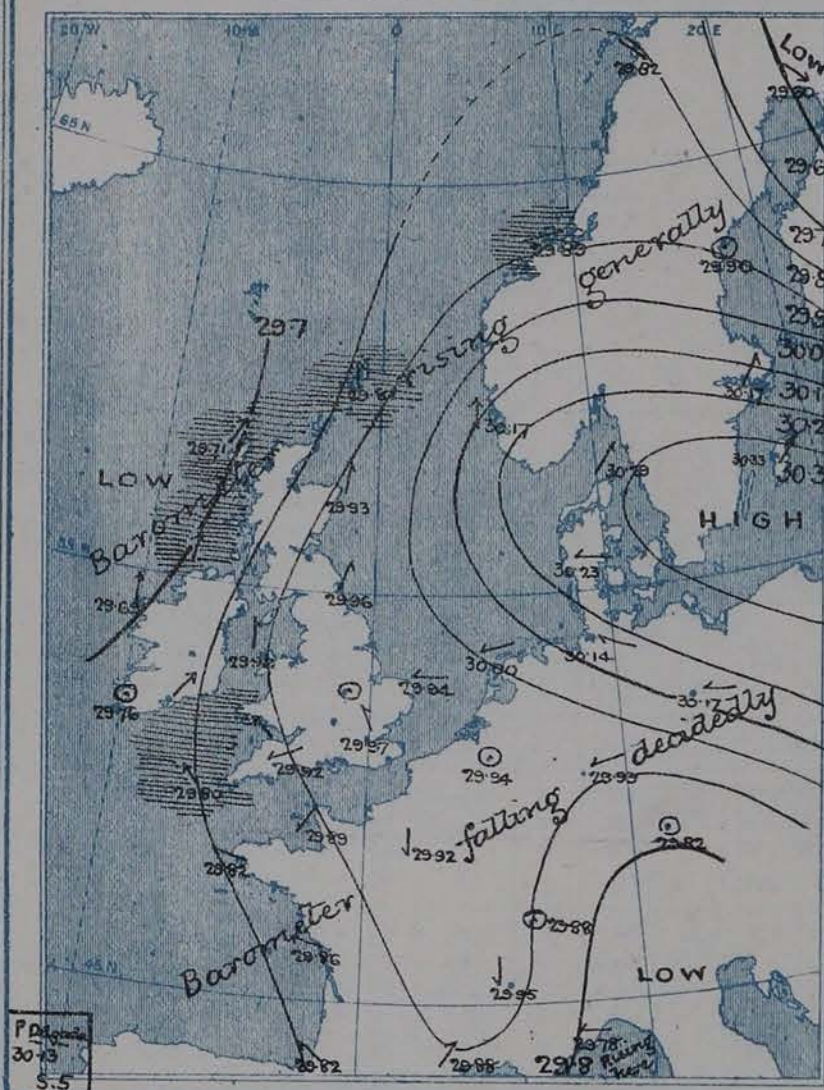
I. BAROMETER, WIND AND SEA. *This Morning.*

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 :

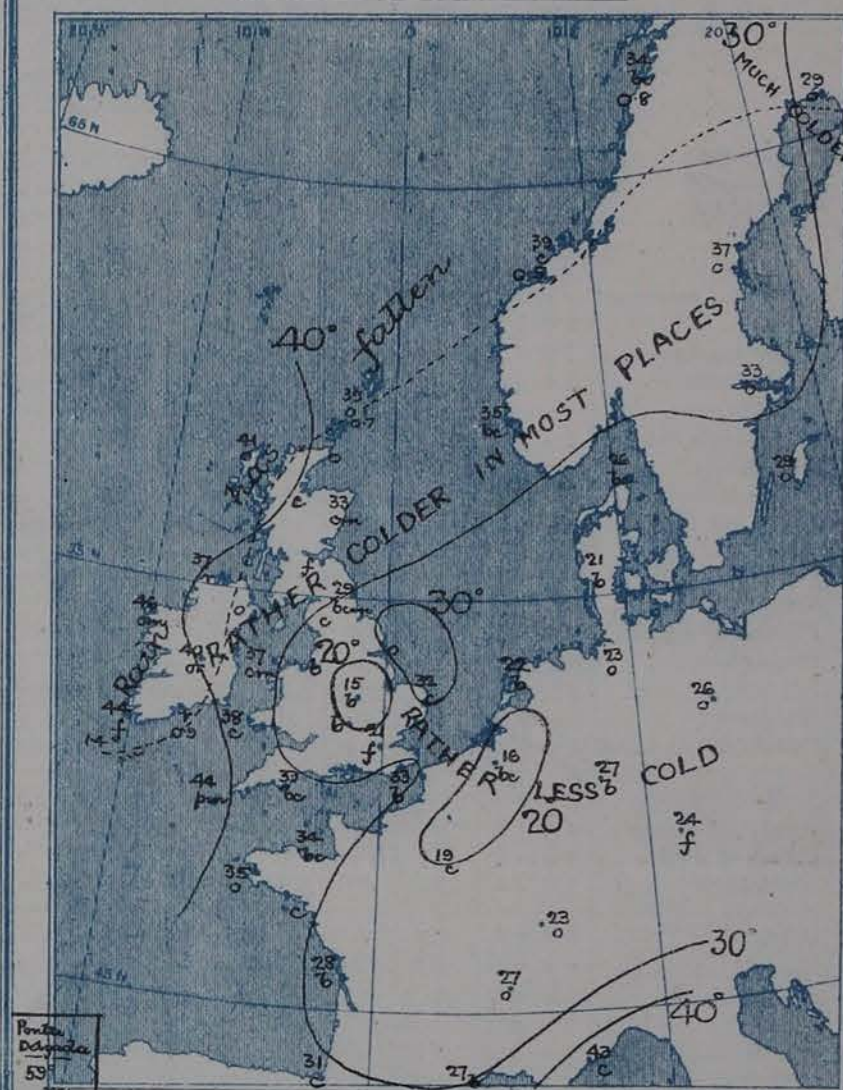


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

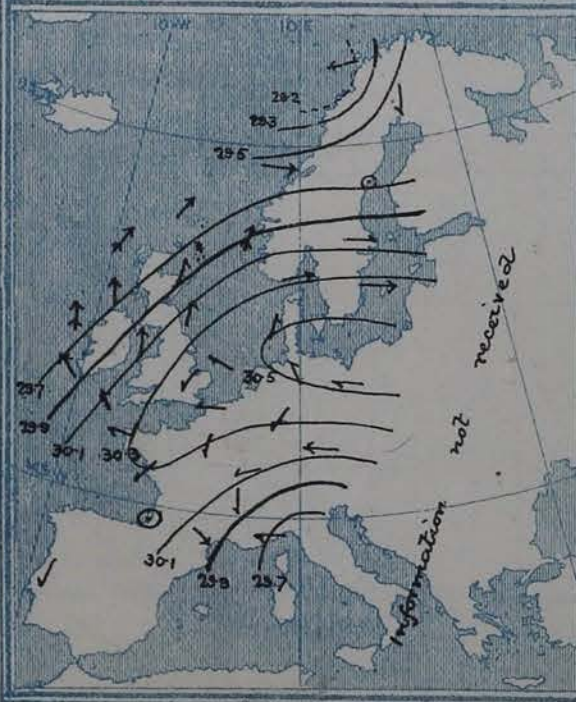
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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 FEBRUARY (1871-1900)

Specimen (for Shields) { RAINFALL 1.50
RAIN DAYS 14

Malin Head & Blacksod Bay Mulllet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is still highest, 30.2 ins. to 30.3 ins. and upward, over North Germany, Denmark, the south of Sweden and the Baltic. The lowest readings are shown over Lapland where the barometer is below 29.6 ins. but the values are nearly as low (29.7 ins. and less) off our extreme northwestern coasts and no higher than 29.8 ins. over the southeast of our area. Gradients are moderate to slight. The barometer is rising over the greater part of our area, but falling briskly over the Bay of Biscay and the west of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind continues light or moderate from the E^{ly} over Germany, the Netherlands, France, and the more southern districts of England, but draws into SE and blows freshly on our extreme southwestern and western coasts, and into SW and W over Scandinavia. Under the influence of the S^{ly} and SW^{ly} current the temperature in the west and north is relatively high, but elsewhere it remains much below the normal. The readings over our islands range from 46° at Blackhead Pt. and 46° at Valencia and Scilly, and about 40° in the north of Scotland, to 25° at Liverpool, 21° in London, 20° at Oxford, and 15° at Loughborough. Over Scandinavia the values vary from 39° at Christiansund to 29° at Haparanda and Hiseby, while over the more southern parts of our continental area they range from 31° at Biarritz to 24° at Munich, 19° at Paris, and 16° at Brussels. At Nice the thermometer stands at 43°. The weather is cloudy or dull in most places, but fine in many parts of England. Rain is falling at some Irish stations and showers at Scilly, and fog prevails at Leith and in London. The sea is rough in the extreme north and northwest, and rather so in the southwest, moderate to smooth elsewhere.

Maximum temperatures of 46° or 48° were recorded yesterday on our extreme SW^{ly} and W^{ly} coasts, but at Liverpool and on our S^{ly} and SE^{ly} coasts the thermometer did not rise above 34° or 35°. Severe frost was again experienced during the night over England and inland stations the temperature fell to between 10° and 19°. Heavy rain has fallen in Ireland and the Shetlands - as much as 1.4 ins. at Valencia and 0.7 at Sumburgh Hd. Bright sunshine was almost continuous in the S. and SE, but in the N. and W. there was very little or none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The decrease of pressure over the Bay of Biscay will probably cause the E^{ly} wind to freshen considerably on our southwestern and southern coasts. There are at present no indications of the approach of any other disturbance towards our western or northwestern coasts, so that the S^{ly} wind is likely to decrease in force in those districts.

FORECASTS *

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

DISTRICTS.

FORECASTS.

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

S^{ly} winds, moderate to fresh; cloudy or dull, some cold rain or sleet in places.

SE^{ly} or E^{ly} winds; cold, fair.

E^{ly} winds, increasing in force; cold, fine today, less settled tomorrow.

DISTRICTS.

FORECASTS.

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

Same as No^s 0 and 1.

S^{ly} and SE^{ly} winds, moderate; cloudy, some cold rain or sleet locally.

SE^{ly} to E^{ly} winds, fresh or strong; cold, some sleet or snow.


Same as No^s 0 and 1.


Wind mainly between S. and SE; unsettled some rain or sleet.

WARNINGS

At 10.20 am. today to districts 0, 1, 6, 7, and 9 "LOWER CONE".

The SOUTH CONE is still up in districts 2, 8, 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 (), 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	*	*	*	*	*	*	*	*	*	Sc	*	Sc	35	26	8.9	-
Newton Reigny (Penrith)	30.06	30	S 3	Sc	29.92	27	26		20	c	*	Sc	40	27	3.5	-
Bath	30.10	33	NE 1	m	29.93 - .36	23	23	0	NE 1	Sc	*	m	38	21	5.5	-

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.	36	26	o c 2	6.0	-	Worthing	*	*	*	7.4	*
Birmingham, 9 p.m.	36	21	3	4.8	-	Llandudno	*	*	*	5.7	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	6.6	*
Hastings	*	*	*	8.8	*	Southport, 9 p.m.	34	28	o 3 s	3.5	-
Eastbourne	*	*	*	8.8	*	Manchester, 9 p.m.	*	*	*	*	*
Brighton	*	*	*	7.8	*	Darwen, 7 p.m.	32	24	o 9	1.4	-

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>Information</i>		<i>not rec'd</i>	Ins.	Algiers	<i>Information</i>		<i>not rec'd</i>	Ins.
Madrid					Tunis... ..				
Corsica (I. Sanguinaires) ...					Vienna				
Rome					St. Petersburg... ..				
Florence					15 Feb. -/02	1 p.m.			Measured 7 a.m.
Trieste					Lugano	34	—	S	—
Brindisi... ..					Davos	19	—	S	0.04
Naples					Lucerne	28	—	S	0.35
Palermo					Lausanne	28	—	o	0.39

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 Feb. 1908	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.8	12.7	5.6
Greenwich	7.13	12.14	5.15
Wick	7.44	12.26	5.8
Valencia	7.55	12.55	5.55

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, 18th February, 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° 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 ...	30.36	3	N	2	8	30.47	+0.87	-2	-2	-31	Z	0	8	*	8	29	-9	*	-	
	Hernösand ...	30.36	29	Z	0	0	30.45	+0.55	16	14	-21	Z	0	8	*	0	41	16	*	-	
	Stockholm ...	30.37	28	Z	0	0	30.46	+0.29	15	15	-18	Z	0	f	*	0	36	15	*	-	
	Wisby ...	30.38	27	SW	2	8	30.46	+0.13	22	21	-7	SE	4	f	*	8	37	22	*	-	
	Karlstad ...	30.36	19	Z	0	8	30.49	+0.28	7	6	-23	NE	2	0	*	8	*	*	*	-	
	Færder (X'ania Fjord) ...	30.31	31	WSW	5	8	30.43	+0.22	24	24	-11	ENE	4	m	2	8	35	24	*	-	
	Bodö ...	30.14	29	E	1	8	30.17	+0.35	31	29	-3	E	6	5	2	8	34	25	*	-	
	Christiansund ...	30.11	35	SE	1	8	30.28	+0.39	31	29	-8	ESE	1	8	5	8	41	30	*	-	
	Skudesnaes ...	30.24	37	S	4	8	30.29	+0.12	29	27	-6	Z	0	8	3	8	39	28	*	*	
	BRITISH ISLANDS.	Sumburgh Head ...	29.95	39	S	4	c	30.10	+0.29	39	36	0	S	2	0	5	c	42	37	*	-
Stornoway ...		29.85	41	SW	5	ou	29.99	+0.28	40	38	-1	S	3	8c	3	0, ou	43	38	0.0	-	
Malin Head ...		29.89	41	SW	4	8cm	29.93	+0.23	39	38	+2	SSE	6	8cm	3	c, 8cm	43	36	*	0.03	
Blacksod Pt. ...		29.87	46	SSW	4	8m	29.87	+0.18	41	40	-5	SE	4	8	3	8m	51	41	*	-	
Valencia ...		29.93	49	S	1	8cm	29.86	+0.10	47	45	+3	SE	6	c	6	8cm	53	41	6.2	0.03	
Roche's Point ...		29.94	44	SSE	1	8cm	30.00	+0.21	43	43	-2	S	3	f	4	c, 8cm	50	42	*	0.08	
Parsonstown ...		29.92	44	SE	1	c	29.97	+0.20	40	39	0	SE	3	0	*	c	48	36	0.4	0.01	
Donaghadee ...		29.97	41	SSW	1	c	30.06	+0.21	41	40	+2	SSW	3	fg	3	c	41	39	*	-	
Liverpool Obsy. ...		30.00	32	SE	1	8	30.10	+0.17	22	21	-3	ESE	2	f	?	8c	36	20	*	-	
Holyhead ...		29.99	38	SW	1	c	30.06	+0.16	34	32	-3	SE	1	8c	0	c	42	32	*	-	
GERMANY, &c.	Pembroke (St. Ann's) ...	29.99	39	SE	4	c	30.03	+0.18	37	35	-1	ENE	3	cm	5	c	42	34	0.2	-	
	Scilly (St. Mary's) ...	29.94	45	S	1	0	30.03	+0.23	44	43	0	SSW	1	0	5	0	47	41	0.0	0.04	
	Jersey (St. Aubins) ...	29.95	39	NNE	3	8cm	30.05	+0.16	38	36	+4	NW	1	0m	1	8m, 8c	43	33	6.3	-	
	Portland Bill ...	29.96	38	NNW	2	8cm	30.07	+0.15	32	32	-1	N	2	0m	2	8, 8cm	44	29	*	-	
	Dungeness ...	29.91	34	NE	2	0	30.03	+0.11	36	34	+3	E	1	0	1	c, 0	37	30	*	-	
	Wick ...	29.81	40	SE	3	8	30.05	+0.25	37	36	-2	SE	3	8c	2	8c	42	34	*	-	
	Nairn ...	29.93	36	SW	1	c	30.04	+0.26	29	29	-11	Z	0	8	1	c	44	26	*	-	
	Aberdeen ...	30.02	37	S	2	c	30.12	+0.19	33	32	0	SSW	1	8cm	2	8c, c	39	32	2.7	-	
	Leith ...	29.96	33	Z	0	c	30.09	+0.19	24	24	-6	Z	0	8m	*	c	39	19	*	-	
	North Shields ...	30.03	34	SSW	1	0m	30.12	+0.16	33	32	+4	Z	0	f	2	m, 0m	35	26	*	-	
FRANCE.	Spurn Head ...	29.96	33	ENE	2	0	30.05	+0.07	36	35	+2	E	3	cmd	4	c	36	33	*	-	
	Yarmouth ...	29.93	33	NE	5	0	30.02	+0.08	35	34	+3	ENE	4	cg	4	0	35	30	*	-	
	Loughborough ...	30.01	33	E	2	8	30.08	+0.08	32	32	+17	NW	1	0, fg	*	8m, 0m, f	26	15	*	-	
	Oxford ...	30.03	30	NE	3	0	30.08	+0.09	32	32	+12	N	2	0, f	*	8, 0	43	20	*	-	
	London (Brixton) ...	29.96	34	NE	1	8m	30.05	+0.08	33	32	+12	NE	1	0	*	8m, 0	39	21	1.0	-	
	The Scaw (Skagen) ...																				
	Fanö ...																				
	Cuxhaven ...	30.12	25	E	4	0	30.14	0	30	29	+7	E	3	am	*	0	30	23	*	-	
	The Helder ...	29.96	30	E	2	0	30.05	+0.05	30	30	+8	E	2	0	1	p	30	22	*	-	
	Brussels ...	*	*	*	*	*	30.05	+0.11	30	29	+14	SSW	1	f	*	0	36	15	*	-	
SPAN. PEN.	Berlin ...	30.12	31	SE	3	0	30.14	-0.03	32	32	+6	SE	3	0	*	0	32	25	*	-	
	Frankfurt ...	29.93	35	SW	2	0	29.99	+0.06	33	33	+6	SW	1	0	*	0	36	27	*	-	
	Munich ...	29.87	26	SW	2	5	29.98	+0.16	22	21	-2	Z	0	f	*	S	28	18	*	0.12	
	C. Gris Nez ...	30.00	34	ENE	1	m	30.07	+0.15	33	32	+10	SE	1	0	1	m	36	23	*	-	
	Brest ...	29.99	40	NNE	1	0	30.10	+0.28	39	37	+4	NNW	1	8	3	0	45	35	*	-	
	Lorient ...	29.99	41	ENE	2	c	30.07	+0.24	37	37	+5	N	1	c	3	c	45	30	*	-	
	Rochefort ...	29.92	37	NNW	3	0	30.07	+0.21	37	36	+9	NNW	3	0	*	0	39	25	*	-	
	Biarritz ...	29.91	37	E	3	7	30.18	+0.36	44	41	+13	S	2	0	3	7	45	31	*	-	
	Paris ...	29.92	29	N	1	0	30.02	+0.10	28	28	+9	NNE	1	0	*	0	30	19	*	-	
	Belfort ...	29.79	28	ENE	3	c	30.02	+0.14	27	26	+4	SW	4	S	*	c	34	23	*	-	
SPAN. PEN.	Lyons ...	29.73	33	?	1	c	30.08	+0.13	31	31	+4	NNW	1	0	*	c	38	27	*	-	
	Nice ...	29.83	42	Z	0	8	29.90	+0.12	39	35	-4	E	1	8	4	8	50	36	*	-	
	Perpignan ...	29.86	36	Z	0	0	30.04	+0.16	41	36	+14	NW	3	0	*	0	44	27	*	-	
	Corunna ...																				
SPAN. PEN.	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 Tuesday 18th February, 1902

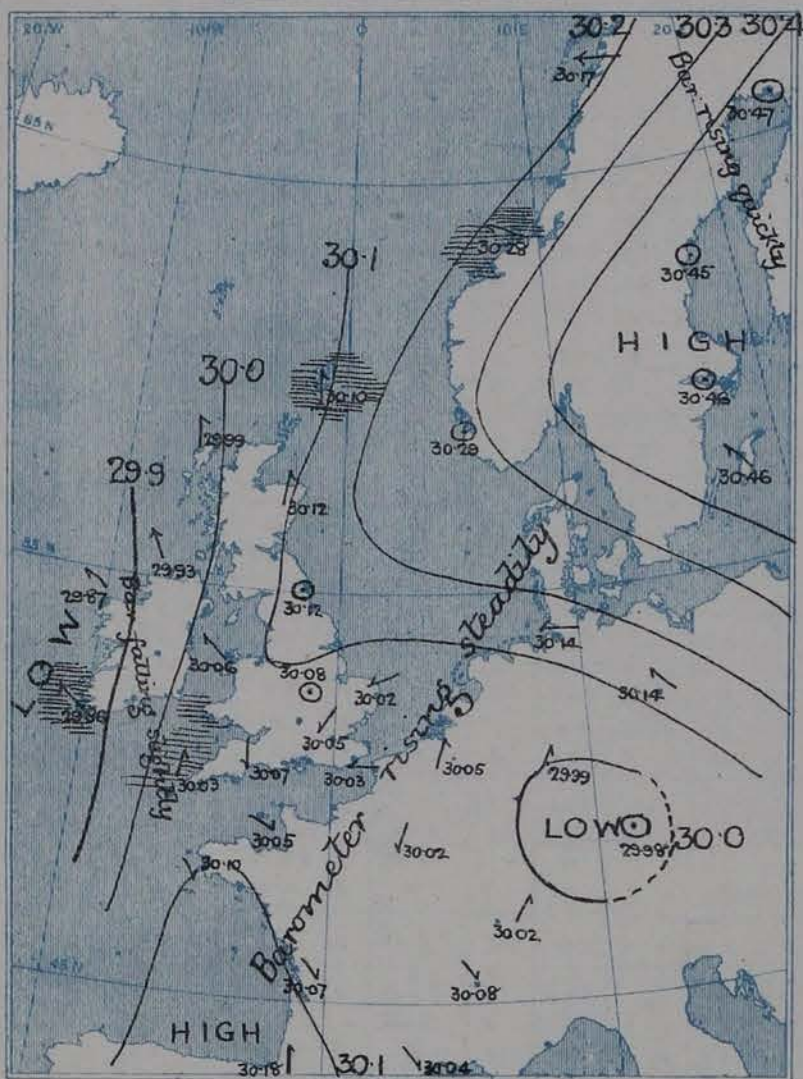
I. BAROMETER, WIND AND SEA. This Morning.

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

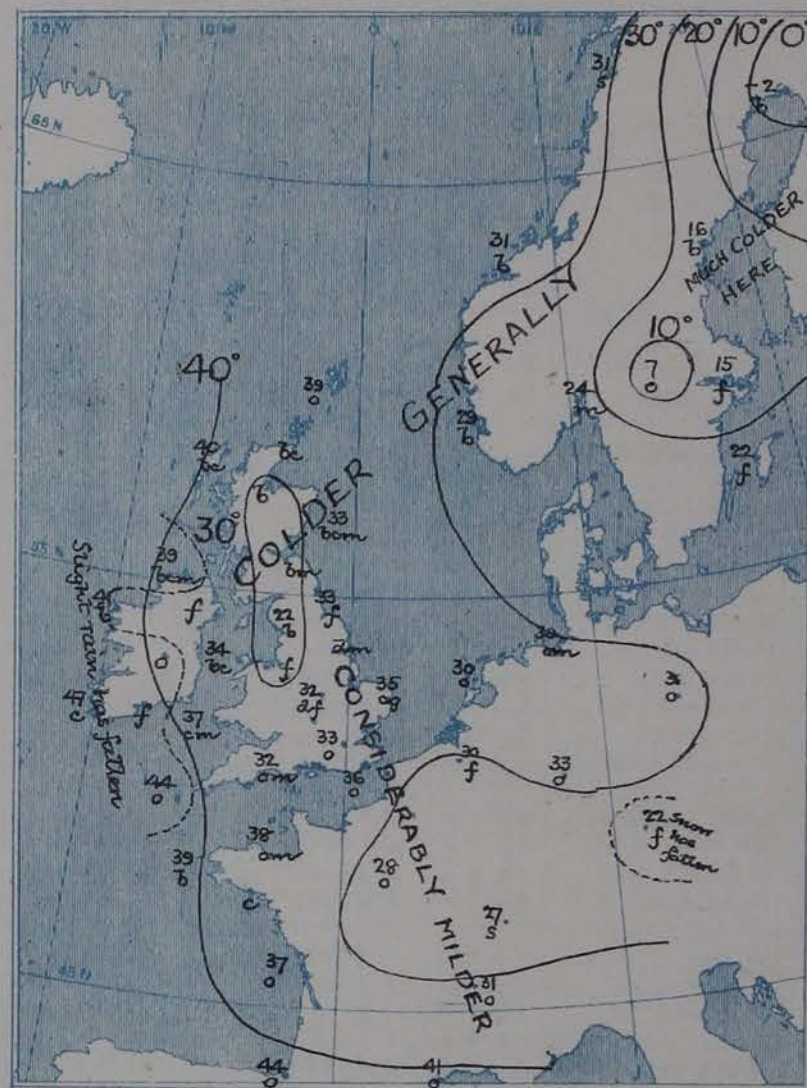


II. TEMPERATURE AND WEATHER. This Morning.

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 FEBRUARY (1871-1900)

Specimen (for Shields) { RAINFALL 1.50
RAIN DAYS 14

Malin Head & Blackpool & Belmullet Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer has now become highest, 30.4 ins and upwards, in an anticyclone that has been formed over Scandinavia, but another area of relatively high pressure, 30.1 ins and upwards, has appeared over the Bay of Biscay and the southwest of France. There are also two low pressure areas - one of 29.9 ins. and less over South Germany, and the other, 29.9 ins. and less, off the west of Ireland. The barometer is falling in the region just named, but rising in all other parts of our area. Gradients are slight.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has shifted to the SE^{ly} in the west of Ireland and is increasing in force, but continues S^{ly} and light in Scotland, and is mainly E^{ly} or NE^{ly} over England. Over the continental parts of our area it is light or moderate from between north and east. Temperature varies greatly in different localities, and is now slightly above the mean over Ireland. Over our Islands it ranges from 47° at Valencia and 46° at Scilly to 32° over central England and to 22° at Liverpool and Newport. The changes since yesterday have been very irregular; at Loughborough there has been a rise of 17° and at Liverpool a fall of 5°. The continental values range from 44° at Biarritz to 28° at Paris, 22° at Munich, 7° at Harstad, and -2° at Haparanda. The sky is clear in some parts of Scotland and Scandinavia, but cloudy or dull generally, with fog over England and in different parts of the Continent and with snow at Belfort and Bodö. The sea is rather rough off the Shetlands and Scilly and rough at Valencia, but moderate to smooth elsewhere.

