

METEOROLOGICAL OFFICE.

---

DAILY WEATHER REPORTS.

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1ST JULY TO 31ST DECEMBER, 1901.



# DAILY WEATHER REPORT.

July to December 1901.





# SUPPLEMENT TO THE DAILY WEATHER REPORT.

## VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE SIX MONTHS, JULY TO DECEMBER.

JULY.

AUGUST.

SEPTEMBER.

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.	Years.	Minimum.	Years.	1871- 1900.	1866-1900.	Hours.	Per cent. of possible.
Sumburgh Head ..	(Inches.) 29.806	53.4	51.7	57.6	48.3	70	1897	37	1888	17	(Inches.) 2.33	—	—
Stornoway .....	29.822	55.5	53.7	60.3	49.1	76	1894	32	1888	21	2.97	140.8	26
Malin Head .....	29.873	56.1	54.0	61.0	53.6	—	—	—	—	—	—	—	—
Blackod Point ..	29.914	57.8	55.2	62.4	53.8	—	—	—	—	—	—	—	—
Valencia .....	29.960	59.2	56.6	64.0	53.8	80	1878	42	1898	20	3.95	154.4	31
Roche's Point ....	29.957	59.0	56.1	65.8	53.7	84	1876	45	1888	15	3.00	—	—
Parsonstown .....	29.937	58.1	55.0	66.4	51.7	89	1876	37	1889	17	2.95	139.2	28
Donaghadee .....	29.904	57.4	55.5	63.5	52.1	81	1876	40	1883	18	2.83	—	—
Liverpool .....	29.927	59.5	56.6	66.0	54.3	89	1873	44	1877	16	2.77	—	—
Holyhead .....	29.932	58.3	56.0	63.8	54.1	83	1894	43	1888	16	2.46	—	—
Pembroke .....	29.956	58.2	56.2	62.7	54.9	80	1878	45	1888	14	2.42	205.3	42
Scilly .....	29.987	60.5	58.3	64.9	56.5	75	1888	48	1875	16	2.29	—	—
Jersey .....	30.015	62.5	59.1	68.6	56.5	90	1873	46	1877, 97	13	2.30	244.2	51
Dungeness .....	29.965	61.9	58.6	67.0	56.1	82	1900	40	1890	12	1.62	—	—
Wick .....	29.835	56.0	53.7	61.8	48.9	81	1876	30	1886	18	2.54	—	—
Nairn .....	29.838	56.9	53.7	64.5	50.3	86	1876	37	1886, 97, 98	17	2.68	—	—
Aberdeen .....	29.852	57.6	53.8	63.7	50.7	86	1876	38	1888	18	2.82	165.9	32
Leith .....	29.887	58.6	55.0	66.6	51.4	90	1876	41	1887, 88, 92	16	2.76	—	—
Shields .....	29.887	58.2	55.1	64.3	51.9	85	1876	40	1885	15	2.55	—	—
Spurn Head .....	29.914	59.6	56.9	65.1	55.0	84*	1881, 1900	44*	1888	13	1.70	—	—
Yarmouth .....	29.938	60.8	57.6	66.3	54.9	87	1881	42	1872, 90	15	2.69	—	—
Loughborough ..	29.947	60.9	57.2	71.4	52.6	90*	1881	39*	1888	15	2.24	—	—
Oxford .....	29.963	60.2	56.6	70.1	53.5	90	1876, 1900	41	1888	14	2.49	200.7	41
LONDON .....	29.971	62.2	57.7	72.7	54.2	95	1881	41	1877	13	2.27	174.7†	36†
Sumburgh Head ..	29.782	53.5	51.9	57.7	48.5	69	1880	38	1885, 85	18	3.25	—	—
Stornoway .....	29.794	55.1	53.5	60.2	49.1	75	1897, 99	33	1888	21	3.66	131.3	28
Malin Head .....	29.839	56.4	54.3	61.8	54.1	—	—	—	—	—	—	—	—
Blackod Point ..	29.878	58.1	55.5	62.7	54.1	—	—	—	—	—	—	—	—
Valencia .....	29.929	59.6	57.1	64.7	54.3	81	1899	42	1890	22	4.96	152.7	34
Roche's Point ....	29.932	59.1	56.6	65.7	54.2	80	1880	44	1883	16	3.94	—	—
Parsonstown .....	29.917	57.4	55.2	65.9	51.6	82	1893, 99, 1900	35	1885, 87	18	3.87	139.5	31
Donaghadee .....	29.881	57.1	55.5	62.8	52.5	78	1899	38	1886	19	3.30	—	—
Liverpool .....	29.908	58.8	55.3	65.8	54.3	85	1876, 84, 93, 99	44	1885	17	2.96	—	—
Holyhead .....	29.909	58.6	56.3	64.0	54.8	83	1893	45	1888	16	3.02	—	—
Pembroke .....	29.932	58.9	56.8	63.3	55.8	78	1874, 99	47	1885, 88	16	2.91	193.8	43
Scilly .....	29.962	61.2	59.0	65.3	57.1	75	1893, 99	50	1885, 90, 95	17	2.49	—	—
Jersey .....	29.995	63.2	59.8	69.1	57.4	89	1893	45	1890	14	2.48	244.8	50
Dungeness .....	29.953	62.1	58.9	67.5	56.6	80	1887, 94	39	1890	13	1.81	—	—
Wick .....	29.814	55.5	53.5	61.4	48.6	85	1893	30	1886	18	2.61	—	—
Nairn .....	29.817	56.0	53.2	63.9	49.9	86	1899	33	1885, 91	18	2.68	—	—
Aberdeen .....	29.835	56.7	53.5	63.1	50.2	81	1880, 82, 99	33	1885	18	3.03	153.3	33
Leith .....	29.848	57.7	54.6	66.0	51.4	85	1893	37	1874	16	3.72	—	—
Shields .....	29.871	57.3	54.7	64.0	51.8	83	1893	39	1892	16	2.83	—	—
Spurn Head .....	29.904	59.1	56.8	64.7	55.0	87*	1893	46*	1887, 90, 1900	15	1.87	—	—
Yarmouth .....	29.929	60.6	57.6	66.3	54.8	85	1893	42	1876, 85	14	2.26	—	—
Loughborough ..	29.935	59.1	56.2	70.4	52.0	91*	1893	38*	1885, 87, 88	14	2.46	—	—
Oxford .....	29.954	58.9	56.0	69.4	53.0	90	1876	39	1892	13	2.38	185.7	42
LONDON .....	29.961	61.0	57.4	71.9	53.7	96	1876	39	1887, 90	13	2.30	185.9†	37†
Sumburgh Head ..	29.783	50.8	49.1	54.9	46.2	69	1898	34	1887, 88	20	3.48	—	—
Stornoway .....	29.806	51.5	50.2	56.7	45.7	72	1898	32	1871, 75, 85	21	4.17	107.4	28
Malin Head .....	29.864	53.7	51.4	58.5	51.1	—	—	—	—	—	—	—	—
Blackod Point ..	29.905	55.3	52.9	59.8	51.6	—	—	—	—	—	—	—	—
Valencia .....	29.963	56.6	54.2	61.9	51.4	79	1898	35	1899	19	4.34	133.1	36
Roche's Point ....	29.966	55.8	53.7	61.9	51.3	74	1880	39	1893	14	3.62	—	—
Parsonstown .....	29.947	52.9	51.0	61.9	47.3	79	1880, 98	29	1899	17	2.92	129.2	35
Donaghadee .....	29.913	53.7	52.4	60.1	49.3	74	1898	36	1882, 94, 99	17	2.80	—	—
Liverpool .....	29.944	54.8	52.1	61.5	50.9	82	1880	39	1885	16	3.12	—	—
Holyhead .....	29.939	55.9	53.7	60.8	52.3	78	1880	43	1873, 85, 97	16	3.04	—	—
Pembroke .....	29.962	56.4	54.2	60.4	53.2	74	1895	40	1885	16	3.24	148.3	40
Scilly .....	29.983	58.8	56.6	62.4	54.9	73	1899	41	1885, 88	17	3.15	—	—
Jersey .....	30.008	60.4	57.2	66.0	55.0	86	1895	41	1891	15	3.04	184.9	50
Dungeness .....	29.981	58.0	55.5	64.0	53.0	78	1898, 99	32	1885	14	2.53	—	—
Wick .....	29.822	52.1	50.3	58.0	45.7	78	1898	29	1885, 87	19	2.70	—	—
Nairn .....	29.835	51.6	49.4	59.7	45.9	83	1898	25	1892	17	2.54	—	—
Aberdeen .....	29.856	52.5	49.9	59.4	46.6	81	1898	30	1887	17	2.87	124.0	33
Leith .....	29.880	53.5	50.9	62.1	47.5	83	1893	33	1886	15	2.19	—	—
Shields .....	29.905	53.2	51.1	60.4	48.3	81	1898	34	1885, 89, 93	14	2.20	—	—
Spurn Head .....	29.941	55.7	53.8	60.9	52.4	79*	1899	36*	1892	14	1.80	—	—
Yarmouth .....	29.956	56.5	54.3	62.4	51.3	78	1880, 98	33	1885	15	2.57	—	—
Loughborough ..	29.970	53.5	51.7	65.5	47.5	90*	1898	29*	1898	14	2.44	—	—
Oxford .....	29.985	54.0	52.1	64.8	48.8	90	1898	33	1885	13	2.39	144.2	39
LONDON .....	29.991	55.8	53.4	66.8	49.7	91	1898	30	1877	13	2.21	116.0†	31†

\* Extremes of temperature at these Stations are from observations made during the 20 years—1881-1900.

† The Sunshine values are for Westminster.



# VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE

(CONTINUED).

OCTOBER.

NOVEMBER.

DECEMBER.

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.	Years.	Minimum.	Years.	Days with Rain.	Total Fall.	Hours.	Per cent. of possible.
Sumburgh Head ..	29.721	45.9	44.3	40.8	41.6	61	1898	26	1875	24	(Inches.) 4.43	—	—
Stornoway .....	29.752	45.4	44.4	51.1	40.8	70	1898	26	1880	24	5.31	87.0	28
Malin Head .....	29.803	48.4	46.3	52.6	45.6	—	—	—	—	—	—	—	—
Blacksod Point ..	29.851	49.5	46.6	54.1	45.9	—	—	—	—	—	—	—	—
Valencia .....	29.885	51.0	48.9	50.4	46.3	69	1898	28	1892	22	5.61	104.4	32
Roche's Point .....	29.886	50.1	48.3	55.8	46.0	65	1880, 84, 86	32	1881	16	4.21	—	—
Parsonstown .....	29.883	45.5	44.0	54.7	40.5	69	1898	22	1880	18	3.06	99.9	31
Donaghadee .....	29.843	47.8	46.5	53.7	43.5	66	1898	21	1892	18	3.14	—	—
Liverpool .....	29.872	47.7	45.6	53.8	44.5	72	1898	27	1895	18	3.52	—	—
Holyhead .....	29.863	50.2	48.1	54.7	46.9	71	1886	32	1892	20	4.33	—	—
Pembroke .....	29.880	51.2	49.2	54.9	47.9	66	1872, 1886	33	1895	20	4.14	104.9	32
Scilly .....	29.897	53.8	51.7	56.9	50.1	69	1895	33	1895, 96	21	3.73	—	—
Jersey .....	29.926	53.7	50.9	58.6	48.9	73	1876, 1898, 1900	33	1887	19	4.47	130.0	40
Dungeness .....	29.908	50.4	48.6	56.6	46.2	70	1886	23	1890	16	3.23	—	—
Wick .....	29.755	46.2	44.6	51.8	40.4	73	1898	22	1885	21	3.11	—	—
Nairn .....	29.773	44.6	42.8	52.2	39.8	72	1898	19	1896	18	2.43	—	—
Aberdeen .....	29.791	45.7	43.6	52.5	41.2	74	1883	25	1880	20	3.00	98.9	31
Leith .....	29.814	46.4	44.6	54.6	41.5	70	1898	25	1884	16	2.09	—	—
Shields .....	29.836	46.9	45.2	53.4	42.2	69	1898	27	1890, 92, 95	17	2.75	—	—
Spurn Head .....	29.837	48.9	47.4	53.6	45.6	70*	1900	33*	1887, 95	16	2.34	—	—
Yarmouth .....	29.884	49.2	47.6	54.4	44.6	74	1900	27	1895	18	2.98	—	—
Loughborough .....	29.897	45.4	44.2	55.8	40.8	77*	1886	20*	1890	17	2.76	—	—
Oxford .....	29.916	46.1	44.8	55.6	42.1	76	1886	22	1873	15	2.76	102.7	32
LONDON .....	29.918	47.6	46.0	56.8	42.9	80	1886	24	1890	16	2.70	70.6†	22†
Sumburgh Head ..	29.710	42.6	41.0	46.1	38.5	55	1890	21	1875	24	4.12	—	—
Stornoway .....	29.720	42.5	41.5	46.8	37.4	58	1897	20	1880	23	5.28	40.6	18
Malin Head .....	29.773	44.3	42.5	48.3	41.2	—	—	—	—	—	—	—	—
Blacksod Point ..	29.819	45.7	43.7	49.7	41.7	—	—	—	—	—	—	—	—
Valencia .....	29.883	47.6	45.6	52.4	43.0	63	1881	27	1890, 96	22	5.67	65.8	26
Roche's Point .....	29.838	46.5	45.0	51.4	42.3	61	1875	27	1890	19	4.65	—	—
Parsonstown .....	29.869	42.0	40.6	49.4	37.2	63	1872	20	1890	19	2.97	—	—
Donaghadee .....	29.838	43.9	42.7	48.8	39.7	60	1894	27	1878, 83	19	3.12	63.8	25
Liverpool .....	29.883	43.0	41.2	48.3	40.0	63	1872	22	1880	17	2.71	—	—
Holyhead .....	29.865	46.2	44.4	50.0	43.0	62	1881	29	1880	20	3.96	—	—
Pembroke .....	29.890	47.4	45.7	50.6	43.9	58	1884, 95, 97, 99	28	1890	20	3.94	60.9	24
Scilly .....	29.911	50.3	48.3	53.0	46.6	61	1898	29	1890	21	3.65	—	—
Jersey .....	29.953	48.2	46.1	52.6	44.4	66	1899	16	1890	19	4.07	73.5	27
Dungeness .....	29.923	45.0	43.6	50.1	41.1	63	1899	17	1890	17	2.57	—	—
Wick .....	29.743	42.0	40.6	46.7	36.8	62	1900	15	1884	20	2.89	—	—
Nairn .....	29.761	40.5	38.9	46.3	35.6	61	1885, 94	18	1880, 98	17	2.13	—	—
Aberdeen .....	29.792	41.1	39.3	46.6	37.1	62	1872, 89	15	1890, 84	20	3.06	52.7	22
Leith .....	29.817	42.3	40.5	48.5	37.5	64	1872	18	1885	16	2.07	—	—
Shields .....	29.844	42.8	41.2	48.0	38.4	62	1881, 94	20	1880	17	2.33	—	—
Spurn Head .....	29.874	43.8	42.5	47.5	40.7	61*	1894, 95	23*	1884	17	2.19	—	—
Yarmouth .....	29.898	43.7	42.5	48.0	39.5	60	1895, 98, 99	23	1890	19	2.78	—	—
Loughborough .....	29.910	40.9	39.7	48.6	37.0	64*	1900	19*	1887, 93	17	2.14	—	—
Oxford .....	29.928	41.6	40.4	48.8	37.9	68	1881	19	1871, 87	15	2.30	56.4	22
LONDON .....	29.931	42.8	41.3	49.8	38.5	65	1894	19	1879	16	2.29	27.7†	11†
Sumburgh Head ..	29.647	40.1	38.6	43.2	35.9	53	1890	19	1877	26	4.46	—	—
Stornoway .....	29.671	40.0	39.0	43.7	34.6	55	1898	15	1880	26	5.68	23.9	12
Malin Head .....	29.748	41.6	40.1	45.4	38.3	—	—	—	—	—	—	—	—
Blacksod Point ..	29.803	43.2	41.3	47.2	39.2	—	—	—	—	—	—	—	—
Valencia .....	29.880	45.4	43.2	50.1	40.6	57	1884, 88, 99, 1900	24	1886	25	6.34	42.6	18
Roche's Point .....	29.894	44.0	42.6	48.5	39.9	58	1873	25	1882	20	5.47	—	—
Parsonstown .....	29.872	38.8	37.6	45.5	34.0	58	1877, 1900	8	1878	20	3.17	44.7	20
Donaghadee .....	29.823	40.9	40.0	46.1	36.6	56	1885, 88, 94	20	1879	21	2.96	—	—
Liverpool .....	29.881	39.4	37.7	44.2	36.1	59	1891, 98, 1900	13	1878	18	2.64	—	—
Holyhead .....	29.864	43.2	41.6	46.8	39.5	56	1872, 88	25	1874	20	3.94	—	—
Pembroke .....	29.903	44.4	43.0	47.4	40.9	57	1898	19	1890	21	4.17	44.0	19
Scilly .....	29.936	47.7	45.8	50.3	43.8	58	1899, 1900	30	1890	22	4.19	—	—
Jersey .....	29.992	44.0	42.2	48.1	40.1	61	1876	19	1871	20	3.88	62.3	25
Dungeness .....	29.952	40.6	39.5	45.2	36.3	56	1880, 97, 98, 1900	12	1890	17	2.11	—	—
Wick .....	29.684	38.7	37.5	42.9	33.4	56	1898	10	1880	22	3.18	—	—
Nairn .....	29.713	37.5	36.0	42.6	32.4	58	1900	10	1882	18	2.16	—	—
Aberdeen .....	29.747	37.5	35.8	42.4	33.3	58	1873	6	1882	20	3.23	38.2	19
Leith .....	29.782	39.1	37.6	44.5	34.1	60	1896	6	1882	15	1.95	—	—
Shields .....	29.825	38.9	37.5	43.6	34.3	59	1873, 98	10	1878, 79	16	2.34	—	—
Spurn Head .....	29.864	39.4	38.2	43.1	35.8	56*	1898	19*	1891	17	2.07	—	—
Yarmouth .....	29.911	38.6	37.5	42.7	34.2	56	1873	15	1879	17	2.47	—	—
Loughborough .....	29.914	36.9	35.9	43.5	32.8	59*	1888, 1900	7*	1890	15	2.35	—	—
Oxford .....	29.950	37.6	36.5	43.7	34.0	58	1888, 97	6	1878	16	2.16	41.6	18
LONDON .....	29.953	38.5	37.3	44.7	34.4	58	1873, 83, 91, 98	11	1878	15	2.15	13.1†	5†

\* Extremes of temperature at these Stations are from observations made during the 20 years—1881-1900.

† The Sunshine values are for Westminster.



# DAILY WEATHER REPORT

for 8 a.m. on Friday - 1<sup>st</sup> November.