During yesterday the thermometer registered readings of 50° or a trifle higher in the west and south of Ireland and of 44° in many other parts of the Kingdom, but at Yarmouth, Shields, and Liverpool temperature did not exceed 35° or 36°. Slight rain was experienced at some western stations, but the weather was dry generally and the amount of bright sunshine was again large except in the west and north.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT



The cyclonic disturbance approaching Ireland will probably move or spread eastwards and southeastwards over our Islands during the next twenty four hours and cause snow, sleet, or cold rain in many districts. The wind is likely to increase considerably from the southeastward and eastward over all the more western parts of the Kingdom.

FORECASTS *

For the 24 hours ending at NOON on 19 FEBRUARY, 1902

DISTRICTS.		FORECASTS.	
0	{ SCOTLAND NORTH	{ Wind backing to SE; and increasing somewhat; fair generally. Milder in east and south.	
1	{ SCOTLAND EAST		
2	{ ENGLAND N.E.	E ^{ly} or NE ^{ly} winds, freshening; cloudy or dull, sleet or snow locally, rather milder.	
3	{ ENGLAND EAST	Same as No. 5.	
4	{ MIDLAND COUNTIES	Same as No. 2.	
5	{ ENGLAND SOUTH	NE ^{ly} to E ^{ly} or SE ^{ly} winds, freshening; dull with mist or fog in places today, some sleet or rain tomorrow. Temperature rising.	

DISTRICTS.		FORECASTS.	
6	{ SCOTLAND WEST	Same as No. 2.	
7	{ ENGLAND N.W.	E ^{ly} or NE ^{ly} winds, freshening; milder, some sleet or snow.	
8	{ ENGLAND S.W.	SE ^{ly} winds, increasing in force; dull, some rain.	
9	{ IRELAND NORTH	{ SE ^{ly} to E ^{ly} winds, fresh or strong in places; unsettled, some rain.	
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	*	*	*	*	*	*	*	*	*	*	m	*	3, 0	35	29	4.7	-
Newton Reigny (Penrith)	29.99	25	Z 0	3	30.09	+ .17	22	20	- 5	Z 0	3	*	3	48	20	7.0	-
Bath	29.95	29	NE 1	m	30.04	+ .11	31	30	+ 8	E 1	0	*	m	41	23	6.3	-

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.	35	17	3	7.5	-	Worthing	*	*	*	8.3	*
Birmingham, 9 p.m.	38	21	3	0.0	-	Llandudno	*	*	*	5.8	*
Lowestoft, 6 p.m.	34	28	0	0.0	-	Rhyl	*	*	*	6.7	*
Hastings	*	*	*	6.8	*	Southport, 9 p.m.	40	24	c, 3, 0	6.2	-
Eastbourne	*	*	*	8.1	*	Manchester, 9 p.m.	*	*	*	*	*
Brighton	*	*	*	7.3	*	Darwen, 9 p.m.	37	19	c m	2.5	-

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	52	c	c	Algiers	54	43	0	c
Madrid	53	36	0	0	Tunis	50	36	c	0
Corsica (I. Sanguinaires)	54	37	m	3	Vienna	32	23	s	0
Rome	48	37	0	6	St. Petersburg	34	9	0	0
Florence	50	35	7	6	16. Feb. /02	1 p.m.	Reports not recd.		
Trieste	52	41	0	0	Lugano				Measured 7 a.m.
Brindisi	64	47	0	6	Davos				
Naples	54	42	0	c	Lucerne				
Palermo	67	37	0	0	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.

18 Feb., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 7. 6	h. m. 12. 7	h. m. 5. 8
Greenwich	7. 11	12. 14	5. 17
Wick	7. 41	12. 26	5. 11
Valencia	7. 53	12. 55	5. 57

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 Wednesday, 19th February, 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° 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.		
SCANDINAVIA.	Haparanda ...	30.49	12	Z	0	0	30.56	+0.09	15	14	+17	S	2	0	0	15	-4	*	0.12		
	Hernösand ...	30.03	27	Z	0	0	30.51	+0.08	24	23	+8	N	2	0	0	32	16	*	-		
	Stockholm ...	30.48	23	S	2	0	30.50	+0.04	9	9	-6	NNW	2	f	0	34	9	*	-		
	Wisby ...	30.45	27	E	2	0	30.42	-0.04	27	26	+5	NE	2	bc	0	37	16	*	-		
	Karlstad ...	30.45	19	N	2	0	30.45	-0.04	21	19	+14	N	2	bc	0	*	*	-			
	Färder (X'ania Fjord) ...	30.42	28	N	4	0	30.43	0	26	24	+2	N	5	0	2	28	23	*	-		
	Bodö ...	30.32	39	S	2	7	30.39	+0.22	37	36	+6	ESE	2	c	2	39	28	*	0.32		
	Christiansund ...	30.38	31	ESE	1	0	30.35	+0.07	28	26	-3	ESE	1	0	5	37	25	*	-		
	Skudesnaes ...	30.32	31	E	2	0	30.33	+0.04	33	32	+4	Z	0	0	2	39	29	*	-		
	Sumburgh Head ...	30.11	40	SSE	3	0	30.11	+0.01	40	39	+1	SSE	4	0	6	40	38	*	-		
BRITISH ISLANDS.	Stornoway ...	29.95	41	SSE	2	0	29.95	-0.04	32	32	-8	Z	0	c	0	48	31	7.1	-		
	Malin Head ...	29.90	40	ESE	4	m	29.87	-0.06	38	37	-1	S	6	gm	4	cm	43	36	*	0.01	
	Blacksod Pt. ...	29.73	45	SE	5	c	29.76	-0.11	45	44	+4	SE	4	c	4	46	41	*	0.01		
	Valencia ...	29.70	49	SE	6	rg	29.76	-0.10	48	46	+1	SSE	2	om	3	0,rg	51	46	1.6	0.18	
	Roche's Point ...	29.85	46	SSE	5	om	29.87	-0.13	46	45	+3	SSE	6	p	5	c,om	47	42	*	0.22	
	Parsonstown ...	29.86	43	SE	4	0	29.86	-0.11	41	40	+1	SE	6	og	0	47	39	0.8	-		
	Donaghadee ...	29.99	41	SSE	3	cg	29.98	-0.08	40	38	-1	SSE	3	og	3	cg	41	37	*	-	
	Liverpool Obsy. ...	30.04	32	ESE	2	0	30.05	-0.05	34	33	+12	ESE	2	0	0	om	34	22	*	-	
	Holyhead ...	29.98	39	SSW	1	bc	30.00	-0.06	36	35	+2	SE	1	0	1	f,bc	42	32	*	-	
	Pembroke (St. Ann's) ...	29.97	39	SE	5	m	29.93	-0.10	38	37	+1	ESE	6	cg,m	5	c	42	36	3.8	-	
GERMANY, &c.	Scilly (St. Mary's) ...	29.89	49	SSE	4	c	29.84	-0.19	47	45	+3	SE	5	0	5	c	50	43	2.6	-	
	Jersey (St. Aubins) ...	30.03	38	NNE	3	0	29.98	-0.07	37	35	-1	ENE	2	om	2	0,om	40	35	0.0	-	
	Portland Bill ...	30.04	35	ENE	2	og,m	30.00	-0.07	37	36	+5	E	4	og	2	om,og,m	37	32	*	-	
	Dungeness ...	30.01	38	SSE	1	0	30.09	+0.06	36	33	-2	SSE	3	c	2	0	38	32	*	-	
	Wick ...	30.01	40	SE	5	0	30.04	-0.01	41	40	+4	S	5	0	4	c	41	36	*	-	
	Nairn ...	30.00	36	Z	0	c	29.99	-0.05	35	34	+6	SSE	1	c	1	c	41	26	*	-	
	Aberdeen ...	30.09	37	S	1	orm	30.09	-0.03	38	38	+5	SSE	2	org,m	3	0,rm	40	33	0.0	0.05	
	Leith ...	30.04	36	E	2	m	30.06	-0.03	36	35	+12	E	1	om	*	m	41	24	*	-	
	North Shields ...	30.07	37	E	1	odp	30.03	-0.09	37	36	+4	S	2	m	2	fd,0	38	31	*	0.01	
	Spurn Head ...	30.08	35	ESE	2	0	30.09	+0.04	36	35	0	SE	2	f	3	0	36	34	*	-	
FRANCE.	Yarmouth ...	30.04	37	ENE	4	c	30.09	+0.07	36	35	+1	S	2	f	4	0,c	38	34	*	-	
	Loughborough ...	30.08	35	ESE	1	0	30.09	+0.01	34	34	+2	ESE	2	ogfd	*	fg,d,m	36	32	*	0.02	
	Oxford ...	30.09	34	E	2	0	30.10	+0.02	34	32	+2	SE	1	0	0	0	36	32	*	0.01	
	London (Brixton) ...	30.08	36	NNE	1	om	30.09	+0.04	34	32	+1	SE	1	0	*	gf,od	37	33	0.0	0.01	
	The Scaw (Skagen) ...	30.37	30	NE	1	m	30.36	0	29	28	-5	E	2	c	0	m	32	28	*	-	
	Fanö ...	30.26	31	E	4	0	30.26	+0.04	31	31	+1	E	2	0	0	0	34	30	*	-	
	Cuxhaven ...	30.20	33	SE	2	0	30.22	+0.08	31	31	+1	E	2	om	*	om	34	25	*	-	
	The Helder ...	30.07	33	E	1	m	30.15	+0.10	33	33	+3	E	1	m	1	m	34	30	*	-	
	Brussels ...	*	*	*	*	*	30.14	+0.09	32	32	+2	Z	0	f	*	f	34	29	*	-	
	Berlin ...	30.17	33	SE	2	0	30.17	+0.03	33	32	+1	NE	2	0	0	0	34	32	*	-	
SPAN. PEN.	Frankfurt ...	30.11	35	W	2	0	30.11	+0.12	35	33	+2	NE	2	0	0	0	36	33	*	-	
	Munich ...	30.03	31	Z	0	S	30.03	+0.05	31	31	+9	SW	3	0	*	S	36	21	*	0.08	
	C. Gris Nez ...	30.07	29	SE	1	m	30.07	0	28	28	-5	SE	1	m	0	m	37	27	*	-	
	Brest ...	29.99	46	SE	1	bc	29.90	-0.20	40	39	+1	ESE	3	c	3	bc	50	39	*	-	
	Lorient ...	29.99	46	WNW	1	c	29.93	-0.14	37	37	0	E	2	m	5	c	52	36	*	-	
	Rochefort ...	30.04	43	WNW	3	bc	29.98	-0.09	33	32	-4	ESE	3	c	*	bc	50	30	*	-	
	Biarritz ...	30.12	50	Z	0	c	29.92	-0.26	41	39	-3	E	3	c	*	4	54	37	*	-	
	Paris ...	30.08	32	SE	2	0	30.09	+0.07	32	32	+4	E	1	0	*	0	33	28	*	-	
	Belfort ...	30.05	31	WSW	2	0	30.06	+0.04	28	28	+1	ENE	2	m	*	0	40	27	*	0.04	
	Lyons ...	30.12	33	N	1	0	30.08	0	32	31	+1	NNW	1	0	*	0	35	31	*	-	
SPAN. PEN.	Nice ...	29.88	44	W	1	0	29.91	+0.01	41	35	+2	E	1	c	2	0	54	37	*	-	
	Perpignan ...	30.02	47	NW	3	0	29.97	-0.07	34	32	-7	W	1	0	*	0	48	32	*	-	
SPAN. PEN.	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Lisbon ...	30.01	54	S	3	7	29.91	-0.33	49	46	-1	NNW	4	bc	*	7	57	48	*	0.47	
SPAN. PEN.	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, 19th February, 1902

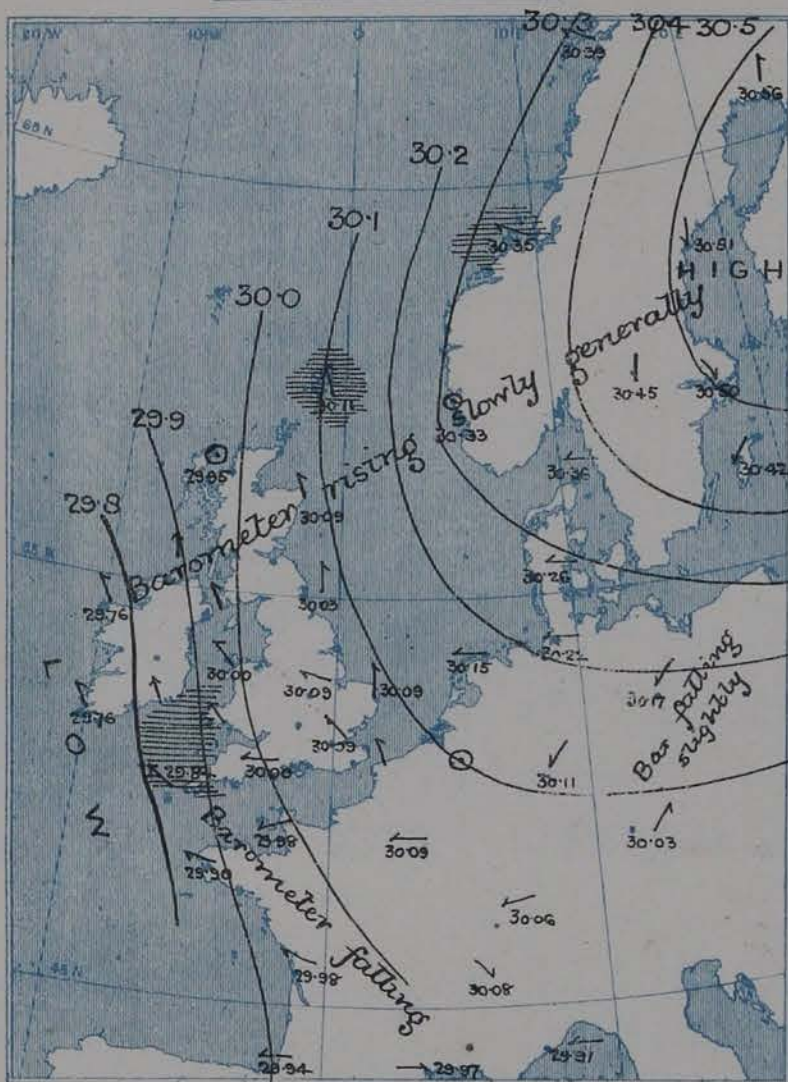
I BAROMETER, WIND AND SEA. This Morning.

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 →

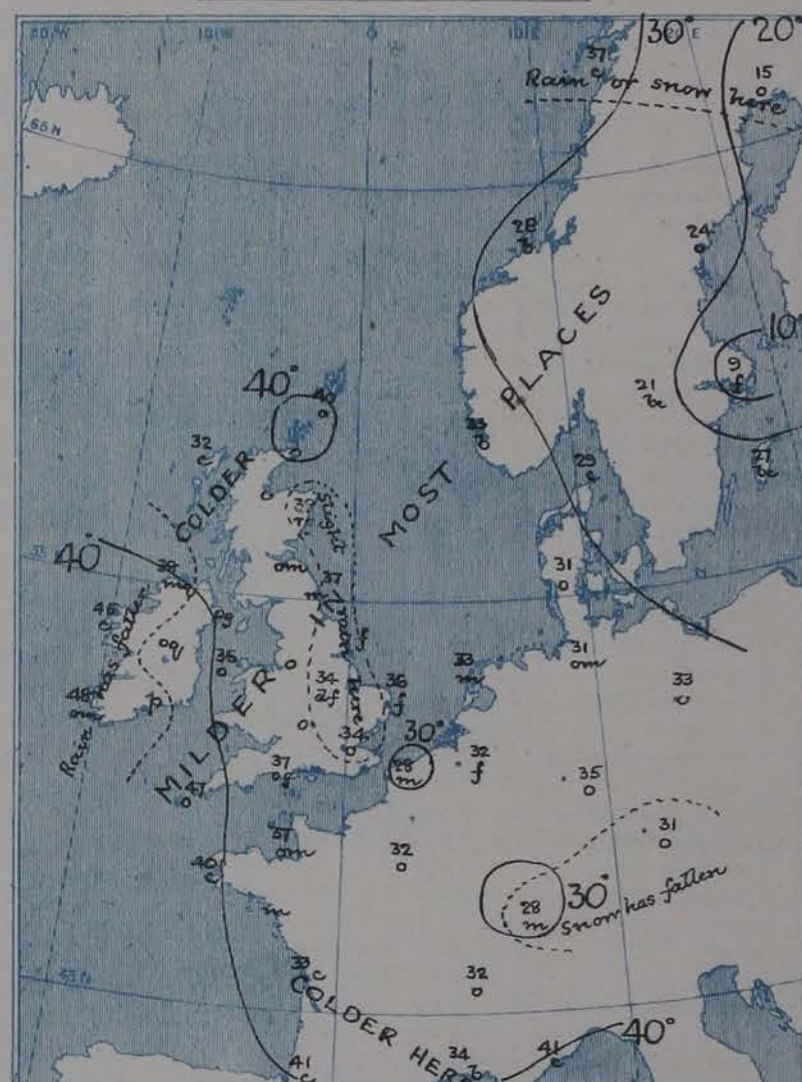


II TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

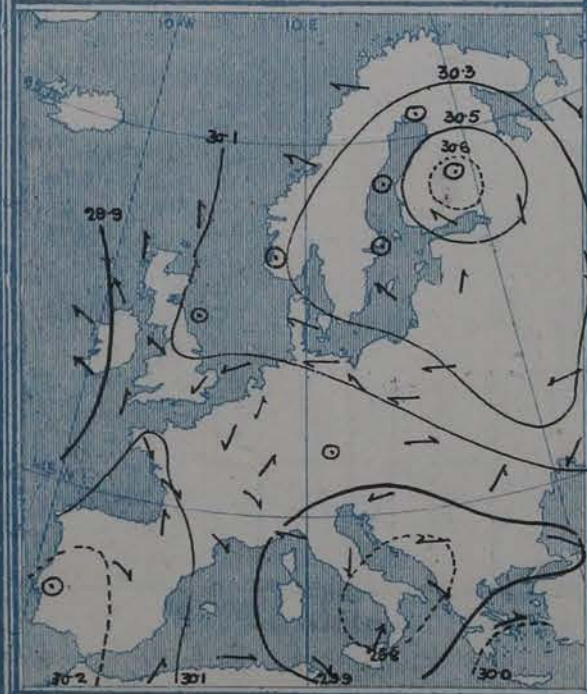
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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 FEBRUARY (1871-1900)

Specimen (for Shields) { RAINFALL 1.50
RAIN DAYS 14

Malin Head & Blacksod & Belmullet Values are for only 156



V Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

FEBRUARY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer continues highest, 30.4 ins. to 30.5 ins. and upwards, over Sweden, the Gulf of Bothnia, and Finland, and lowest, 29.8 ins. and less, over the west of Ireland and to the southward of that country. Gradients are moderate to slight. The barometer is rising over the major portion of our area, but falling at Scilly and in the west and south of France, as well as at Munich and Berlin.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light or moderate breezes from between S. and S.E. prevail in most parts of the United Kingdom, but in the southwest of England and Ireland, the S.E. wind blows freshly or strongly. At the German and French stations light breezes from N.E. or E. are reported, while over Scandinavia the wind is light and variable. Temperature has risen a little in almost all parts of western Europe and is now (except at Storöway) above the freezing point throughout our Islands. At Valentia the reading is as high as 48° and that at Scilly is 47°, whence the values decrease to 40° in the Shetlands, 38° at Malin Head and Aberdeen, to 34° over central and southeastern England and to 32° in the Hebrides. Over our continental area the readings range from 41° at Biarritz and Nice to 28° at Cape Gris Nez, 15° at Haparanda and to 9° at Stockholm. The sky is clear or nearly so at some Scandinavian stations and at Perpignan, but very cloudy or overcast over all other regions; fog still prevails in some parts of England; showers are falling in the south of Ireland, and steady rain at Aberdeen. The sea is rather rough in the extreme southwest and at Sumburgh Head, moderate to smooth elsewhere.

Slight rain fell yesterday at some stations in central England and rather larger amounts in some northern and western localities. Rain or snow also occurred in the extreme north of Scandinavia and at Munich and Belfort. Maximum temperatures of 40° or above were recorded in most parts of our Islands. No sunshine was registered in the south and southeast but some W. stations had about 1 hr.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance off our southwestern coasts seems to be moving southeastwards towards the Bay of Biscay. S.E. to E. winds are consequently likely to prevail in most districts and may be expected to blow freshly or strongly on some parts of our southwestern coasts. There are no indications of any great change of temperature.

FORECASTS *

For the 24 hours ending at NOON on 20 FEBRUARY, 1902

DISTRICTS.

FORECASTS.

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

S.W. and S.E. winds, light or moderate, cloudy or dull, some mist or slight rain in places.

S.E. or E. winds, light or moderate, cloudy or dull, misty in places.

Temperature changing but little.

DISTRICTS.

FORECASTS.

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

S.E. or E. winds, moderate, cloudy or dull, some mist.

S.E. and E. winds, fresh or strong; cloudy or dull, some rain later.

Moderate or fresh winds, between S. and S.E.

rather mild, dull generally, some rain in places.

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	"	"	"	"	"	"	"	"	"	"	0	"	0	38	29	0.0	—
Newton Reigny (Penrith)	30.03	35	SE 1	0	30.05	- 0.04	35	35	+ 13	20	0	"	09m	36	22	0.0	—
Bath	30.04	36	NE 1	0	30.06	+ 0.02	34	32	+ 3	NW 1	0	"	0	36	31	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.	34	26	0m	0.0	0.02	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	34	28	0	0.0	—	Llandudno	*	*	*	6.5	*
Lowestoft, 6 p.m.	38	33	0	0.0	—	Rhyl	*	*	*	6.8	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	34	20	0	0.0	—
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	*	*	*	*	*
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	34	21	0m	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	34	0	0	Algiers	61	48	0	0
Madrid	57	36	b	b	Tunis	63	?	c	0
Corsica (I. Sanguinaires)	50	39	m	m	Vienna	37	34	r	r
Rome	51	36	b	b	St. Petersburg	34	5	0	b
Florence	52	36	b	b	17 th Feb. 1902.		1 p.m.		Measured 7 a.m.
Trieste	46	39	c	0	Lugano	43	—	0	0.43
Brindisi	52	36	r	c	Davos	43	—	0	—
Naples	53	39	c	0	Lucerne	30	—	c	—
Palermo	67	45	T	T	Lausanne	32	—	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.