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 29 <sup>in</sup> and M.S.L.	Ins.	Dry Bulb.	Dirac.		Force (0 to 12.)	At 82 <sup>in</sup> 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.
SCANDINAVIA.	Haparanda	30.20	36	N	2	b	30.24	-0.1	36	35	+4	S	2	bc	.	b	39	28	.	-	
	Hernösand	30.43	45	NW	2	o	30.48	+0.2	40	35	-4	Z	0	bc	.	o	48	28	.	-	
	Stockholm	30.53	41	SSE	2	b	30.54	-0.6	36	34	+2	W	2	b	.	b	45	28	.	-	
	Wisby	30.55	46	N	6	b	30.52	-0.04	45	42	+2	N	6	b	.	b	48	37	.	-	
	Karlstad	30.64	34	NNW	2	b	30.63	-0.05	30	30	-3	N	2	b	.	b	.	.	.	-	
	Færder (X'ania Fjord)	30.63	46	WSW	2	b	30.62	-1.0	40	38	0	N	4	b	.	b	46	34	.	-	
	Bodö	30.36	46	SSE	6	o	30.29	+0.04	48	46	0	WSW	4	r	4	o	48	42	.	0.20	
	Christiansund	30.68	44	WSW	4	o	30.62	-1.0	44	41	+2	WSW	5	o	4	o	45	41	.	-	
	Skudesnaes	30.41	42	Z	0	b	30.64	-0.05	42	41	+1	E	1	c	1	bc	50	39	.	.	
	Sumburgh Head	30.59	44	S	2	o	30.50	-1.5	44	45	+3	S	2	c	4	o	48	43	.	-	
BRITISH ISLANDS.	Stornoway	30.32	50	ESE	6	c	30.32	-1.3	46	45	-2	ESE	5	bc q	3	c	52	44	.	-	
	Malin Head	30.30	50	ESE	3	b	30.25	-1.4	45	44	-2	SE	4	bc	3	b	53	44	.	-	
	Blacksod Pt.	30.22	49	E	4	b	30.18	-1.1	50	46	+4	E	3	c	3	b	54	45	6.5	-	
	Valencia	30.25	44	ENE	2	b	30.25	-0.6	50	46	+3	ESE	4	bc	4	b	52	45	.	-	
	Roche's Point	30.30	44	NE	1	b	30.26	-1.0	40	39	+1	NE	1	b	.	b	54	38	7.4	-	
	Donaghadee	30.42	52	E	6	c	30.39	-0.8	50	49	0	SE	5	b	3	c	53	48	.	-	
	Liverpool Obsy.	30.41	48	ENE	5	m	30.39	-0.4	44	42	-2	ENE	3	b	7	m	54	42	.	-	
	Holyhead	30.34	50	E	6	b	30.29	-0.9	44	44	0	E	6	b	4	b	52	43	.	-	
	Pembroke (St. Ann's)	30.18	52	SSE	6	bc	30.22	-0.2	44	42	-3	NE	5	b	3	bc	54	43	6.4	-	
	Scilly (St. Mary's)	30.04	53	ENE	5	o	30.09	-0.5	51	49	-1	ENE	5	o	4	o	54	49	6.0	0.01	
GERMANY, &c.	Jersey (St. Aubins)	30.04	51	ENE	5	bc	30.13	+0.8	46	42	-8	ENE	5	brn	4	bc	53	44	0.0	-	
	Portland Bill	30.16	51	ENE	6	b	30.18	+0.2	45	44	-2	ENE	6	b	6	b	56	45	.	-	
	Dungeness	30.22	53	E	8	b	30.34	+0.9	44	45	-2	E	6	bc q	6	b	54	46	.	-	
	Wick	30.52	45	S	3	b	30.43	-1.5	44	45	-1	S	4	b	4	b	50	45	.	-	
	Nairn	30.52	44	ESE	2	b	30.44	-1.3	30	30	0	Z	0	b	1	b	49	26	.	-	
	Aberdeen	30.61	48	SSE	2	c	30.54	-0.9	48	44	0	SE	2	c	3	c	51	46	0.5	-	
	Leith	30.56	45	ESE	3	b	30.49	-0.7	43	42	-6	ESE	2	bc	.	b	54	38	.	-	
	North Shields	29.54	51	E	3	o	30.49	-0.5	50	48	0	ESE	3	c	2	o	52	48	.	-	
	Spurn Head	30.46	51	ENE	6	b	30.46	+0.3	49	44	-2	ESE	6	bc	5	b	53	46	.	-	
	Yarmouth	30.38	51	E	4	b	30.34	00	49	44	-2	E	6	b	5	b	53	46	.	-	
FRANCE.	Loughborough	30.42	46	E	3	b	30.41	-0.1	40	40	-1	ENE	1	brn	.	bc q	53	40	.	-	
	Oxford	30.33	45	ENE	4	b	30.33	+0.1	41	40	-2	N	3	bo	.	b, q.	54	40	.	-	
	London (Brixton)	30.29	49	ENE	5	b	30.29	+0.1	46	44	-3	ENE	5	b	.	bc, b	56	44	6.8	-	
	The Scaw (Skagen)	30.65	41	NE	1	b	30.60	-1.0	39	38	-2	W	1	c	0	b	46	36	.	-	
	Fanö	30.68	34	E	2	b	30.64	+0.1	32	31	-5	E	1	b	.	b	48	32	.	-	
	Cuxhaven	30.61	43	E	4	b	30.65	+0.5	39	38	-3	E	3	b	.	b	48	38	.	-	
	The Helder	30.44	44	E	4	b	30.48	?	42	39	?	ESE	4	b	4	b	48	41	.	-	
	Brussels	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-	
	Berlin	30.59	43	SE	2	b	30.64	+1.2	34	36	-3	SE	1	b	.	b	48	34	.	-	
	Frankfurt	30.39	42	NE	4	b	30.46	+1.4	39	35	0	ENE	4	b	.	b	54	33	.	-	
SPAN. PEN.	Munich	30.24	39	E	8	b	30.41	+2.5	32	31	-9	E	5	b	.	b	46	41	.	-	
	C. Gris Nez	30.18	50	E	5	f	30.25	+0.5	34	34	-5	E	6	c	6	f	55	37	.	-	
	Brest	29.99	49	NE	3	o	30.06	+0.7	42	41	-11	NE	2	o	2	o	55	41	.	-	
	Lorient	29.98	51	ENE	5	o	30.06	+1.2	45	42	-4	E	4	o	2	o	54	45	.	-	
	Rocheport	29.94	53	ESE	3	o	30.04	+1.8	49	42	+3	ESE	3	o	.	o	57	46	.	-	
	Biarritz	29.91	54	NNW	3	r	30.02	+1.4	54	51	-2	SSE	1	c	2	r	59	54	.	-	
	Paris	30.06	46	NE	2	b.	30.14	+1.5	39	36	-11	E	2	b	.	b	53	38	.	-	
	Belfort	29.94	46	ENE	8	c	30.20	+3.1	37	33	-10	ENE	4	c	.	c	51	36	.	-	
	Lyons	29.91	48	NW	1	o	30.15	+2.4	42	41	-2	E	1	m.	.	o	53	39	.	-	
	Nice	29.92	52	NE	2	r	30.03	+4.0	62	51	+3	NE	6	r	5	r	61	48	.	0.63	
SPAN. PEN.	Perpignan	29.44	52	NW	3	r	30.00	+2.3	53	53	0	SW	1	o	.	r	54	50	.	0.91	
	Corunna	30.02	55	NNW	4	b	30.08	+1.3	55	53	-1	NW	1	b	.	b	63	54	.	-	
	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 1<sup>st</sup> November, 1901.*

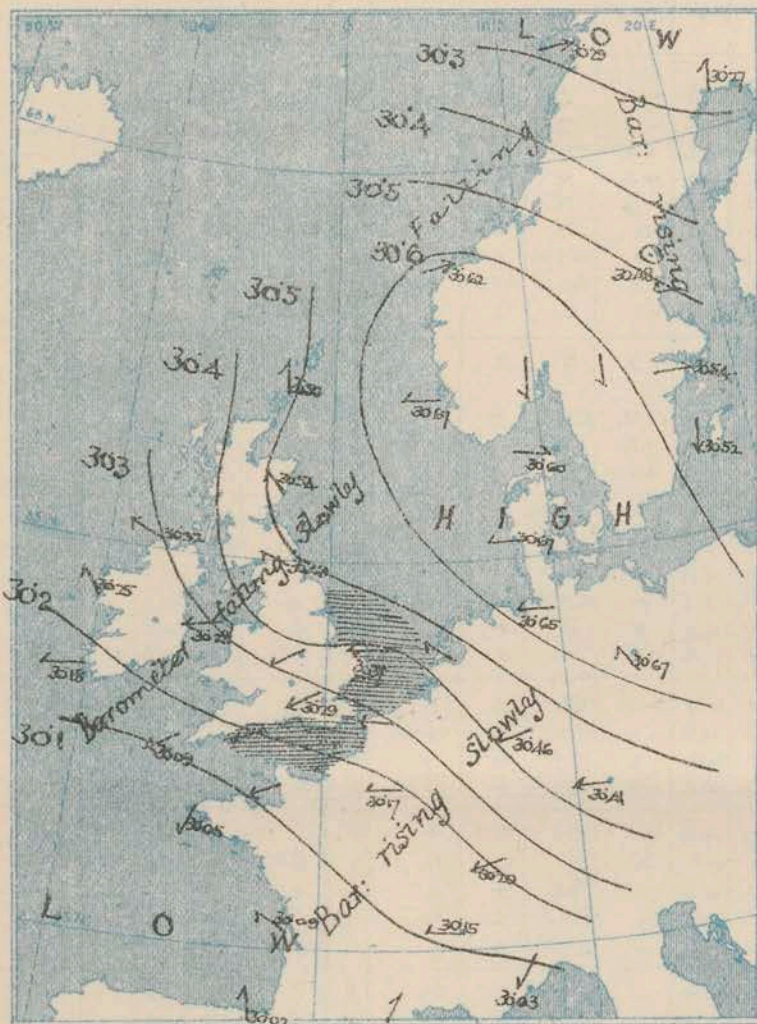
## I. BAROMETER, WIND AND SEA. *Thus Morning.*

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

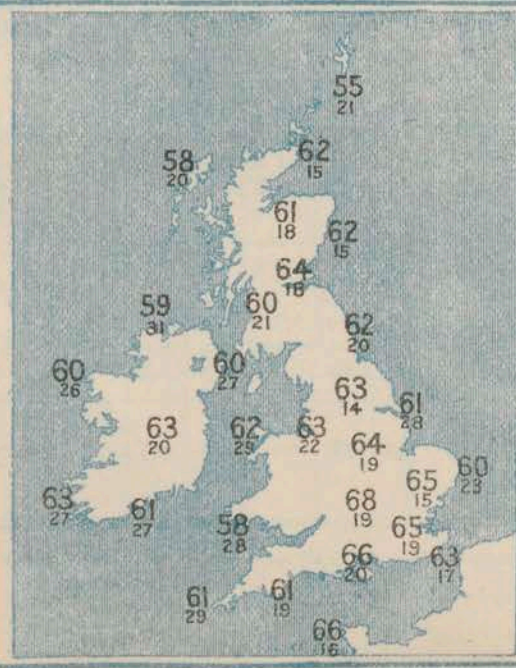
*Yesterday morning.*



## IV. EXTREMES OF TEMPERATURE *in month of NOVEMBER (1871-1900)*

Specimen { Highest Max, 62  
(for Shields) { Lowest Min, 20

Mainland & Black & Belmullet Values are for only 45 Yrs



## V. Means of DAILY TEMPERATURE

*at 8 a.m. for the Two monthly period*

*(October - November (1871-1900))*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The anticyclone in the N. has become somewhat reduced in height and has spread S. the highest readings, 30.6 ins. and upwards being now reported over Denmark, N. Germany and the S. parts of Norway. The lowest pressures 30.1 ins. and less, are reported over the Bay of Biscay and the W. of France. The barometer is rising over all the more S. parts of our area but is falling in the N.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is E. or SE. over western Europe generally, and still blows strongly on many parts of the English coast. In the W. of Norway it is W. or S.W. and in the S. of Scandinavia N., while in Denmark it is light and variable. Temperature has fallen in most places, and although still high for the time of year on our eastern and western coasts, it is below the normal in all the more central districts, the lowest readings reported in our Islands being 30° at Kairn and 40° at Loughborough and Parsonstown. Over Sweden, Denmark, Germany and central France readings below 40° are general, the lowest reported being 30° at Karlstad and 32° at Fins and Munich. The weather is fine over W. Europe as a whole, but is dull on the west coasts both of France and Norway, with rain at Bodo. The sea is rough or rather so on our eastern and southern coasts, but moderate or slight elsewhere.

During yesterday the thermometer rose to between 50° and 55° in most parts of the United Kingdom to 56° in London and at Portland Bill and to 57° at Oxford. The amount of Bright Sunshine was generally large, the amount exceeding 8 hrs. at many of the English stations; at Scilly and Jersey, however, there was none. Slight rain fell at Scilly, but none at any other station in our Islands; considerable quantities were, however, experienced in the extreme S. of France.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone appears to be gradually breaking up. There are at present no indications of the advance of any definite cyclonic disturbance, but the distribution of pressure is becoming rather irregular, and rain is probable shortly in many parts of the United Kingdom, though not yet over England.

## FORECASTS\*

For the 24 hours ending at NOON on 2<sup>ND</sup> NOV. 1901

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S. and SE. winds, freshening, fair at first, some rain later	6 { SCOTLAND WEST	SE. winds, freshening, fair at first, some rain later
1 { SCOTLAND EAST		7 { ENGLAND N.W.	Same as Nos 2 and 3
2 { ENGLAND N.E.	E. and SE. winds, strong, fair generally	8 { ENGLAND S.W.	Same as Nos 4 and 5
3 { ENGLAND EAST		9 { IRELAND NORTH	E. and SE. winds, strong, fair at first, some rain later
4 { MIDLAND COUNTIES	E. winds, strong in places, fair generally	10 { IRELAND SOUTH	Same as No 6
5 { ENGLAND SOUTH			

## WARNINGS

At 7.30 pm yesterday to districts 2 and 7 to 10 Hoist North Cone. The signals are also flying in districts 3 and 5.

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

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



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on Sea	"	"	"	"	"	"	"	"	"	"	b	"	b, b	54	44	8.2	—
Newton Reigny (Penrith)	30.49	45	20	b	30.43	-0.07	44	42	-1	SE 4	b	"	b	62	41	8.0	—
Bath	30.25	54	85	b	30.27	+0.04	43	41	-1	NE 6	0	"	b	58	43	8.6	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	58	42	b, c	8.0	—	Worthing	*	*	*	8.2	—
Birmingham, 9 p.m.	53	41	b, c	6.6	—	Llandudno	*	*	*	8.1	—
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	4.3	—
Hastings	*	*	*	8.6	*	Southport, 9 p.m.	55	43	b	8.1	—
Eastbourne	*	*	*	8.0	*	Manchester, 9 p.m.	55	46	b, o, b	7.2	—
Brighton	*	*	*	8.3	*	Darwen, 9 p.m.	52	43	c, b, c, r.	7.8	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) Oct. 31	—	—	—	Ins.	Algiers ... Oct. 31	66	55	c, c	0.16
Madrid	55	36	r, c	?	Tunis	70	50	o, c	—
Corsica (I. Sanguinaires)	64	55	f, f	0.08	Vienna	52	43	r, o	—
Rome	66	55	r, o	0.43	St. Petersburg	43	32	o, s	0.04
Florence	66	54	r, r	0.55	Lugano ... Oct. 30	54	—	o	Measured 7 a.m. 30
Trieste	59	52	o, r	?	Davos	46	—	b	—
Brindisi	67	54	r, o	0.59	Lucerne	43	—	m	—
Naples	65	55	c, o	0.47	Lausanne	43	—	m	—
Palermo	68	54	r, r	0.41					

## 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.	1 <sup>st</sup> Nov. 1901.	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 ... ..	6.50	11.37	4.24
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	6.55	11.44	4.33
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	7.30	11.56	4.22
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	7.37	12.25	5.13
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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, 68, Victoria Street, S.W., either personally or by post.

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



# DAILY WEATHER REPORT

for 8 a.m. on Saturday - 2<sup>nd</sup> November 1901.

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.						
		BAROM.		TEMP.		WIND.	Force (0 to 12.)	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Time.		Sun- shine. Hours	Rainfall Ins.
		At 32° and M.S.L.	Dry Bulb.	Wet Bulb.	Dirac.				At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Max.					Min.			
																					Ins.		
SCANDINAVIA.	Haparanda	30.09	44	W	4	0	30.01	-26	41	37	+5	Z	0	bc	0	45	28						
	Hernösand	30.43	41	Z	0	0	30.39	-09	39	35	-1	Z	0	c	0	48	37						
	Stockholm	30.54	38	W	2	0	30.52	-02	34	34	-2	W	2	b	0	45	32						
	Wisby	30.54	45	N	4	0	30.54	+02	43	41	-2	NNW	4	b	0	48	39						
	Karlstad	30.60	34	NNW	2	0	30.60	-03	28	27	-2	W	2	b	0								
	Färder (X'ania Fjord)	30.58	42	NNW	2	0	30.60	-02	37	36	-3	N	2	m	1	43	36						
	Bodö	30.28	47	WSW	8	+	30.18	-11	47	45	-1	WSW	8	+	5	48	43		0.32				
	Christiansund	30.60	45	W	4	0	30.54	-08	40	38	-4	SSW	4	b	0	45	37						
	Skudesnaes	30.65	40	Z	0	0	30.62	-05	40	39	-2	E	2	b	0	46	36						
	Sumburgh Head	30.43	48	S	4	0	30.41	-09	49	47	+2	S	3	c	4	50	46						
BRITISH ISLANDS.	Stornoway	30.22	48	ESE	5	0	30.25	-04	46	44	0	SE	5	o.m.	3	52	44						
	Malin Head	30.19	49	SSW	3	0	30.21	-04	48	46	+3	SE	3	c.m.	3	52	44						
	Blacksod Pt.	30.16	51	E	3	0	30.18	00	51	48	+1	ESE	2	0	3	55	49	2.5					
	Valencia	30.18	51	ESE	4	0	30.20	-05	52	50	+2	S	3	0	3	53	50		0.01				
	Roche's Point	30.21	44	E	1	0	30.24	-02	48	46	+8	ESE	1	0	4	55	38	8.3					
	Donaghadee	30.28	52	SE	5	0	30.31	-08	50	49	0	SE	4	0	4	53	49						
	Liverpool Obsy.	30.30	47	ENE	4	0	30.34	-02	38	37	-6	E	2	b	7	53	37						
	Holyhead	30.24	48	SE	3	0	30.30	+01	47	45	0	SE	1	om	1	52	42						
	Pembroke (St Ann's)	30.18	50	SSW	4	0	30.24	+02	53	51	+9	SE	4	c.g.	4	53	43	6.6					
	Scilly (St. Mary's)	30.11	52	ESE	5	0	30.19	+10	55	52	+4	SSE	4	om	2	54	49	0.0					
GERMANY, &c.	Jersey (St. Aubins)	30.19	50	ESE	3	0	30.31	+18	50	48	+4	ENE	3	cm	3	52	44	4.8	0.01				
	Portland Bill	30.18	50	E	6	0	30.31	+13	52	51	+7	ESE	3	c	3	52	45		0.01				
	Dungeness	30.30	50	ESE	5	0	30.39	+05	48	45	+1	SSE	3	b	4	51	47						
	Wick	30.36	45	S	4	0	30.35	-08	48	47	+1	SSE	3	b	5	52	44						
	Nairn	30.37	44	W	2	0	30.37	-10	30	30	0	SW	1	b	1	55	27						
	Aberdeen	30.49	48	SSE	3	0	30.43	-11	49	46	+1	SSE	3	bc	3	51	47	0.2					
	Leith	30.40	48	ENE	2	0	30.38	-11	44	43	+1	ESE	2	bc		55	36						
	North Shields	30.43	50	E	3	0	30.40	-09	48	47	-2	SE	3	bm	3	53	46						
	Spurn Head	30.40	51	ESE	5	0	30.42	-04	50	47	+1	SE	4	b	4	54	47						
	Yarmouth	30.35	51	ESE	6	0	30.41	+04	50	48	+1	SE	4	b	4	52	48						
FRANCE.	Loughborough	30.35	45	ESE	2	0	30.41	00	32	31	-8	E	1	cm	0	bm, cm	53	27					
	Oxford	30.32	41	NE	2	0	30.40	+04	39	37	-2	ENE	1	b		54	36						
	London (Brixton)	30.29	47	E	3	0	30.39	+10	40	39	-6	E	1	bf		52	36	4.7					
	The Scaw (Skagen)	30.58	45	WNW	1	0	30.57	-03	47	46	+8	NE	1	0	0	50	39						
	Fanö	30.66	33	Z	0	0	30.64	-03	34	34	+2	SE	1	f		45	30						
	Cuxhaven	30.64	44	ESE	3	0	30.64	-01	35	35	+4	SSE	2	b		46	34						
	The Helder	30.47	46	ESE	4	0	30.52	+04	43	40	+1	SSE	1	b	1	7	41						
	Brussels	30.63	43	Z	0	0	30.46	-03	37	34		E	1	b		52	32						
	Berlin	30.52	42	E	4	0	30.64	-03	38	37	+1	NNW	1	c		46	34						
	Frankfurt	30.47	55	E	5	0	30.54	+08	34	32	+5	NE	2	b		54	34						
SPAN. PEN.	Munich	30.47	55	E	5	0	30.49	+08	29	28	-3	E	3	b		45	25						
	C. Gris Nez	30.30	47	E	4	0	30.40	+15	37	37	0	SE	4	bc	3	50	28						
	Brest	30.50	51	SE	1	0	30.26	+20	48	47	+6	SE	2	c	2	52	42						
	Lorient	30.21	49	E	2	0	30.25	+19	45	45	0	ESE	2	m	2	54	45						
	Rochefort	30.21	56	ENE	3	0	30.33	+24	50	49	+1	SE	2	b		64	47						
	Biarritz	30.17	57	Z	0	0	30.26	+24	51	50	-3	E	3	b	2	61	50						
	Paris	30.27	43	E	1	0	30.40	+23	31	30	-8	NNE	2	b		55	30						
	Belfort	30.24	43	ENE	1	0	30.38	+18	30	28	-7	ENE	5	b		50	29						
	Lyons	30.16	45	W	1	0	30.38	+23	38	38	-4	NNE	1	b		54	33						
	Nice	30.12	53	NE	4	0	29.80	-23	53	38	-9	NE	8	b	6	62	50						
SPAN. PEN.	Perpignan	30.16	52	Z	0	+	30.27	+27	43	43	-10	Z	0	bc		59	44		0.37				
	Corunna	30.15	55	N	3	0	30.20	+12	51	50	-4	N	4	b		61	48						
SPAN. PEN.	Lisbon	29.97	63	NE	4	0	29.91	-07	61	60	-2	NNE	5	+	3	68	61		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 *Saturday, 2<sup>nd</sup> November, 1901.*