19 Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	h. m.	h. m.	h. m.
Yarmouth	7.4	12.7	5.10
Greenwich	7.9	12.14	5.19
Wick	7.38	12.26	5.14
Valencia	7.51	12.55	5.59

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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, 20th February, 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					Temp.				
	At 32° and M.S.L.	Dry Bulb.	Dirac.	(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.	Sun- shine.	Rainfall.	
	Inch.						Inch.	Inch.	°	°							Hours			Inch.	
SCANDINAVIA.	Haparanda ...	30.46	20	SW	4	o	30.61	+0.05	16	15	+1	SW	4	bc	o	21	-2	*	-		
	Hernösand ...	30.51	26	Z	p	f	30.59	+0.08	19	18	-5	Z	0	o	f	28	19	*	-		
	Stockholm ...	30.56	24	E	2	o	30.56	+0.06	21	20	+12	SSW	2	o	o	25	9	*	-		
	Wisby ...	30.49	29	E	4	bc	30.52	+1.10	24	23	-3	E	2	f	bc	37	21	*	-		
	Karlstad ...	30.54	29	E	2	3	30.57	+1.12	16	15	-5	NNE	2	o	o	*	*	*	-		
	Færder (X'ania Fjord) ...	30.47	32	N	4	o	30.51	+0.08	23	22	-3	E	3	bc	2	o	32	23	*	-	
	Bodö ...	30.35	33	Z	0	o	30.66	+1.27	33	32	-4	E	3	s	2	z	39	28	*	-	
	Christiansund ...	30.34	33	ESE	1	bc	30.39	+0.04	33	31	+5	ESE	2	c	4	bc	36	27	*	-	
	Skudesnaes ...	30.36	32	Z	0	c	30.39	+0.06	30	29	-3	Z	0	z	2	c	39	30	*	-	
BRITISH ISLANDS.	Sumburgh Head ...	30.14	40	SSE	4	o	30.17	+0.06	40	40	0	SSE	3	o	6	r.o	40	39	*	0.03	
	Stornoway ...	30.01	40	WSW	2	om	30.10	+1.15	40	39	+8	SSW	2	o	2	o,om	43	30	*	0.5	
	Malin Head ...	29.96	39	S	6	cm	30.07	+1.20	35	35	-3	SE	4	bc,m	2	m,cm	43	33	*	-	
	Blacksod Pt. ...	29.90	46	SE	4	cm	30.04	+1.28	42	41	-3	SE	3	om	3	c,cm	48	41	*	-	
	Valencia ...	29.92	48	S	1	cm	30.05	+1.29	44	42	-4	ENE	1	og	4	bc,cm	54	42	*	0.02	
	Roche's Point ...	29.97	43	SE	5	od,m	30.09	+1.22	43	41	-3	SE	4	bc	4	r,d,m	46	41	*	0.08	
	Parsonstown ...	29.97	41	SE	3	o	30.09	+1.23	38	36	-3	SE	1	o	*	o	44	34	*	0.0	
	Donaghadee ...	30.04	41	SSE	3	og,m	30.13	+1.15	38	37	-2	S	3	og	3	og,m	41	35	*	-	
	Liverpool Obsy. ...	30.12	33	SE	1	o	30.17	+1.12	33	32	-1	SE	1	o	3	om	36	32	*	-	
	Holyhead ...	30.05	37	S	1	of	30.15	+1.15	35	34	-1	SE	1	om	1	o,f	39	34	*	-	
	Pembroke (St. Ann's) ...	29.98	37	ESE	5	o	30.08	+1.15	36	34	-2	ESE	4	og,m	5	o	39	34	*	0.0	
	Scilly (St. Mary's) ...	29.88	46	ESE	6	o	30.00	+1.16	44	41	-3	E	4	o	6	o	47	40	*	0.0	
	Jersey (St. Aubins) ...	29.98	40	E	3	bc,m	30.05	+1.07	39	38	+2	ENE	3	of	3	om	42	35	*	1.1	
	Portland Bill ...	30.01	38	ESE	3	om	30.08	+1.08	36	36	-1	NE	3	om	2	om	39	35	*	-	
	Dungeness ...	30.07	37	SE	3	o	30.07	+1.02	33	33	-1	SE	3	o	3	c,o	40	33	*	-	
	Wick ...	30.09	40	SSE	4	bc	30.14	+1.10	40	39	-1	SE	3	c	3	bc	42	39	*	-	
	Nairn ...	30.07	39	Z	0	c	30.12	+1.13	32	31	-3	Z	0	bc	0	c	46	30	*	-	
GERMANY, &c.	Aberdeen ...	30.15	39	SSE	2	og	30.20	+1.11	38	37	0	S	2	og,m	3	og,m	40	37	*	0.01	
	Leith ...	30.08	39	E	1	o	30.17	+1.11	36	35	0	SE	1	o	*	c	40	35	*	-	
	North Shields ...	30.14	39	SE	1	om	30.20	+1.17	37	36	0	NNE	1	f	2	om,f,m	39	35	*	-	
	Spurn Head ...	30.14	36	SE	3	m	30.18	+1.09	36	35	0	E	3	od	3	m	36	35	*	0.01	
	Yarmouth ...	30.10	38	ENE	4	bc,f	30.13	+1.04	35	34	-1	E	4	cg	4	bc,f	38	32	*	-	
	Loughborough ...	30.13	33	ESE	1	o	30.17	+1.08	34	34	0	NE	2	og,f,d	*	f,om,f,d	36	33	*	0.01	
	Oxford ...	30.13	33	ESE	2	o	30.14	+1.04	34	34	0	NE	3	od	*	o	35	33	*	-	
	London (Brixton) ...	30.11	34	SE	2	om	30.11	+1.02	34	34	0	ENE	3	og,f,d	*	om	37	33	*	0.0	
FRANCE.	The Scaw (Skagen) ...	30.41	32	E	3	bc	30.47	+1.11	30	29	+1	ESE	1	o	0	bc	34	28	*	-	
	Fanö ...	30.31	32	E	2	o	30.36	+1.10	30	30	-1	E	2	c	*	o	34	30	*	-	
	Cuxhaven ...	30.23	32	E	1	o	30.30	+1.08	32	31	+1	SE	3	o	*	o	34	30	*	-	
	The Helder ...	30.16	32	ENE	1	f	30.18	+1.03	32	32	-1	ESE	1	m	1	f	33	30	*	-	
	Brussels ...	*	*	*	*	*	30.13	+1.01	33	33	+1	NNE	1	o	*	r	36	30	*	-	
	Berlin ...	30.23	33	ESE	2	o	30.33	+1.16	33	32	0	E	3	o	*	o	36	32	*	-	
	Frankfurt ...	30.10	34	NE	2	o	30.16	+1.05	38	36	+3	ENE	2	o	*	o	38	34	*	-	
	Munich ...	30.03	32	SE	4	o	30.10	+1.07	31	31	0	E	4	o	*	o	36	30	*	0.04	
SPAN. PEN.	C. Gris Nez ...	30.06	36	SE	2	m	30.08	+1.01	30	30	+2	E	3	f	3	m	37	28	*	-	
	Brest ...	29.91	45	SE	2	o	29.94	+1.04	36	34	-4	ENE	3	m	4	o	50	34	*	-	
	Lorient ...	29.90	40	E	4	m	29.97	+1.07	35	34	-2	ENE	3	m	5	m	43	34	*	-	
	Rochefort ...	29.86	40	ENE	3	c	29.86	+1.12	34	33	+1	E	3	bc	*	c	48	30	*	-	
	Biarritz ...	29.78	50	E	3	o	29.81	+1.11	42	40	+1	S	1	c	4	o	52	41	*	-	
	Paris ...	30.03	34	NE	2	bc	30.02	+1.07	34	34	+2	NE	1	o	*	bc	41	32	*	-	
	Belfort ...	29.98	33	ENE	3	m	30.06	+1.08	31	30	+3	ENE	3	m	*	m	38	28	*	-	
	Lyons ...	30.00	36	NNE	1	bc	30.04	+1.04	32	32	0	WNW	1	c	*	bc	40	30	*	-	
SPAN. PEN.	Nice ...	29.93	44	E	1	bc	30.00	+1.09	43	38	+2	E	2	bc	3	bc	54	39	*	-	
	Perpignan ...	29.88	48	SE	3	o	29.85	+1.12	48	46	+14	SE	2	o	*	o	53	34	*	-	
SPAN. PEN.	Corunna ...																				
	Lisbon ...																				
	Azores (P. Delgada) ...																				

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.

WEATHER CHARTS

FOR Thursday, 20th February, 1902

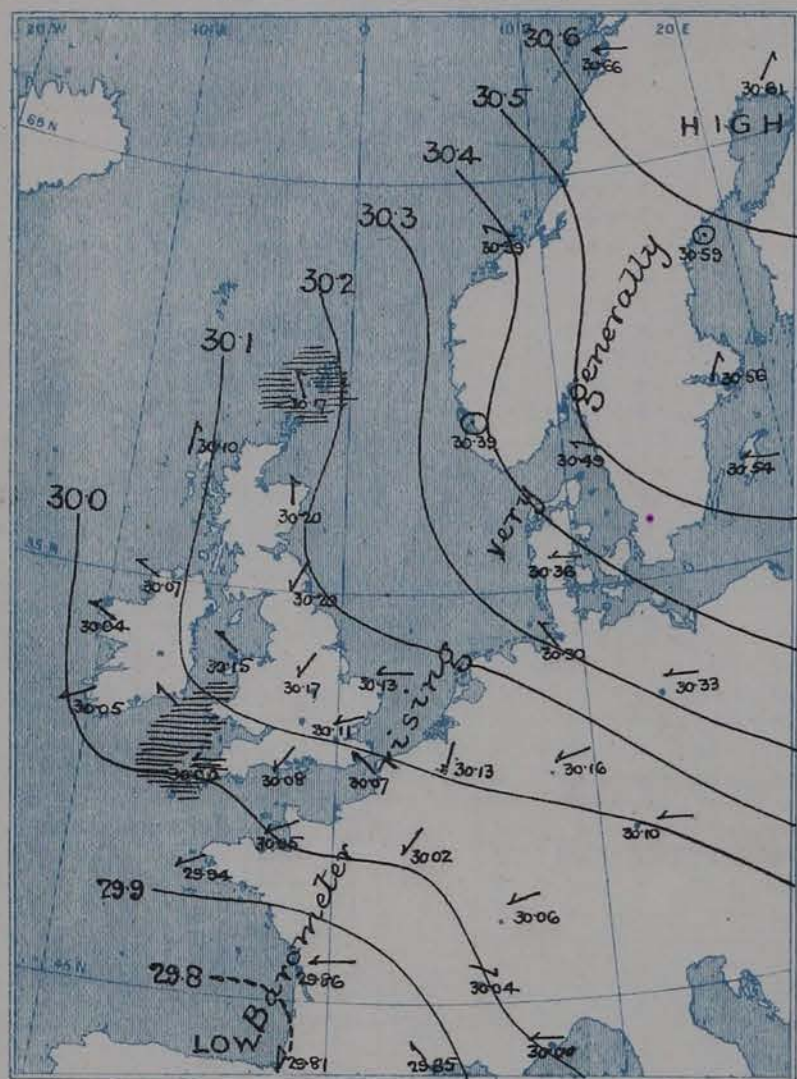
I. BAROMETER, WIND AND SEA. This Morning.

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 FEBRUARY (1871-1900)

Specimen { RAINFALL 1.50
(for Shields) { RAIN DAYS 14

Malin Head & Blacksod & Belmullet Values are for only 15 hrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

FEBRUARY (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer continues highest, 30.4 ins. to 30.6 ins., in an anticyclone lying over Scandinavia, while it is now lowest, 29.9 ins. and less in a shallow cyclonic disturbance situated over the Bay of Biscay and the west of France. The gradients are moderate to very slight and pressure is increasing slowly in almost all parts of our area.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light or moderate winds between N.E. and E. prevail in most regions, but draw into S.E. over Ireland, and into S. at some Scotch stations. A light S.W. breeze is also blowing at Biarritz. Temperature continues a few degrees above the freezing point at nearly all stations in England, and several degrees above it in Ireland and the extreme northern coasts of Scotland. The readings over our Islands, France, and Germany are very uniform, ranging from 43° at Perpignan, 44° at Valencia (Ireland), 40° at Wick, and 38° at Frankfurt, to 34° over central England and at Paris and Rochefort, to 32° at Lyons and Nairn, and to 31° at Belfort and Munich. Over Scandinavia the values range from 33° at Christiansund and Bodø to 16° at Larstad and Haparanda. The sky is clear in one or two isolated places, but over northwestern Europe as a whole it is very cloudy or overcast; mist or fog prevails at several of our own stations accompanied by drizzling rain in the eastern and central parts of England. Rain is also falling at Aberdeen, and snow at Bodø. The sea is rough off the Shetlands and Scilly, and rather so at Pembroke, elsewhere it is moderate or smooth.

Temperature rose to 54° in the course of yesterday at Valencia, and to considerably above 40° at most western and northern stations, but in most parts of England the maxima did not exceed 37, and the range during the 24 hrs. was very slight. Very slight rain occurred at a few of our own stations, but over our area as a whole the weather was dry. Scarcely any bright sunshine was recorded over our Islands except at Valencia, where there were four and a half hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are no indications of any important change in the conditions now prevailing. The disturbance over the Bay of Biscay will probably disperse gradually. Temperature seems likely to continue a little above the freezing point over the Kingdom as a whole.

FORECASTS *

For the 24 hours ending at NOON on 21 FEBRUARY, 1902

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

S^W and SE^W winds, light or moderate, cloudy or dull, slight rain in places.

Light NE^W or E^W winds; dull, with mist and slight rain in places; then drier. Temperature changing very little.

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

Same as Nos. 0 and 1.

SE^W and E^W winds, light; dull generally.

Same as Nos. 2 to 5.

SE^W or E^W winds, light or moderate; cloudy or dull, some mist.

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. Inch.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Inch.
					Inch.	Change.	Dry.	Wet. °	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	0	38	33	0.0	—
Newton Reigny (Penrith)	30.10	36	Z 0	0	30.17	+ .12	34	34	- 1	Z 0	0	*	077	40	34	0.0	—
Bath	30.03	35	NE 2	0	30.10	+ .04	35	34	+ 1	NE 1	0	*	0	35	32	0.0	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Inch.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Inch.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	35	32	0	0.0	—	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	34	32	0	0.0	—	Llandudno	*	*	*	?	*
Lowestoft, 6 p.m.	38	35	0	0.0	—	Rhyl	*	*	*	*	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	38	32	0	0.0	—
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	*	*	*	*	*
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	35	31	077	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. F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	68	48	c, 0	Ins.	Algiers	59	46	c, c	0.04
Madrid	57	37	0, 0	—	Tunis	54	43	b, c	0.04
Corsica (I. Sanguinaires)	52	39	m, m	—	Vienna	37	34	r, s	0.20
Rome	53	43	0, 0	—	St. Petersburg	28	3	0, 0	—
Florence	53	38	b, c	—	Feb 18, 1902	1 p.m.	—	—	Measured 7 a.m.
Trieste	46	43	0, 0	0.08	Lugano	48	—	0	0.16
Brindisi	60	46	c, 0	0.08	Davos	34	—	c	—
Naples	52	42	c, b	—	Lucerne	36	—	s	0.08
Palermo	60	43	r, c	—	Lausanne	37	—	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.

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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.

20 Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	h. m.	h. m.	h. m.
Yarmouth	7.2	12.7	5.12
Greenwich	7.7	12.14	5.21
Wick	7.35	12.26	5.17
Valencia	7.49	12.55	6.1

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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, 21st February, 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.	Weather.	Time.		Sun- shine.	Rainfall.		
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.	Sea. (0 to 9.)	Max.	Min.	Hours	Ins.					
Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.				
SCANDINAVIA.	Haparanda	30.06	8	Z	0	S	29.84	-37	33	31	+17	W	2	0	*	f	33	5	*	-	
	Hernösand	30.23	21	Z	0	7	30.13	-26	18	17	-1	Z	0	7	*	7	28	18	*	-	
	Stockholm	30.45	23	Z	0	f	30.36	-20	22	21	+1	SW	2	7	*	f	27	19	*	-	
	Wisby	30.49	27	SE	2	7	30.44	-08	28	27	+4	SW	2	0	*	7	36	23	*	-	
	Karlstad	30.49	22	ESE	2	f	30.39	-18	20	20	+4	SW	2	f	*	f	*	*	*	-	
	Færder (X'ania Fjord)	30.46	28	WSW	2	0	30.38	-15	31	30	+8	SSW	4	m	2	0	31	21	*	-	
	Bodö	30.04	39	SSW	6	7	29.93	-34	40	39	+7	W	4	0	3	7	40	32	*	0.25	
	Christiansund	30.30	37	WSW	1	0	30.11	-28	36	34	+3	Z	0	0	3	0	39	32	*	-	
	Skudesnaes	30.36	35	S	6	0	30.25	-14	33	31	+3	SSE	8	0	5	0	37	30	*	-	
BRITISH ISLANDS.	Sumburgh Head	30.10	39	SSE	3	0	29.90	-27	39	38	-1	S	3	7	6	0	40	37	*	0.27	
	Stornoway	30.03	39	SSW	4	om	29.87	-23	40	39	0	SW	4	0	4	0,om	43	37	0.0	-	
	Malin Head	30.02	39	S	4	om	29.82	-25	38	37	+3	S	6	0	3	0,om	41	34	*	-	
	Blacksod Pt.	29.99	43	SSW	3	om	29.78	-26	42	41	0	SE	4	7m	4	0,om	43	41	*	0.13	
	Valencia	29.98	46	SE	2	om	29.78	-27	48	46	+4	SSE	4	ogp	4	om	48	43	0.0	0.08	
	Roche's Point	30.06	42	SE	3	m	29.91	-18	45	44	+2	S	5	0	4	om	45	41	*	-	
	Parsonstown	30.03	39	SE	3	0	29.88	-21	39	37	+1	SE	3	0	*	0	42	36	0.0	-	
	Donaghadee	30.07	38	S	2	gm	29.95	-18	37	37	-1	S	2	ogp	2	ogm	38	36	*	0.04	
	Liverpool Obsy.	30.11	34	ESE	1	0	30.05	-12	33	33	0	SE	1	0	?	om	35	32	*	-	
GERMANY, &c.	Holyhead	30.08	38	ENE	1	om	30.00	-15	37	36	+2	SE	2	om	1	0,om	38	34	*	-	
	Pembroke (St. Ann's)	30.05	38	NE	3	0	29.98	-10	39	38	+3	SSE	4	ogm	4	0	39	35	0.0	-	
	Scilly (St. Mary's)	30.01	44	ENE	4	0	29.96	-04	44	43	0	SSE	4	m	5	0,0	44	40	0.0	0.02	
	Jersey (St. Aubins)	30.02	38	ENE	2	0	30.07	+02	38	37	-1	ENE	2	of	2	om,sp	40	32	0.0	0.01	
	Portland Bill	30.06	35	NE	2	md	30.06	-02	40	40	+4	SE	2	0	2	om,sp	40	34	*	0.01	
	Dungeness	30.07	38	SSE	3	7	30.10	+03	38	38	+5	SSE	2	7	2	0,7	39	33	*	-	
	Wick	30.06	38	SE	3	0	29.88	-26	38	38	-2	Z	0	0	2	0,sp	42	35	*	0.18	
	Nairn	30.04	38	Z	0	0	29.89	-23	37	36	+5	SW	1	0	1	0	45	30	*	0.09	
	Aberdeen	30.11	38	SSE	2	0	29.96	-24	36	35	-2	S	2	og	3	0,d,c	39	36	0.0	0.03	
FRANCE.	Leith	30.09	38	E	1	0	29.97	-20	36	34	0	SE	2	om	*	0	38	34	*	-	
	North Shields	30.12	37	ESE	1	rd	30.01	-19	34	32	-3	SSW	3	0	2	0,d,f,0	38	32	*	-	
	Spurn Head	30.12	34	SE	4	0	30.09	-09	36	35	0	SSE	3	0	3	0	36	34	*	-	
	Yarmouth	30.09	37	SE	4	cg	30.10	-03	37	36	+2	ESE	2	7m	3	0,cg	38	33	*	-	
	Loughborough	30.18	34	E	1	0	30.09	-08	34	33	0	SE	1	om	*	om,sp	35	33	*	0.01	
	Oxford	30.12	34	E	3	0	30.09	-05	36	35	+2	ESE	1	0	*	0,d,p	36	33	*	-	
	London (Brixton)	30.10	36	E	1	0	30.10	-01	34	33	0	E	1	of	*	om,om	37	33	0.0	-	
	The Scaw (Skagen)	30.46	30	S	1	m	30.37	-10	30	29	0	S	3	m	1	m	32	28	*	-	
	Panö	30.39	28	ESE	6	0	30.34	-02	27	27	-3	SE	4	0	*	0	32	27	*	-	
SPAN. PEN.	Cuxhaven	30.34	32	SE	3	0	30.32	+02	29	28	-3	SSE	3	0	*	0	34	28	*	-	
	The Helder	30.19	33	E	2	m	30.20	+02	31	31	-1	SE	1	m	1	m	34	30	*	-	
	Brussels	*	*	*	*	*	30.19	+06	35	33	+2	SSE	2	7	*	7	39	32	*	-	
	Berlin	30.39	31	E	4	0	30.39	+06	23	22	-10	ESE	2	7	*	0	34	21	*	-	
	Frankfurt	30.23	39	NE	2	0	30.23	+07	37	35	-1	E	2	0	*	0	43	36	*	-	
	Munich	30.15	32	E	3	0	30.16	+06	30	30	-1	SE	1	0	*	0	34	28	*	-	
	C. Gris Nez	30.02	34	E	3	m	30.06	-02	36	36	+6	SSE	1	m	1	m	39	30	*	-	
	Brest	30.02	41	NE	1	0	30.03	+09	42	40	+6	SE	1	0	3	0	48	34	*	-	
	Lorient	30.01	38	NE	4	m	30.05	?	38	38	+3	ENE	2	0	3	m	41	35	*	-	
SPAN. PEN.	Rochefort	29.92	43	ENE	3	7c	30.06	+20	37	36	+3	ENE	3	m	*	7c	54	30	*	-	
	Biarritz	29.95	48	SSW	2	7	30.08	+27	50	48	+8	WNW	3	om	4	7	52	42	*	-	
	Paris	30.05	42	SE	2	7	30.14	+12	32	31	-2	ESE	1	7	*	7	49	31	*	-	
	Belfort	30.10	35	ENE	4	0	30.14	+08	31	31	0	ENE	2	m	*	0	40	31	*	-	
	Lyons	30.10	42	E	1	7c	30.20	+16	35	33	+3	NNE	1	7	*	7c	51	31	*	-	
	Nice	30.03	48	E	5	0	30.09	+08	40	35	-3	E	3	7	2	0	52	39	*	-	
	Perpignan	29.98	49	E	1	0	30.07	+22	45	44	-3	N	1	0	*	0	53	44	*	0.24	
	Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lisbon	29.99	53	NNW	5	0	30.08	+22	51	48	+2	NNW	4	0	*	0	55	49	*	-	
Azores (P. Delgada)	30.12	61	SSW	6	0	29.97	-26	61	59	+2	SSW	6	f	7	0	63	59	*	-		

Errata:- The 8 a.m. bar. reading for Haparanda in yesterday's report should read '30.21', that at Hernösand '30.39' and that at Bodö '30.27'.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR Friday 21st February, 1902

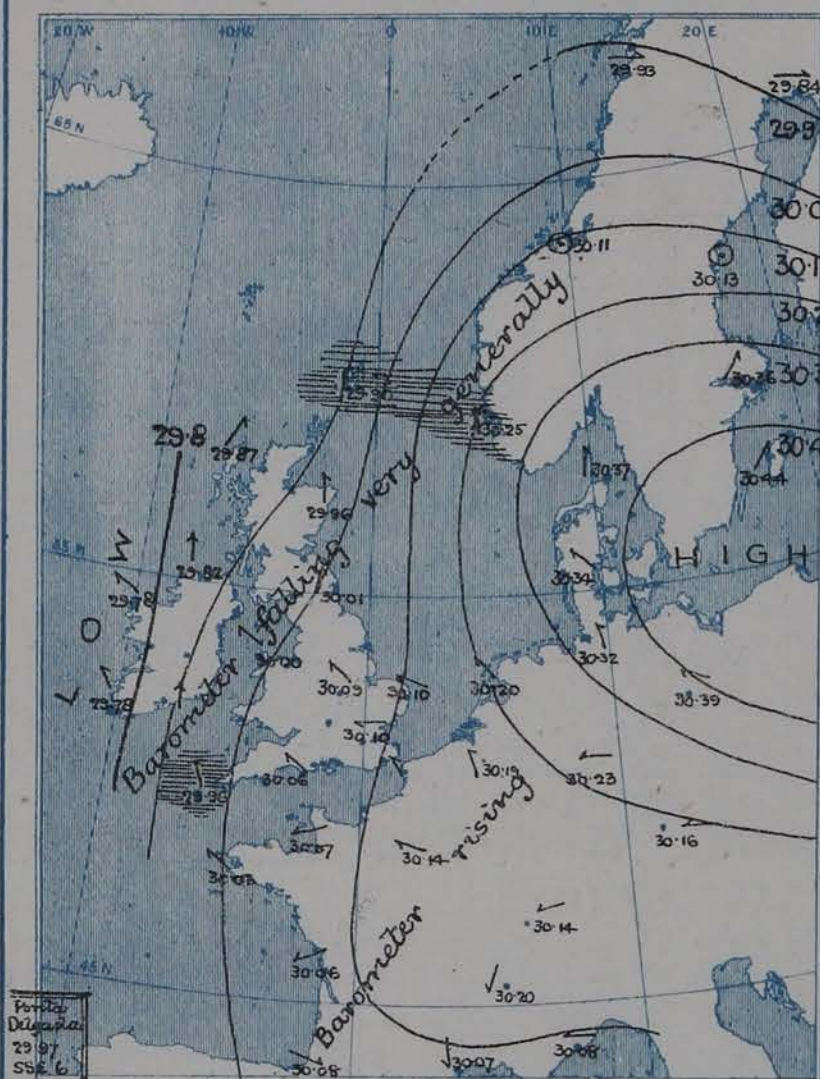
I. BAROMETER, WIND AND SEA. This Morning.

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

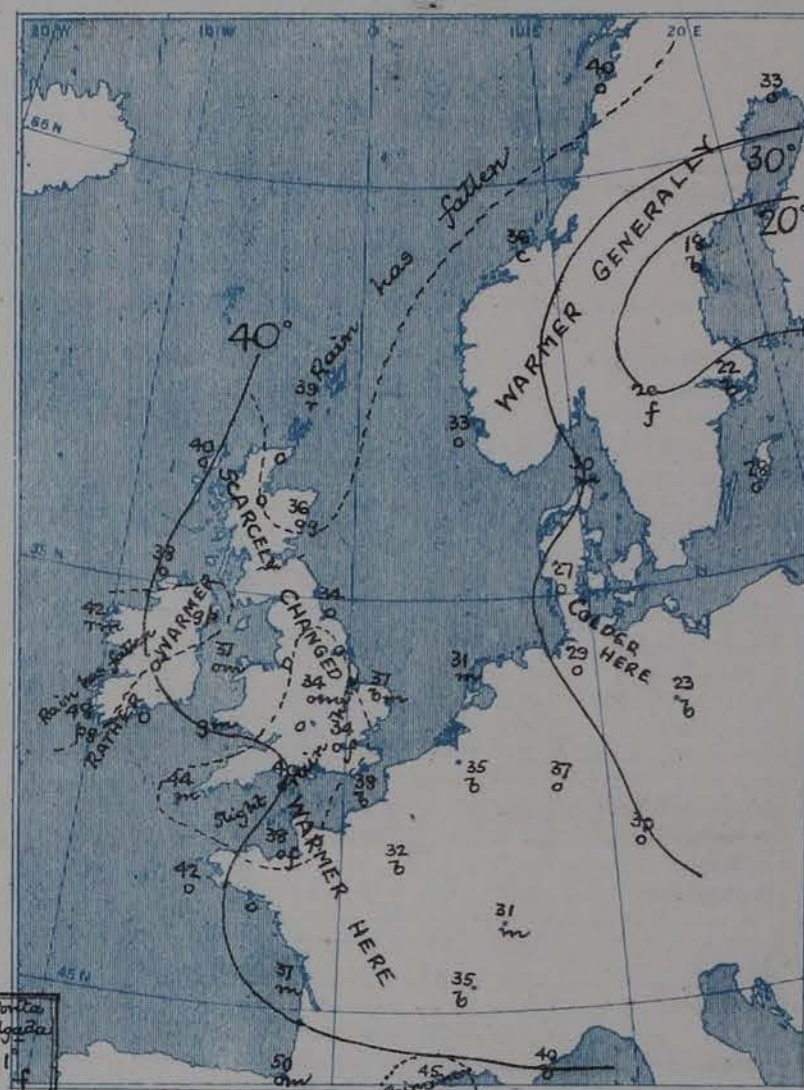


II TEMPERATURE AND WEATHER. This Morning.