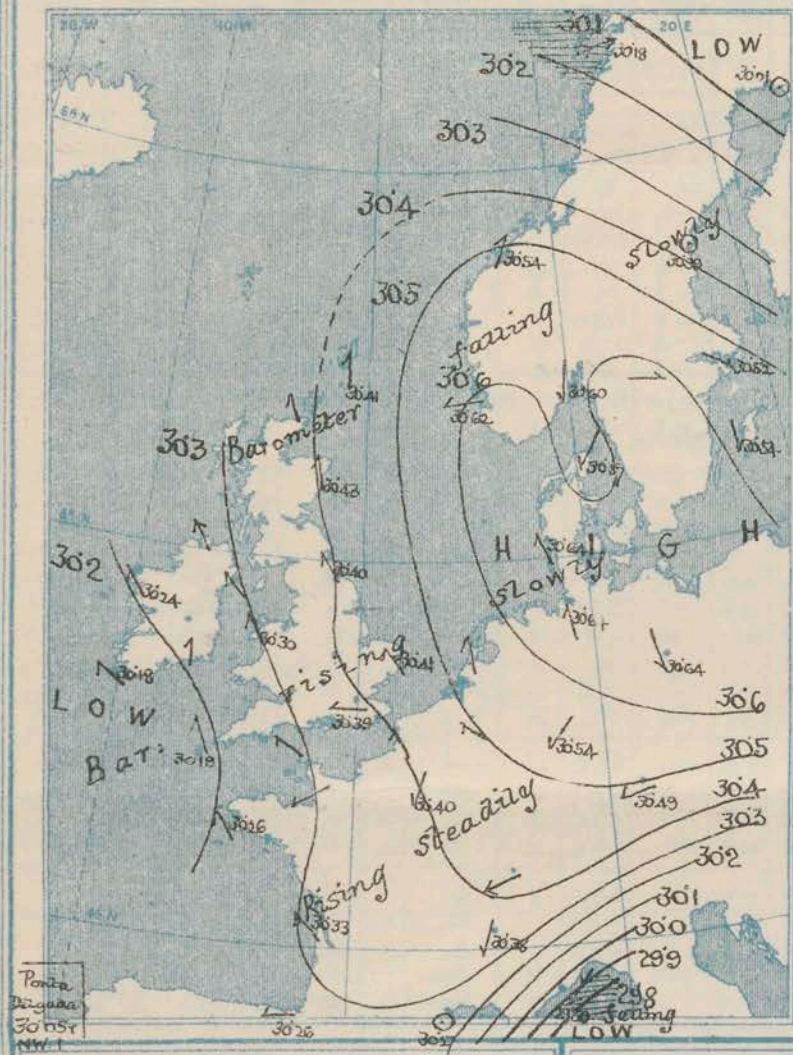
## I. BAROMETER, WIND AND SEA. This Morning.

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

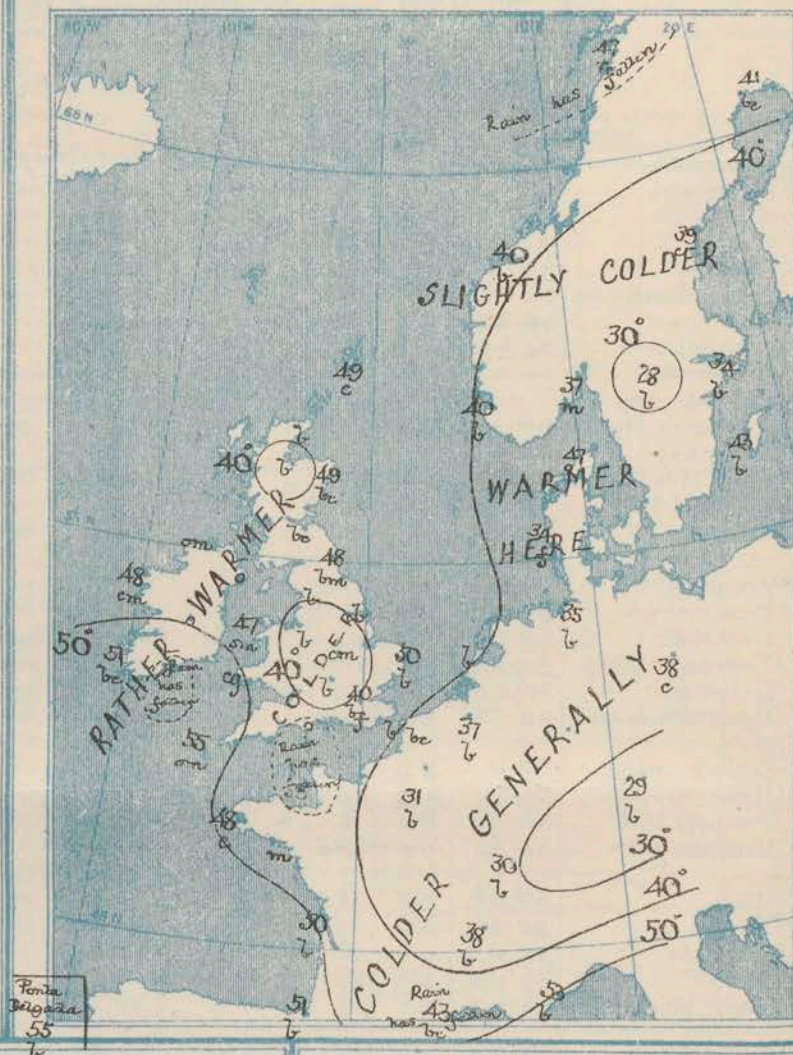


## II. TEMPERATURE AND WEATHER. This Morning.

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.

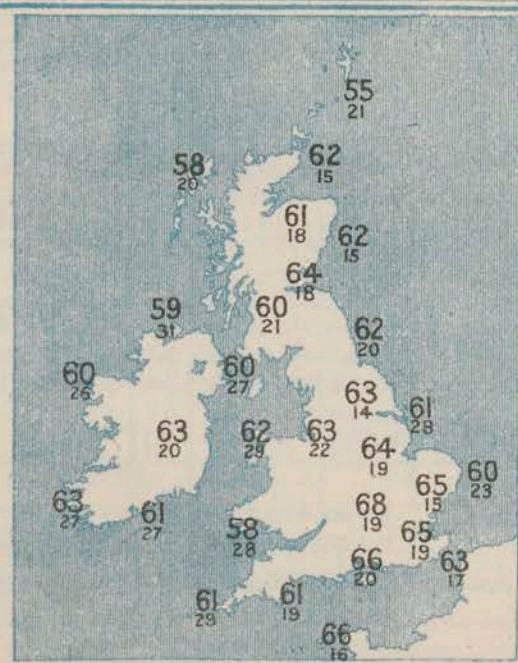


## IV. EXTREMES OF TEMPERATURE

in month of NOVEMBER (1871-1900)

Specimen { Highest Max, 62  
(for Shields) { Lowest Min, 20

Malin Head & Black Sod - Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the Two monthly period

(October - November (1871-1900))





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

A large anticyclone still lies to the eastward of our Islands, the central portion of the system, with readings exceeding 30.6 ins., being situated over Denmark, N. Germany and the extreme S. of Scandinavia. The lowest readings, 29.8 ins. and less, are found in a deep cyclonic system over the Gulf of Genoa, but pressure is somewhat low 30.1 ins. and less, in the N. of Scandinavia. The barometer is at present rising in nearly all parts of our Islands, France, Germany and the Netherlands, but is falling slightly in the N. of Scotland, and also in Scandinavia and Denmark.

## WIND

The wind is light to moderate from the SE over western Europe as a whole, but is E over central England, and NE over the central and southern parts of France, with a gale at Nice. In the west of Norway the wind is SW in the Gulf of Bothnia calm, and in the south of Sweden W. or NW. Temperature has risen in the west and north of our Islands, and also in Denmark, but has fallen elsewhere. At most of our coast stations the thermometer is still above the average, but in the central parts of St. Britain, France and Germany it is now below the normal, the lowest readings reported being:—(1) In our Islands 30° at Nain and 32° at Longborough; (2) on the Continent 28° at Harstad, 29° at Munich, 30° at Belfort and 31° at Paris. The weather is fine over W. Europe generally, but is cloudy or dull at several of our W. stations; rain is falling at Bodø. The sea is moderate or slight in most places, but rather rough at Wick and also at Bodø.

## TEMPERATURE

## WEATHER

## AND

## SEA

During yesterday the thermometer rose slightly above 50° in most parts of the United Kingdom, and reached 55° at Nain, Leith, Valencia and Parsonstown. At some of the W. and S. stations in France it exceeded 60°. The amount of Bright Sunshine was generally large—so much as 8.3 hrs. at Clacton on Sea and Parsonstown and 8.1 hrs. at Hastings; at Aberdeen, however, there was very little and at Scilly none. Slight rain fell on a few parts of our S.W. coasts and larger quantities at Bodø and Perpignan but over W. Europe as a whole the weather remained dry.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change. The large Continental anticyclone appears to be spreading westwards and fair weather is therefore likely to continue in all the more eastern parts of the Kingdom, with, however, some fog in the inland districts.

## FORECASTS \*

For the 24 hours ending at NOON on 3<sup>RD</sup> NOV.

1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	SE and S winds, moderate or fresh, cloudy, rain locally.
1	{ SCOTLAND EAST	} SE winds, light, fair generally.
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	} E and SE winds, light, fine generally, but foggy in places. Frost at night.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as N. 0.
7	{ ENGLAND N.W.	} SE winds, light or moderate, fair generally.
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	} SE winds, moderate or fresh, cloudy, rain in places.
10	{ IRELAND SOUTH	

### WARNINGS

The Warning Signals were lowered last evening.

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	*	*	*	*	*	*	*	*	*	*	b	*	b	52	45	8.3	—
Newton Reigny (Penrith)	30.34	44	SE	b	30.38	+0.05	38	37	-6	SW	b	*	b	53	35	8.0	—
Bath	30.25	48	NE	bc	30.35	+0.08	42	40	-1	NE	bc	*	bc	52	40	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.	52	40	b	7.6	-	Worthing	*	*	*	7.2	*
Birmingham, 9 p.m.	57	42	b	4.9	-	Llandudno	*	*	*	6.1	*
Lowestoft, to 6 p.m.	*	*	*	?	*	Rhyl	*	*	*	7.3	*
Hastings	*	*	*	8.1	*	Southport, 9 p.m.	54	42	b	7.4	-
Eastbourne	*	*	*	7.8	*	Manchester, 9 p.m.	55	45	o. b.	7.2	-
Brighton	*	*	*	7.5	*	Darwen, 9 p.m.	51	41	b. v.	7.5	-

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) 1 <sup>st</sup> Nov.				Ins.	Algiers 1 <sup>st</sup> Nov.				Ins.
Madrid					Tunis			Information	
Corsica (I. Sanguinaires)					Vienna			not arrived	
Rome			Information		St. Petersburg				
Florence					Lugano	1 p.m.			Measured 7 a.m. 38
Trieste			not		Davos	55	—	0	0.08
Brindisi					Lucerne	50	—	0	—
Naples			arrived.		Lausanne	48	—	0	—
Palermo						46	—	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, 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.

2 <sup>nd</sup> Nov. 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.52	11.37	4.22
Greenwich	6.57	11.44	4.31
Wick	7.32	11.56	4.20
Valencia	7.39	12.25	5.11

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 3<sup>rd</sup> November

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 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.				
																			Ins.			Ins.
SCANDINAVIA.	Haparanda ...	29.93	42	W	4	0	30.04	+03	31	31	-10	NW	2	0	0	46	28	*	-			
	Hernösand ...	30.25	41	WNW	4	0	30.22	-14	46	42	+7	W	2	bc	0	50	36	*	-			
	Stockholm ...	30.47	39	Z	0	b	30.34	-18	34	33	0	WSW	2	b	0	45	28	*	-			
	Wisby ...	30.58	45	W	7	b	30.36	-18	41	39	-2	NW	2	0	0	48	39	*	-			
	Karlstad ...	30.49	33	Z	0	b	30.39	-21	32	31	+4	W	2	0	0	39	36	*	-			
	Färder (X'ania Fjord) ...	30.51	36	SW	4	0	30.43	-17	39	39	+2	W	1	m	0	39	36	*	-			
	Bodö ...	30.13	44	SW	6	+	30.13	-05	39	36	-8	N	4	bc	0	46	34	*	0.47			
	Christiansund ...	30.47	46	SW	3	b	30.38	-16	48	46	+8	WSW	8	c	0	48	34	*	-			
	Skudesnaes ...	30.58	44	E	2	b	30.47	-15	42	41	+2	E	2	bc	0	48	37	*	-			
	Sumburgh Head ...	30.37	49	S	2	0	30.32	-09	48	47	-1	SW	1	0	3	52	45	*	-			
BRITISH ISLANDS.	Stornoway ...																					
	Malin Head ...	30.25	49	SE	2	0	30.27	+02	51	50	+5	SE	1	ogm	2	51	45	*	-			
	Blackod Pt. ...	30.20	50	SE	3	0	30.20	-01	51	50	+3	SE	2	bc	2	51	47	*	0.01			
	Valencia ...	30.18	53	ESE	4	0	30.17	-01	55	52	+4	ESE	4	bc	4	55	50	0.0	0.01			
	Roche's Point ...	30.23	53	S	4	0	30.19	-01	54	52	+2	SE	4	m	4	54	50	*	-			
	Parsonstown ...	30.22	52	SE	1	+	30.24	-00	52	50	+4	SE	1	c	*	53	47	0.0	0.02			
	Donaghadee ...	30.32	52	SSE	3	0	30.33	+02	52	50	+2	SSE	3	0	3	52	49	*	-			
	Liverpool Obsy. ...	30.37	49	E	2	0	30.37	-00	35	34	-3	E	3	f	?	51	33	*	-			
	Holyhead ...	30.32	50	S	1	c	30.32	+02	44	43	-3	S	1	bc	0	55	42	*	-			
	Pembroke (St. Ann's) ...	30.28	53	ESE	4	c	30.28	+04	49	47	-4	E	5	cgm	4	c	56	48	1.7	-		
GERMANY, &c.	Scilly (St. Mary's) ...	30.24	54	SE	4	0	30.24	+05	53	50	-2	ESE	4	b	3	56	50	0.0	0.03			
	Jersey (St. Aubins) ...	30.32	54	E	1	bc	30.34	+03	45	44	-5	Z	0	bc	0	54	44	3.3	-			
	Portland Bill ...	30.34	52	E	3	bc	30.34	+03	47	46	-5	E	3	b	2	56	46	*	-			
	Dungeness ...	30.37	51	SE	3	b	30.38	-01	48	46	0	SE	2	b	2	53	46	*	-			
	Wick ...	30.29	46	SSE	2	b	30.31	-04	48	47	0	S	1	0	2	51	43	*	-			
	Nairn ...	30.33	43	SW	1	b	30.33	-04	42	41	+12	Z	0	c	1	51	29	*	0.04			
	Aberdeen ...	30.38	50	S	3	0	30.38	-05	43	42	-6	SW	1	bc	2	52	37	2.6	-			
	Leith ...	30.36	46	ESE	1	bc	30.35	-03	37	37	-4	Z	0	bc	*	53	37	*	-			
	North Shields ...	30.41	49	SE	1	b	30.40	-00	45	44	-3	SSW	2	f	3	52	41	*	-			
	Spurn Head ...	30.40	51	SE	3	b	30.40	-02	49	48	+1	SE	2	bw	2	b	55	40	*	-		
FRANCE.	Yarmouth ...	30.41	52	ESE	4	b	30.39	-02	51	50	+1	ESE	3	bw	3	b	53	49	*	-		
	Loughborough ...	30.42	37	E	1	b	30.43	+02	30	30	+2	NNE	1	f	*	56	28	*	-			
	Oxford ...	30.41	36	E	1	b	30.42	+02	28	28	-11	N	1	f	*	54	27	*	-			
	London (Brixton) ...	30.39	46	NE	1	b	30.40	+01	35	35	-5	Z	0	f	*	55	33	1.3	0.01			
	The Scaw (Skagen) ...	30.51	45	Z	0	c	30.43	-14	43	43	-4	NW	1	0	0	48	41	*	-			
	Fanö ...	30.59	34	Z	0	b	30.55	-09	35	35	+1	S	1	f	*	43	32	*	-			
	Cuxhaven ...	30.61	44	SSE	1	b	30.56	-08	29	29	-6	S	1	f	*	44	28	*	-			
	The Helder ...	30.49	46	ESE	2	b	30.46	-06	41	39	-2	ESE	1	b	0	48	41	*	-			
	Brussels ...						30.43	-03	40	36	+3	SE	1	b	*	53	34	*	-			
	Berlin ...	30.60	43	NNW	1	0	30.55	-09	42	39	+4	W	1	0	*	48	39	*	-			
SPAN. PEN.	Frankfurt ...	30.52	40	E	2	b	30.50	-04	33	32	-1	E	2	b	*	55	32	*	-			
	Munich ...	30.47	33	SE	3	b	30.43	-06	29	29	0	E	1	f	*	45	25	*	-			
	C. Gris Nez ...	30.38	37	SE	4	c	30.37	-03	38	36	+1	SE	3	bc	2	c	52	36	*	-		
	Brest ...	30.20	54	Z	0	c	30.28	+02	51	49	+3	ESE	2	b	1	c	61	48	*	-		
	Lorient ...	30.30	54	SE	1	c	30.30	+05	48	46	+3	E	3	b	2	c	57	46	*	-		
	Rochefort ...	30.35	55	SE	2	b	30.36	+03	45	44	-5	SE	3	b	*	64	43	*	-			
	Biarritz ...	30.28	58	NNE	2	b	30.28	+02	50	46	-1	ESE	3	b	0	b	64	46	*	-		
	Paris ...	30.38	41	E	2	b	30.39	-01	28	28	-3	NNE	2	b	*	52	27	*	-			
	Belfort ...	30.39	36	ENE	4	m	30.39	+01	31	31	+1	ENE	3	m	*	45	30	*	-			
	Lyons ...	30.38	41	NNW	1	b	30.42	+04	37	37	-1	Z	0	f	*	51	36	*	-			
Nice ...	30.25	56	NE	4	b	30.32	-12	44	37	-9	NE	1	b	3	b	61	43	*	-			
Perpignan ...	30.29	52	Z	0	0	30.34	+07	39	37	-4	SW	2	b	*	63	37	*	-				
SPAN. PEN.	Corunna ...	30.15	59	NW	1	0	30.12	-7	53	50	-1	ESE	3	b	2	0	61	46	*	-		
	Lisbon ...	30.15	56	SSW	1	b	30.13	-04	51	49	0	NE	2	0	*	64	50	*	-			
	Azores (P. Delgada) ...	29.99	60	NNW	3	b	29.97	+06	61	57	0	NNW	4	b	3	b	68	57	*	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 Sunday, 3<sup>rd</sup> November, 1901.

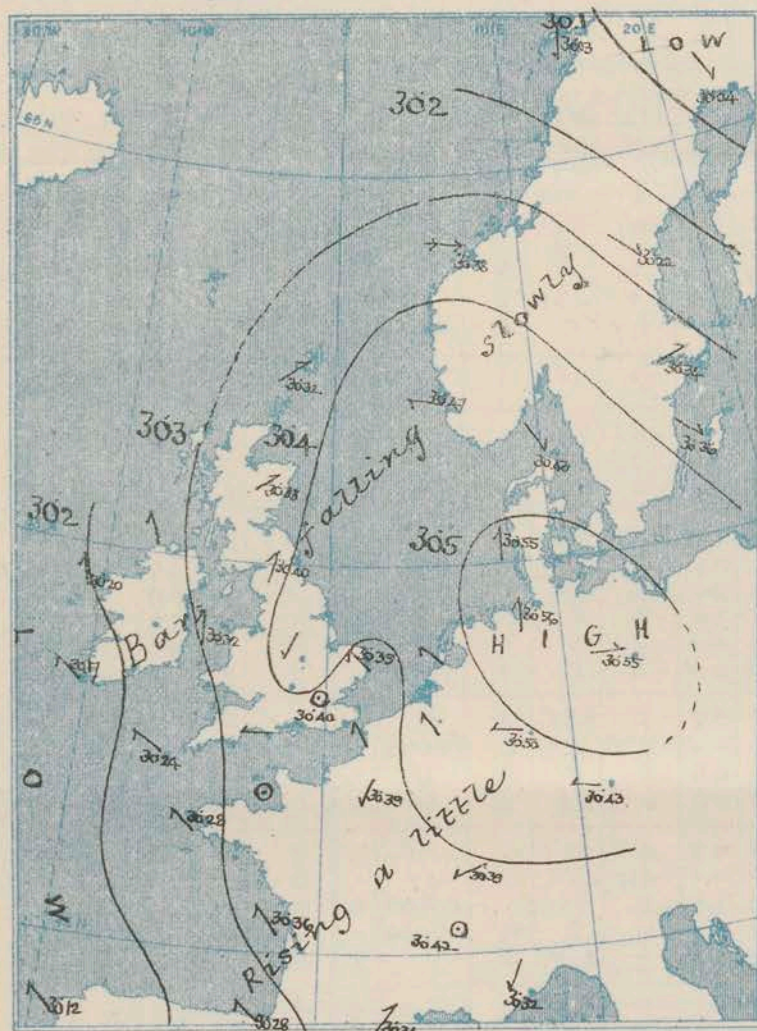
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BAROMETER.—Isobars are drawn for each tenth of an inch.

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 :

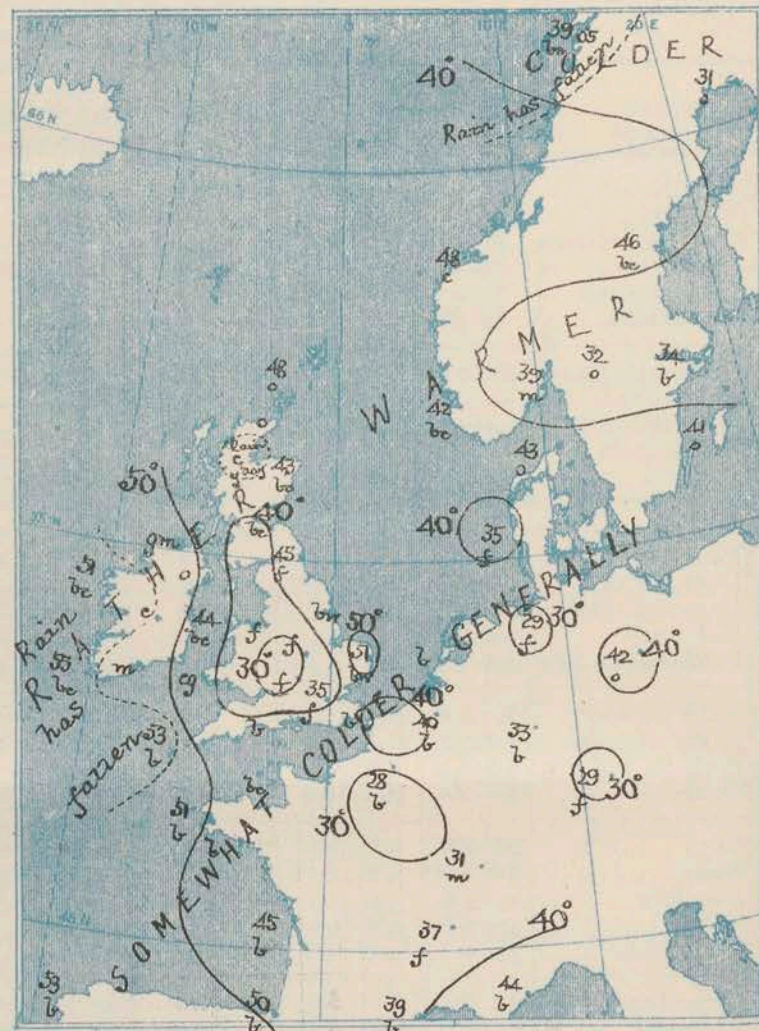


## II. TEMPERATURE AND WEATHER. This Morning.

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



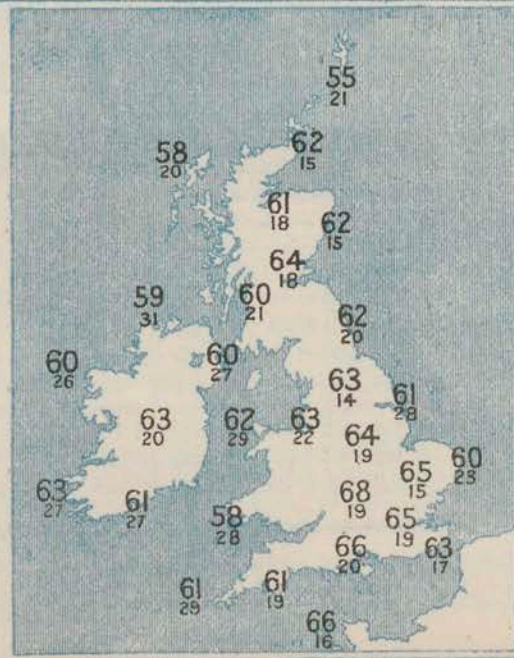
## III. BAROMETER AND WIND

Yesterday morning.



## IV. EXTREMES OF TEMPERATURE in month of NOVEMBER (1871-1900)

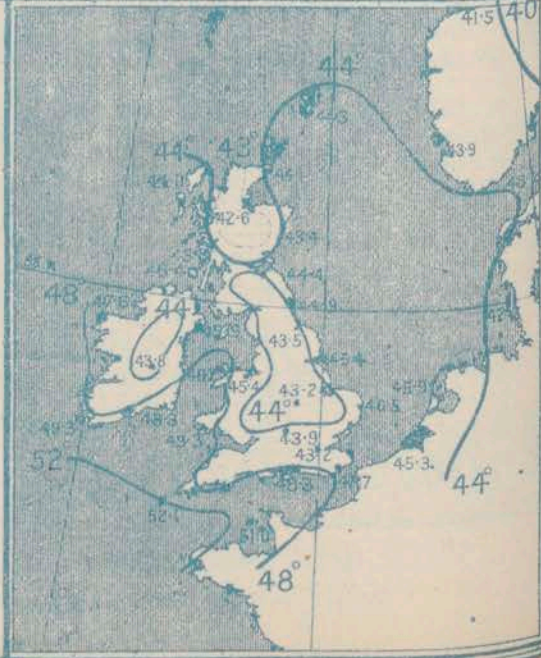
Specimen { Highest Max. 62  
(for Shields) { Lowest Min. 20  
Malin Head & Black.sod. Belmullet. Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the Two monthly period

October - November (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

A large anticyclone covers all but the extreme W<sup>m</sup> and N<sup>m</sup> parts of our area, the highest pressures, 30.5 ins. and upwards, being at present reported over Germany and the S. of Denmark. The lowest readings, 30.1 ins. and less, are found over the N. of Sweden. In our islands and France, the barometrical changes are slight and irregular, but in Scandinavia, Denmark and Germany the mercury is falling slowly.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light from the E<sup>nd</sup> or SE<sup>nd</sup> over western Europe as a whole, but is SW<sup>ly</sup> in the north of Scotland and W. in Scandinavia, with a gale at Christiansund. Temperature has fallen in most places but has risen in Scandinavia and also in Ireland and the N. of Scotland. On the English, Irish and French coasts the thermometer is still rather high for the time of year, the readings in Ireland ranging from between 51° and 55°. Elsewhere the readings are low, frost being prevalent over the inland parts of England and also in many parts of France, Germany and Sweden. The lowest readings reported are; (1) In our islands 28° at Croford and 30° at Newton Reigny, Loughborough and Bath; (2) On the Continent 28° at Paris and 29° at Cuxhaven and Munich. The weather is foggy over the N<sup>m</sup> and central parts of England, as well as at several of the Danish and German stations and at Lyons. In nearly all other parts of our area the weather is fine but in the N. of Scotland the sky is cloudy or dull. The sea is slight or smooth generally, but moderate off the S. of Ireland and rather rough at Christiansund.

During yesterday the thermometer rose to between 50° and 55° in most parts of the United Kingdom and to 57° at Jersey; in the W. and S. of France it exceeded 60° and at Rochefort and Biarritz it touched 64°. The amount of Bright Sunshine was mostly small but was rather large at some of our central and NW<sup>m</sup> stations (4.4 hrs. at Birmingham and 5.5 hrs. at Llandudno). Slight rain fell at a few of our W<sup>m</sup> and extreme N<sup>m</sup> stations, but over W. Europe as a whole the weather remained dry.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS \*

For the 24 hours ending at NOON on 4<sup>TH</sup> NOVEMBER 1901

### 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

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	*	*	*	*	*	*	*	*	*	*	b	*	b	53	45	8.2	—
Newton Reigny (Penrith)	30.38	45	Z	b	30.36	.00	30	29	-8	Z	b	*	bcb	53	27	5.6	—
Bath	30.35	44	E	m	30.37	+0.2	30	30	-12	E	f	*	m	54	28	0.0	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	50	32	b.c.	3.4	—	Worthing	*	*	*	7.9	*
Birmingham, 9 p.m.	54	35	b.	4.4	—	Llandudno	*	*	*	5.5	*
Lowestoft, to 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	*	*
Hastings	*	*	*	*	*	Southport, 9 p.m.	54	33	b	2.1	0.0
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	61	39	b	2.2	—
Brighton	*	*	*	*	*	Darwen, 9 p.m.	*	*	*	*	*

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) NOV. 2 <sup>nd</sup>	—	—	—	Ins.	Algiers ... NOV. 2 <sup>nd</sup>	63	55	o, c	0.28
Madrid	54	43	o, o	—	Tunis	68	50	o, o	0.34
Corsica (I. Sanguinaires)	64	55	m, m	—	Vienna	52	33	b, b	—
Rome	61	48	o, b	—	St. Petersburg	36	28	b, r	—
Florence	53	46	m, b	—	Lugano	50	—	o	0.35
Trieste	50	39	b.c., b	—	Davos	52	—	b	—
Brindisi	66	54	r, r	0.39	Lucerne	41	—	o	—
Naples	63	50	o, c	0.28	Lausanne	41	—	m	—
Palermo	40	50	b, o	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, 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 <sup>rd</sup> Nov 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.54	11.37	4.20
Greenwich	6.59	11.44	4.29
Wick	7.35	11.56	4.17
Valencia	7.41	12.25	5.9

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 4<sup>th</sup> November 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.	Haparanda ...	30.15	24	Z	0	b	30.20	+16	22	21	-9	Z	0	b	+	b	43	22	*	-	
	Hernösand ...	30.22	39	Z	0	b	30.34	+12	30	29	-16	Z	0	b	+	b	50	37	*	-	
	Stockholm ...	30.26	37	Z	0	b	30.34	+00	34	33	0	W	2	b	+	b	43	30	*	-	
	Wisby ...	30.18	43	NW	4	0	30.33	-03	45	41	+4	NNE	4	0	+	0	45	37	*	-	
	Karlstad ...	30.38	28	N	2	f	30.40	+01	32	30	0	N	2	bc	+	f	*	*	-	-	
	Færder (Glania Fjord) ...	30.35	40	N	1	0	30.37	-06	41	38	+2	NNE	4	0	2	0	41	37	*	-	
	Bodö ...	30.30	38	N	2	bc	30.26	+13	44	39	+5	WSW	6	0	3	bc	44	34	*	-	
	Christiansund ...	30.38	46	WSW	3	0	30.36	-02	46	45	-2	ENE	3	0	4	0	48	45	*	0.04	
	Skudesnaes ...	30.44	46	SE	2	0	30.37	-10	44	43	+2	ENE	2	0	2	0	50	41	*	*	
	Sumburgh Head ...	30.28	50	S	1	0	30.28	-04	47	46	-1	Z	0	0	3	0	58	43	*	0.01	
BRITISH ISLANDS.	Stornoway ...	30.26	49	SE	2	c	30.27	+00	49	48	-2	SE	1	bc	1	c	54	47	*	-	
	Malin Head ...	30.18	53	SE	3	c	30.21	+01	53	50	+2	SE	4	bc	3	c	55	51	*	-	
	Blacksod Pt. ...	30.13	56	ESE	5	0	30.20	+03	55	52	0	SE	3	0	4	0	58	54	0.2	-	
	Valencia ...	30.21	53	SSE	4	c	30.25	+11	54	52	0	SSE	4	bc	4	c	55	52	*	-	
	Roche's Point ...	30.24	52	SE	2	0	30.29	+05	49	48	-3	ESE	1	c	*	0	54	48	0.0	-	
	Donaghadee ...	30.28	48	WSW	1	bc f	30.33	+00	51	50	-1	SSE	2	0	0	bc, f	53	44	*	-	
	Liverpool Obsy. ...	30.34	38	E	3	m	30.36	-01	33	33	-2	E	3	f	?	m	47	31	*	-	
	Holyhead ...	30.31	49	S	1	c	30.33	+01	46	45	+2	S	1	bc	1	c	55	42	*	-	
	Pembroke (St. Ann's) ...	30.26	52	Z	0	0	30.29	+01	44	43	-5	ENE	3	bc	3	0	55	42	0.1	-	
	Scilly (St. Mary's) ...	30.19	55	ESE	4	bc	30.19	-05	53	51	0	ESE	4	bc	3	0	57	50	4.7	-	
GERMANY, &c.	Jersey (St. Aubins) ...	30.30	52	ENE	3	bc	30.30	-04	45	43	0	ENE	2	bc	0	bcw	59	38	8.7	-	
	Portland Bill ...	30.32	52	E	2	bc	30.32	-02	45	45	-2	ENE	3	bc	3	bc	56	43	*	-	
	Dungeness ...	30.35	49	E	2	b	30.33	-05	51	48	+3	E	3	bc	2	b	54	36	*	-	
	Wick ...	30.27	48	Z	0	0	30.28	-03	34	33	-14	NW	1	c	1	c	52	33	*	0.03	
	Nairn ...	30.31	41	Z	0	b	30.31	-02	34	33	-8	Z	0	b	1	b	52	30	*	-	
	Aberdeen ...	30.34	45	S	1	b	30.32	-06	32	32	-11	WSW	1	bc	1	b	51	31	1.7	-	
	Leith ...	30.31	42	Z	0	m	30.34	-01	32	32	-5	WNW	2	f	*	m	51	27	*	-	
	North Shields ...	30.36	44	S	2	f	30.35	-05	35	35	-10	S	1	f	2	f	50	34	*	-	
	Spurn Head ...	30.38	50	ESE	3	b	30.38	-02	38	37	-11	N	1	f	1	b	55	35	*	0.01	
	Yarmouth ...	30.36	51	SE	4	b	30.36	-03	38	37	-13	SSE	1	bc	3	b	52	36	*	-	
FRANCE.	Loughborough ...	30.40	36	WSW	1	f	30.41	-02	30	30	0	Z	0	of	*	fd	38	30	*	0.01	
	Oxford ...	30.39	33	N	1	f	30.40	-02	26	26	-2	N	1	f	*	f	39	25	*	-	
	London (Brixton) ...	30.40	35	Z	0	f	30.38	-02	35	35	0	Z	0	f	*	f	51	32	0.0	-	
	The Scaw (Skagen) ...	30.38	48	NW	2	bc	30.35	-08	44	44	+1	NW	1	f	0	bc	50	43	*	-	
	Fanö ...	30.47	40	W	1	y	30.43	-12	31	31	-4	Z	0	f	*	m	50	16	*	-	
	Cuxhaven ...	30.51	36	Z	0	b	30.45	-11	36	35	+7	SW	1	b	*	b	41	28	*	-	
	The Helder ...	30.41	44	ESE	1	b	30.41	-05	39	38	-2	ESE	1	b	0	b	48	36	*	-	
	Brussels ...	*	*	*	*	*	30.38	-05	30	30	-10	ESE	1	f	*	b	54	27	*	-	
	Berlin ...	30.48	40	Z	0	b	30.44	-11	33	32	-9	Z	0	b	*	b	45	32	*	-	
	Frankfurt ...	30.42	28	NE	2	b	30.41	-09	30	30	-3	NE	2	b	*	b	48	30	*	-	
SPAN. PEN.	Munich ...	30.38	29	SE	1	b	30.37	-06	24	24	-5	SE	2	f	*	b	39	23	*	-	
	C. Gris Nez ...	30.35	44	E	1	b	30.32	-05	38	37	0	E	3	bc	2	b	48	28	*	-	
	Brest ...	30.24	56	SE	1	b	30.25	-03	46	44	-5	ESE	2	b	2	b	63	45	*	-	
	Lorient ...	30.26	56	E	3	bc	30.23	-07	42	41	-6	E	4	b	2	bc	61	41	*	-	
	Rochefort ...	30.32	54	Z	0	b	30.28	-08	38	38	-7	SE	3	f	*	b	64	37	*	-	
	Biarritz ...	30.24	59	E	3	b	30.19	-09	48	43	-2	SSE	3	b	0	b	68	43	*	-	
	Paris ...	30.34	39	ENE	2	b	30.34	-05	28	28	0	N	2	b	*	b	51	27	*	-	
	Belfort ...	30.34	36	ENE	2	m	30.31	-08	31	30	0	ENE	4	m	*	m	44	30	*	-	
	Lyons ...	30.37	39	N	1	f	30.33	-09	37	37	0	ENE	1	f	*	f	48	35	*	0.24	
	Nice ...	30.24	49	Z	0	b	30.21	-11	44	41	0	E	2	b	1	b	57	43	*	-	
SPAN. PEN.	Perpignan ...	30.27	49	SW	1	b	30.22	-12	38	37	-1	SW	2	bc	*	b	61	36	*	-	
	Corunna ...	30.01	59	E	2	0	29.96	-07	55	52	+4	NE	4	0	*	0	64	52	*	-	
Azores (P. Delgada) ...	30.07	59	NNW	4	bc	30.03	+08	59	51	-2	NNW	4	+	3	bc	66	54	*	-		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR *Monday, 4<sup>th</sup> November, 1901.*