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 FEBRUARY (1871-1900)

Specimen (for Shields) { RAINFALL 1.50
RAIN DAYS 14

Malin Head & Blacksod & Belmullet Values are for only 15 yrs



V Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is highest, 30.4 ins. and upwards, in an anticyclone lying over the southeast of Sweden and the Baltic. The lowest readings are now situated off the west coasts of Ireland and Scotland, where they are below 29.8 ins. Pressure is rising over the greater part of France, but falling over northwestern Europe generally, the change being more decided in Ireland and in the extreme north of Scandinavia than elsewhere. Gradients are moderate or slight but are increasing somewhat in the west.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has veered to S.S.E. or S. in all our more western and northern districts, and to the S.W. or W. in most parts of Norway and Sweden, but continues E. over Germany, at most of our own southeastern stations and over the greater part of France. It is moderate or very light in force as a whole, but blows freshly or strongly at some Irish stations, and is reported to have the force of a gale (from S.S.E.) at Skudeaues. Temperature has risen a few degrees in Ireland and at some of our south coast stations and also in France and the extreme north of our area, but changed very little elsewhere. The readings range from 48° at Valencia and 60° at Portland Bill, to 36° at Loughborough and Shields, and to 33° at Liverpool and Newton Reigny. The continental values vary between 50° at Biarritz, 35° at Lyons, and 23° at Berlin and between 40° at Rodø, 22° at Stockholm and 18° at Hernösand. The weather is cloudy or dull generally, with mist in many places, and with showers in Ireland. The sea is rough in the extreme north, and rather so at Scilly, moderate to smooth elsewhere. The maximum temperatures registered yesterday did not exceed 35° or 36° in most parts of England, but in Ireland and Scotland readings above 40° were general. Slight rain has fallen over central and southern England and rather heavier amounts in some Irish and Scotch localities, and at Rodø. There appears to have been a complete absence of bright sunshine over the United Kingdom yesterday.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A gradual change in the distribution of pressure seems to be in progress. The southerly movement of the anticyclone, the increase of pressure over France, and the decrease along our western coasts, will probably bring about a S. or S.W. current of wind over our Islands with a considerable rise of temperature.

FORECASTS *

For the 24 hours ending at NOON on 22 FEBRUARY, 1902

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S ^W and S ^W winds, increasing in force; milder, unsettled, some rain.	6 { SCOTLAND WEST	Same as Nos. 0 and 1.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.	S ^W and S ^W winds, light or moderate; cloudy or dull, milder.	8 { ENGLAND S.W.	S.E. to S ^W winds, increasing in force; milder, some rain in places.
3 { ENGLAND EAST	S.E. to S ^W winds, light or moderate; dull with mist in places, then fairer and milder.	9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	Same as Nos. 0 and 1.
5 { ENGLAND 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. Ins. Change.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
						Dry.	Wet.	Change.					Max.	Min.		
Clacton-on Sea	*	*	*	*	*	*	*	*	*	3	*	cf	38	32	0.0	-
Newton Reigny (Penrith)	30.09	36	Z 0	0	30.02 - .15	33	32.	- 1	SE 2	0	*	ogm	38	31	0.0	-
Bath	30.04	38	NE 2	0	30.03 - .07	37	35	+ 2	SE 1	0	*	0	39	33	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.	36	33	om	0.0	0.01	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	35	31	m	0.0	-	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	37	33	0	0.0	0.01	Rhyl	*	*	*	0.0	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	36	32	0	0.0	-
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	*	*	*	0.0	-
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	35	30	od	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)	50	46	c bc	Ins.	Algiers	68	52	o o	Ins.
Madrid	52	37	o o	Ins.	Tunis	57	45	f c	Ins.
Corsica (I. Sanguinaires)	52	41	f f	Ins.	Vienna	39	32	m o	0.04
Rome	52	38	b c	Ins.	St. Petersburg	16	0	b o	Ins.
Florence	55	41	b o	Ins.	19. Feb. -/02				Measured 7 a.m.
Trieste	50	41	b c	Ins.	Lugano	48	—	b	Ins.
Brindisi	53	42	b c	Ins.	Davos	30	—	bc	0.04
Naples	54	43	b c	Ins.	Lucerne	36	—	o	Ins.
Palermo	55	41	b o	0.08	Lausanne	37	—	bc	Ins.

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. Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.0	12.7	5.14
Greenwich	7.5	12.14	5.23
Wick	7.32	12.26	5.20
Valencia	7.47	12.55	6.3

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for 8 a.m. on Saturday, 22nd February, 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° 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	29.88	32	Z	0	0	?	?	32	31	- 1	W	2	bc	0	39	23				
	Hernösand	29.92	24	Z	0	0	29.91	- .22	33	31	+ 15	Z	0	0	0	14					
	Stockholm	30.27	?	Z	0	?	30.20	- .16	27	24	+ 5	WSW	2	0	0	18					
	Wisby	30.40	29	S	2	0	30.30	- .14	29	29	+ 1	SW	4	bc	0	23					
	Karlstad	30.29	27	SW	4	0	30.23	- .16	27	26	+ 7	SW	4	0	0						
	Färder (X'ania Fjord)	30.25	30	S	4	0	30.21	- .15	31	30	0	S	4	m	2	0	28				
	Bodö	29.77	37	S	1	0	29.61	- .32	39	38	- 1	SW	4	7	2	0	36		0.43		
	Christiansund	29.95	39	WSW	4	0	29.95	- .16	39	36	+ 3	WSW	3	0	4	0	36				
	Skudesnaes	30.15	34	SE	8	0	30.06	- .19	37	36	+ 4	SSE	8	of	5	0	32				
	BRITISH ISLANDS.	Sumburgh Head	29.85	39	S	2	0	29.74	- .16	40	38	+ 1	S	3	0	6	0	37		0.06	
Stornoway		29.78	41	SW	5	7	29.62	- .25	43	42	+ 3	SSW	6	0	6	0, r	38	0.0	0.03		
Malin Head		29.71	42	S	6	0	29.56	- .26	44	44	+ 6	S	4	c	2	0, g, m	37		0.02		
Blacksod Pt.		29.60	46	SSE	6	7	29.52	- .26	47	46	+ 5	SE	3	c	3	7, m, r	40		0.24		
Valencia		29.64	48	SSE	5	0	29.48	- .30	51	50	+ 3	ESE	3	0, g	4	7, m, r	45	0.0	1.04		
Roche's Point		29.79	45	S	6	7, u	29.59	- .32	46	46	+ 1	S	5	f	4	0, u, r	44		0.43		
Parsonstown		29.75	45	SSE	6	7	29.59	- .29	47	46	+ 8	SE	3	0	0	0	38	0.0	0.19		
Donaghadee		29.89	42	S	3	0	29.70	- .25	43	43	+ 6	S	4	7	4	0	35		0.15		
Liverpool Obsy.		29.98	36	SE	2	0	29.85	- .20	36	35	+ 3	ESE	3	7	?	0, m	33		0.09		
Holyhead		29.93	40	S	2	m, d, p	29.76	- .24	43	42	+ 6	S	5	od, p	4	0, m, d, p	36		0.04		
GERMANY, &c.	Pembroke (St. Ann's)	29.91	44	S	5	0	29.73	- .25	44	43	+ 5	S	7	m, g, m	6	0	39	0.0	0.14		
	Scilly (St. Mary's)	29.88	46	SSE	6	0	29.67	- .29	46	45	+ 2	SSE	6	m	5	c, 0	43	0.0	0.04		
	Jersey (St. Aubins)	30.07	40	SW	3	0	29.97	- .10	40	39	+ 2	SE	3	0, f	3	0, m	38	0.2			
	Portland Bill	30.05	41	S	2	0	29.94	- .12	42	41	+ 2	S	3	c	3	0, m	40				
	Dungeness	30.09	42	S	2	0	30.02	- .08	39	38	+ 1	S	4	c	4	0	38				
	Wick	29.83	40	S	1	c	29.69	- .19	40	38	+ 2	SE	2	bc	2	c	37				
	Nairn	29.83	37	Z	0	0	29.69	- .20	39	37	+ 2	Z	0	c	1	c	33				
	Aberdeen	29.91	36	SSW	2	c	29.79	- .17	38	37	+ 2	SSW	2	0, g, m	2	0, e	35	0.0			
	Leith	29.91	38	E	2	0	29.77	- .20	38	37	+ 2	Z	0	7, m	4	c	35		0.01		
	North Shields	30.00	37	SSW	1	0	29.85	- .16	38	37	+ 4	SSW	3	0, m	2	0, m, p	32		0.01		
FRANCE.	Spurn Head	30.04	37	SSE	3	m	29.93	- .16	35	35	- 1	SSE	3	m	3	m	34				
	Yarmouth	30.07	39	SE	3	0	30.00	- .10	37	36	0	SSE	4	bc, m	3	0	35				
	Loughborough	30.04	38	ESE	1	0	29.94	- .15	38	37	+ 4	SSE	2	0	0	0, m	34				
	Oxford	30.06	42	S	3	0	29.96	- .13	39	38	+ 3	S	2	0	0	0	36				
	London (Brixton)	30.07	44	S	2	0	30.00	- .10	37	37	+ 3	SSE	1	0	0	9, f, 0, c	33	0.1			
	The Scaw (Skagen)	30.31	28	SW	3	m	30.25	- .12	28	27	- 2	SSW	3	m	1	m	21				
	Fanö	30.30	27	SE	4	0	30.23	- .11	23	23	- 4	SE	2	m	0	0	23				
	Cuxhaven	30.30	30	SE	2	0	30.23	- .09	23	22	- 6	S	1	0	0	0	23				
	The Helder	30.17	35	SE	1	m	30.12	- .08	27	27	- 4	SSE	1	m	1	m	27				
	Brussels	30.16	32	SE	1	0	30.16	- .03	29	28	- 6	SE	1	0	0	0	28				
SPAN. PEN.	Berlin	30.35	32	SE	1	0	30.30	- .09	27	26	+ 4	SE	2	0	0	0	23				
	Frankfurt	30.22	36	NE	2	0	30.19	- .04	35	34	- 2	NE	1	0	0	0	34				
	Munich	30.15	30	Z	0	c	30.13	- .03	28	28	- 2	Z	0	f	0	0	27		0.12		
	C. Gris Nez	30.06	41	SSE	1	m	30.02	- .04	36	36	0	S	4	c	4	m	34				
	Brest	30.02	43	SE	4	0	29.86	- .17	41	39	- 1	SE	4	0	4	0	36				
	Lorient	30.08	41	SE	3	0	29.93	- .12	43	43	+ 5	SSE	4	c	4	0	38		0.24		
	Rochefort	30.08	43	NNE	2	bc	30.01	- .05	37	36	0	ESE	3	m	0	bc	34		?		
	Biarritz	30.13	50	N	1	0	30.04	- .04	43	41	- 7	S	2	0	2	0	41		0.08		
	Paris	30.14	43	SE	2	0	30.13	- .01	29	28	- 3	SE	1	0	0	0	29				
	Belfort	30.15	32	ENE	5	m	30.17	+ .03	30	28	- 1	ENE	2	0	0	0	29				
SPAN. PEN.	Lyons	30.06	49	NNE	5	bc	30.08	0	44	36	+ 4	E	4	bc	2	bc	40				
	Perpignan	30.11	48	N	1	0	30.11	+ .04	35	35	- 10	SW	1	0	0	0	34		0.04		
SPAN. PEN.	Corunna																				
	Lisbon																				
SPAN. PEN.	Azores (P. Delgada)	29.78	60	SSW	6	c	29.65	- .32	59	55	- 2	SW	5	c	7	c	57		0.32		

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, 22nd February, 1902

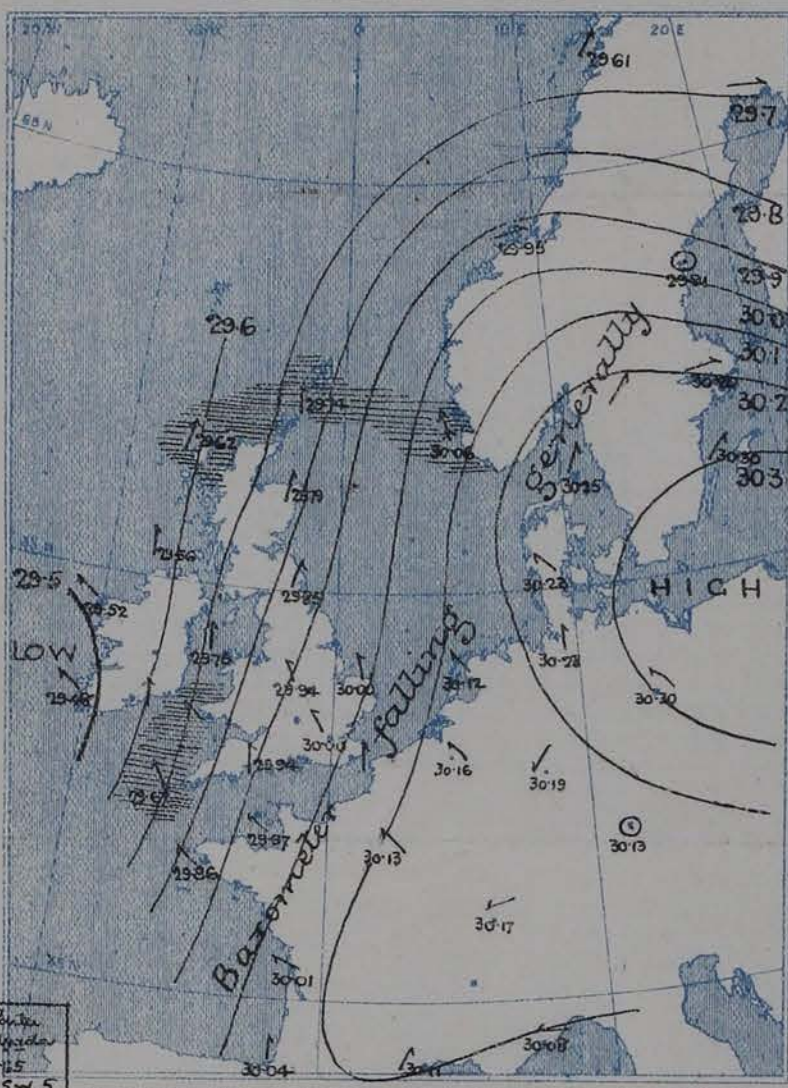
I. BAROMETER, WIND AND SEA. This Morning.

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 FEBRUARY (1871-1900)

Specimen (for Shields) { RAINFALL 1.50
RAIN DAYS 14

Malin Head & Blacksod-Belmullet Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

FEBRUARY-MARCH (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure continues highest, above 30.3 ins. in an anticyclone over the Baltic and its vicinity and lowest, 29.5 ins. and less, off the west coast of Ireland. The barometer is falling in all parts of our area, the change being rather brisk on our south-western and northern coasts, and in the north of Norway, very slight over France and within the anticyclonic region. Gradients are thus increasing steadily, but are at present moderate.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is now S⁴ in almost all parts of the United Kingdom, but has backed to SE in the west of Ireland, and continues SE⁴ over the greater portion of France. It is still light or moderate in force generally, but blows strongly at some western and southwestern stations. Over Scandinavia the wind is mainly from SW. and light or moderate, but a SSE⁴ gale is still reported at Skudeenals. Temperature has risen over northwestern Europe as a whole. It is now a few degrees higher than the normal in Ireland, Scotland, and the west of England, and about equal to it in the other English districts. The readings range ^{from} 51° at Valencia, 46° at Scilly, and 43° at Stornoway to 38° at Loughborough, Aberdeen, and Shields, 36° at Liverpool, and 35° at Spurn Head. Elsewhere the values range from 46° at Nice, 43° at Biarritz, to 29° at Paris, and from 39° on the west coast of Norway to 23° in Denmark. The weather is fair in a few localities, but cloudy or dull generally. Rain has set in at some of our own western stations and also in the northwest of Norway. The sea is rough off our southwestern and northern coasts, moderate to slight elsewhere.

In the course of yesterday temperature rose to a maximum of 51° in London, but on the east coast of Great Britain the thermometer did, not, as a rule, record a higher reading than 40°. Rather more than an inch of rain has fallen at Valencia and nearly half that quantity at Roches Pt. and smaller amounts in the west and north generally. A large amount of bright sunshine has been recorded on our southeastern coast, very little or none elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Cyclonic disturbances will probably continue to extend over the Kingdom from the westward, causing an increase in force of the S⁴ wind, with a general rise of temperature with rain in many places.

FORECASTS *

For the 24 hours ending at NOON on 23 FEBRUARY, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 ∇ SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

S⁴ to SW⁴ winds, increasing in force; unsettled, some rain in places; milder

S⁴ winds, light or moderate; milder, fair as a whole.

6 ∇ SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 ∇ IRELAND
NORTH

10 ∇ IRELAND
SOUTH

Same as Nos. 0 to 2.

S⁴ winds, fresh or strong; mild, some rain squally.

Wind mainly from S., and varying in force; mild, unsettled, rain at times.

WARNINGS

At 3.30 pm yesterday to districts 6, 10 and parts of 0 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. Ins. Change.	Temperature. Dry. Wet. Change			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*			*	8c	*	8	42 35	8.3	-
Newton Reigny (Penrith)	29.96	35	SE 1	0	29.82	36	35		SE 1	0	*	ogm d	36 33	0.0	0.05
Bath	29.99	38	NE 1	0	29.89	42	40		SE 1	0	*	0	42 36	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.	36	32	om	0.0	0.02	Worthing	*	*	*	4.0	*
Birmingham, 9 p.m.	*	*	*	*	*	Llandudno	*	*	*	?	*
Lowestoft, 6 p.m.	45	32	8	8.0	-	Rhyl	*	*	*	0.0	*
Hastings	*	*	*	8.8	*	Southport, 9 p.m.	37	33	0	0.0	-
Eastbourne	*	*	*	7.2	*	Manchester, 9 p.m.	*	*	*	*	*
Brighton	*	*	*	5.2	*	Darwen, 9 p.m.	35	30	om	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)	63	50	c	0	Algiers	63	50	r	0.39
Madrid	53	37	0	0	Tunis	63	52	0	0
Corsica (I. Sanguinaires)	54	43	f	f	Vienna	39	30	0	0.16
Rome	58	39	c	0	St. Petersburg	18	0	0	0
Florence	54	35	b	b	20 Feb: -/02				
Trieste	52	41	b	0	Lugano	48	—	b	—
Brindisi	53	41	b	b	Davos	32	—	b	—
Naples	54	46	c	c	Lucerne	37	—	0	—
Palermo	58	42	0	0	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.	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 Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 6.58	h. m. 12.7	h. m. 5.16
Greenwich	7.3	12.14	5.25
Wick	7.30	12.26	5.23
Valencia	7.45	12.53	6.5

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 Sunday 23rd February

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 59° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 59° 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 ...	29.87	14	N	2	o	30.20	?	17	17	-15	NNE	2	s.	*	o	34	17	*	0.08	
	Hernösand ...	29.98	38	Z	0	o	30.11	+20	27	24	-6	Z	0	f	*	o	39	23	*	—	
	Stockholm ...	30.26	30	Z	0	o	30.25	+05	26	27	+1	W	3	o	*	o	32	19	*	—	
	Wisby ...	30.28	31	S	4	b	30.33	+03	24	23	-5	SE	2	f	*	b	39	24	*	—	
	Karlstad ...	30.20	31	SW	2	o	30.23	-00	28	27	+1	SW	2	o	*	o	*	*	*	—	
	Færder (X'ianle Fjord)	30.21	31	SSW	3	o	30.20	-01	32	30	+1	SSW	2	m	2	o	32	29	*	—	
	Bodö ...	29.92	35	W	2	o	29.98	+37	33	31	+6	E	2	b	1	o	39	30	*	0.24	
	Christiansund ...	29.97	40	ESE	1	†	29.91	-04	40	38	+1	SESE	1	†	3	†	41	39	*	—	
	Skudesnaes ...	30.05	36	S	10	o	30.04	-02	36	34	-1	SSE	8	o	5	o	34	30	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.68	41	S	4	o	29.59	-15	42	42	+2	S	4	m	6	o	43	39	*	0.01	
	Stornoway ...	29.54	43	S	2	o	29.43	-19	44	44	+1	S	5	†	5	d.o	45	41	0.0	0.18	
	Malin Head ...	29.48	44	S	6	om	29.48	-08	46	45	+2	S	4	c	2	com, b	48	43	*	0.02	
	Blacksod Pt. ...	29.25	48	SE	6	†	29.41	-11	48	46	+1	SSE	5	cp	4	om, †	51	43	*	0.16	
	Valencia ...	29.26	51	SSE	4	om	29.40	-08	50	48	-1	SE	4	o	4	com	52	48	0.0	0.35	
	Roche's Point ...	29.37	48	S	6	†	29.51	-08	47	46	+1	SSE	3	m	5	†	48	45	*	0.41	
	Parsonstown ...	29.37	48	SE	6	†	29.50	-09	47	46	0	SE	2	o	*	o, q, †	50	45	0.0	0.03	
	Donaghadee ...	29.60	44	S	3	ot	29.57	-13	45	45	+2	SW	2	c	2	ot	46	41	*	0.24	
	Liverpool Obsy.	29.69	42	ESE	4	o	29.69	-16	43	41	+7	SE	2	o	2	o, †	44	36	*	0.39	
	Holyhead ...	29.59	45	SE	6	omdp	29.62	-14	45	45	+2	SSE	3	om	2	omdp	46	42	*	0.09	
GERMANY, &c.	Pembroke (St. Ann's)	29.56	44	SE	6	o	29.58	-15	46	45	+2	SSE	5	om	5	o, m, b	47	43	0.0	0.49	
	Scilly (St. Mary's)...	29.50	50	S	6	m	29.52	-15	50	50	+4	SSE	5	ft	6	m	52	45	0.4	0.07	
	Jersey (St. Aubins)...	29.83	45	ESE	4	om	29.79	-18	48	46	+8	SSE	4	o	3	om	48	39	1.2	0.27	
	Portland Bill ...	29.77	44	SSE	5	m	29.74	-20	45	45	+3	S	3	f	4	om	46	42	*	0.37	
	Dungeness ...	29.94	42	S	3	bc	29.83	-19	42	42	+3	S	4	f	4	bc, ft	44	38	*	0.17	
	Wick ...	29.71	42	SSE	3	c	29.49	-20	42	41	+2	SSE	4	†	3	c	44	39	*	0.04	
	Nairn ...	29.63	42	SW	1	c	29.52	-14	42	41	+3	WSW	1	c	1	c	45	37	*	0.08	
	Aberdeen ...	29.72	40	S	2	om	29.62	-17	41	40	+3	S	3	ogm	4	om	42	38	0.0	0.01	
	Leith ...	29.69	43	E	1	o	29.60	-17	42	41	+4	Z	0	om	*	o	45	37	*	0.19	
	North Shields ...	29.79	42	S	4	om	29.67	-18	43	42	+5	S	2	o	2	com, †	44	38	*	0.05	
FRANCE.	Spurn Head ...	29.82	37	SSE	5	c	29.73	-20	39	38	+4	SSE	5	o	4	c, †	41	35	*	0.10	
	Yarmouth ...	29.93	39	SSE	4	b	29.83	-17	39	38	+2	SSE	4	mg	4	b	40	35	*	0.06	
	Loughborough ...	29.82	43	ESE	2	o	29.74	-20	43	43	+5	SE	1	ogm	*	o, com, b	44	38	*	0.17	
	Oxford ...	29.81	44	SSE	4	†	29.77	-19	45	45	+6	SSE	2	odf	*	†q	49	39	*	0.27	
	London (Brixton)	29.89	44	S	2	c	29.80	-20	46	45	+9	S	1	c	*	com, c	51	37	1.5	0.19	
	The Scaw (Skagen)	30.20	33	S	1	b	30.20	-05	30	30	+2	SSE	2	m	0	b	34	27	*	—	
	Fanö ...	30.17	26	SE	2	b	30.14	-19	24	23	+1	SE	2	b	*	b	34	23	*	—	
	Cuxhaven ...	30.17	34	S	1	b	30.14	-09	26	25	+3	S	1	b	*	b	36	23	*	—	
	The Helder ...	30.06	34	SE	1	b	29.98	-14	32	31	+5	SE	1	bc	0	b	43	27	*	—	
	Brussels ...	*	*	*	*	*	30.00	-16	37	34	+8	SE	2	o	*	bc	41	28	*	—	
SPAN. PEN.	Berlin ...	30.21	33	SE	1	bc	30.19	-11	32	31	+5	SE	1	o	*	bc	39	27	*	—	
	Frankfurt ...	30.15	37	ESE	1	o	30.15	-04	32	31	-3	E	2	b	*	o	39	32	*	—	
	Munich ...	30.13	28	Z	0	b	30.13	-00	22	21	-6	Z	0	b	*	b	37	19	*	—	
	C. Gris Nez ...	29.95	44	S	4	c	29.88	-14	42	42	+6	S	3	†	3	c	52	36	*	0.08	
	Brest ...	29.63	46	S	4	†	29.64	-19	49	48	+8	SSE	4	o	5	†	49	41	*	0.55	
	Lorient ...	29.82	48	SSW	5	f	29.76	-17	48	48	+5	S	5	c	5	f	50	43	*	1.02	
	Rochefort ...	29.94	49	SW	3	o	29.89	-12	46	45	+9	SE	4	c	*	o	54	34	*	0.04	
	Biarritz ...	30.00	58	S	5	o	29.92	-12	58	50	+15	S	3	o	2	o	61	43	*	—	
	Paris ...	30.02	43	N	2	b	29.97	-16	40	37	+11	S	2	o	*	b	51	29	*	—	
	Belfort ...	30.08	37	ENE	2	m	30.12	-05	29	27	-1	NE	2	m	*	m	45	27	*	—	
SPAN. PEN.	Lyons ...	30.14	35	WNW	1	b	30.13	?	35	35	?	S	1	c	*	b	41	30	*	—	
	Nice ...	30.07	47	Z	0	b	30.12	+04	40	37	-4	Z	0	b	1	b	57	37	*	—	
	Perpignan ...	30.06	48	S	2	b	30.06	-05	37	37	+2	SW	2	b	*	b	55	35	*	—	
SPAN. PEN.	Corunna ...	29.85	60	S	6	bc	29.69	-16	57	53	+3	SSE	3	o	3	bc	61	50	*	—	
	Lisbon ...	30.02	55	SSW	4	o	29.83	-24	56	53	+2	SSE	5	o	*	o	57	53	*	0.08	
	Azores (P. Delgada)	29.59	55	W	5	b	29.57	-08	53	51	-6	WSW	5	f	7	b	61	48	*	0.32	

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, 23rd February, 1902

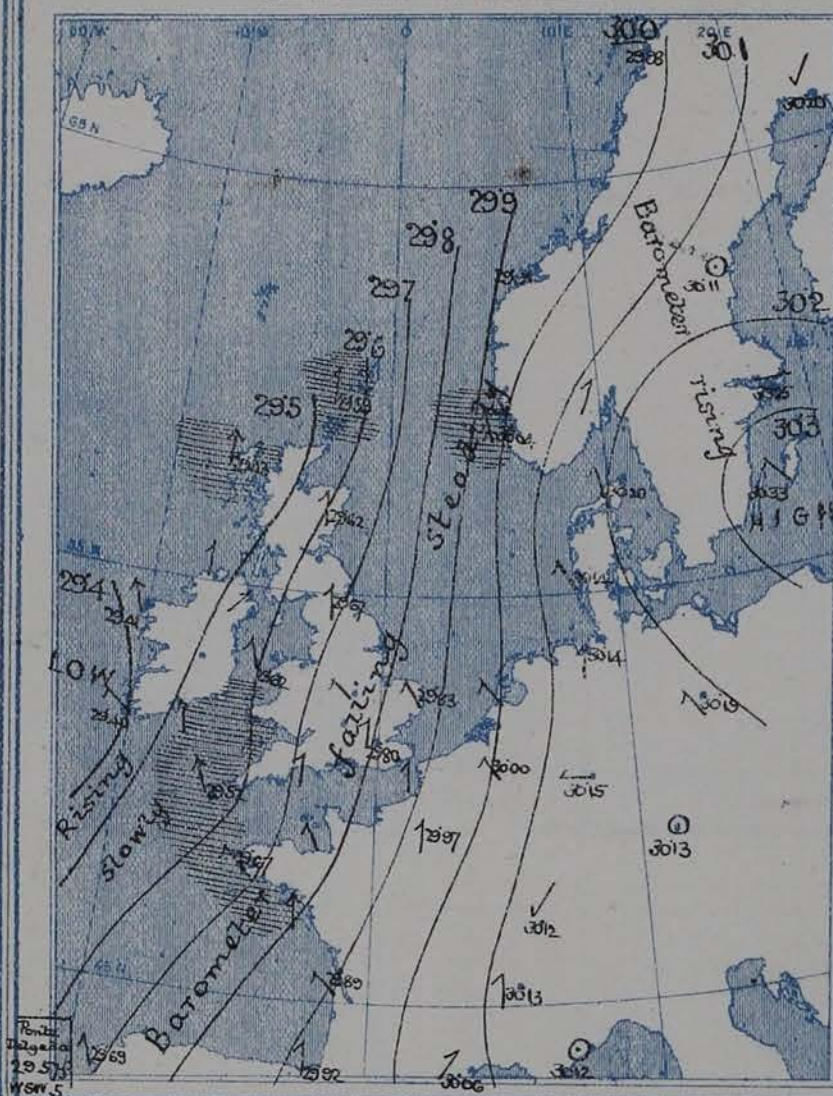
I. BAROMETER, WIND AND SEA. This Morning.