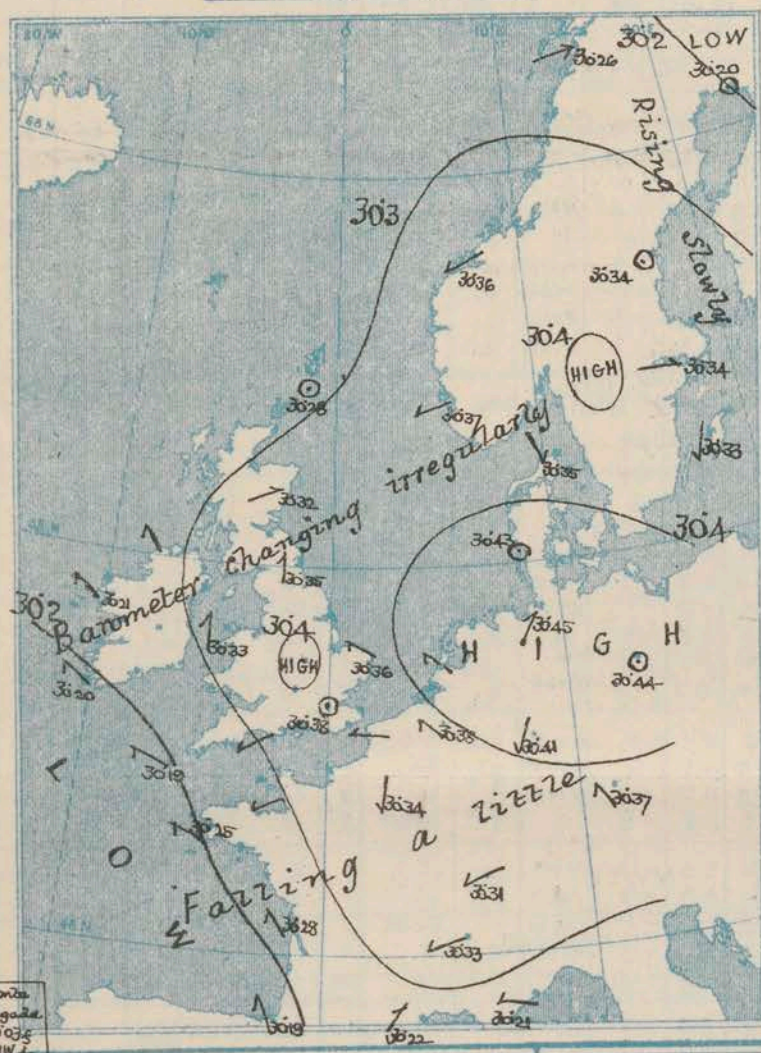
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

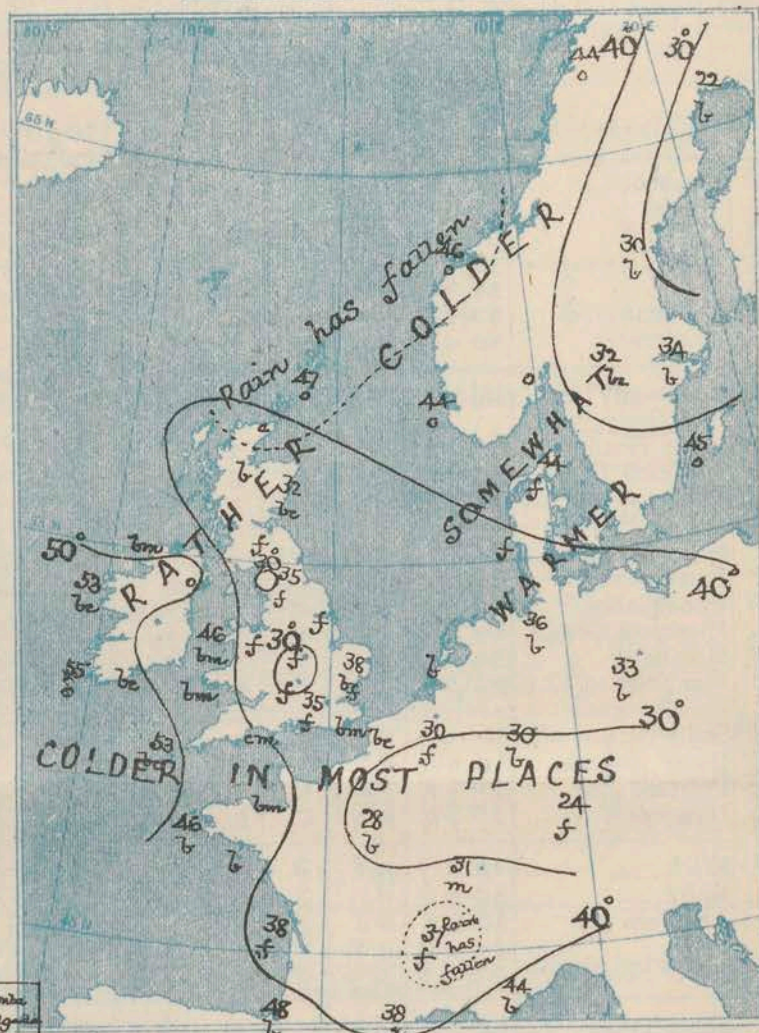


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

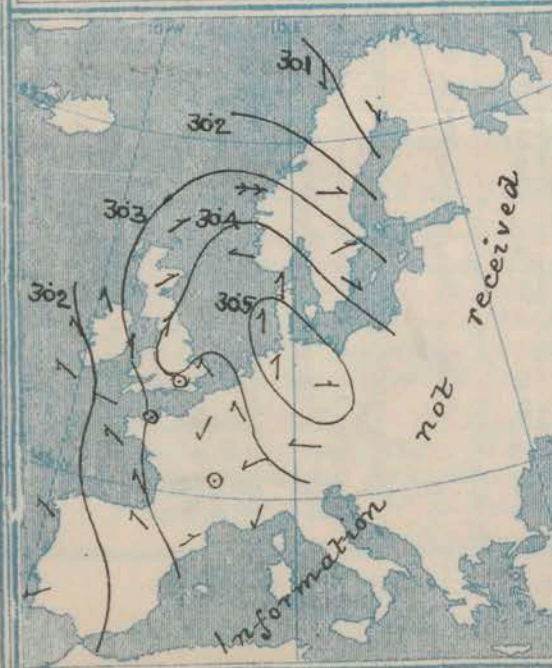
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

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.*

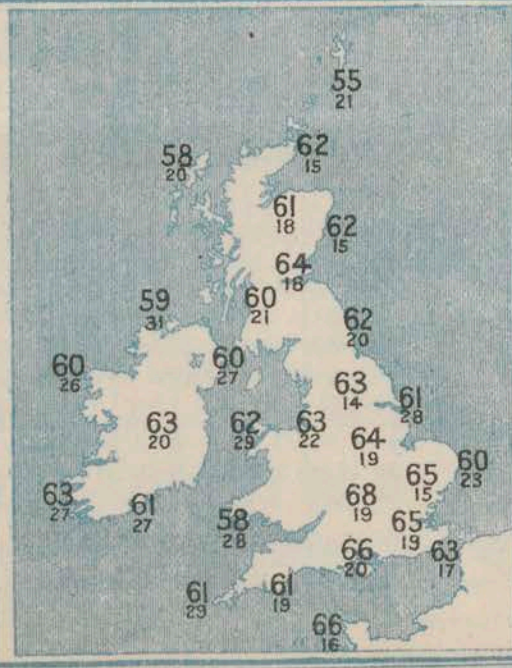


## IV. EXTREMES OF TEMPERATURE

*in month of NOVEMBER (1871-1900)*

Specimen { Highest Max, 62  
(for Shields) { Lowest Min, 20

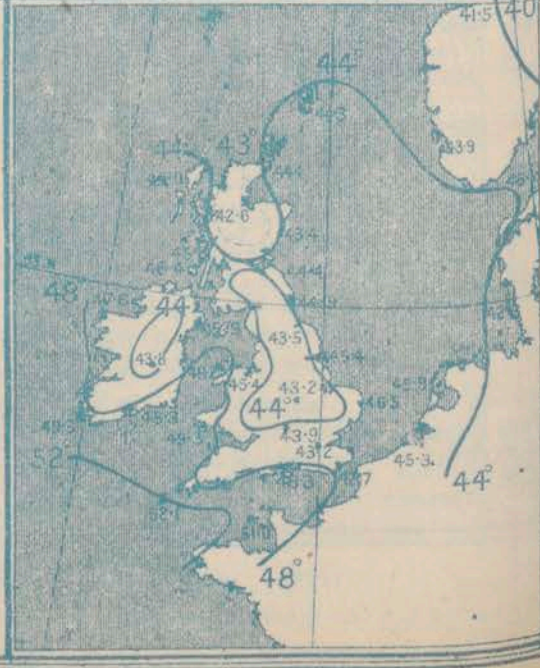
*Malin Head & Black s.d. - Belmullet Values are for only 15 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Two monthly period*

*October - November (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

A large anticyclone still covers the greater part of W<sup>m</sup> and central Europe; the highest barometer readings, 30.4 ins. and upwards, being at present found in a large area over Germany and the Netherlands and also in a much smaller area over central England. The lowest pressures, 30.2 ins. and upwards, are found (1) Over Lapland, and (2) Over the Bay of Biscay and our own S.W. coasts. The barometer is falling a little in France and Germany and rising in Sweden; elsewhere the changes are slight and very irregular.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light from the E<sup>nd</sup> or NE<sup>nd</sup> over the south of England, and also over the Netherlands, central France and south Germany. On the west coasts of our Islands and France it is light to moderate from the SE<sup>nd</sup>, while in Scotland it is calm or light from the W<sup>nd</sup>; calms are also reported over the Gulf of Bothnia but in the S. of Scandinavia the wind is light to moderate from the N<sup>nd</sup>. Temperature has fallen in most places and is now low for the time of year excepting on our own west and south coasts where the thermometer at many stations is slightly above 50°. Frost prevails over the northern and central parts of St. Britain and also in Sweden, Germany, Belgium and central France, the lowest temperatures reported being:— In our Islands 26° at Bopford and 28° at Bath and Newton, Reims (Tearith); On the Continent 22° at Haparanda, 24° at Munich and 28° at Paris. Fog prevails over the greater part of England and also in many parts of France, Belgium, Germany and Denmark. Elsewhere the weather is mostly fine; an overcast sky being, however, reported at the Norwegian stations. The sea is slight or smooth generally, but moderate off the S. of Ireland.

During yesterday the thermometer rose to 55° and upwards on many parts of our W. and S.W. coasts, and to 59° at Jersey; over central England it did not reach 40°. The amount of Bright Sunshine was large on the English and Welsh coasts more than 12 hours being reported in many places and nearly 8½ at Littlestone on Sea, elsewhere the amount was small and in London and at Parsonstown there was none. Slight rain fell yesterday in the extreme N. of Scotland and the W. of Norway and a somewhat larger quantity at Lyons, but over our area as a whole the weather remained dry.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any material changes. The barometrical movements are slight and are in favour of a still greater uniformity of pressure so that light breezes are still probable with fog in the inland districts.

## FORECASTS\*

For the 24 hours ending at NOON on 5<sup>TH</sup> NOVEMBER 1901

### DISTRICTS.

### FORECASTS.

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

Variable or light W<sup>ly</sup> airs, fair generally, but some fog or mist.

Same as No. 5.

Light variable airs, fine in places, but mostly foggy, frosty at night.

### DISTRICTS.

### FORECASTS.



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

E<sup>ly</sup> or SE<sup>ly</sup> winds, light, fair generally, but some fog or mist.

SE<sup>ly</sup> winds, light or moderate, fair 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 5 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	*	*	*	*	*	*	*	*	*	*	b	*	b	54	35	8.0	-
Newton Reigay (Penrith)	30.34	40	Z	b	30.38	-00	28	24	-2	Z	b	*	b	55	24	6.5	-
Bath	30.36	36	E	f	30.36	-01	28	28	-2	E	f	*	f	49	27	5.6	-

## 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.	46	35	m	0.0	0.01	Worthing	*	*	*	7.8	*
Birmingham, 9 p.m.	46	32	f	0.0	-	Llandudno	*	*	*	6.9	*
Lowestoft, to 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	3.0	*
Hastings	*	*	*	7.9	*	Southport, 9 p.m.	51	31	o.f	5.9	-
Eastbourne	*	*	*	7.8	*	Manchester, 9 p.m.	50	35	b	3.6	-
Brighton	*	*	*	7.8	*	Darwen, 9 p.m.	52	34	bm	7.0	-

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) Nov 3				Inch.	Algiers ... Nov. 3				Inch.
Madrid					Tunis			Information	
Corsica (I. Sanguinaires)					Vienna			not arrived	
Rome			Information		St. Petersburg				
Florence					Lugano	1 p.m.			Measured 7 a.m. 24
Trieste			not		Davos	52		0	
Brindisi					Lucerne	52		0	
Naples			arrived.		Lausanne	49		0	
Palermo						43		m	

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

4 <sup>th</sup> Nov. 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.56	11.37	4.18
Greenwich	7.1	11.44	4.27
Wick	7.38	11.56	4.14
Valencia	7.43	12.25	5.7

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 Tuesday 5<sup>th</sup> November

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 82° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		Weather.	At 82° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Weather.	Max.			Min.
SCANDINAVIA.																					
Haparanda ...		29.94	30	W	2	b	29.94	-23	36	25	+14	NW	2	c	*	b	32	18	*	-	
Hernösand ...		30.26	35	Z	0	b	30.19	-15	35	30	+5	Z	0	b	*	b	43	30	*	-	
Stockholm ...		30.49	34	Z	0	b	30.33	-01	36	34	+2	WSW	2	b	*	b	43	28	*	-	
Wisby ...		30.43	34	NNE	2	b	30.38	+05	44	41	-1	W	4	b	*	b	48	32	*	-	
Karlstad ...		30.41	32	NE	2	b	30.34	-06	28	24	-4	N	2	f.	*	b	"	"	"	-	
Færder (X'ania Fjord) ...		30.41	43	NE	2	o	30.35	-02	40	40	-1	Z	0	o	0	o	43	39	*	-	
Bodö ...		30.20	46	SW	6	o	30.04	-22	44	41	0	S	4	o	2	o	46	41	*	-	
Christiansund ...		30.36	46	W	2	o	30.23	-13	44	44	+1	WSW	2	o	4	o	46	45	*	-	
Skudesnaes ...		30.38	48	Z	0	o	30.34	-03	48	45	+4	SSW	2	o	2	o	48	43	*	-	
BRITISH ISLANDS.																					
Sumburgh Head ...		30.28	46	Z	0	o	30.20	-08	50	49	+3	WSW	2	o	3	o	51	45	*	-	
Stornoway ...																					
Malin Head ...		30.30	50	SE	1	c	30.34	+04	48	46	-1	SE	1	bcm	1	c	55	45	*	-	
Blacksod Pt. ...		30.26	53	SSW	2	b	30.35	+14	50	48	-3	SSW	1	bcm	2	b, b	56	44	*	-	
Valencia ...		30.26	53	ENE	1	b	30.36	+16	36	35	-19	NE	1	b	3	b, b	60	36	6.6	-	
GERMANY, &c.																					
Roche's Point ...		30.31	52	SSE	2	b	30.40	+15	49	44	-5	SSE	2	c	3	b, b	56	41	*	-	
Parsonstown ...		30.30	44	SE	1	b	30.40	+11	30	30	-19	NE	1	f	*	b	56	30	7.4	-	
Donaghadee ...		30.32	48	WSW	2	b	30.39	+06	46	46	-5	WSW	1	f	1	b	52	35	*	-	
Liverpool Obsy. ...		30.26	36	E	3	f	30.44	+08	32	32	-1	E	3	f	1	b	54	31	*	0.01	
Holyhead ...		30.33	48	Z	0	f	30.41	+08	42	41	-4	S	1	f	0	b	53	38	*	-	
Pembroke (St. Ann's) ...		30.29	48	ENE	4	c	30.38	+09	43	42	-1	ENE	4	only	3	c	51	42	6.4	-	
FRANCE.																					
Scilly (St. Mary's) ...		30.24	54	ESE	5	b	30.31	+12	53	51	0	ESE	4	bcm	3	b, b	54	51	8.6	-	
Jersey (St. Aubins) ...		30.27	50	E	2	b	30.34	+04	43	41	-2	NE	2	bcm	2	b	54	36	8.0	-	
Portland Bill ...		30.32	49	E	3	b	30.41	+09	41	41	-4	ENE	3	f	3	b, b	53	41	*	-	
Dungeness ...		30.34	50	E	3	b	30.41	+08	29	29	-22	N	2	f	2	b	52	28	*	-	
SPAN. PEN.																					
Wick ...		30.25	40	Z	0	f	30.26	-02	45	44	+11	S	1	c	0	f	53	33	*	-	
Nairn ...		30.29	43	Z	0	f	30.33	+02	41	40	+4	SW	1	b	1	b	49	32	*	0.01	
Aberdeen ...		30.32	34	WNW	1	f	30.36	+04	34	33	+2	W	1	b	1	b, b	46	32	0.5	0.01	
Leith ...		30.32	44	Z	0	f	30.38	+04	34	34	+2	NW	2	b	*	b	52	30	*	-	
North Shields ...		30.36	43	SSW	1	f	30.39	+04	35	34	0	SSW	1	f	2	f	45	33	*	-	
GERMANY, &c.																					
Spurn Head ...		30.38	40	SSE	1	f	30.44	+06	39	39	+1	SSW	2	f	2	f	43	36	*	0.02	
Yarmouth ...		30.36	48	E	3	f	30.42	+06	31	30	-4	ESE	3	f	3	f	51	28	*	-	
Loughborough ...		30.41	34	SSW	1	f	30.44	+06	32	32	+2	ESE	1	f	*	f	34	30	*	0.02	
Oxford ...		30.42	35	NE	1	f	30.48	+08	33	33	+4	NE	1	f	*	f	34	25	*	0.02	
London (Brixton) ...		30.34	34	Z	0	f	30.45	+04	34	34	-1	Z	0	f	*	f	38	32	0.0	-	
GERMANY, &c.																					
The Scaw (Skaggon) ...		30.36	43	Z	0	o	30.34	+02	44	44	0	SSW	1	b	0	o	50	34	*	-	
Fanö ...		30.44	44	W	4	c	30.45	+02	45	44	+14	SW	1	c	*	c	52	32	*	-	
Cuxhaven ...		30.48	42	W	1	f	30.50	+05	34	34	+1	S	1	f	*	f	43	36	*	-	
The Helder ...		30.40	44	E	1	f	30.44	+03	34	35	-2	ESE	1	f	0	f	46	36	*	-	
Brussels ...							30.45	+04	35	33	+5	SE	1	b	*	b	46	30	*	-	
Berlin ...		30.44	36	NW	2	f	30.51	+04	24	26	-6	SW	2	o	*	f	39	24	*	-	
Frankfurt ...		30.44	34	NE	1	f	30.50	+09	30	29	0	ENE	1	o	*	f	46	30	*	-	
Munich ...		30.39	24	Z	0	b	30.45	+08	24	24	+3	SE	4	f	*	b	34	21	*	-	
FRANCE.																					
C. Gris Nez ...		30.33	43	E	2	m	30.39	+04	43	39	+5	ENE	1	m	0	m	54	36	*	-	
Brest ...		30.22	53	ESE	1	b	30.24	+04	40	34	-6	NE	1	b	1	b	54	39	*	-	
Lorient ...		30.24	50	ENE	4	b	30.30	+04	39	39	-3	E	4	b	2	b	54	39	*	-	
Rochefort ...		30.20	44	SE	3	b	30.33	+05	38	38	0	SE	4	b	*	b	54	36	*	-	
Biarritz ...		30.14	60	E	3	b	30.22	+03	49	45	+1	ESE	1	b	0	b	66	45	*	-	
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

Tuesday, 5<sup>th</sup> November, 1901.

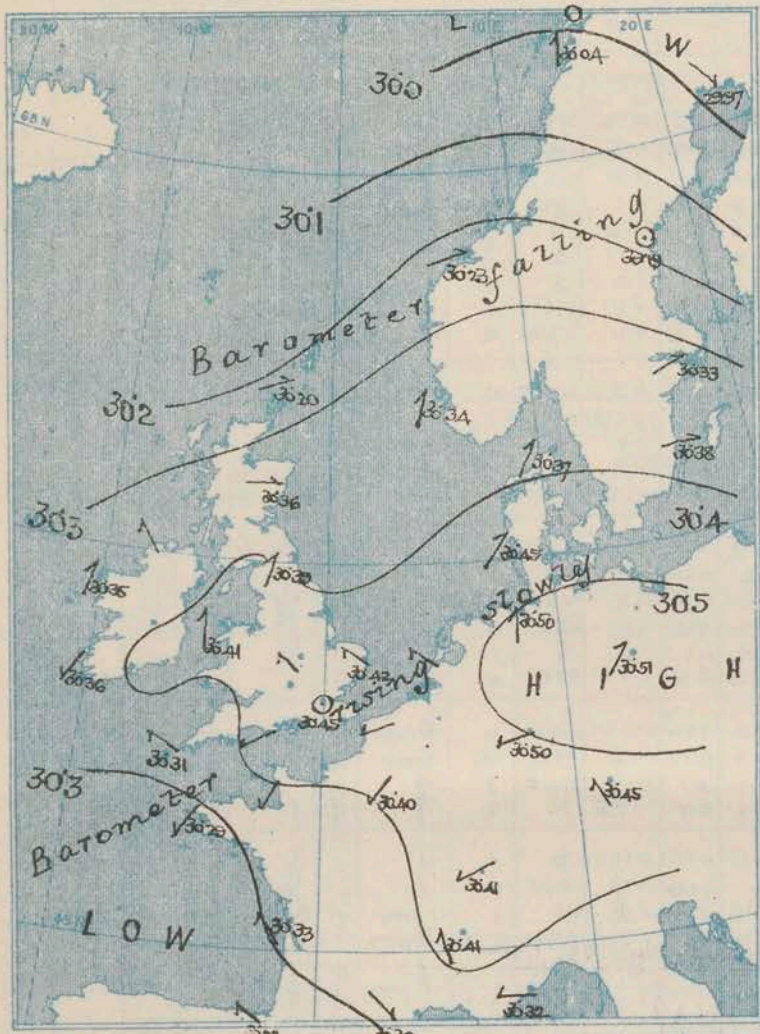
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

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

SEA.—Rough  : High

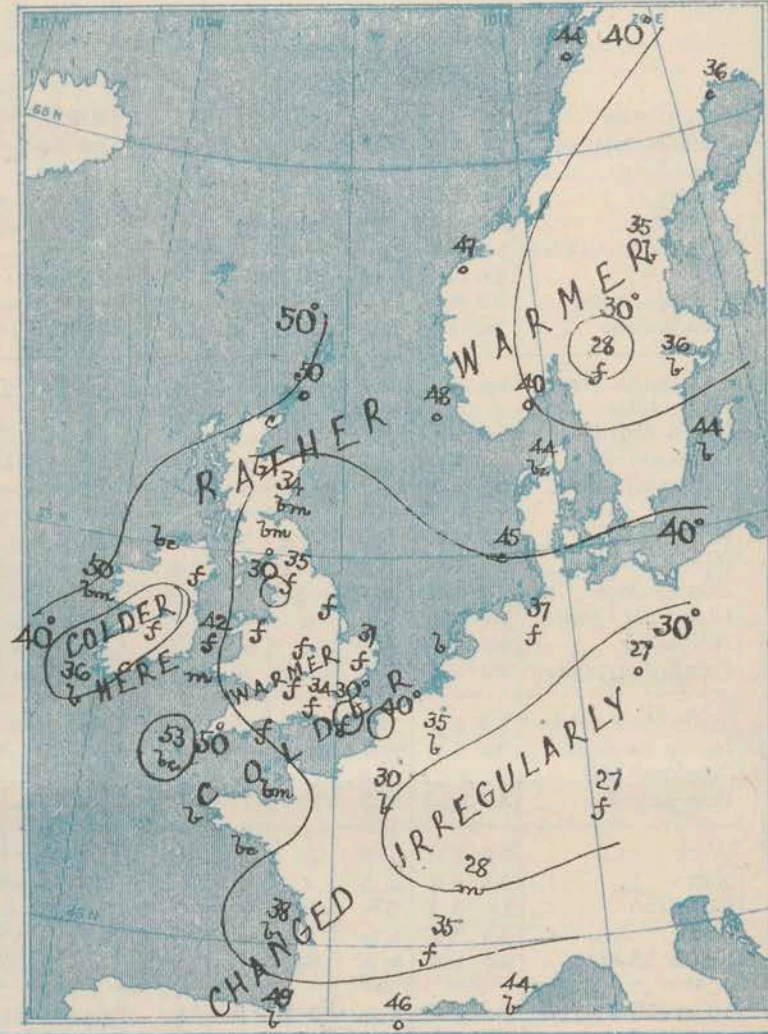


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

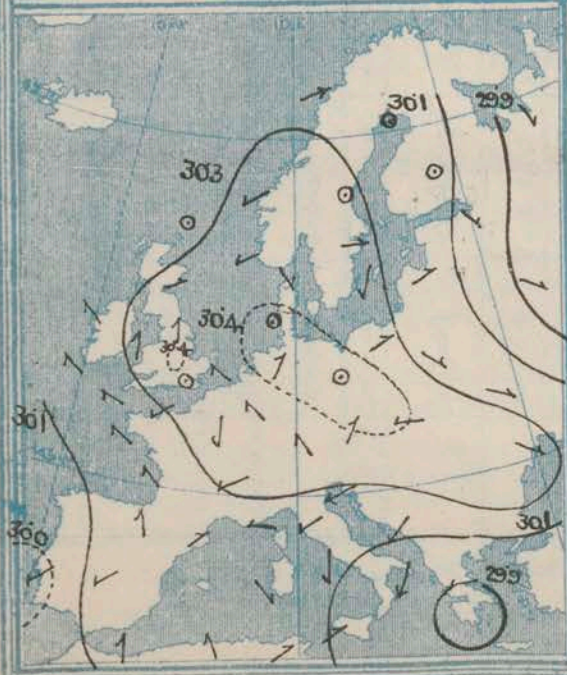
*WEATHER.*—Shown by Letters of the Beaufort Scale. (See P 4.)

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

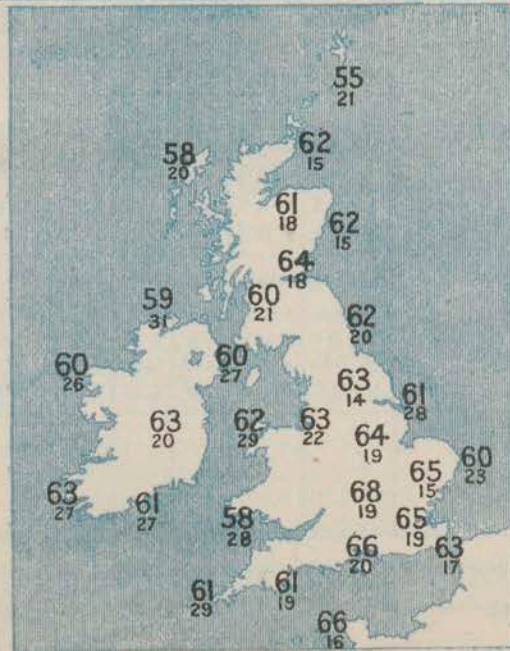
*Yesterday morning.*



#### IV EXTREMES OF TEMPERATURE

*in month of NOVEMBER (1871-1900)*

Specimen { Highest Max, 62  
(for Shields) { Lowest Min, 20  
Malin Head & Blacksod - Belmullet Values are for only 45 Yrs



### V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

*October - November (1871-1900.)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

A large anticyclone still covers the greater part of W<sup>m</sup> and central Europe the highest barometer readings, 30.5 ins. and upwards, being reported over Germany. The mercury is, however, now falling in Scandinavia and also in the Shetlands, and a low pressure system with readings below 30.0 ins. has appeared over Lapland. In all other parts of our area the barometer is at present rising.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is light from the E<sup>nd</sup> (SE to NE) over all the more southern parts of the United Kingdom and also over France, the Netherlands and western and southern Germany. In Scotland and the northeast of England and in Scandinavia it is light from between S and W. Temperature has risen in most of the latter regions, and also over central England, but has fallen in the west and south of our Islands, the change since yesterday morning amounting to as many as 22° at Dungeness and 19° at Parsonstown and Valentia. The highest reading at present reported is 53° at Scilly, but readings above 45° are reported on our extreme north and northwest coasts, and also in the west of Norway, the thermometer at Sunnbu<sup>rg</sup> H<sup>t</sup> and Blackhead Point standing at 50°. Frost prevails in many parts of England, France and Germany, and also over central Ireland, the lowest temperatures reported being:—In these Islands 25° at Newton Reigny (Penick), 29° at Dungeness and 30° at Parsonstown; on the Continent 27° at Berlin and Munich and 28° at Belfort. Fog prevails over nearly the whole of England, and also in some parts of Ireland, France and S. Germany; elsewhere the weather is mostly fine, but in Norway the sky is overcast. The sea is slight or smooth generally.

During yesterday the thermometer over the inland parts of England failed to reach 40°; at many of our coast stations, however, it exceeded 50° and on the Irish coasts it exceeded 55°, the maximum reading at Valentia being as high as 60°. Scarcely and bright Sunshine was recorded over the inland part of G<sup>rb</sup> Britain (on most places there was none) but at the coast stations the amount was considerable, & more than 8 hrs. at several of the English stations. No rain fell in any part of our area, but in some places a measurable quantity of water was deposited in the gullies, by dew or wet fog.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The low pressure system which has appeared over Lapland will probably be followed by others travelling northeastwards from the Atlantic, and the S.W. wind in the extreme north is likely to become more decided, with milder and less settled weather. Over the United Kingdom generally anticyclonic conditions are, however, likely to continue for the present.

## FORECASTS \*

For the 24 hours ending at NOON on 6<sup>th</sup> November, 1901

### DISTRICTS:

### FORECASTS.

0	{ SCOTLAND NORTH	SW <sup>y</sup> winds, moderate; fair at first, some rain later.
1	{ SCOTLAND EAST	SW <sup>y</sup> winds, light; fair generally, warmer.
2	{ ENGLAND N.E.	SW <sup>y</sup> winds, light; cold, foggy.
3	{ ENGLAND EAST	Light variable airs; cold, foggy, frost at night.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as no. 1
7	{ ENGLAND N.W.	Same as nos. 3 to 5.
8	{ ENGLAND S.W.	E <sup>y</sup> winds, light; misty or foggy in most places.
9	{ IRELAND NORTH	Light variable airs; fine in places, but mostly foggy or misty.
10	{ IRELAND SOUTH	

### WARNINGS

None issued.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.	Rain/fall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	30.34	36	ZO	b	30.44	+0.06	25	24	-3	ZO	b	*	b	53	31	8.0	-
Newton Reigny (Penrith)	30.34	36	ZO	b	30.44	+0.06	25	24	-3	ZO	b	*	b	51	23	6.0	-
Bath	30.34	32	E1	f	30.43	+0.07	35	30	+7	E1	m	*	f	38	28	0.0	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	37	32	b, m	1.5	-	Worthing	*	*	*	4.6	-
Birmingham, 9 p.m.	37	31	f	0.0	-	Llandudno	*	*	*	4.5	-
Lowestoft, to 6 p.m.	52	34	b	4.5	-	Rhyl	*	*	*	6.5	-
Hastings	*	*	*	8.2	*	Southport, 9 p.m.	*	*	*	0.0	-
Eastbourne	*	*	*	8.2	*	Manchester, 9 p.m.	*	*	*	*	-
Brighton	*	*	*	6.8	*	Darwen, 9 p.m.	50	35	b, m	5.6	-

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>Nov. 4.</i>	-	-	-	Ins.	Algiers ... <i>Nov. 4.</i>	68	54	c, b	0.04
Madrid	59	41	o, o	-	Tunis...	40	48	o, c	-
Corsica (I. Sanguinaires)	64	55	m, m	-	Vienna	45	28	c, b	-
Rome	58	42	b, b	-	St. Petersburg...	46	30	r, b	?
Florence	53	43	b, b	-	Lugano ... <i>Nov. 3.</i>	1 p.m.	-	Information	Measured 7 a.m. 3.4
Trieste	50	45	b, b	-	Davos	-	-	not arrived.	-
Brindisi	54	50	o, o	-	Lucerne	-	-	-	-
Naples	53	45	b, b	-	Lausanne	-	-	-	-
Palermo	59	49	c, o	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, 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.

<i>Nov. 5<sup>th</sup> 1901.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.58	11.37	4.16
Greenwich	7.3	11.44	4.25
Wick	7.40	11.56	4.12
Valencia	7.45	12.25	5.5

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Wednesday, November 6<sup>th</sup> 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.				Wind.		Sea (0 to 9.)	Weather.	Temp.			Sun- shine Hours	Rainfall. Ins.
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.	Min.								
Ins.				Ins.																	
SCANDINAVIA.	Haparanda	29.68	35	Z	0	b	29.21	-46	38	36	+2	Z	0	bc		b	46	25		-	
	Hernösand	29.88	37	Z	0	o	29.53	-56	40	37	+3	SW	2	c		o	41	30		-	
	Stockholm	30.19	39	SW	2	o	29.75	-58	42	41	+1	SW	2	c		o	45	28		-	
	Wisby	30.40	45	W	2	o	29.86	-52	47	45	+2	W	6	o		o	48	34		-	
	Karlstad	30.13	42	WNW	2	b	29.76	-58	46	44	+2	WSW	2	o		b, t				0.04	
	Färder (X'ania Fjord)	30.16	48	ENE	1	m	29.76	-59	50	47	+3	WSW	5	o		m	48	37		-	
	Bodö	29.50	48	SW	2	+	29.15	-35	43	42	-1	W	6	+		+	50	41		1.26	
	Christiansund	29.90	48	W	9	+	29.73	-17	42	40	-2	WNW	9	+		+	50	48		0.22	
	Skudesnaes	30.26	49	SW	2	o	30.00	-34	48	46	0	NW	6	bc		o	50	45		-	
BRITISH ISLANDS.	Sumburgh Head	30.13	52	WSW	3	o	30.03	-10	48	45	-3	WNW	3	o		o	52	45		0.12	
	Stornoway																				
	Malin Head	30.37	48	S	1	b	30.35	+01	48	47	0	WSW	3	ogm		bs, m	55	45		0.02	
	Blacksod Pt.	30.38	46	W	1	b	30.38	-03	46	45	-1	SSW	1	om		bs, m	56	39		-	
	Valencia	30.38	47	Z	0	b	30.38	+02	35	34	-1	WSW	1	bc		bm	57	33	7.9	-	
	Roche's Point	30.39	52	SSE	3	c	30.41	+01	44	42	-2	NNE	3	m		c	55	40		-	
	Parsonstown	30.40	41	E	1	b	30.39	-01	35	34	+1	W	1	f		b	51	30	5.2	-	
	Donaghadee	30.40	42	SSW	1	f	30.35	-04	36	36	0	SSW	1	f		f	46	36		-	
	Liverpool Obsy.	30.43	33	E	1	f	30.36	-08	34	34	0	ESE	1	f		f	37	31		0.01	
	Holyhead	30.40	47	Z	0	b	30.36	-05	44	43	+1	W	1	om		b	54	36		-	
Pembroke (St. Ann's)	30.38	44	E	3	f	30.33	-05	37	36	-1	ENE	2	mw		f	48	33	4.4	-		
GERMANY, &c.	Scilly (St. Mary's)	30.34	54	E	4	bc	30.29	-05	53	51	0	ENE	3	c		bc	57	51	8.0	-	
	Jersey (St. Aubins)	30.36	50	E	2	b	30.34	-02	42	40	-2	NE	1	bm		bc	54	36	8.5	-	
	Portland Bill	30.40	44	NE	2	b	30.36	-04	43	43	0	E	1	f		bm	48	40		-	
	Dungeness	30.41	40	NE	2	b	30.36	-05	37	37	0	N	2	f		b	50	28		-	
	Wick	30.22	45	WNW	1	c	30.14	-08	47	47	0	WNW	1	c		c	53	43		0.08	
	Nairn	30.29	51	SW	2	c	30.19	-10	50	49	+1	Z	0	c		c	52	39		0.02	
	Aberdeen	30.30	46	W	1	b	30.17	-13	48	47	+1	WNW	2	c		om, b	49	34	2.0	0.02	
	Leith	30.34	47	WNW	2	b	30.23	-11	47	46	+1	WSW	3	o		b	53	33		-	
	North Shields	30.36	45	WSW	3	bc	30.25	-11	43	42	+1	W	3	o		bc, f	49	34		-	
	Spurn Head	30.39	35	SW	2	f	30.25	-14	35	34	-1	W	3	f		f	40	31		-	
FRANCE.	Yarmouth	30.41	43	NW	2	f	30.30	-11	29	29	0	W	3	f		f	44	28		-	
	Loughborough	30.45	34	SE	1	f	30.36	-09	26	26	0	ESE	1	f		f	36	22		-	
	Oxford	30.46	34	NE	1	f	30.38	-08	28	28	0	Z	0	f		f	37	28		0.01	
	London (Brixton)	30.43	39	Z	0	f	30.36	-07	30	30	0	WSW	1	f		f	40	30	0.0	-	
	The Scaw (Skagen)	30.24	49	W	4	o	29.92	-32	50	48	+2	W	5	o		o	50	43		-	
	Fanø	30.32	?	W	?	?	30.15	-17	50	48	+2	W	4	c		c	52	45		-	
	Cuxhaven	30.43	34	S	2	f	30.23	-20	41	39	+2	SW	2	o		c	41	28		0.04	
	The Helder	30.40	38	ESE	1	m	30.26	-14	48	47	+1	W	1	o		m	54	34		-	
	Brussels						30.38	-04	36	34	+2	SSE	1	b		b	50	33		-	
	Berlin	30.53	35	S	1	c	30.29	-22	32	32	0	SW	3	o		c	37	27		-	
SPAN. PEN.	Frankfurt	30.47	35	NE	1	b	30.41	-06	27	27	0	Z	0	f		b	50	27		-	
	Munich	30.46	32	SW	2	b	30.41	-05	25	25	-2	Z	0	f		b	43	23		-	
	C. Gris Nez																				
	Brest	?	?	?	?	?	30.33	+04	39	37	-2	ENE	1	b		?	59	37		-	
	Lorient	30.30	49	SE	2	bc	30.30	00	34	34	0	E	3	m		bc	55	34		-	
	Rocheport	30.26	42	E	4	b	30.24	-02	38	37	+1	SE	3	b		b	52	36		-	
	Biarritz	30.22	57	E	3	b	30.22	00	44	42	-2	SE	4	b		b	66	43		-	
	Paris	30.41	37	NE	2	b	30.34	-07	25	25	-5	NE	1	b		b	50	25		-	
	Belfort	30.45	29	ENE	3	f	30.41	00	29	29	0	ENE	2	m		f	41	28		-	
	Lyons	30.40	39	NW	1	b	30.45	+04	30	30	-5	NW	1	f		b	47	30		-	
Nice	30.35	49	Z	0	b	30.36	+04	41	39	-2	E	3	b		b	57	41		-		
Perpignan	30.28	51	S	2	bc	30.29	-01	41	40	-1	SW	2	c		bc	60	39		-		
SPAN. PEN.	Corunna																				
	Lisbon	30.06	62	NNE	5	b	30.05	+1	56	51	-5	NNE	5	b		b	40	51		-	
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, 6<sup>th</sup> November, 1901.