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 :



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure remains highest, 30.3 ins. and upwards to 30.2 ins., in an anticyclone lying over the Baltic and the south of Sweden, and lowest, 29.4 ins. and less, in a cyclonic area lying off the west of Ireland. The latter system is inclined to move away over the Atlantic, and the barometer is rising at most of our western stations; in nearly all other parts of our area it continues to fall.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is S^W or SE^W over nearly the whole of western Europe, and although light or moderate in force generally, it blows freshly on many parts of our western coasts and with the force of a gale at Skudenes. Temperature has risen in most places and is now above the average in most parts of our Islands and France. At many of our own southern and western stations and in the west of France the thermometer is above 45°, the highest readings reported in those parts being 50° at Valencia (Ireland) and at Scilly; in the southwest of France and on the Spanish coasts the readings are above 50°. Frost still prevails however in Sweden, Denmark, Germany, and the east of France, the lowest readings reported being 17° at Haparanda and 22° at Munich. The weather is cloudy or dull over western Europe generally with mist or fog and rain in several places, and snow at Haparanda. Over Holland, Germany and the southern parts of Denmark and France however the sky is clear. The sea is rough or rather so on our extreme northern and southwestern coasts, as well as at Skudenes, and off the northwest of France.

During yesterday the thermometer rose to between 45° and 50° in many parts of the United Kingdom, to 51° in London and at Blackwood Point and to 52° at Valencia (Ireland); at Biarritz and Corunna it rose to 61°. The amount of bright sunshine was very small generally but large on our southeastern coasts; at Clacton-on-Sea there was more than 9 hours. Rain has fallen over the whole of the United Kingdom and the north of France, heavily at Lorient. A solar halo was seen yesterday at Oxford and at lunar halo at Skornoway.







PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 24 FEBRUARY, 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 11.30 am yesterday to district 8 and at 3.10 pm to district 7 and part of 5, HOIST SOUTH CONE.

The signals are still up in districts 6, 10, parts of 0, 4, 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	*	*	*	*	*	*	*	*	*	*	r	*	6.7	42	37	9.2	0.11
Newton Reigny (Penrith)												*					
Bath	29.79	44	SE. 3	0	29.75	-.14	47	47	+5	SE. 1.	0	*	0	48	42	0.0	0.04

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	32	C.C.	0.0	—	Worthing	*	*	*	3.2	*
Birmingham, 9 p.m.	44	36	0	0.0	—	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	*	*
Hastings	*	*	*	*	*	Southport, 9 p.m.	43	36	0.2, r	0.0	0.22
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	46	38	p.0.4	0.5	—
Brighton	*	*	*	*	*	Darwen, 9 p.m.	40	33	0.7 m.	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, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)	61	50	0	6c	Algiers	57	? 50	0	0.59
Madrid	55	32	c	0	Tunis	64	46	0	1.73
Corsica (I. Sanguinaires)	57	41	f	f	Vienna	36	28	c	—
Rome	57	44	0	0	St. Petersburg	?	?	6	0
Florence	54	44	0	0	21 Feb - 1902				
Trieste	50	37	0	0	Lugano	43	—	0	Measured 7 a.m.
Brindisi	55	46	6	0	Davos	32	—	6	—
Naples	57	46	0	0	Lucerne	36	—	0	—
Palermo	66	55	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.	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.

	23. Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
		h. m.	h. m.	h. m.
Yarmouth	6.56	12.7	5.18	
Greenwich	7.1	12.14	5.27	
Wick	7.27	12.26	5.25	
Valencia	7.43	12.55	6.7	

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 24th February 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° Fabr. 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 ...	30.18	18	NNE	2	S	29.95	-0.25	17	17	0	J	2	S	*	S	21	16	*	—
	Hernösand ...	30.08	25	Z	0	o	30.02	-0.09	24	24	-3	Z	0	f	*	o	37	23	*	—
	Stockholm ...	30.27	22	Z	0	bc	30.25	.00	19	19	-9	SW	2	f	*	bc	34	19	*	—
	Wisby ...	30.29	27	SE	2	f	30.26	-0.07	24	24	0	SSE	2	f	*	f	39	19	*	—
	Karlstad ...	30.09	26	SSW	2	c	30.26	+0.03	21	21	-7	SSW	2	f	*	o	*	*	*	—
	Færder (K'iania Fjord)	30.24	29	SSE	1	f	30.21	+0.01	29	28	-3	SSE	1	m	1	f	32	27	*	—
	Bodö ...	29.89	33	E	1	s	29.83	-0.15	38	37	+5	SW	5	+	3	s	38	30	*	—
	Christiansund ...	29.91	42	ESE	1	o	29.96	+0.05	39	38	-1	E	1	o	4	o	45	39	*	—
	Skudesnaes ...	30.04	37	S	6	o	30.03	-0.01	38	35	+2	S	6	o	4	o	38	36	*	—
BRITISH ISLANDS.	Sumburgh Head	29.61	42	S	4	+	29.67	+0.08	42	42	0	S	3	o	6	+	43	41	*	0.05
	Stornoway ...	29.53	47	Z	0	o	29.48	+0.05	46	45	+2	SE	2	o	3	o	50	43	0.2	0.03
	Malin Head ...	29.40	45	S	5	tu	29.36	-0.12	48	47	+2	S	6	o	2	c, tu	52	45	*	0.03
	Blacksod Pt. ...	29.32	49	ESE	4	cp	29.28	-0.13	50	47	+2	S	6	c	5	c, p	50	46	*	0.06
	Valencia ...	29.27	51	SE	4	o	29.31	-0.09	48	47	+2	SSE	3	bc	4	o	55	46	0.8	0.42
	Roche's Point ...	29.38	48	SSE	5	rm	29.38	-0.13	46	46	-1	SSE	4	m	5	rm	49	45	*	0.34
	Parsonstown ...	29.36	51	SE	5	o	29.40	-0.10	48	47	+1	SE	1	op	*	o, r	51	46	0.0	0.07
	Donaghadee ...	29.51	45	SSE	3	fm	29.47	-0.10	46	46	+1	S	3	ot	3	rm	49	43	*	0.20
	Liverpool Obsy.	29.62	48	ESE	4	o	29.57	-0.12	46	45	+3	ESE	3	o	?	o, p	50	43	*	0.03
	Holyhead ...	29.54	48	SE	2	rgmd	29.50	-0.12	46	46	+1	SE	3	op	2	rgmd	50	45	*	0.22
	Pembroke (St. Ann's)	29.53	47	SSE	6	o	29.48	-0.10	45	44	-1	SE	5	ogq	5	o, mp	48	44	0.0	0.24
	Scilly (St. Mary's)...	29.46	51	SSE	6	om	29.42	-0.10	51	50	+1	S	4	opm	6	om	52	49	0.0	0.21
	Jersey (St. Aubins)...	29.71	48	ESE	3	og	29.61	-0.18	46	45	-2	SE	3	om	3	og	50	45	0.6	0.14
	Portland Bill ...	29.69	46	ESE	3	cm	29.58	-0.16	45	45	0	SE	3	rm	3	rm	46	45	*	0.28
	Dungeness ...	29.83	44	NE	1	om	29.71	-0.12	43	42	+1	SSE	3	o	3	rm	44	41	*	0.06
	Wick ...	29.61	42	SSE	2	c	29.56	+0.07	43	43	+1	SE	4	f	4	c	47	40	*	0.24
	Nairn ...	29.59	42	SW	1	c	29.53	+0.01	43	42	+1	Z	0	c	1	c	50	39	*	0.07
GERMANY, &c.	Aberdeen ...	29.68	42	S	2	ogm	29.65	+0.03	42	42	+1	SE	1	ofrg	3	ogm	45	40	0.0	0.03
	Leith ...	29.61	46	SE	1	o	29.57	-0.03	47	46	+5	ESE	1	o	*	o	51	40	*	0.02
	North Shields ...	29.69	43	S	1	om	29.65	-0.02	43	43	0	SSE	3	odp	2	om	47	41	*	—
	Spurn Head ...	29.73	38	SE	4	+	29.70	-0.03	40	39	+1	SE	4	cf	4	+	42	37	*	0.18
	Yarmouth ...	29.82	39	SSE	4	f	29.76	-0.07	39	38	0	SE	4	dm	4	f	40	37	*	0.12
	Loughborough ...	29.74	49	SSW	3	+	29.66	-0.08	45	44	+2	SE	2	omr	*	gm, ot	49	43	*	0.12
	Oxford ...	29.74	49	ESE	2	o	29.64	-0.13	46	45	+1	SE	2	ot	*	o	50	44	*	0.14
	London (Brixton)	29.79	50	SW	1	ot	29.68	-0.12	44	43	-2	SE	2	od	*	o, r, bc	51	44	0.0	0.02
	The Scaw (Skagen)	30.20	31	SSE	2	m	30.22	+0.02	31	30	+1	SSE	2	o	0	m	32	28	*	—
	Fanö ...	30.14	27	SE	2	b	30.11	-0.03	26	25	+2	SE	4	b	*	b	36	23	*	—
FRANCE.	Cuxhaven ...	30.11	35	SE	1	b	30.08	-0.06	28	27	+2	SE	2	b	*	b	36	23	*	—
	The Helder ...	—	—	—	—	—	29.93	-0.05	34	33	+2	SE	1	c	1	—	39	32	*	—
	Brussels ...	*	*	*	*	*	29.88	-0.12	41	37	+4	SE	2	c	*	o	45	36	*	0.04
	Berlin ...	30.19	35	SE	2	o	30.14	-0.05	29	27	-3	SE	1	b	*	o	37	27	*	—
	Frankfurt ...	30.08	35	E	3	b	30.01	-0.14	29	29	-3	E	1	b	*	b	46	28	*	—
	Munich ...	30.08	27	SE	2	b	29.99	-0.14	17	17	-5	SE	3	f	*	b	36	17	*	—
	C. Gris Nez ...	29.85	45	S	2	m	29.74	-0.14	44	42	+2	SE	4	c	3	m	50	41	*	—
	Brest ...	29.63	48	SSE	4	f	29.55	-0.12	48	48	-1	S	3	o	5	f	52	48	*	0.67
	Lorient ...	29.64	47	S	4	f	29.59	+0.17	48	48	0	S	3	o	5	f	50	45	*	0.16
	Rochefort ...	29.76	50	SE	4	o	29.69	-0.20	48	47	+2	SSE	3	+	*	o	54	41	*	—
SPAN. PEN.	Biarritz ...	29.79	54	S	6	o	29.71	-0.21	58	51	0	S	5	o	3	o	64	54	*	—
	Paris ...	29.90	50	SE	1	o	29.77	-0.20	42	39	+2	SE	2	o	*	o	59	40	*	—
	Belfort ...	29.99	44	ENE	4	c	29.91	-0.21	34	31	+5	NE	3	c	*	c	52	29	*	—
	Lyons ...	30.00	47	S	5	b	29.89	-0.24	47	41	?	S	5	o	*	b	52	35	*	—
	Nice ...	30.10	46	S	1	o	30.02	-0.10	42	40	+2	Z	0	bc	0	o	57	40	*	—
	Perpignan ...	29.92	53	NE	2	o	29.79	-0.27	45	44	+8	NE	2	o	*	o	57	37	*	—
	Corunna ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lisbon ...	29.76	56	SSW	5	o	29.68	-0.15	55	52	-1	SW	5	o	*	o	57	52	*	0.75
	Azores (P. Delgada)	29.72	57	W	5	o	29.74	+0.17	60	58	+7	SW	6	+	7	o	60	53	*	—

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

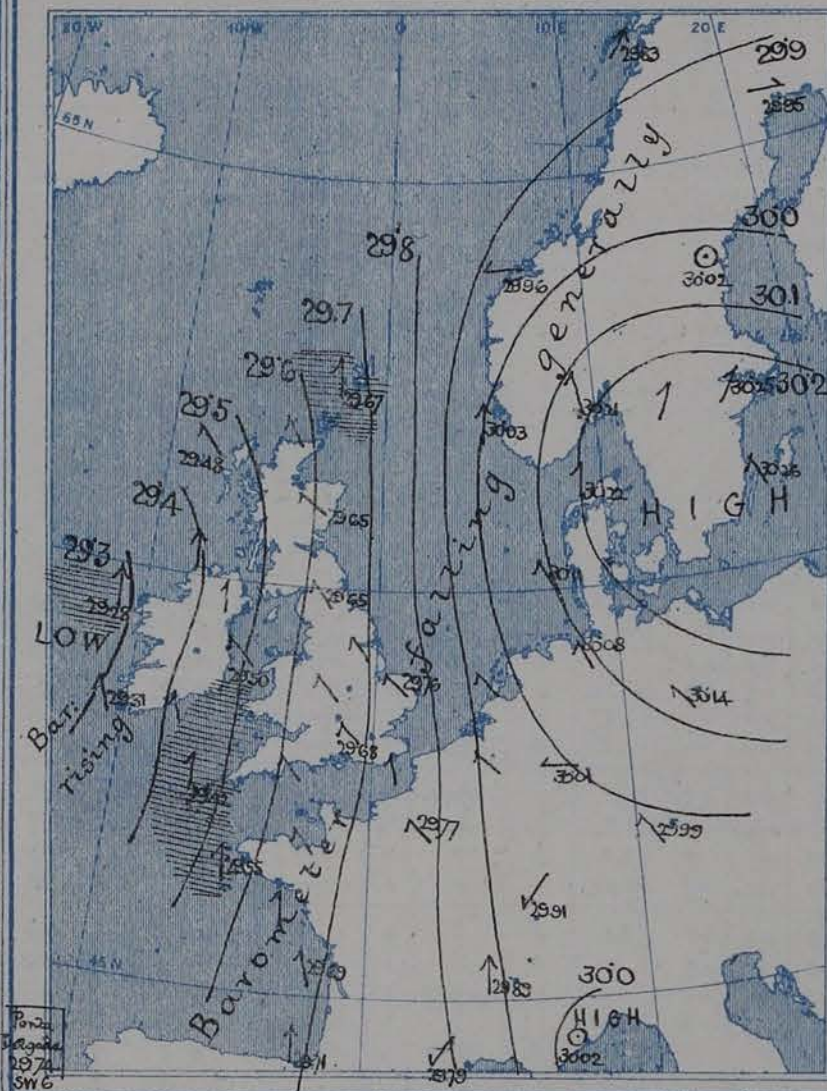
FOR *Monday, 24th February, 1902*

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

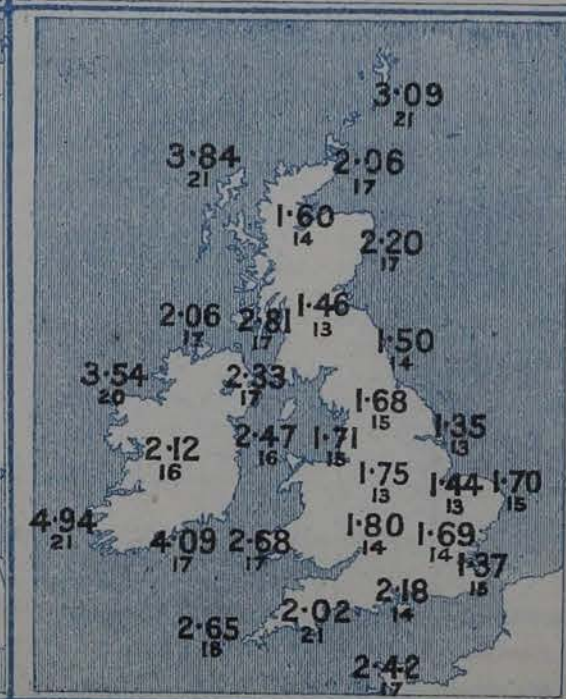
Yesterday morning.



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

Specimen (for Shields) { RAINFALL 1.50
RAIN DAYS 14

Malin Head & Blacksod Bay Mulllet Values are for only 15 1/2



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

FEBRUARY-MARCH (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The general distribution of pressure remains unchanged. An anticyclone with readings above 30.2 inches, still lies over the Baltic and the south of Sweden, while a cyclonic area of moderate depth, with minimum readings below 29.3 inches, is situated off the west of Ireland. The barometer is falling slowly over western Europe generally, but is rising again in the south of Ireland.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to fresh from the Southward or South-eastward over nearly the whole of our area, but is South-westerly or Westerly in the north of Scandinavia. Temperature has risen a little over the northern parts of the United Kingdom, but has changed rather irregularly elsewhere. In these islands and France it is above the average for the time of year, the morning readings being above 45° at all our western and at several of our southern stations, as well as at Leith; at Blackhead the reading is as high as 58°. Frost still prevails over Sweden, Denmark and Germany, the lowest readings reported being 17° at Haparanda and also at Munich, 19° at Stockholm and 21° at Karlstad. The weather is dull over western Europe generally, with fog or mist in several places; rain is falling in many parts of the United Kingdom and France, and rain or snow in the north of Scandinavia. In Germany and the south of Denmark however, the weather is at present fine. The sea is rough at Lumburgh Head and Scilly and rather rough on our extreme west and south-west coasts generally. During yesterday the thermometer rose to 50° or slightly above it in several parts of the United Kingdom and to 55° at Valencia (Ireland). Small amounts of bright sunshine were registered at a few of our western stations, but in other parts of the Kingdom there was none. Rain fell in nearly all parts of our islands and also in the north-west of France - heavily at Brest. A solar halo was seen yesterday morning at Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change. The cyclonic system off our western coasts is likely to move northwards, but with the existing distribution of pressure other disturbances will probably appear in the same region. A continuance of S.E. and S. winds is therefore anticipated, with mild, dull weather and rain in most districts.

FORECASTS *

For the 24 hours ending at NOON on 25th February, 1902

DISTRICTS.		FORECASTS.	
0	{ SCOTLAND NORTH	}	Same as Nos 0 to 3.
1	{ SCOTLAND EAST		
2	{ ENGLAND N.E.		
3	{ ENGLAND EAST		
4	{ MIDLAND COUNTIES		
5	{ ENGLAND SOUTH	6	{ SCOTLAND WEST
		7	{ ENGLAND N.W.
		8	{ ENGLAND S.W.
		9	{ IRELAND NORTH
		10	{ IRELAND SOUTH
		WARNINGS	
		At 9.50 am. today to districts 5 and 7. "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	*	*	*	*	*	*	*	*	*	*	c	*	mr	40	38	0.0	0.07
Newton Reigny (Penrith)	29.62	44	SSE 1	0	29.58		45	44		ESE 3	ogr	*	omgd,†	48	40	0.0	0.14
Bath	29.63	49	SE 2	0	29.58	-1.7	46	45	-1	NE 3	r	*	o	52	46	0.0	0.33

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	0	0.0	0.22	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	48	41	2	0.0	0.23	Llandudno	*	*	*	0.6	*
Lowestoft, 6 p.m.	*	*	*	?	*	Rhyl	*	*	*	1.5	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	50	42	05	0.0	0.20
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	*	*	*	*	*
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	48	38	2.9	0.0	0.34

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)	Inform ⁿ not rec ^d			Ins.	Algiers	Inform ⁿ not rec ^d			Ins.
Madrid					Tunis,...				
Corsica (I. Sanguinaires) ...					Vienna				
Rome					St. Petersburg...				
Florence					22. Feb -/02	1 p.m.			Measured 7 a.m.
Trieste					Lugano	48	—	6	—
Brindisi... ..					Davos	32	—	6	—
Naples					Lucerne	39	—	6	—
Palermo					Lausanne	39	—	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.

24 Feb., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 6.53	h. m. 12.6	h. m. 5.19
Greenwich	6.58	12.13	5.28
Wick	7.24	12.25	5.27
Valencia	7.41	12.54	6.8

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 25th February

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 33° 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 ...	29.97	13	Z	0	C	30.03	+0.06	8	7	-9	Z	0	0	*	C	21	8	*	-	
	Hernösand ...	30.02	26	Z	0	O	30.04	+0.02	27	27	+3	Z	0	0	*	O	32	23	*	-	
	Stockholm ...	30.21	20	Z	0	C	30.13	-1.2	16	16	-3	Z	0	0	*	C	34	16	*	-	
	Wisby ...	30.17	24	NE	2	f	30.13	-1.3	23	22	-1	E	2	0	0	*	f	37	21	*	-
	Karlstad ...	29.76	28	SW	2	O	30.10	-1.6	27	27	+6	NW	2	0	0	*	O	*	*	-	
	Færder (X'ianta Fjord) ...	30.17	31	SSW	2	O	30.11	-1.0	29	28	0	NW	1	m	1	O	32	28	*	-	
	Bodö ...	29.93	38	SW	2	O	29.90	+0.07	41	40	+3	SW	6	+	3	O	41	36	*	-	
	Christiansund ...	29.99	40	E	+	O	30.01	+0.05	41	39	+2	E	1	0	3	O	41	39	*	0.08	
BRITISH ISLANDS.	Skudesnaes ...	30.04	36	S	6	bc	30.05	+0.02	33	32	-5	S	4	0	4	bc	39	32	*	*	
	Sumburgh Head ...	29.71	42	S	4	O	29.76	+0.09	40	39	-2	S	4	0	6	+, O	43	40	*	0.01	
	Stornoway ...	29.52	47	Z	0	+	29.59	+0.11	45	44	-1	Z	0	0	1	0, +	50	43	0.1	0.18	
	Malin Head ...	29.45	47	S	5	C	29.51	+0.15	45	44	-3	SSE	5	og	3	om, c	50	43	*	-	
	Blacksod Pt. ...	29.40	49	S	4	bc	29.45	+0.17	47	46	-3	SSE	4	cpm	3	bc	53	44	*	0.09	
	Valencia ...	29.40	50	SE	3	op	29.43	+0.12	48	47	0	SE	3	og	4	c, op	53	47	1.3	0.10	
	Roche's Point ...	29.48	47	SE	4	f	29.51	+0.13	47	46	+1	SE	5	cm	5	bc, f	50	46	*	0.21	
	Parsonstown ...	29.47	49	SE	1	bc	29.52	+0.12	47	46	-1	ESE	3	cr	*	p, bc	56	45	4.4	0.02	
GERMANY, &c.	Donaghadee ...	29.53	45	S	3	omp	29.61	+0.14	44	44	-2	SW	2	cmp	2	omp	50	42	*	0.19	
	Liverpool Obsy. ...	29.60	46	ESE	2	m	29.67	+0.10	44	43	-2	ESE	2	0	?	omr	47	43	*	0.17	
	Holyhead ...	29.54	48	S	1	omdp	29.61	+0.11	43	42	-3	Z	0	em	0	omdp	48	41	*	0.01	
	Pembroke (St. Ann's) ...	29.53	45	SE	3	C	29.58	+0.10	43	43	-2	E	5	em	5	c, m	47	43	0.5	-	
	Scilly (St. Mary's) ...	29.50	49	SSE	4	C	29.50	+0.08	49	47	-2	ESE	4	C	5	C	54	47	4.6	-	
	Jersey (St. Aubin's) ...	29.60	49	E	3	bc, m	29.61	0.00	44	43	-2	NE	1	f	1	c, bc, m, g	52	41	3.7	0.01	
	Portland Bill ...	29.62	45	ESE	2	C	29.62	+0.04	43	43	-2	ENE	3	f	3	C	48	43	*	0.03	
	Dungeness ...	29.67	43	NE	1	+	29.66	-0.05	42	42	-1	ENE	1	f	2	f, f	43	41	*	0.15	
FRANCE.	Wick ...	29.62	40	SE	4	O	29.66	+0.10	42	42	-1	SE	4	+	5	O	45	41	*	0.08	
	Nairn ...	29.60	48	SSE	3	C	29.63	+0.10	43	42	0	SE	1	+	1	C	52	40	*	0.06	
	Aberdeen ...	29.70	42	SSE	3	O	29.75	+0.10	40	40	-2	SE	3	orgm	4	orgm, o	44	40	0.0	0.37	
	Leith ...	29.59	47	SE	2	+	29.66	+0.09	43	42	-4	SE	1	rm	*	+	51	41	*	0.19	
	North Shields ...	29.65	42	ESE	3	+	29.71	+0.06	40	40	-3	SE	2	0	2	dp, r	45	40	*	0.20	
	Spurn Head ...	29.67	39	ESE	4	+	29.71	+0.01	39	38	-1	ESE	4	dp	4	+	41	37	*	0.14	
	Yarmouth ...	29.69	40	SE	4	C	29.71	-0.05	38	37	-1	ESE	5	bc	4	bc	41	36	*	-	
	Loughborough ...	29.65	45	ESE	1	+	29.69	+0.03	42	42	-3	ENE	1	ogfd	*	omr, pf	45	42	*	0.46	
SPAN. PEN.	Oxford ...	29.66	45	SE	2	O	29.67	+0.03	43	43	-3	NE	2	of	*	o, t	47	42	*	0.17	
	London (Brixton) ...	29.66	45	SE	2	ogr	29.67	-0.01	43	43	-1	E	1	ogmr	*	ogt, o	46	42	0.0	0.19	
	The Scaw (Skagen) ...	30.17	28	E	1	m	30.14	-0.08	26	26	-5	E	2	m	0	m	32	25	*	-	
	Fanö ...	30.10	27	ESE	5	O	30.05	-0.06	26	25	0	E	3	0	*	O	34	25	*	-	
	Cuxhaven ...	30.04	34	SE	1	b	29.99	-0.09	30	28	+2	E	4	bc	*	b	37	27	*	-	
	The Helder ...	29.82	38	ESE	3	b	29.84	-0.09	29	28	-5	E	3	b	2	b	43	28	*	-	
	Brussels ...	*	*	*	*	*	29.75	-1.3	35	32	-6	E	2	C	*	C	52	34	*	-	
	Berlin ...	30.02	32	E	3	b	29.99	-1.5	25	24	-4	SE	2	b	*	b	37	23	*	-	
GERMANY, &c.	Frankfurt ...	29.89	38	E	2	b	29.86	-1.5	30	28	+1	E	2	b	*	b	48	29	*	-	
	Munich ...	29.85	27	SE	3	b	29.80	-1.4	22	22	+5	SE	4	f	*	b	37	16	*	-	
	C. Gris Nez ...	29.69	45	SSE	3	r	29.66	-0.08	42	41	-2	SE	3	0	2	+	48	39	*	0.24	
	Brest ...	29.54	50	SSE	2	O	29.54	-0.01	46	46	-2	SE	2	m	5	O	54	46	*	-	
	Lorient ...	29.57	48	SE	3	O	29.57	-0.02	48	48	0	ESE	2	m	5	O	55	45	*	-	
	Rochefort ...	29.58	55	SSE	2	O	29.63	-0.06	48	47	0	WNW	3	m	*	O	59	45	*	0.12	
	Biarritz ...	29.58	55	SSE	2	f	29.71	0.00	52	48	-6	SSW	4	bc	4	f	63	50	*	0.08	
	Paris ...	29.70	46	SE	2	O	29.65	-1.2	43	43	+1	ENE	2	0	*	O	51	42	*	0.55	
FRANCE.	Belfort ...	29.77	40	ENE	4	m	29.70	-2.1	32	30	-2	ENE	4	m	*	m	47	32	*	-	
	Lyons ...	29.75	49	S	4	O	29.68	-2.1	42	41	-5	E	1	+	*	O	55	41	*	0.20	
	Nice ...	29.89	46	Z	0	O	29.62	-1.40	44	43	+2	E	3	+	3	O	54	41	*	0.24	
	Perpignan ...	29.58	54	S	4	O	29.63	-1.6	53	47	+8	NW	4	0	*	O	64	45	*	-	
	Corunna ...	29.92	55	SW	4	O	29.82	+1.14	57	57	+2	SW	6	+	*	O	59	54	*	0.95	
	Lisbon ...	29.74	61	SW	5	O	29.68	-2.06	61	59	+1	SW	5	m	6	O	63	60	*	0.04	
	Azores (P. Delgada) ...	29.74	61	SW	5	O	29.68	-2.06	61	59	+1	SW	5	m	6	O	63	60	*	0.04	
	Azores (P. Delgada) ...	29.74	61	SW	5	O	29.68	-2.06	61	59	+1	SW	5	m	6	O	63	60	*	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. n.c. = not clear. + Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