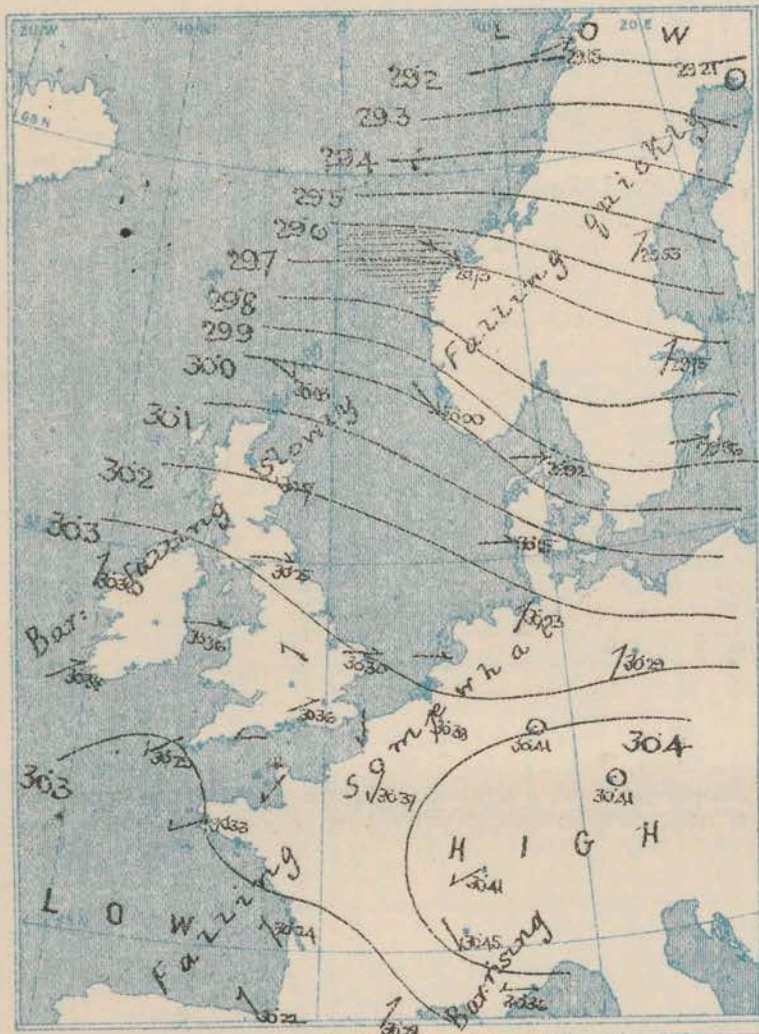
## I. BAROMETER, WIND AND SEA. This Morning.

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

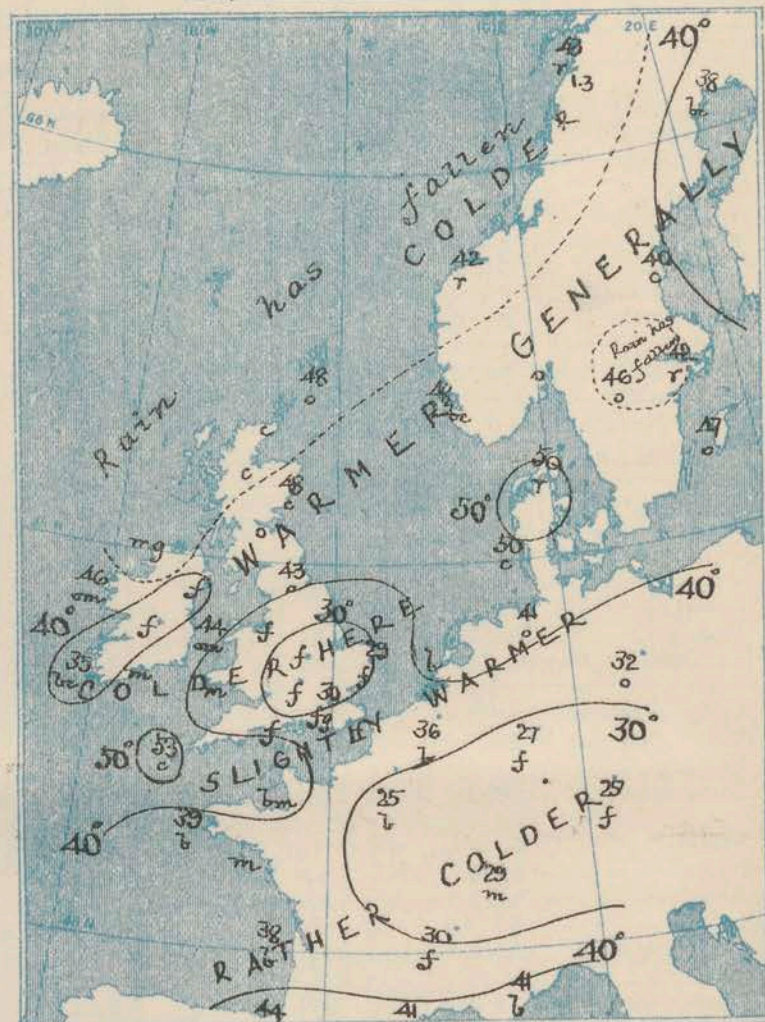


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

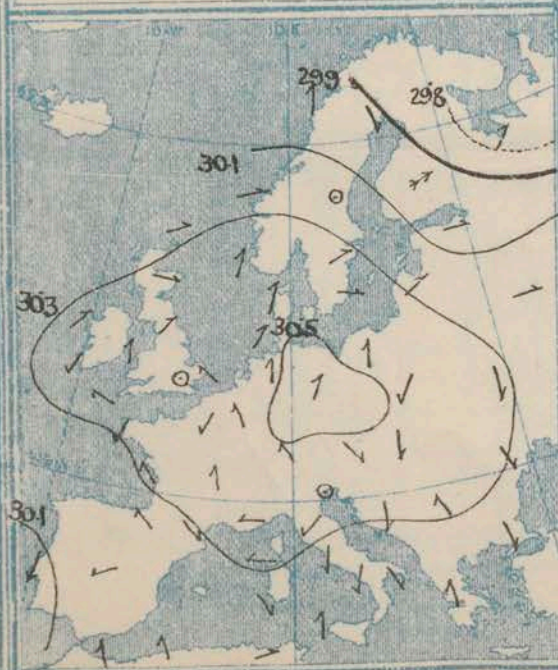
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



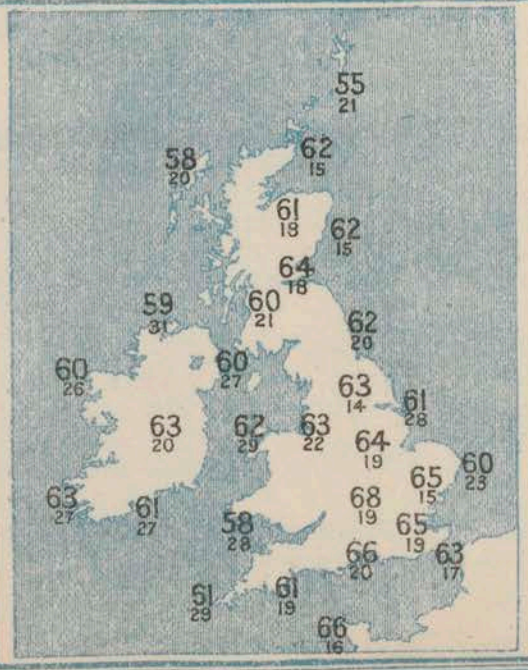
## III. BAROMETER AND WIND

Yesterday morning.



## IV. EXTREMES OF TEMPERATURE in month of NOVEMBER (1871-1900)

Specimen { Highest Max, 62  
(for Shields) { Lowest Min, 20  
Main Head & Black-sod - Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the Two monthly period

October - November (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

An anticyclone still lies over all the more S.<sup>th</sup> parts of our area, the highest pressures, 30.4 ins. and upwards, being reported over south Germany and the east of France. The barometer is, however, falling generally, - slowly in our Islands and France, but quickly in Scandinavia. The lowest readings 29.2 ins and less are found in the extreme N. of Scandinavia, and over the greater part of that peninsula the barometrical gradient has become rather steep.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind remains light from the E.<sup>nd</sup> (SE to NE) over France and the southwestern parts of the United Kingdom, but is light from the SW.<sup>nd</sup> in the north of Ireland and from the W.<sup>nd</sup> on the north and east coasts of St. Britain. In Scandinavia and Denmark the W.<sup>th</sup> wind blows freshly or strongly, with a gale at Christiansund; in north Germany there is a light breeze from the SW.<sup>th</sup>. In the regions still embraced by the anticyclone the thermometer remains low for the time of year, the only exception being at Sully where a reading of 53° is reported. Frost prevails over a considerable portion of England, France and Germany, the lowest morning readings reported being: (1) In our Islands 25° at Bath and 26° at Loughborough; (2) On the Continent 25° at Paris and Munich and 27° at Frankfurt. In Scotland and also in Sweden and Denmark a considerable rise of temperature has occurred, the readings being now above the average; the highest reading reported is 50° at Naim, Faerder, Skagen and Fano. Fog still prevails over nearly the whole of England and also over eastern and central Ireland and south Germany. In other parts of the United Kingdom and over the northern parts of the Continent the weather is cloudy, with rain at several of the Scandinavian and Danish stations. The sea is smooth generally.

During yesterday the thermometer rose to 55° or slightly above it at several of the coast stations in the W. and N. Over the inland parts of England it did not exceed 40° and at Bath and Loughborough it only rose to 36°. The amount of Bright Sunshine was large at most of the coast stations, but much smaller in the inland districts; in London and at Bath & Southport there was none. Slight rain has fallen in the extreme N. and N.W. of our Islands and larger quantities in the W. of Norway.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is giving way slowly and some extension of the mild W. wind is probable. At present the current is not likely to blow with any strength over England, so that fog or mist will probably continue in most places.

## FORECASTS \*

For the 24 hours ending at NOON on 7<sup>th</sup> November, 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	W. and NW. winds, moderate; cloudy, Some rain.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	W. winds, light; cloudy, some mist or fog.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	Light variable airs; misty or foggy in most places.
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	W. & SW. winds, light; cloudy, misty, Some rain.
7	{ ENGLAND N.W.	Same as nos 2 and 3.
8	{ ENGLAND S.W.	E. to variable breezes; misty or foggy in most places.
9	{ IRELAND NORTH	Same as no. 6
10	{ IRELAND SOUTH	Same as no. 8.

### WARNINGS

— None issued. —

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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	*	*	*	*	*	*	*	*	*	f	*	f	42 29	7.0	—
Newton Reigny (Penrith)	30.41	35	ZO	b	30.35 - .07	30	30	+5	ZO	m	*	b	51 25	5.5	—
Bath	30.40	29	NE 1	f	30.33 - .10	25	25	-10	E 1	f	*	f	36 25	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	24	b.m	4.0	—	Worthing	*	*	*	7.0	*
Birmingham, 9 p.m.	36	24	f	0.0	—	Llandudno	*	*	*	8.0	*
Lowestoft, to 6 p.m.	48	26	b	4.1	—	Rhyl	*	*	*	7.7	*
Hastings	*	*	*	7.7	*	Southport, 9 p.m.	39	32	f	0.0	—
Eastbourne	*	*	*	6.8	*	Manchester, 9 p.m.	36	25	o. f	0.0	—
Brighton	*	*	*	6.3	*	Darwen, 9 p.m.	50	33	b. f	5.2	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) <i>NOV. 5</i>	—	—	—	Ins.	Algiers	66	55	o, c	Ins.
Madrid	59	45	c, o	—	Tunis	66	46	c, c	—
Corsica (I. Sanguinaires)	63	52	m, m	—	Vienna	42	30	b, c	—
Rome	54	41	b, c	—	St. Petersburg	34	24	b, f	—
Florence	52	37	b, b	—	Lugano	48	—	o	Measured 7 a.m. 4
Trieste	52	41	c, b	—	Davos	45	—	b	—
Brindisi	50	36	c, c	—	Lucerne	36	—	o	—
Naples	55	45	b, o	—	Lausanne	34	—	m	—
Palermo	69	44	c, 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.

<i>NOV. 6<sup>th</sup> 1901.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.59	11.37	4.15
Greenwich	7.4	11.44	4.24
Wick	7.42	11.56	4.10
Valencia	7.46	12.25	5.4

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# DAILY WEATHER REPORT

for 8 a.m. on Thursday 7<sup>th</sup> November 1901.

*Issued by the Meteorological Office, 65, 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. Inch.	
		At 32° and M.S.L.	Inch.	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.
SCANDINAVIA.	Haparanda ...	28.92	33	W	2	b	29.02	-1.19	34	33	-4	N	4	0	b	41	32	-	-		
	Hernösand ...	29.23	40	W	3	o	29.20	-1.33	36	33	-4	NW	6	0	o	45	34	-	-		
	Stockholm ...	29.43	41	W	2	o	29.36	-1.39	36	33	-6	WNW	2	0	o	46	34	0.04	-		
	Wisby ...	29.50	48	W	8	o	29.39	-1.44	42	38	-5	N	8	0	o	50	41	0.28	-		
	Karlstad ...	29.44	40	W	2	o	29.55	-1.21	34	31	-12	WSW	2	0	o	50	41	-	-		
	Færder (X'ania Fjord) ...	29.56	44	W	6	o	29.64	-1.09	43	37	-4	NW	8	0	o	50	43	-	-		
	Bodö ...	29.15	36	WNW	6	m	29.24	-1.12	34	33	-9	NNW	5	0	o	43	34	0.32	-		
	Christiansund ...	29.60	41	NW	4	o	29.73	-1.00	38	35	-4	NW	4	0	o	42	36	0.32	-		
	Skudesnaes ...	29.74	46	NNW	4	o	29.89	-1.11	44	40	-4	NNW	4	0	o	48	41	-	-		
	Sumburgh Head ...	29.91	48	WNW	5	o	30.02	-1.01	46	43	-2	WNW	2	0	o	49	43	0.01	-		
BRITISH ISLANDS.	Stornoway ...	30.28	51	W	5	o	30.30	-1.05	50	48	+2	NW	3	0.9	2	51	48	0.08	-		
	Malin Head ...	30.36	45	SW	1	b	30.34	-1.04	49	45	+3	SW	1	c.m	2	50	42	-	-		
	Blackod Pt. ...	30.35	45	Z	0	o	30.34	-1.04	33	32	-2	NNE	1	0	0.0	49	32	0.0	-		
	Valencia ...	30.35	43	N	2	m	30.38	-1.03	40	40	-4	N	2	0	0	45	38	-	-		
	Roche's Point ...	30.36	39	SE	1	f	30.35	-1.04	41	41	+6	SE	1	0	0	42	34	0.02	-		
	Donaghadee ...	30.28	44	WSW	1	o	30.24	-1.08	48	44	+12	SW	2	0	0	48	36	0.02	-		
	Liverpool Obsy. ...	30.31	42	WSW	2	o	30.28	-1.08	49	44	+15	WNW	2	0	0	49	34	-	-		
	Holyhead ...	30.31	44	Z	0	bc	30.28	-1.08	51	50	+4	NW	2	0	0	51	43	-	-		
	Pembroke (St. Ann's) ...	30.29	44	N	2	o	30.29	-1.04	45	44	+8	NE	1	0	0	49	34	0.0	-		
	Scilly (St. Mary's) ...	30.29	53	ENE	3	o	30.29	-1.00	50	48	-3	NNE	2	0	0	55	44	3.2	-		
GERMANY, &c.	Jersey (St. Aubins) ...	30.24	44	SW	1	bc	30.30	-1.04	37	36	-5	WSW	1	0	0	51	33	0.01	-		
	Portland Bill ...	30.30	42	Z	0	bc	30.30	-1.06	35	35	-8	NNE	1	0	0	45	33	-	-		
	Dungeness ...	30.26	40	N	1	f	30.24	-1.09	28	28	-9	NNW	2	0	0	42	26	-	-		
	Wick ...	30.04	44	NW	3	r	30.10	-1.04	45	44	-2	NW	1	0	0	52	40	-	-		
	Nairn ...	30.16	49	WNW	3	c	30.14	-1.02	44	45	-3	W	1	0	0	53	44	0.01	-		
	Aberdeen ...	30.13	44	WNW	4	b	30.19	+1.02	46	43	-2	WNW	2	0	0	55	45	3.5	0.01		
	Leith ...	30.15	49	SW	2	b	30.20	-1.03	43	42	-4	WSW	3	0	0	54	41	-	-		
	North Shields ...	30.14	44	WSW	3	bc	30.22	-1.03	43	42	0	SW	2	0	0	48	41	-	-		
	Spurn Head ...	30.19	45	WNW	4	f	30.20	-1.05	40	39	+5	WNW	3	0	0	46	33	-	-		
	Yarmouth ...	30.21	41	WNW	2	b	30.22	-1.08	40	39	+11	WNW	3	0	0	44	28	-	-		
FRANCE.	Loughborough ...	30.24	39	WSW	2	b	30.28	-1.08	43	43	+14	W	2	0	0	43	26	-	-		
	Oxford ...	30.29	34	W	1	f	30.31	-1.04	41	41	+13	WSW	1	0	0	42	27	-	-		
	London (Brixton) ...	30.24	33	Z	0	f	30.30	-1.06	35	35	+5	WSW	1	0	0	34	23	0.0	-		
	The Scaw (Skagen) ...	29.62	49	NW	6	o	29.40	-1.22	46	39	-4	NNW	5	0	0	52	43	-	-		
	Fanö ...	29.91	49	W	8	c	29.91	-1.24	46	43	-4	WNW	6	0	0	52	46	0.08	-		
	Cuxhaven ...	30.06	44	SW	4	o	29.98	-1.25	49	46	+8	NW	5	0	0	50	41	0.12	-		
	The Helder ...	30.15	52	NW	2	bc	30.14	-1.12	52	49	+4	NW	2	0	0	52	46	-	-		
	Brussels ...	30.06	44	WSW	4	o	30.26	-1.12	35	35	-1	SW	2	0	0	49	33	-	-		
	Berlin ...	30.06	31	SW	1	f	30.26	-1.15	31	31	+4	SW	2	0	0	46	32	0.04	-		
	Frankfurt ...	30.24	28	Z	0	f	30.25	-1.16	31	28	+6	SW	3	0	0	34	23	-	-		
SPAN. PEN.	Munich ...	30.30	28	Z	0	f	30.25	-1.16	31	28	+6	SW	3	0	0	34	23	-	-		
	C. Gris Nez ...	30.68	48	WSW	1	m	30.24	-1.04	41	41	0	NE	1	0	0	55	39	-	-		
	Brest ...	30.26	42	SSE	1	m	30.26	-1.04	40	39	+1	NE	1	0	0	54	36	-	-		
	Lorient ...	30.24	39	ENE	3	m	30.28	-1.02	42	39	+8	ENE	3	0	0	54	32	-	-		
	Rochefort ...	30.20	50	E	2	b	30.23	-1.01	42	41	+4	SE	2	0	0	59	41	-	-		
	Biarritz ...	30.20	54	NNE	1	b	30.19	-1.03	44	42	0	ESE	1	0	0	66	43	-	-		
	Paris ...	30.31	36	SW	1	b	30.32	-1.05	34	34	+12	N	1	0	0	48	25	-	-		
	Belfort ...	30.29	39	Z	0	m	30.30	-1.11	31	31	+2	WSW	2	0	0	44	26	-	-		
	Lyons ...	30.34	39	SE	1	b	30.34	-1.08	31	31	+1	ENE	8	0	0	44	30	-	-		
	Nice ...	30.24	54	E	3	m	30.14	-1.22	53	50	+12	E	3	0	0	70	41	-	-		
Perpignan ...	30.26	49	E	2	b	30.19	-1.10	50	49	+9	NW	2	0	0	61	45	0.04	-			
SPAN. PEN.	Corunna ...	29.99	60	NNE	5	o	30.01	-1.04	56	51	0	NNE	4	0	0	63	55	-	-		
	Lisbon ...	30.03	64	SE	4	o	29.98	-1.06	64	64	+4	S	4	0	0	70	64	0.43	-		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR Thursday, 7<sup>th</sup> November, 1901.