1902 FOR Tuesday, 25th February, 1902

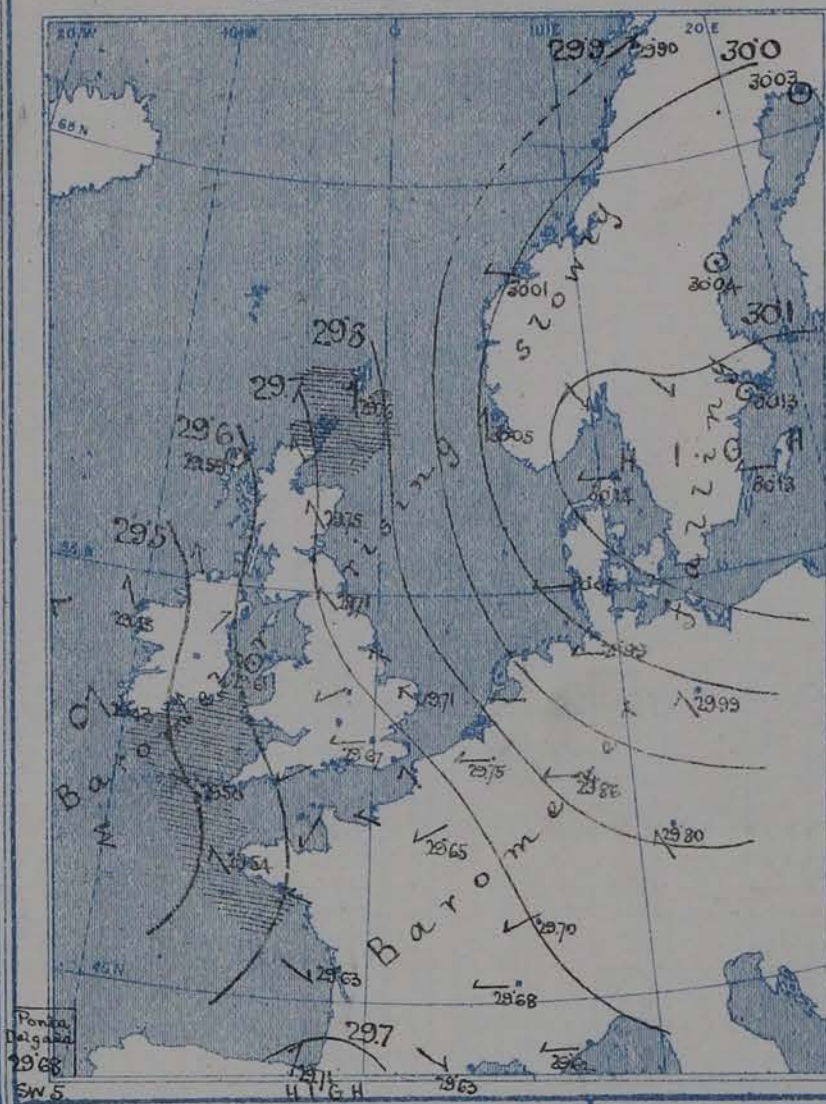
I. BAROMETER, WIND AND SEA. This Morning.

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°.

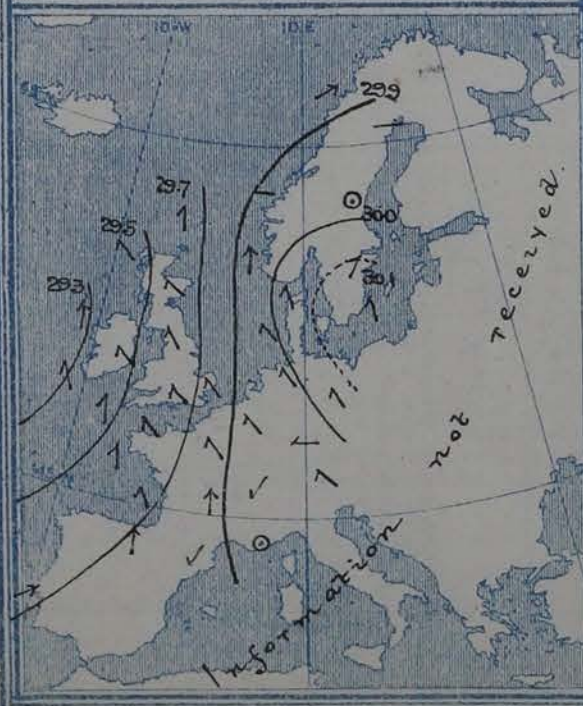
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

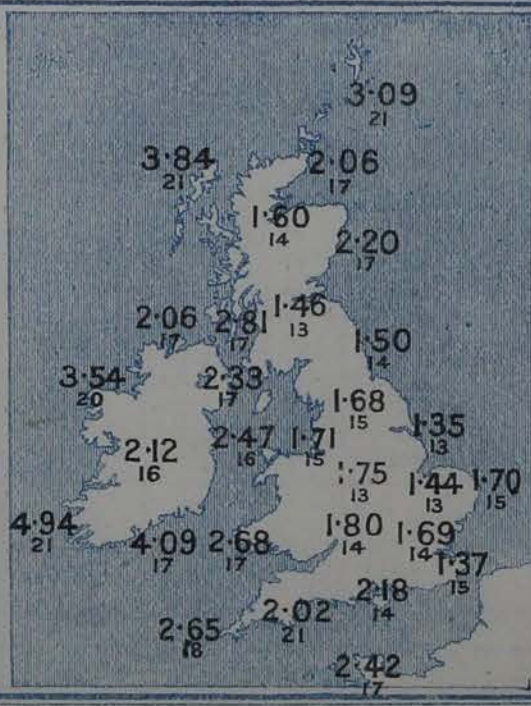
Yesterday morning.



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

Specimen { RAINFALL 1.50
(for Shields) { RAIN DAYS 14

Mullinthead & Blacksod & Belmullet Values are for only 15 hrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

FEBRUARY-MARCH (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The general distribution of pressure remains practically unchanged, the barometer being highest, 30.1 ins. and upwards, over the Baltic and the south of Sweden, and lowest, 29.45 ins. or rather less, in the west of Ireland. A shallow secondary low pressure system has, however, advanced over France from the south-westward and in the east of that country, as well as in Germany, Denmark and the south of Sweden the barometer is falling. In nearly all other parts of our area a slight rise is in progress.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to moderate from the Eastward over Denmark, the Netherlands, Western Germany and the south of England and from the South-eastward in Ireland and the northern parts of Great Britain. At some of the western and southern stations in France the wind, in the rear of the secondary low pressure system, has veered to the westward or north-westward; in Sweden it is calm or variable. Temperature has fallen slightly in most places, but in our islands & France it is still above the average, the morning readings being above 40° at all but our east coast stations, and above 45° on our extreme west and south-west coasts; in the south of France the readings are above 50°. Frost still prevails in Sweden, Denmark and Germany, the lowest temperatures reported being 8° at Haparanda and 16° at Stockholm. The weather is cloudy or dull over western Europe generally, with rain in many parts of the United Kingdom; fog prevails over the English Channel and at some of the Swedish stations and mist in several other localities. Over Germany and the Netherlands the weather is mostly fair. The sea is rough off the north of Scotland and rather rough on our south-west coasts and off the north-west of France; moderate or slight elsewhere.

During yesterday the thermometer rose to 50° and upwards at several of our western and northern stations and to 56° at Portsmouth; on the east coast of England it scarcely exceeded 40°. Over Great Britain as a whole there was a complete absence of bright sunshine, but on our south-west coasts and in Ireland some fairly large amounts were registered, the largest reported being 4.6 hrs. at Filly. Rain again fell in nearly all parts of the United Kingdom and also in the north and west of France.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any very decided change. The barometrical movements, though slight, are in favour of a greater uniformity in pressure and fog or mist is therefore probable in many districts. The shallow cyclonic system over France will probably disperse.

FORECASTS *

For the 24 hours ending at NOON on 26th February, 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	SE ³ winds, moderate; dull, unsettled. Some rain. Rather colder.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Light breezes, chiefly E ³ ; unsettled, foggy or misty in most places, but tending to improve.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	E ³ and SE ³ winds, light; cloudy, slight rain in places.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	E ³ winds, light or moderate; foggy or misty, rain in places.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	SE ³ winds, moderate; changeable, some showers.

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.	Ses.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	c, 0	41 38	0.2	0.12
Newton Reigny (Penrith) ...	29.59	43	SE 2	+	29.67	+0.09	40	39	-5	SE 3	c	ogr, cm	46 38	0.0	0.41
Bath	29.61	46	SE 1	0	29.64	+0.06	44	43	-2	SE 1	0	0	50 43	0.0	0.00

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	om	0.0	0.20	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	47	44	0	0.0	0.55	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	*	*	?	0.0	*	Rhyl	*	*	*	0.0	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m. ...	50	45	ot, 0	0.0	0.23
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m. ...	51	43	ot	0.0	0.32
Brighton	*	*	*	0.0	*	Darwen, 9 p.m. ...	47	42	ot	0.0	0.59

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>Information not rec'd</i>			Ins.	Algiers	<i>Information not rec'd</i>			Ins.	
Madrid					Tunis... ..					
Corsica (I. Sanguinaires) ...					Vienha					
Rome '					St. Petersburg... ..					
Florence					23 Feb -/02	1 p.m.				Measured 7 a.m.
Trieste					Lugano	—				
Brindisi... ..					Davos	—				
Naples					Lucerne	—				
Palermo					Lausanne	—				
					<i>Information not rec'd</i>					

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 Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	h. m.	h. m.	h. m.
Yarmouth	6.51	12.6	5.21
Greenwich	6.56	12.13	5.30
Wick	7.21	12.25	5.29
Valencia	7.39	12.54	6.10

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 26th February

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.)			Max.	Min.			
																					Ins.
SCANDINAVIA.	Haparanda ...	30.05	27	Z	0	0	30.17	+14	25	24	+17	S	1	0	*	0	27	5	*	0.04	
	Hernösand ...	30.01	33	Z	0	0	30.13	+09	30	30	+3	Z	0	f	*	0	36	21	*	—	
	Stockholm ...	30.13	25	Z	0	0	30.13	.00	26	26	+10	Z	0	f	*	0	27	16	*	—	
	Wisby ...	30.09	30	S	2	0	30.00	-13	28	27	+5	E	4	0	*	0	36	21	*	—	
	Karlstad...	30.10	27	NE	2	0	30.14	+04	25	24	-2	ENE	2	0	*	0	*	*	*	—	
	Færder (X'ania Fjord)	30.05	30	E	2	0	30.07	-04	28	26	-1	ENE	2	0	1	0	30	28	*	—	
	Bodö ...	29.99	40	SSW	2	0	29.97	+07	38	36	-3	E	2	0	1	0	41	36	*	0.16	
	Christiansund ...	30.01	36	ENE	1	6	29.97	-04	36	35	-5	Z	0	c	3	6	41	32	*	—	
	Skudesnaes ...	30.03	34	S	4	6	30.01	-04	32	31	-1	S	4	0	3	6	36	32	*	—	
	Sumburgh Head	29.76	41	S	4	0	29.78	+02	37	35	-3	SSE	4	0	6	0	42	36	*	—	
Stornoway ...	29.62	46	SSE	1	0	29.57	-02	40	40	-5	Z	0	f	0	6.0	50	37	0.7	—		
Malin Head ...	29.54	46	SE	5	bc	29.43	-08	41	40	-4	E	6	0	3	0.6	49	40	*	—		
Blacksod Pt. ...	29.47	48	SE	4	cmp	29.29	-16	47	45	0	SE	5	cmp	4	0	49	46	*	0.10		
Valencia...	29.41	50	ESE	3	0	29.12	-31	50	48	+2	ESE	5	cmp	4	0	53	47	0.2	0.07		
BRITISH ISLANDS.	Roche's Point ...	29.48	46	SE	5	df	29.28	-23	47	46	0	SE	7	+	5	2.4	47	45	*	0.15	
	Parsonstown ...	29.53	47	SE	2	0	29.34	-18	46	44	-1	ESE	3	0	*	0	50	45	0.1	0.02	
	Donaghadee ...	29.62	44	SE	3	0	29.54	-07	40	39	-4	SE	4	0	4	0	46	38	*	—	
	Liverpool Obsy.	29.65	43	ESE	3	m	29.59	-08	35	34	-9	E	3	c	3	f, m	47	35	*	0.06	
	Holyhead ...	29.58	46	ENE	1	cm	29.49	-12	41	40	-2	ENE	2	cm	1	bc, m	50	40	*	—	
	Pembroke (St. Ann's)	29.52	46	SE	5	0	29.39	-19	43	43	0	ESE	5	mg	5	0	46	42	2.6	0.06	
	Scilly (St. Mary's)...	29.47	48	SSE	4	of	29.31	-19	49	49	0	SSE	5	f	5	0. f	50	47	0.0	0.01	
	Jersey (St. Aubins)...	29.58	50	E	2	cg, m	29.53	-08	45	44	+1	ESE	3	cm	3	c, g, m	51	43	0.2	—	
	Portland Bill ...	29.60	42	E	4	om	29.52	-10	43	43	0	E	3	f	3	f, om	45	42	*	0.08	
	Dungeness ...	29.66	42	E	2	0	29.63	-03	41	40	-1	ESE	2	c	2	0	45	40	*	—	
GERMANY, &c.	Wick ...	29.70	38	SE	4	0	29.69	+03	38	36	-4	SE	5	0	6	0	44	36	*	0.04	
	Nairn ...	29.67	44	SSE	2	c	29.64	+01	37	34	-6	SE	1	bc	1	c	51	34	*	—	
	Aberdeen ...	29.78	40	SSE	3	0	29.75	.00	38	35	-2	SE	3	c	3	0	41	36	0.0	0.02	
	Leith ...	29.69	44	ENE	1	0	29.68	+02	34	32	-9	E	1	c	*	0	46	32	*	0.01	
	North Shields ...	29.74	39	ESE	3	0	29.71	.00	38	36	-2	ESE	3	c	3	0	41	34	*	—	
	Spurn Head ...	29.71	38	ESE	5	bc	29.68	-03	37	35	-2	ESE	5	c	5	bc	41	35	*	—	
	Yarmouth ...	29.71	38	ESE	5	c	29.68	-03	36	35	-2	ESE	5	bc	5	bc	40	35	*	—	
	Loughborough ...	29.69	46	E	2	0	29.66	-03	34	33	-8	ESE	3	om	*	f, p, o, b, o	46	34	*	0.08	
	Oxford ...	29.67	43	E	1	+	29.60	-07	38	37	-5	ENE	2	0	*	r, dp	47	37	*	0.04	
	London (Brixton)	29.66	42	E	2	0	29.62	-05	38	37	-5	E	3	0	*	0. c	49	37	0.3	0.07	
FRANCE.	The Scaw (Skagen)	30.06	26	E	1	m	30.04	-10	27	27	+1	E	1	0	0	m	27	25	*	—	
	Fanø ...	30.01	25	ENE	2	b	29.96	-09	28	27	+2	ENE	2	0	*	b	32	25	*	—	
	Cuxhaven ...	29.95	33	E	2	b	29.93	-06	26	25	-4	E	2	b	*	b	34	25	*	—	
	The Helder ...	29.79	34	E	2	b	29.79	-05	30	28	+1	E	2	b	7	bc	36	28	*	—	
	Brussels...	*	*	*	*	*	29.71	-04	31	27	-4	SE	2	b	*	b	50	29	*	—	
	Berlin ...	29.95	28	SE	2	b	29.92	-07	19	19	-6	NW	2	f	*	b	32	18	*	—	
	Frankfurt ...	29.83	33	E	2	b	29.83	-03	28	26	-2	E	2	b	*	b	41	28	*	—	
	Munich ...	29.78	20	E	3	b	29.78	-02	20	20	-2	NE	3	c	*	b	27	16	*	—	
SPAN. PEN.	C. Gris Nez ...	29.70	45	SE	2	m	29.67	+01	36	35	-6	SE	3	m	2	m	45	34	*	—	
	Brest ...	29.53	48	SE	3	0	29.48	-06	46	46	0	SSE	3	f	4	0	54	46	*	0.04	
	Lorient ...	29.57	48	S	2	f	29.50	-07	48	48	0	SW	2	0	5	f	55	45	*	0.08	
	Rochefort ...	29.67	49	SW	2	c	29.63	-00	48	47	0	WSW	3	c	*	c	57	43	*	0.04	
	Biarritz ...	29.66	56	S	2	r	29.69	-02	51	48	-1	E	3	c	3	+	59	50	*	0.20	
	Paris ...	29.66	46	E	2	0	29.65	.00	41	40	-2	ENE	2	0	*	0	50	41	*	0.04	
	Belfort ...	29.68	36	ENE	5	m	29.72	+02	30	29	-2	ENE	3	m	*	m	42	30	*	—	
	Lyons ...	29.66	47	S	1	0	29.73	+05	44	44	+2	SW	1	0	*	0	50	42	*	0.04	
Nice ...	29.62	47	SE	1	0	29.65	+03	45	42	+1	Z	0	b	3	0	50	43	*	0.28		
Perpignan ...	29.66	54	SE	2	0	29.73	+10	50	48	-3	SW	2	0	*	0	64	45	*	—		

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, 26th February, 1902

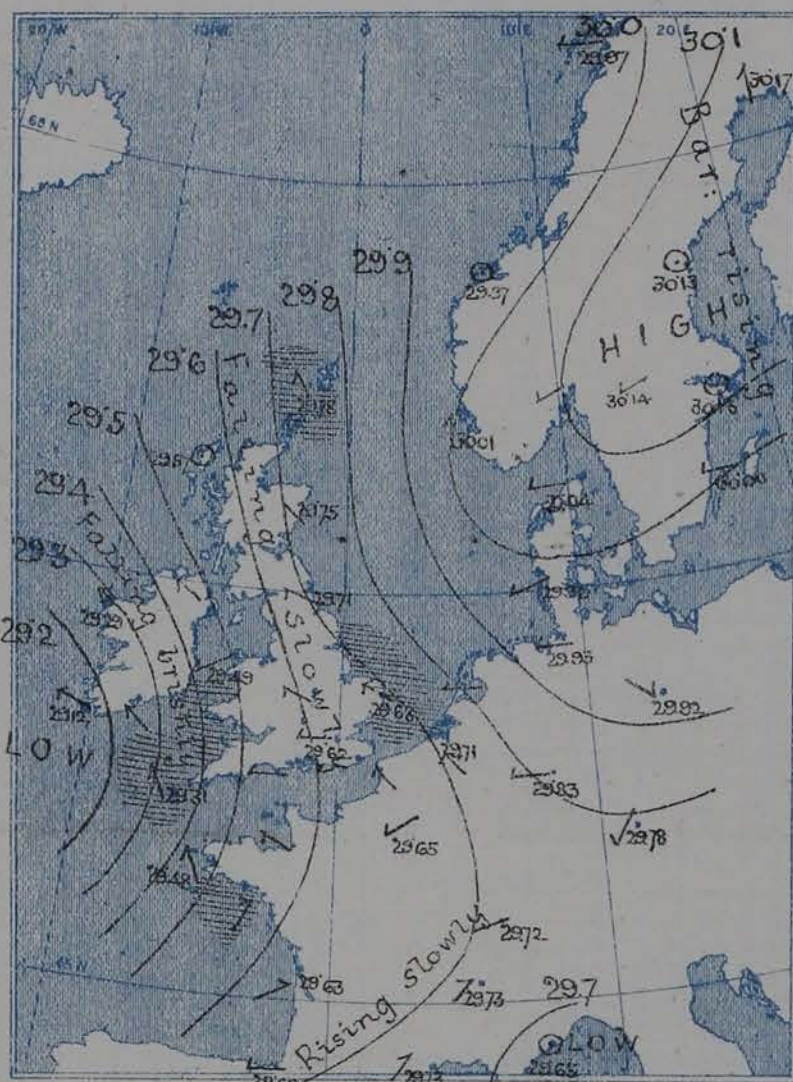
I. BAROMETER, WIND AND SEA. This Morning.

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

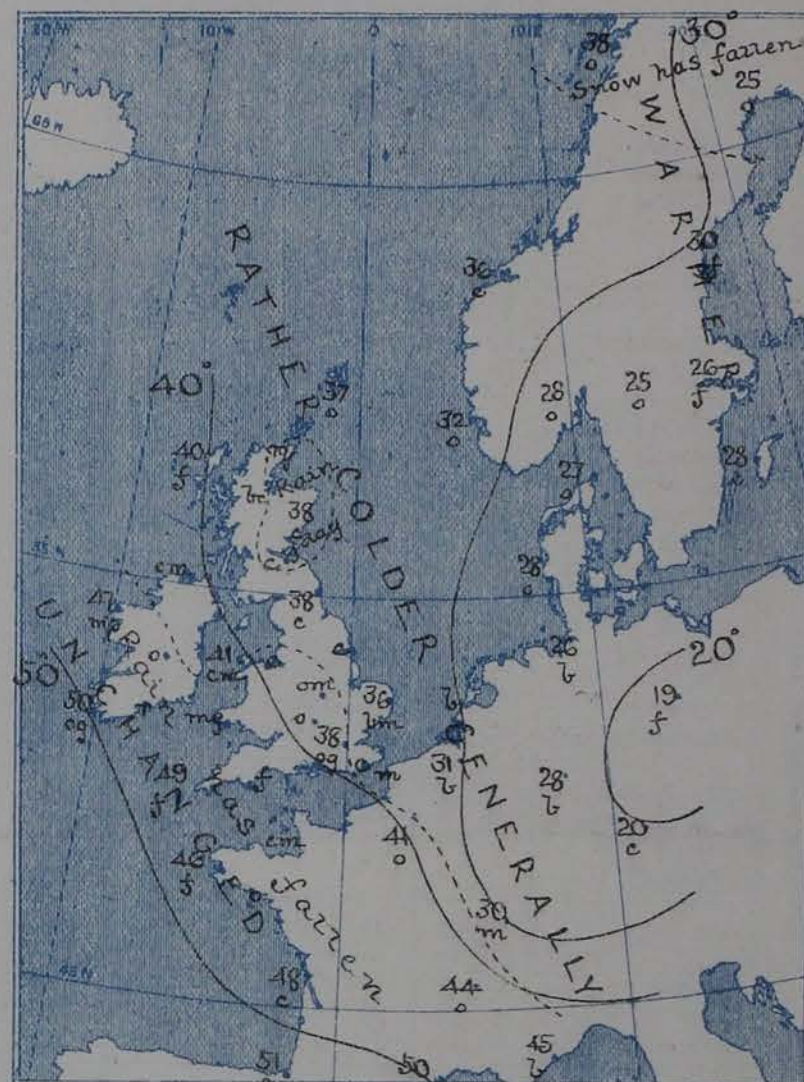


II TEMPERATURE AND WEATHER. This Morning.

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 FEBRUARY (1871-1900)

Specimen { RAINFALL 1.50
(for Shields) { RAIN DAYS 14

Malin Head & Blacksod: Belmullet Values are for only 15 yrs



V Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

FEBRUARY-MARCH (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A new cyclonic system, with minimum readings below 29.2 in. has appeared off the south-west of Ireland and the barometer is again falling over the whole of our islands and the neighbouring parts of the Continent - briskly in the extreme west. The highest pressures, 30.1 in. and upwards, are found in an anticyclone lying over Sweden, in which country the mercury is rising slightly.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light from the Eastward over Denmark, the Netherlands, Western Germany, the north of France and the south of England, but is S.E. in all the more western and northern parts of the United Kingdom, the latter breeze being fresh in force in many places and strong at some of the Irish stations. In the west and south of France the wind is variable or light from the S.W. Temperature has fallen over western Europe generally, but has scarcely changed in the south-west of our islands and the west of France, the readings in those localities being still above the average. In other parts of the United Kingdom the thermometer is at, or slightly below, its normal level for the time of year, the lowest readings reported being 33° at Newton Reigny (Pessin) and 34° at Leith and Loughborough. Frost is general over Sweden, Denmark, Germany and the Netherlands and is rather severe in Germany, the morning readings being as low as 19° at Berlin and 20° at Munich. The weather is fine over Germany, the Netherlands and the east coast of England, but is cloudy or dull elsewhere; fog still prevails in the western parts of the Channel and at some of the Swedish stations and rain is falling at Blackard Point and Rock Point. The sea is rough at Lumborough and rather rough on our east and south-west coasts. During yesterday the thermometer rose to 50° or slightly above it at several of our western and northern stations. The amount of bright sunshine was generally small, but was large at Blandford and on our east coasts; at Lowestoft and Clacton-on-Sea there was 7 hours or more. Slight rain fell in many parts of the United Kingdom and France; a lunar halo was seen at Stornoway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new disturbance in the south-west is likely to spread slowly eastwards and some increase in the strength of the S.E. wind is probable in most places, with gales on our south-west coasts. Rain is likely to set in again over a considerable portion of the United Kingdom.

FORECASTS *

For the 24 hours ending at NOON on 27th February, 1902

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ³ winds, freshening; fair at first, rain or sleet later.	6 { SCOTLAND WEST	E ³ & SE ³ winds, freshening, fair at first, some rain later.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.	E ³ & SE ³ winds, fresh; fair generally.	8 { ENGLAND S.W.	SE ³ winds, increasing to a gale; dull, some rain.
3 { ENGLAND EAST		9 { IRELAND NORTH	E ³ & SE ³ winds, increasing in force; dull, some rain.
4 { MIDLAND COUNTIES	E ³ and SE ³ winds, freshening; fair today, some rain probable tomorrow.	10 { IRELAND SOUTH	Same as no. 8.
5 { ENGLAND SOUTH		WARNINGS At 9.50 am. to districts 8 & 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.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c.b	*	b	41	36	7.0	—
Newton Reigny (Penrith)	29.67	40	ESE 3	0	29.64	-.03	33	31	-7	SE 4	c	*	o.c	45	32	1.3	—
Bath	29.60	44	NE 1	0	29.55	-.09	42	41	-2	NE 1	0	*	0	48	40	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.	40	38	og	0.0	0.30	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	44	41	0	0.0	0.11	Llandudno	*	*	*	5.8	*
Lowestoft, 6 p.m.	41	36	b	7.4	—	Rhyl	*	*	*	1.0	*
Hastings	*	*	*	1.6	*	Southport, 9 p.m.	47	42	0	0.0	—
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	46	41	0	0.0	0.28
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	46	38	0	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. F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. F.		WEATHER.	RAIN.	
	Max. °	Min. °				Max. °	Min. °			
Madeira (Funchal)	64	50	r	r	0.08	Algiers	77	59	o , o	0.04
Madrid	50	39	r	r	0.39	Tunis... ..	66	36	bc , o	—
Corsica (I. Sanguinaires) ...	55	39	f	m	0.20	Vienna	30	27	o o	—
Rome	55	50	o	o	—	St. Petersburg... ..	32	18	o o	—
Florence	54	45	o	r	0.28	24 Feb : 1902				Measured 7 a.m.
Trieste	48	39	o	r	0.08	Lugano	45	—	o	—
Brindisi... ..	55	42	bc	b	—	Davos	39	—	b	—
Naples	55	50	o	o	—	Lucerne	41	—	bc	—
Palermo	63	42	bc	o	—	Lausanne	41	—	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); 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 Feb. 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 6.49	h. m. 12.6	h. m. 5.23
Greenwich	6.54	12.13	5.32
Wick	7.18	12.25	5.32
Valencia	7.37	12.54	6.12

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DAILY WEATHER REPORT

for 8 a.m. on Thursday 27th February

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.		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.	Ins.	°	°										
SCANDINAVIA.	Haparanda ...	30.21	27	S	2	c	30.20	+0.3	25	24	0	S	2	o	*	c	30	21	*	—
	Hernösand ...	30.18	25	Z	0	f	30.06	-0.7	23	21	-7	E	2	o	*	f	34	23	*	—
	Stockholm ...	30.00	28	NE	2	o	29.93	-0.20	31	30	+5	E	4	s	*	o	32	19	*	0.04
	Wisby ...	29.90	31	E	4	s	29.88	-1.2	32	31	+4	S	2	s	*	s	36	28	*	0.20
	Karlstad ...	29.97	25	NE	2	c	29.84	-3.0	26	25	+1	NE	2	b	*	c	*	*	*	—
	Färder (X'iania Fjord) ...	29.99	27	N	1	†	29.83	-2.4	27	25	-1	NNE	5	o	2	†	28	25	*	—
	Bodö ...	30.00	37	Z	0	bc	29.91	-0.6	37	34	-1	E	4	b	1	bc	41	36	*	—
	Christiansund ...	29.94	26	ESE	1	b	29.84	-1.3	30	29	-6	Z	0	b	3	b	41	26	*	—
	Skudesnaes ...	29.94	32	Z	0	bc	29.75	-2.6	28	27	-4	E	1	c	2	†	36	27	*	*
	Sumburgh Head ...	29.73	37	SSE	4	o	29.59	-1.9	37	34	0	SE	5	o	6	o	39	35	*	—
BRITISH ISLANDS.	Stornoway ...	29.46	43	SE	4	bc	29.32	-2.5	37	33	-3	SE	7	b	8	o, bc	50	35	3.5	—
	Malin Head ...	29.36	42	E	7	om	28.93	-5.0	40	40	-1	E	9	rgm	6	om	43	37	*	0.06
	Blacksod Pt. ...	29.10	46	ESE	4	rm	28.95	-3.4	43	42	-4	ESE	3	c	3	ofm, rm	48	41	*	0.25
	Valencia ...	29.05	46	ENE	1	c	28.89	-2.3	47	46	-3	SSE	2	cp	3	†, c	50	44	0.0	0.43
	Roche's Point ...	29.02	46	SE	5	†	28.98	-3.0	47	46	0	SSW	5	cp	4	†	47	44	*	1.24
	Parsonstown ...	29.11	44	SE	4	†	28.98	-3.6	43	42	-3	SE	1	c	*	o, †	47	40	0.0	0.40
	Donaghadee ...	29.34	43	SE	5	og	29.07	-4.7	44	44	+4	S	4	otg	4	og	44	34	*	0.25
	Liverpool Obsy. ...	29.37	41	E	5	o	29.20	-3.9	40	39	+5	E	3	o	?	om, †	42	35	*	0.41
	Holyhead ...	29.25	43	E	5	ogf	29.12	-3.7	44	44	+3	SSE	4	dm	3	c, ofg	46	40	*	0.27
	Pembroke (St. Ann's) ...	29.04	44	ESE	7	†	29.12	-2.7	46	44	+3	S	5	c	5	pmg	47	42	0.0	1.26
GERMANY, &c.	Scilly (St. Mary's) ...	29.10	47	WSW	5	†	29.10	-2.1	47	46	-2	S	5	c	4	†	49	45	1.1	0.17
	Jersey (St. Aubins) ...	29.33	48	SE	5	o	29.33	-2.0	46	44	+1	SSW	5	cg	4	o, gp	48	43	0.3	0.10
	Portland Bill ...	29.28	44	ESE	5	†	29.26	-2.6	45	45	+2	SW	4	cp	4	o, †	47	43	*	0.32
	Dungeness ...	29.48	44	SSE	3	o	29.30	-3.3	43	43	+2	W	3	o	2	b, o	47	40	*	0.11
	Wick ...	29.61	39	SE	5	c	29.43	-2.6	38	36	0	SE	5	o	7	c	41	36	*	—
	Nairn ...	29.55	38	ESE	3	c	29.37	-2.7	37	34	0	E	3	c	2	c	44	34	*	—
	Aberdeen ...	29.65	38	SE	5	cg	29.44	-3.1	37	34	-1	SE	5	ogcy	5	bc, cg	42	36	3.8	—
	Leith ...	29.53	37	ESE	3	bc	29.27	-4.1	37	36	+3	E	2	†sp	*	bc	44	33	*	0.01
	North Shields ...	29.56	39	ESE	4	c	29.30	-4.1	37	37	-1	ESE	5	†	4	c, †	40	36	*	0.32
	Spurn Head ...	29.50	38	ESE	5	c	29.27	-4.1	38	38	+1	ESE	5	otu	5	c	40	36	*	0.20
FRANCE.	Yarmouth ...	29.54	37	ESE	5	bc	29.25	-4.3	39	38	+3	SE	2	f	5	b, bc	39	35	*	0.15
	Loughborough ...	29.45	40	E	3	o	29.24	-4.2	40	40	+6	ESE	1	cm	*	o, c, cm	43	34	*	0.26
	Oxford ...	29.34	42	SSE	3	†	29.27	-3.3	42	42	+4	S	2	o	*	c, †	49	37	*	0.14
	London (Brixton) ...	29.45	45	NE	2	og	29.28	-3.4	44	43	+6	SSW	3	c	*	b, o, bc	48	37	1.8	0.12
	The Scaw (Skagen) ...	29.91	28	ENE	3	bc	29.78	-2.6	29	28	+2	ENE	3	o	1	bc	29	27	*	—
	Fanö ...	29.86	26	ENE	2	o	29.70	-2.6	26	24	-2	ENE	3	b	*	o	32	25	*	—
	Cuxhaven ...	29.84	32	E	3	b	29.59	-3.4	26	25	0	ESE	5	b	*	b	34	25	*	—
	The Helder ...	29.65	33	E	2	b	29.39	-4.0	32	31	+2	ESE	2	r	2	b	37	28	*	—
	Brussels ...	*	*	*	*	*	29.35	-3.6	41	41	+10	SSW	2	†	*	b	48	30	*	0.32
	Berlin ...	29.88	31	E	2	b	29.75	-1.7	24	23	+5	ESE	2	b	*	b	34	19	*	—
SPAN. PEN.	Frankfurt ...	29.71	36	E	2	b	29.58	-2.5	35	32	+7	ENE	2	c	*	b	45	28	*	—
	Munich ...	29.75	29	E	2	o	29.66	-1.2	25	24	+5	E	3	b	*	o	30	20	*	—
	C. Gris Nez ...	29.48	48	S	3	o	29.35	-3.2	45	44	+9	SW	2	o	2	o	52	36	*	0.16
	Brest ...	29.34	48	SW	4	c	29.28	-2.0	48	47	+2	SSW	4	bc	5	c	50	46	*	0.28
	Lorient ...	29.36	48	W	4	o	29.36	-1.4	47	47	-1	SW	4	c	5	o	52	43	*	0.24
	Rochefort ...	29.52	54	S	4	o	29.53	-1.0	49	48	+1	WSW	4	o	*	o	55	45	*	0.55
	Biartitz ...	29.56	64	S	4	o	29.63	-0.6	51	50	0	SSW	3	o	2	o	68	50	*	0.12
	Paris ...	29.64	48	SE	2	o	29.39	-2.6	45	45	+4	SW	2	o	*	o	51	41	*	1.10
	Belfort ...	29.64	36	NE	2	m	29.50	-2.2	37	36	+7	ENE	4	o	*	m	38	24	*	—
	Lyons ...	29.64	53	S	1	o	29.52	-2.1	52	47	+8	S	5	o	*	o	60	44	*	—
SPAN. PEN.	Nice ...	29.70	48	SW	1	c	29.78	+1.3	46	45	+1	E	2	r	3	c	57	45	*	0.04
	Perpignan ...	29.65	54	NW	2	b	29.55	-1.8	50	49	0	W	2	o	*	b	66	42	*	—
SPAN. PEN.	Corunna ...																			
	Lisbon ...	29.76	58	SW	6	†	29.78	-0.7	54	53	-5	W	2	o	*	†	59	52	*	0.28
	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 Thursday, 27th February, 1902

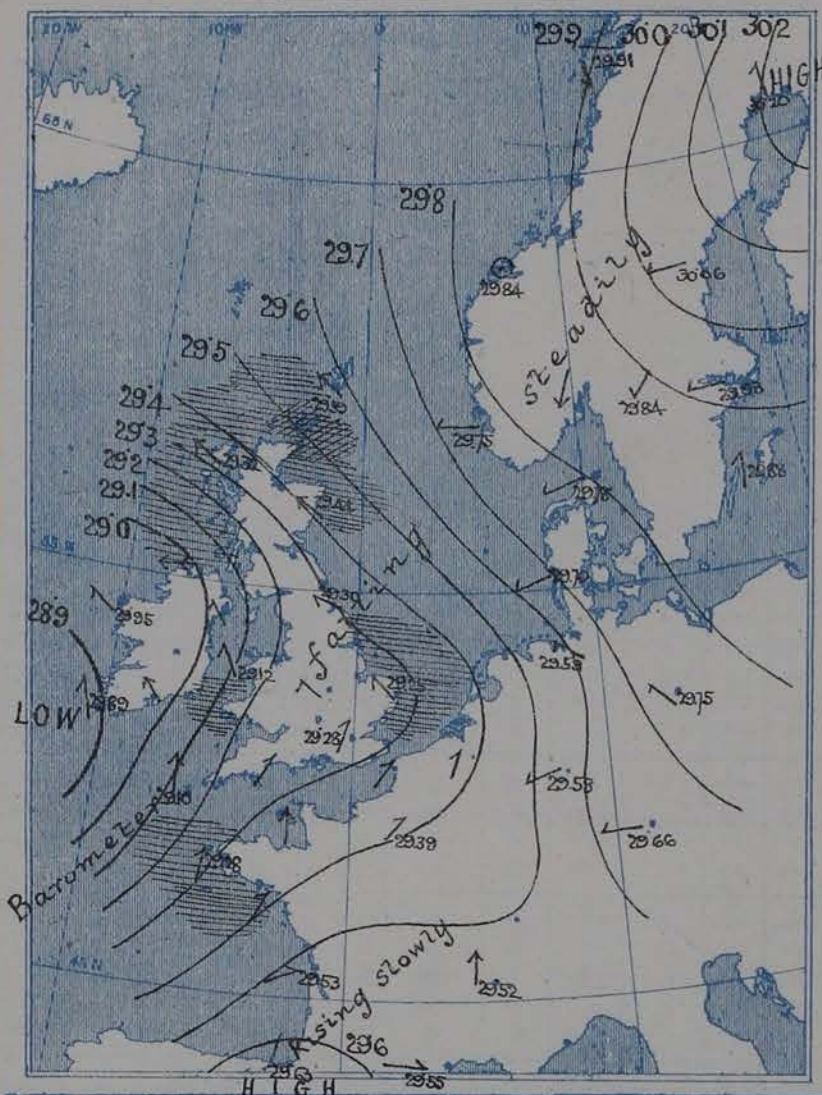
I. BAROMETER, WIND AND SEA. This Morning.

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

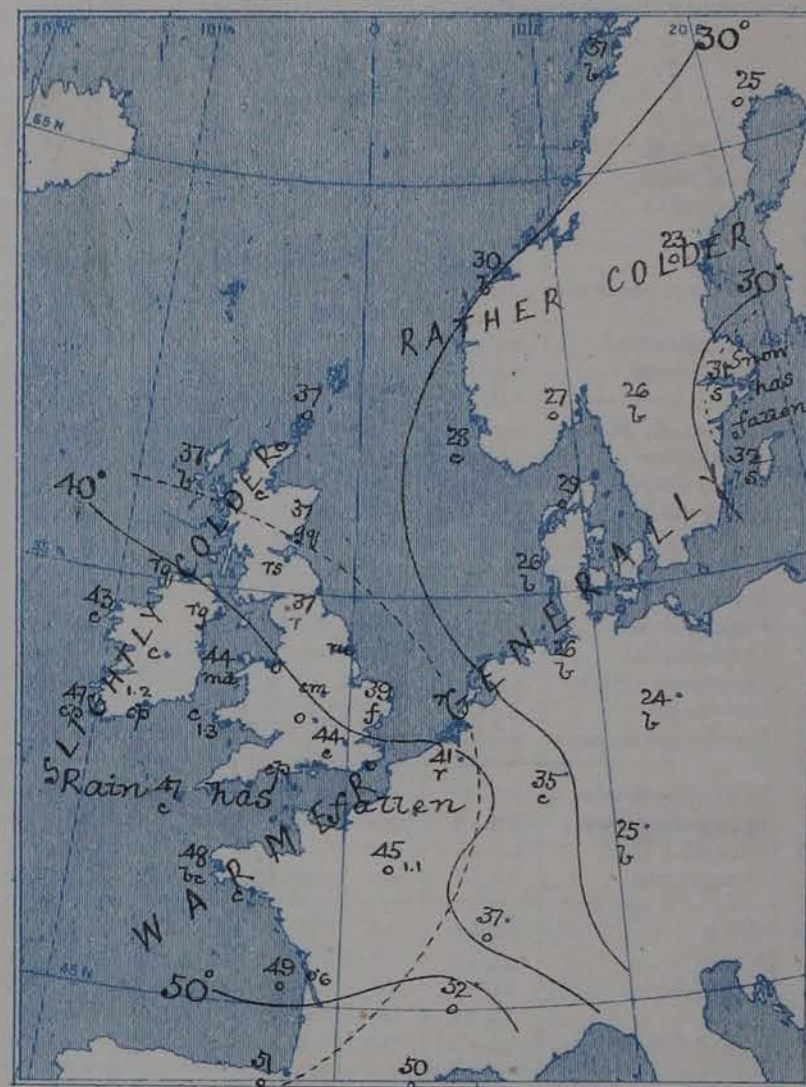


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 6.)

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 FEBRUARY (1871-1900)

Specimen { RAINFALL 1.50
(for Shields) { RAIN DAYS 14

Malin Head & Blacksod & Belmullet Values are for only 15 hrs



V. Means of DAILY TEMPERATURE

at 8 A. M. for the Two monthly period

FEBRUARY-MARCH (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The cyclonic disturbance noticed yesterday morning off the south-west of Ireland has scarcely changed its position, the lowest readings 28.9 inches and less, being still found in that neighbourhood. The system has, however, spread northwards and eastwards and the barometer is still falling in all parts of our area excepting the south-west of France, where a rise has commenced. The highest pressures, 30.2 ins. and upwards, are now found over Lapland.

WIND

TEMPERATURE

WEATHER

AND

SEA

Moderate to fresh breezes from the Southward or South-westward are reported over France and the south of our islands, but in most other parts of Western Europe the wind remains E^{ly} or S.E^{ly} and on our own extreme north-west coasts it is strong to a gale in force. Temperature has risen over England, France, Germany and the Netherlands and is again above the normal in all the more southern parts of our area; on our own south-west coasts and in the west of France the readings are above 45°, while in the south of France they are above 50°. In the north and east of our islands the thermometer is below 40°, while in Scandinavia, Denmark and Germany frost still prevails, the lowest readings reported being 23° at Hernösand, 24° at Berlin and 25° at Haparanda and Murmuk. The weather remains cloudy and unsettled over western Europe as a whole, with rain or passing showers in many parts of the United Kingdom and the Netherlands and with snow at Stockholm and Wisby. In Norway, Denmark and Germany, however, the weather is mostly fine. The sea is high off the north of Scotland and rather rough off the east coasts of Great Britain and the north-west coasts of France, as well as at Pembroke.

During yesterday the thermometer rose to between 45° and 50° at most of our western and southern stations, but failed to exceed 40° on the east coasts of England. The amount of bright sunshine was again large on the east coasts of England (as much as 8.5 hrs. being reported at Lowestoft and Clacton-on-Sea), but was small in all other parts of the Kingdom. Rain fell in all but the most northern parts of our islands, the amount being as large as 1.3 inch at Pembroke and 1.2 inch at Roche's Point.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance in the west is likely for the present to remain almost stationary; small secondary systems will probably be developed over England and France and the weather will therefore remain in a changeable, showery state generally.

FORECASTS *

For the 24 hours ending at NOON on 28th February, 1902

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ^{ly} winds, strong; squally, some cold rain or sleet.	6 { SCOTLAND WEST	E ^{ly} and SE ^{ly} winds, strong in places; unsettled, rain at times.
1 { SCOTLAND EAST	SE ^{ly} winds, fresh; unsettled, rain at times.	7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	S ^{ly} winds, strong in places; unsettled, rain at times.
3 { ENGLAND EAST	Varying S ^{ly} breezes; changeable, some showers.	9 { IRELAND NORTH	Same as Nos 6 & 7.
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	Same as No. 8.
5 { ENGLAND SOUTH	S ^{ly} and SW ^{ly} winds, moderate or fresh; mild, changeable, some showers.	<div style="display: flex; justify-content: space-between;"> <div>WARNINGS</div> <div>At 7.20 pm. to district 7. Hoist North Cone. The South Cone is still flying in districts 8 and 10.</div> </div>	

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 (\blacktriangle), 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.	Rainfall
					Ins.	Change.	Dry.	Wet. °	Change.					Max. °	Min.	Hrs.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	6	*	0	42	37	8.5	0.04
Newton Reigny (Penrith)	29.46	36	SE 5	0	29.23	- .41	35	34	+ 2	ESE 4	ogm	*	c, b, ot, s	40	33	2.6	0.06
Bath	29.36	40	SE 5	+	29.24	- .31	45	44	+ 3	SE 1	0	*	+	48	37	0.0	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.	41	32	o, c	1.4	—	Worthing	*	*	*	0.2	*
Birmingham, 9 p.m.	*	*	*	*	*	Llandudno	*	*	*	0.9	*
Lowestoft, 6 p.m.	39	35	6	8.5	—	Rhyl	*	*	*	?	*
Hastings	*	*	*	4.0	*	Southport, 9 p.m. ...	42	36	0	0.0	—
Eastbourne	*	*	*	3.0	*	Manchester, 9 p.m. ...	43	34	6	0.0	—
Brighton	*	*	*	0.8	*	Darwen, 9 p.m. ...	40	31	6	1.0	—

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)	68	54	bc	0	Algiers	66	55	0	c
Madrid	50	46	r	0.39	Tunis	63	52	f	0
Corsica (I. Sanguinaires) ...	54	41	f	0.27	Vienna	34	23	6	f
Rome	53	44	bc	0.32	St. Petersburg	30	12	0	c
Florence	51	44	r	0.55	25 Feb: -102				
Trieste	48	41	0	0.47	Lugano	46	—	0	—
Brindisi	60	45	0	0.79	Davos	41	—	0	—
Naples	73	48	c	0.79	Lucerne	43	—	bc	0.08
Palermo	67	52	0	0.04	Lausanne	43	—	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.

27 Feb: 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.47	12.6	5.25
Greenwich	6.53	12.43	5.33
Wick	7.16	12.25	5.34
Valencia	7.35	12.54	6.13

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 28th February

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.)		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.
SCANDINAVIA.	Haparanda ...	29.09	18	Z	0	0	29.93	-27	21	21	-4	SW	4	S	0	0	41	14	*	0.04		
	Hernösand ...	29.89	28	SE	4	S	29.85	-21	27	27	+4	Z	0	0	0	0	28	21	*	0.28		
	Stockholm ...	29.94	35	Z	0	0	29.78	-15	32	32	+2	ESE	2	S	0	0	35	27	*	0.28		
	Wisby ...	29.87	33	S	2	0	29.74	-14	35	33	+3	S	6	0	0	0	36	25	*	0.04		
	Karlstad ...	29.85	28	NE	2	0	29.71	-13	29	28	+3	NE	2	S	0	0	*	*	*	0.04		
	Färder (X'ania Fjord) ...	29.77	30	E	2	0	29.64	-19	27	27	0	NE	6	S	3	0	30	27	*	—		
	Bodö ...	29.82	37	E	4	b	29.79	-12	28	26	-9	E	4	0	1	6	41	25	*	—		
	Christiansund ...	29.62	33	ESE	2	b	29.64	-20	32	30	+2	ESE	3	0	4	6	36	30	*	—		
BRITISH ISLANDS.	Skudesnaes ...	29.67	33	E	4	b	29.58	-17	32	28	+4	ENE	4	0	2	6	36	28	*	*		
	Sumburgh Head ...	29.53	36	SE	4	0	29.54	-05	36	32	-1	E	3	0	6	0	38	35	*	—		
	Stornoway ...	29.25	39	ESE	6	0	29.32	-00	38	36	+1	SE	7	C	8	0	40	35	3.0	—		
	Malin Head ...	29.03	43	E	6	opq	29.12	+19	41	41	+1	E	6	opq	5	C, opq	48	39	*	0.05		
	Blacksod Pt. ...	28.93	48	ESE	2	cp	29.02	+07	47	45	+4	S	5	cp	4	cp	48	42	*	0.17		
	Valencia ...	28.97	47	SSE	2	cp	29.12	+23	48	45	+1	SSE	5	op	5	op, cp	50	45	1.0	0.45		
	Roche's Point ...	29.02	48	SW	4	C	29.24	+26	47	45	0	WSW	4	b	4	b, c	49	46	*	0.15		
	Parsonstown ...	28.97	47	SE	2	0	29.17	+19	43	42	0	ESE	1	b	*	cp, 0	52	42	3.9	0.46		
GERMANY, &c.	Donaghadee ...	29.10	43	S	6	C	29.14	+07	43	43	-1	S	3	0	3	C, r	45	39	*	0.39		
	Liverpool Obsy. ...	29.18	46	SE	2	0	29.31	+11	43	42	+3	SE	2	C	2	p, 0	51	40	*	0.09		
	Holyhead ...	29.12	46	S	2	cp	29.27	+15	46	45	+2	SW	4	cpm	3	omp, cp	48	43	*	0.24		
	Pembroke (St. Ann's) ...	29.12	47	S	5	C	29.29	+17	47	45	+1	SW	5	bq	5	C	48	45	4.5	0.05		
	Scilly (St. Mary's) ...	29.12	49	SSW	5	C	29.32	+22	48	47	+1	SSW	4	C	4	C	53	46	5.3	0.03		
	Jersey (St. Aubins) ...	29.35	49	SSW	4	cg	29.54	+21	47	45	+1	SSE	3	bm	3	p, cg	54	45	4.6	0.07		
	Portland Bill ...	29.29	45	SSW	3	b	29.45	+19	45	45	0	SSW	3	bc	3	cp, b	49	45	*	0.14		
	Dungeness ...	29.36	44	SW	3	0	29.51	+21	45	44	+2	SW	3	C	3	C, 0, p	48	42	*	0.03		
FRANCE.	Wick ...	29.38	39	SE	5	0	29.41	-02	38	38	0	SE	5	ru	7	0	39	37	*	—		
	Nairn ...	29.33	37	E	3	0	29.36	-01	35	35	-2	ENE	2	C	1	0	38	33	*	—		
	Aberdeen ...	29.38	37	SE	6	ogq	29.40	-04	37	36	0	ESE	4	ogq	6	ogq	38	35	0.0	0.10		
	Leith ...	29.27	37	E	2	0	29.30	+03	38	37	+1	ENE	2	0	*	0	38	35	*	—		
	North Shields ...	29.26	38	ESE	3	od	29.33	+03	40	40	+3	E	2	f	4	od	40	37	*	0.10		
	Spurn Head ...	29.27	41	SE	4	C	29.36	+09	41	41	+3	SSE	3	bc	4	C	44	37	*	—		
	Yarmouth ...	29.28	44	S	3	cm	29.44	+19	45	44	+6	SW	4	bc	4	bc, cm	48	37	*	—		
	Loughborough ...	29.24	47	SE	1	C	29.39	+15	44	43	+4	SSE	1	C	0	C, bc, cp	53	40	*	0.05		
SPAN. PEN.	Oxford ...	29.31	45	SW	2	b	29.44	+17	46	45	+4	S	3	b	*	b, p	52	42	*	0.08		
	London (Brixton) ...	29.30	47	SW	3	cp	29.48	+20	47	45	+3	S	3	0	*	0, p, bc	53	43	1.8	0.03		
	The Scaw (Skagen) ...	29.71	30	E	3	b	29.52	-26	33	33	+4	ESE	3	S	1	b	33	28	*	0.04		
	Fanö ...	29.43	31	E	6	S	29.52	-18	35	35	+9	S	4	0	*	S	36	25	*	0.12		
	Cuxhaven ...	29.42	34	SSE	5	r	29.59	-00	39	38	+13	S	3	0	*	r	39	26	*	0.12		
	The Helder ...	29.35	39	SW	2	f	29.53	+14	43	42	+11	SSW	3	C	2	f	43	32	*	0.35		
	Brussels ...	*	*	*	*	*	29.64	+29	45	44	+4	SSW	3	0	*	0	50	41	*	0.28		
	Berlin ...	29.61	38	SE	3	0	29.76	+01	36	35	+12	S	2	b	*	0	41	24	*	—		
SPAN. PEN.	Frankfurt ...	29.67	40	SW	2	bc	29.77	+19	40	39	+5	W	1	C	*	bc	43	36	*	0.12		
	Munich ...	29.73	39	SW	5	r	29.84	+18	33	33	+8	SE	2	b	*	r	45	25	*	0.04		
	C. Gris Nez ...	29.34	47	SSE	4	C	29.52	+17	45	44	0	SW	5	0	4	C	55	41	*	—		
	Brest ...	29.35	49	SW	5	C	29.47	+19	50	48	+2	SSW	3	bc	5	C	50	48	*	0.04		
	Lorient ...	29.43	48	SW	4	0	29.54	+18	47	47	0	S	4	bc	5	0	54	45	*	0.12		
	Rochefort ...	29.61	50	WSW	4	b	29.63	+10	47	46	-2	ESE	3	0	*	b	54	45	*	—		
	Biarritz ...	29.67	54	NE	2	b	29.59	-04	53	49	+2	SSE	3	C	3	b	63	48	*	—		
	Paris ...	29.52	51	SW	2	b	29.67	+28	41	41	-4	SSE	2	b	*	b	55	41	*	0.04		
SPAN. PEN.	Belfort ...	29.66	43	E	2	C	29.74	+24	38	37	+1	NE	2	C	*	C	48	34	*	0.20		
	Lyons ...	29.71	48	SSW	1	C	29.86	+34	39	39	-13	SE	1	f	*	C	56	35	*	0.08		
	Nice ...	29.74	46	Z	0	r	29.81	+03	47	47	+1	Z	0	r	3	r	48	45	*	0.91		
	Perpignan ...	29.69	56	W	2	0	29.64	+09	51	51	+1	NE	2	0	*	0	65	50	*	—		
SPAN. PEN.	Corunna ...	29.69	55	SSW	3	b	29.44	-34	50	49	-4	SSW	5	r	*	b	59	50	*	0.12		
	Lisbon ...	29.86	51	NW	4	b	29.92	+10	50	46	-3	NNW	4	C	4	b	57	50	*	0.08		

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, 28th February, 1902*

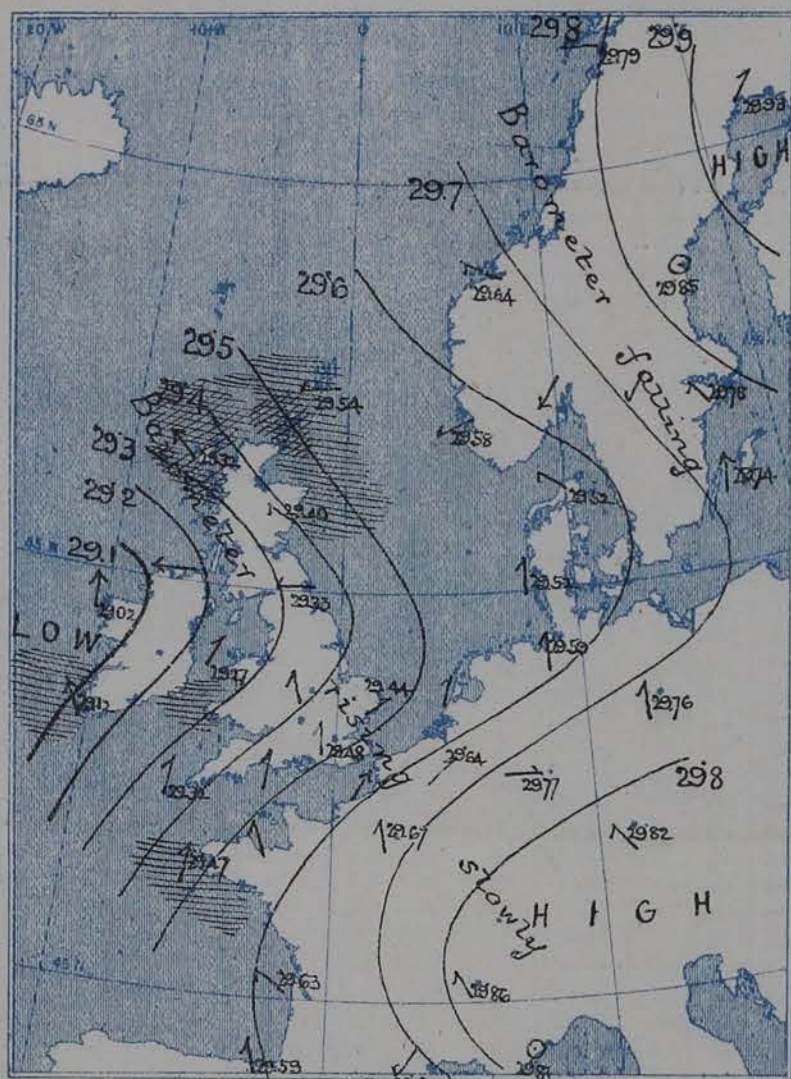
I. BAROMETER, WIND AND SEA. *This Morning.*

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

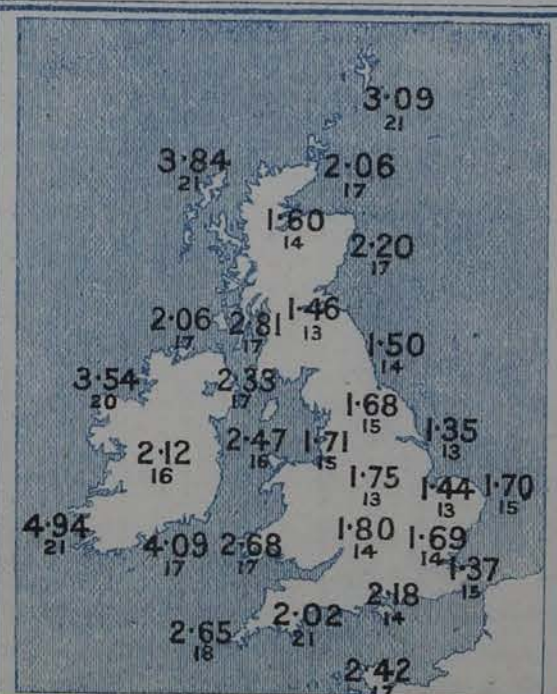
Yesterday morning.



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

Specimen { RAINFALL 1.50
(for Shields) RAIN DAYS 14

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



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

FEBRUARY-MARCH (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A cyclonic system, with minimum pressures below 29.0 ins. is still reported off the west of Ireland. The disturbance is, however, either filling up, or moving away over the Atlantic and the barometer is at present rising in nearly all parts of western Europe. The highest pressures, 29.9 ins. and upwards, are still found over Lapland, but the barometer is falling over the whole of Scandinavia and readings are almost equally high over south Germany and the south-east of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to fresh from the Southward or South-westward in the west and south of our islands and the neighbouring parts of the Continent, but remains S. E. by on all our northern coasts and is strong in force in the west of Scotland and the north of Ireland; in Norway it is moderate to strong from the Eastward or North-eastward. Temperature has risen in most places and is now above 45° at many of our own western and southern stations, the reading in London being about 8° above the average for the time of year. In Scotland the readings are below 40° and are in close agreement with the normal. In Denmark and Germany the frost has given way, but in Scandinavia it still holds, the lowest reading at present reported being 21° at Haparanda. The weather is fair over the greater part of England, France, Germany and the Netherlands, but is showery in the west of Ireland and rainy in the north-east of Scotland as well as at Newton Reigny (Pensith); snow is falling at several of the Scandinavian and Danish stations. The sea is high off the north of Scotland and rather rough off the west of Ireland and the north-west of France as well as at Pembroke.

During yesterday the thermometer rose to 50° and upwards at several of our central and southern stations and to 54° at Jersey. The amount of bright sunshine was generally small, but was rather large at some of our western stations; at Rhye and Scilly there was more than 5 hours. Rain fell at all but a few of our north and east coast stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over northern Europe is giving way, but a new high pressure system is apparently forming over the central parts of the Continent. The distribution is still favourable for the approach of disturbances towards our western coasts and there are some indications of the advance of a small secondary system over Spain. Unsettled rainy weather is therefore likely to set in again shortly over the greater part of these islands.

FORECASTS *

For the 24 hours ending at NOON on 1st March, 1902

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ³ winds, fresh or strong; dull, some rain.	6 { SCOTLAND WEST	Same as No 0.
1 { SCOTLAND EAST	SE ³ winds, moderate; changeable, Some rain. Rather milder.	7 { ENGLAND N.W.	SW ² to S ² or SE ³ winds, fresh; fair at first, some rain later.
2 { ENGLAND N.E.		8 { ENGLAND S.W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	S ² and SE ³ winds, freshening; changeable, some rain.
4 { MIDLAND COUNTIES	S ² to SE ³ winds, moderate or fresh;	10 { IRELAND SOUTH	
5 { ENGLAND SOUTH	fair at first, some rain later.	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 (\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.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c.b	*	b	49	40	3.1	—
Newton Reigny (Penrith)	29.23	36	SE 3	0	29.28	+0.5	38	37	+3	SE 4	+	*	omgr	40	35	0.0	0.07
Bath	29.24	49	SW 6	0	29.43	+1.9	47	45	+2	SW 1	bc	*	0	53	47	3.0	0.18

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	33	om	0.0	0.32	Worthing	*	*	*	3.6	*
Birmingham, 9 p.m.	50	37	c	2.7	0.42	Llandudno	*	*	*	1.6	*
Lowestoft, 6 p.m.	50	38	c	1.0	0.11	Rhyl	*	*	*	5.5	*
Hastings	*	*	*	1.4	*	Southport, 9 p.m.	54	35	c, o, r, b	2.6	0.27
Eastbourne	*	*	*	1.5	*	Manchester, 9 p.m.	52	37	ot	1.0	0.04
Brighton	*	*	*	1.5	*	Darwen, 9 p.m.	47	32	r	1.6	0.25

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	72	50	o - c	—
Madrid	54	39	r o	0.51	Tunis... ..	63	50	bc bc	—
Corsica (I. Sanguinaires) ...	54	45	f f	—	Vienna	36	30	b c	—
Rome	58	42	o c	—	St. Petersburg... ..	32	9	b o	—
Florence	58	42	b b	—	26 Feb -/02		1 p.m.		Measured 7 A.M.
Trieste	52	41	r o	—	Lugano	52	—	b	—
Brindisi... ..	60	49	bc o	0.08	Davos	39	—	o	—
Naples	56	48	b b	0.20	Lucerne	39	—	o	0.04
Palermo	59	51	c b	—	Lausanne	43	—	bc	0.04

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 Feb., 1902	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.45	12.6	5.27
Greenwich	6.51	12.13	5.35
Wick	7.14	12.25	5.36
Valencia	7.33	12.54	6.15

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.			BAROMETER.	TEMPERATURE.				WIND.						TEMP.														
								At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).							Weather.	At 82° Fabr. and M.S.L.	Change since Yesterday.			Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	Weather.	Max.	Min.
		Ins.	°				Ins.	Ins.	°	°	°									Hours.	Ins.											
1.	Corunna	30.25	45	NNE	4	0	30.10	-23	41	38	9	E	1	f	3	0	48	37	-	0.04												
"	P. Delgada	29.72	54	NE	1	m	29.59	-17	57	53	+4	SE	5	0	5	m	61	52	-	0.04												
2	Newton Reigny	30.74	37	NE	5	bc	30.49	-41	37	35	+2	NE	5	c	-	c, 39, r	39	35	3.0	0.04												
3	The Helder	-	-	-	-	-	30.12	-22	32	31	+5	ENE	4	0	4	-	-	27	-	-	-											
"	Brussels	-	-	-	-	-	30.04	-11	28	28	+1	Z	0	bc	-	0	32	27	-	-	-											
"	C. Gris Nez	30.04	37	ENE	5	c	30.01	-10	34	33	+7	ENE	3	m	4	c	36	27	-	-	-											
"	Brest	29.89	33	ENE	4	c	29.95	+0.6	32	30	-2	E	2	c	2	c	39	28	-	-	-											
"	Lorient	29.90	34	ENE	4	bc	29.94	+0.4	30	30	0	NE	4	0	3	bc	39	28	-	-	-											
"	Biarritz	29.86	35	E	1	0	29.93	+11	34	?	+7	SSE	2	bc	1	0	34	27	-	-	-											
"	Paris	29.96	30	N	2	0	29.99	-0.1	19	19	-8	NNE	2	?	-	0	33	17	-	0.08	-											
"	Belfort	29.95	27	ENE	2	m	30.01	+0.8	22	21	-2	ENE	4	bc	-	m	33	20	-	0.19	-											
"	Lyons	30.00	26	NNW	1	?	30.00	+0.4	28	28	+6	NW	1	0	-	?	36	22	-	-	-											
"	Nice	29.99	38	E	1	c	30.04	+3.2	40	36	+8	ENE	3	0	4	c	41	32	-	0.20	-											
"	Perpignan	29.80	41	S	2	0	29.88	+0.6	36	33	+4	W	1	0	-	0	44	32	-	-	-											
"	Corunna	30.02	42	NE	1	?	30.17	?	38	32	?	E	1	f	2	?	66	?	-	-	-											
"	Lisbon	29.86	47	N	2	0	29.58	-12	57	56	+14	SW	6	0	-	0	50	43	-	2.05	-											
"	P. Delgada	29.47	56	SW	4	?	29.41	+0.4	55	50	-2	S	3	r	5	?	61	55	-	-	-											
4.	Biarritz	29.92	39	SSE	1	0	29.97	+0.4	35	?	+1	E	2	0	0	0	45	34	-	-	-											
"	Corunna	30.18	45	E	1	f	30.17	00	46	40	+8	E	1	?	2	f	45	34	-	-	-											
"	P. Delgada	29.28	56	SE	4	0	29.19	-22	53	49	-2	NW	2	c	3	0	59	52	-	-	-											
5.	Lisbon	29.66	58	SSW	5	bc	29.64	+0.5	58	57	+10	SSE	5	0	-	bc	59	49	-	0.20	-											
"	P. Delgada	29.13	58	E	3	bc	29.17	+0.4	56	54	+8	NNW	2	0	2	bc	61	53	-	-	-											
6.	Lisbon	29.49	60	SSW	7	0	29.76	+12	58	57	-1	S	6	0	-	0	61	57	-	0.20	-											
"	P. Delgada	29.31	57	W	3	?	29.43	+2.6	56	53	0	SW	4	bc	4	?	63	55	-	0.08	-											
7.	Corunna	29.50	59	SW	3	r	29.62	?	58	55	?	SW	3	c	4	r	61	52	-	0.20	-											
"	Lisbon	29.78	59	SSW	6	c	29.87	+11	57	56	-1	SW	5	?	-	c	61	57	-	0.35	-											
8.	Corunna	30.02	59	SW	3	0	30.01	+3.9	54	48	-4	SW	1	?	2	c	61	46	-	0.89	-											
"	Lisbon	30.05	59	WSW	6	?	30.17	+3.0	57	55	0	SW	5	0	-	?	61	54	-	0.12	-											
"	P. Delgada	29.84	61	SSW	5	r	29.86	00	61	60	+1	WSW	5	f	5	r	62	59	-	0.16	-											
9.	Corunna	29.94	54	SW	3	0	29.65	-36	48	46	-6	NNW	6	r	6	0	55	48	-	0.12	-											
"	Newton Reigny	29.43	27	Z	0	c	29.39	+0.0	24	23	-5	WNW	3	c	-	05, 9, m	34	10	0.0	0.02	-											
10.	Jersey	29.59	38	NNE	1	bc	29.50	-0.3	35	34	-4	NW	3	0	3	bc, 3, m	43	30	5.4	0.16	-											
"	Corunna	29.69	50	NNW	4	0	29.58	-0.7	48	45	0	SW	4	0	5	0	59	46	-	0.12	-											
"	Lisbon	30.00	53	WSW	2	bc	29.88	-0.8	54	53	-3	SSW	3	c	-	bc	59	50	-	0.10	-											
"	P. Delgada	29.97	59	WNW	3	c	29.86	-1.3	57	56	-3	W	1	m	3	c	63	55	-	-	-											
11.	Jersey	29.67	38	NW	4	bc	29.86	+5.5	29	27	-6	SW	2	?	2	c, 3, c	42	28	3.0	0.12	-											
"	P. Delgada	29.56	60	WSW	5	bc	29.53	-3.3	57	52	0	WNW	5	bc	5	bc	63	55	-	0.04	-											
12.	Jersey	29.89	40	SW	3	?	29.92	+0.7	37	34	+8	NE	2	?	2	bc	46	29	9.1	-	-											
"	P. Delgada	30.04	55	NW	4	c	30.07	+8.4	56	?	-1	WNW	4	0	5	c	57	50	-	0.04	-											
13.	Malin Head	29.95	34	W	2	c	30.00	+1.0	31	31	-3	SW	2	bc	2	bc, s	40	30	-	0.25	-											
"	Jersey	29.86	39	ENE	4	bc	29.85	-0.7	37	34	0	ENE	4	bc	3	bc	43	35	8.7	-	-											
"	Corunna	29.38	61	ESE	1	bc	29.54	?	52	49	?	E	1	bc	3	bc	61	46	-	-	-											
"	Lisbon	29.44	56	WSW	6	0	29.69	+2.2	56	52	-1	WSW	6	bc	-	0	59	54	-	0.67	-											
14.	P. Delgada	29.80	55	NE	3	?	29.82	-2.5	56	54	0	S	4	0	4	?	63	50	-	-	-											
"	Jersey	29.90	38	ENE	3	0	30.05	+2.0	36	33	-1	ENE	3	0	3	0, m	41	34	0.2	0.05	-											
"	Lorient	29.86	37	NE	6	0	30.01	+2.8	36	?	+1	NNE	4	0	3	0	41	28	-	-	-											
"	Lisbon	29.87	55	WNW	4	?	29.93	+2.4	53	51	-3	Z	0	c	-	?	57	52	-	0.04	-											
"	P. Delgada	29.89	58	W	4	c	30.05	+2.3	58	56	+2	W	4	m	4	c	63	54	-	0.04	-											
15.	Jersey	30.14	37	N	3	bc	30.28	+2.3	40	37	+4	NNW	3	c	3	bc, 9, h, p	41	32	4.0	0.01	-											
"	Nice	29.64	48	SW	1	0	29.66	+0.4	41	?	0	Z	0	c	2	0	55	39	-	-	-											
"	Corunna	30.04	50	E	2	?	30.33	?	41	37	?	E	1	f	3	?	50	36	-	-	-											
"	P. Delgada	30.12	61	SSW	4	m	30.09	+0.4	60	59	+2	SW	3	f	4	m	63	58	-	0.04	-											
16.	Jersey	30.30	42	NNW	3	c	30.33	+0.5	27	25	-13	SW	2	?	2	bc, h, p, s	45	26	6.3	0.02	-											
"	Newton Reigny	30.27	33	Z	0	bc	30.20	-11	32	31	+20	S	2	c	-	bc	42	12	8.2	-	-											
18.	Fano	30.19	31	ESE	4	0	30.22	-0.1	30	30	+9	ESE	3	m	-	0	32	21	-	-	-											
"	Corunna	30.01	55	NNW	3	0	30.17	?	45	42	?	SSW	3	c	3	0	57	39	-	-	-											
"	Lisbon	30.28	52	WNW	3	0	30.24	+12	50	48	-5	Z	0	m	-	0	59	48	-	-	-											
"	P. Delgada	30.11	59	WNW	4	0	30.22	+0.9	54	49	-5	NNW	3	bc	5	0	62	54	-	-	-											
19.	Corunna	30.05	55	S	4	bc	29.86	-31	48	36	+3	S	1	r	5	bc	57	45	-	0.32	-											
20.	Corunna	29.74	48	S	1	r	29.86	00	48	46	0	NW	1	0	6	r	50	43	-	0.39	-											
"	Lisbon	29.84	46	SSW	1	0	29.86	-0.5	49	47	0	WNW	4	0	-	0	54	45	-	0.55	-											
"	P. Delgada	30.32	57	WSW	3	0	30.23	-12	59	56	+5	SW	5	0	4	0	61	54	-	-	-											
21.	Corunna	29.97	52	SE	3	0	30.03	+1.9	45	43	-3	NNE	1	c	6	0	54	41	-	-	-											
22.	Lyons	30.16	42	N	1	?	30.21	+0.1	29	?	-6	NNE	1	f	-	?	46	27	-	-	-											
"	Corunna	30.05	55	NNE	1	0	29.86	-1.9	54	52	+9	SSE	3	0	3	0	57	45	-	0.24	-											
23.	Lisbon	30.14	53	SE	2	c	30.07	-0.1	54	54	+3	SSW	3	0	-	c	57	51	-	-	-											
24.	Newton Reigny	29.72	39	SSE	2	0	29.62																									

REPORTS FOR FEBRUARY, 1902.

REPORTS RECEIVED TOO LATE FOR INSERTION DAILY (continued)

DATE.	STATIONS.	YESTERDAY EVENING					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	Weather.	TEMP.		Sun- shine.	Rainfall.
		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.	°					Ins.	Ins.	°	°	°								Hours.	Ins.		
25	Corunna	29.49	55	SW	3	r	29.50	+0.04	54	?	+4	S	3	r	3	r	57	50	-	0.16	
26	Corunna	29.50	59	WSW	3	o	29.53	+0.03	60	57	+6	S	3	o	3	o	63	54	-	0.24	
"	Lisbon	29.91	58	SW	5	o	29.85	+0.03	59	57	+2	SW	6	r	-	o	59	57	-	0.08	
"	P. Delgada	29.73	67	NNW	1	r	29.85	+0.15	58	50	-6	NW	3	bc	5	r	64	54	-	0.32	
27	Corunna	29.49	57	W	3	r	29.58	+0.05	51	49	-9	NW	3	c	3	r	61	46	-	0.12	
"	P. Delgada	29.90	54	NW	3	o	29.82	-0.01	53	49	-2	WNW	4	bc	4	o	61	52	-	0.08	
28	Corunna	29.61	54	SW	3	o	29.46	-0.12	48	45	-3	S	2	o	3	o	57	43	-	-	
2. Corrections.																					
1	Farder	31.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Malin Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	
2	Malin Head	-	-	-	-	-	30.56	-0.34	-	-	-	-	-	-	-	-	-	-	-	-	
"	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	
"	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	
"	Donaghadee	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-	
3	Jersey	-	-	ENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Skudesnaes	30.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Donaghadee	-	-	-	-	-	30.23	-	-	-	-	-	-	-	-	-	48	-	-	-	
5	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-	
6	Nice	30.07	-	-	-	-	30.10	-	-	-	-	-	-	-	-	-	-	-	-	-	
9	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	
10	Holyhead	-	-	-	-	-	-	-	-	33	-	-	-	-	-	-	-	-	-	-	
11	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	
12	Malin Head	-	-	-	-	-	-	-	34	-	0	-	-	-	-	-	-	-	-	-	
"	Wick	29.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	
13	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	0.05	
14	Newton Heigny	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	
18	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	
19	Hernösand	30.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	
23	Liverpool	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.39	
25	Karlstad	30.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26	
28	Frankfurt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	