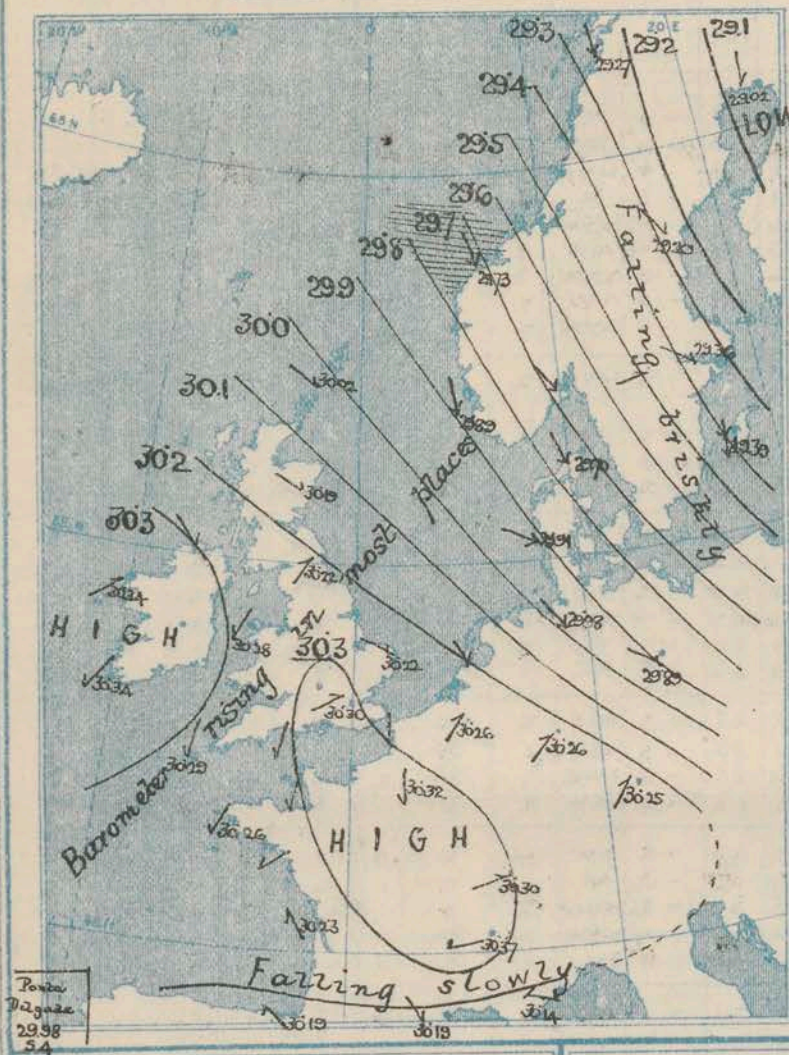
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

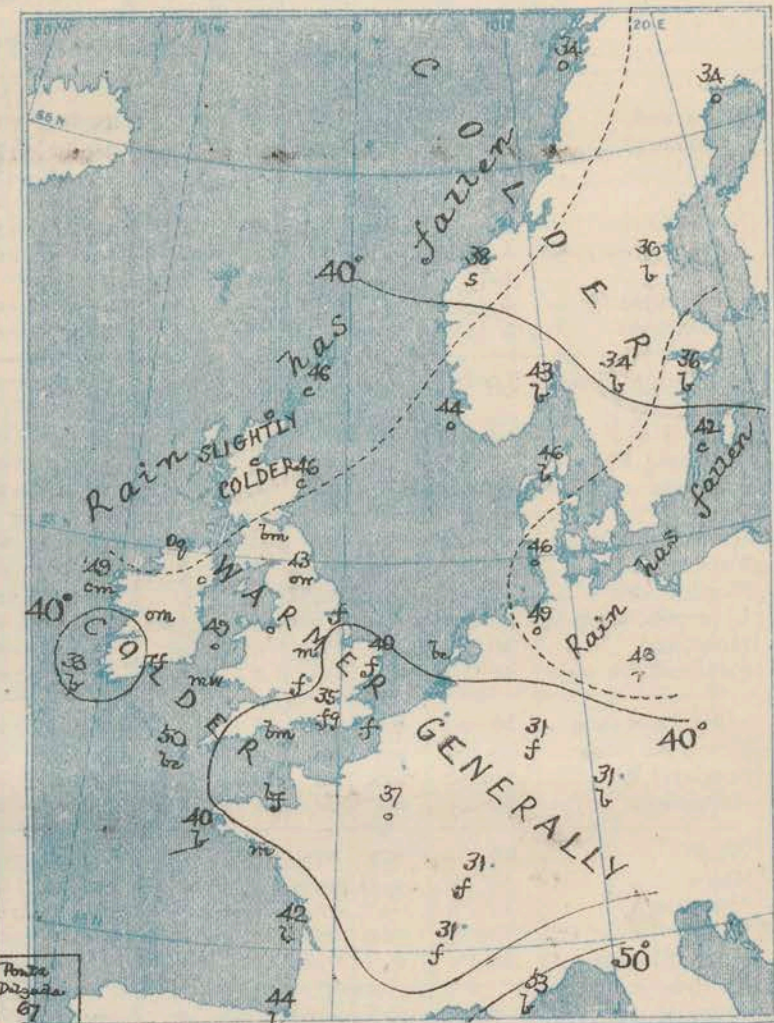


## II. TEMPERATURE AND WEATHER. This Morning.

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

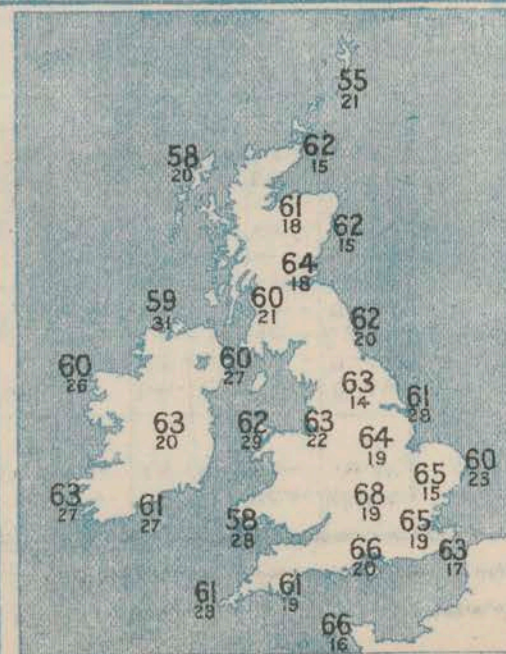
Yesterday morning.



## IV. EXTREMES OF TEMPERATURE

in month of NOVEMBER (1871-1900)

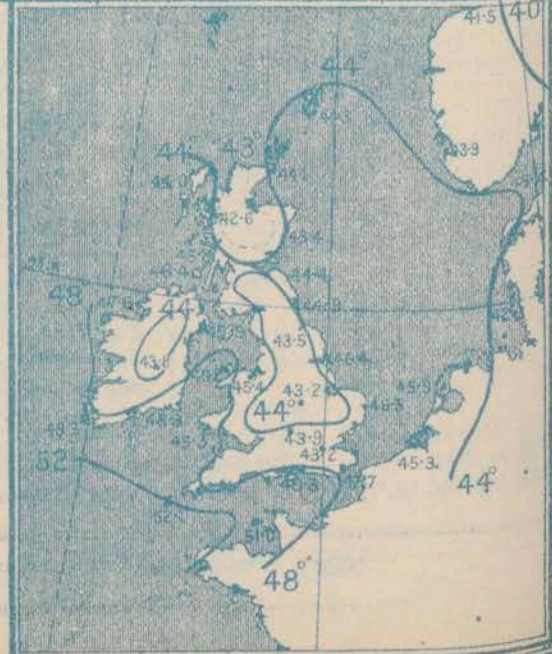
Specimen { Highest Max, 62  
(for Shields) { Lowest Min, 20  
Malin Head & Blackpool - Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the Two monthly period

October - November (1871-1900)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

A large anticyclone still covers the greater part of our Islands and France, the highest readings, 30.3 ins. and upwards, being found in two areas, one lying over Ireland and the other over the N.W. and central parts of France and a portion of the S. of England. The lowest readings, 29.1 ins. and less, are found in the N. of Sweden, and over Scandinavia, Denmark and Germany. The barometric gradient (for N.W. winds) is rather steep. The barometer is still falling in some parts of Sweden and Germany, but is rising in most other parts of our area.

### WIND

The wind is light from the W. over the northern, eastern and central parts of St. Britain, but from the N. on our south and southwest coasts and from the E. in the west of France. In Scandinavia, Denmark and N. Germany the wind is N.W., and strong in force in many places; at Wisby there is a gale from the N. Temperature has risen considerably over the greater part of England and Ireland, but has fallen on our S. and S.W. coasts, in the latter regions the readings are considerably below the average, the lowest reported being 28° at Dungeness and 33° at Valancia (Ireland). In other parts of our Islands the thermometer is equal to or above the normal, but in Scotland it is falling again. In France and Germany the weather is milder than of late, though still frosty in places, but in Scandinavia and Denmark the shift of wind to N.W. has been accompanied by a decided fall of temperature, the readings being below 35° in many parts of Sweden. Fog still prevails over the S. parts of England and Ireland, as well as at several of the French and German stations. In most other parts of our area the weather is fine; rain is, however, falling at Berlin and snow at Bodo. The sea is slight or smooth generally, but rough at Christiansund.

### TEMPERATURE

### WEATHER

### AND

### SEA

During yesterday the thermometer rose to 50° and upwards on several parts of our W. and N. coasts and to 55° at Aberdeen; in London the maximum reading was only 37°. The amount of Bright Sunshine was generally small; at many stations there was none, but at Rhyl there was 5.7 hrs. and at Jersey 7.6 hrs. Slight rain fell at several of our N. stations, and larger quantities in Scandinavia, Denmark & N. Germany.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone appears to be again increasing somewhat in intensity and fog is therefore still probable in many parts of the United Kingdom, with a fall of temperature in the northern districts. The cyclonic system in the far north is moving eastwards and there are at present no signs of any new disturbances.

## FORECASTS \*

For the 24 hours ending at NOON on 8<sup>th</sup> November, 1901

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

W<sup>ly</sup> and NW<sup>ly</sup> winds, light, fair generally.

1 { SCOTLAND  
EAST

W<sup>ly</sup> winds, light; foggy or misty; colder.

2 { ENGLAND  
N.E.

W<sup>ly</sup> and NW<sup>ly</sup> winds, light; foggy or misty; colder.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

Variable or light N<sup>ly</sup> airs; foggy or misty in most places.

5 { ENGLAND  
SOUTH

### DISTRICTS.

### FORECASTS.

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

} Same as Nos. 2 and 3.

Light breezes chiefly N<sup>ly</sup>, fair generally, but foggy in places.

Same as Nos. 2 and 3.

Same as no. 8.

### WARNINGS

— None Issued. —

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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	*	*	*	*	*	*	*	*	*	*	f	*	f	46	36	4.6	-
Newton Reigny (Penrith)	30.25	50	SW 3	0	30.25	- .10	44	44	+ 14	NW 1	0	*	0 gmc	49	29	0.0	-
Bath	30.29	29	N 1	f	30.22	- .05	38	38	+ 13	W 1	f	*	f	40	25	0.0	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	47	24	m	3.0	-	Worthing	*	*	*	2.1	*
Birmingham, 9 p.m.	44	23	0	0.0	-	Llandudno	*	*	*	0.0	*
Lowestoft, to 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	5.7	*
Hastings	*	*	*	3.4	*	Southport, 9 p.m.	43	34	c	0.0	-
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	41	30	f, o, w	0.0	0.02
Brighton	*	*	*	1.7	*	Darwen, 9 p.m.	44	26	c, m, w	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) Nov. 6	64	52	c, b	Ins.	Algiers ... NOV. 6.	73	57	c, c	Ins.
Madrid	-	-	-	-	Tunis	-	-	-	-
Corsica (I. Sanguinaires)	63	52	m, m	-	Vienna	34	36	o, o	-
Rome	56	37	b, c	-	St. Petersburg	39	28	b, o	-
Florence	54	34	b, b	-	Lugano ... NOV. 5.	50	-	b	Measured 7 a.m. 5.7
Trieste	52	39	b, b	-	Davos	37	-	b	-
Brindisi	58	50	c, b	-	Lucerne	39	-	o	-
Naples	55	43	b, b	-	Lausanne	41	-	m	-
Palermo	63	44	c, 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, 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.

Nov. 7 <sup>th</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.0	11.37	4.14
Greenwich	7.5	11.44	4.23
Wick	7.44	11.56	4.8
Valencia	7.47	12.35	5.3

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 termini 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, 69, 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 8<sup>th</sup> November

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Weather.	Sea (0 to 9.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall. Ins.
		At 32° and M.S.L.	Dry Bulb.	Dew Pt.	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	28.62	21	Z	0	b	28.95	-0.04	19.1	18	-15	N	2	b	4	b	36	18		-		
	Hernösand	29.63	36	NW	4	o	29.13	-0.04	25	22	+11	NW	6	b	4	o	41	25		0.04		
	Stockholm	29.54	38	WSW	4	bc	29.23	-1.13	36	30	0	WNW	8	b	4	bc	43	30		-		
	Wisby	29.63	43	NW	9	b	29.36	-0.03	45	41	+3	NNW	9	c	4	b	48	36		-		
	Karlstad	29.62	41	WNW	2	o	29.41	-1.14	36	31	+2	N	6	b	4	o				-		
	Færder (X'iania Fjord)	29.66	46	WSW	6	o	29.44	-2.23	46	39	+3	NNW	6	b	3	o	46	43		-		
	Bodö	29.06	29	NW	6	s	29.24	-0.03	33	28	-1	N	4	c	2	s	34	23		-		
	Christiansund	29.39	44	NW	9	+	29.46	-2.24	34	32	-4	NNW	9	s	8	+	48	28		0.32		
	Skudesnaes	29.83	46	W	6	o	29.71	-1.18	42	38	-2	NNW	6	c	?	o	44	?		-		
	Sumburgh Head	29.81	47	W	4	+	29.82	-2.20	42	40	-4	N	2	o	4	or	49	41		0.02		
BRITISH ISLANDS.	Stornoway	30.24	50	WNW	3	og	30.15	-1.15	48	47	-2	SW	3	og	3	og, o	51	47		-		
	Malin Head	30.30	49	SW	2	c	30.20	-1.14	50	47	+1	SW	4	om	3	c	50	46		-		
	Blacksod Pt.	30.32	45	SE	2	bm	30.25	-0.09	48	46	+1.5	SE	1	o	3	bm, b	51	33	4.8	-		
	Valencia	30.35	41	N	2	f	30.30	-0.08	46	44	+6	SE	1	m	2	f	46	38		-		
	Roche's Point	30.32	43	SE	1	f	30.26	-0.09	41	40	0	SE	1	omr		f	43	40	0.0	-		
	Donaghadee	30.27	50	WNW	2	og	30.22	-0.05	43	42	-5	WSW	2	o	2	o	51	39		-		
	Liverpool Obsy.	30.27	48	WNW	1	c	30.20	-0.08	44	43	-2	W	4	o	3	c	50	46		-		
	Holyhead	30.28	50	W	1	om	30.25	-0.03	45	43	-6	WNW	3	o	2	o	51	43		-		
	Pembroke (St. Ann's)	30.28	48	NNE	3	bc	30.25	-0.04	48	45	+3	NNW	3	og	2	bc	55	45	6.3	-		
	Scilly (St. Mary's)	30.26	52	NNE	1	bc	30.24	-0.05	46	43	-4	NNW	1	bc	0	bc	55	43	4.8	-		
GERMANY, &c.	Jersey (St. Aubins)	30.31	52	WNW	1	f	30.28	-0.02	38	37	+1	WNW	2	cm	2	bc	55	35	4.3	0.01		
	Portland Bill	30.31	46	ENE	1	om	30.27	-0.03	47	46	+12	NW	3	c	3	cm, o	47	35		-		
	Dungeness	30.29	42	NNW	2	f	30.22	-0.05	44	44	+16	WNW	1	f	1	f	46	28		-		
	Wick	29.98	47	W	2	c	29.88	-2.22	50	50	+5	NW	3	+	2	c	50	44		0.10		
	Nairn	30.10	49	W	2	c	29.99	-1.18	52	48	+5	WNW	3	c	2	c	52	44		-		
	Aberdeen	30.09	45	SW	2	bc	29.97	-2.22	51	47	+5	W	3	og	2	bc	52	45	3.0	-		
	Leith	30.14	50	W	2	b	30.07	-1.13	50	47	+4	WSW	3	o		b	51	42		-		
	North Shields	30.19	47	W	2	bc	30.08	-1.14	46	45	+3	SW	2	c	2	c, bc	50	41		-		
	Spurn Head	30.22	46	W	2	c	30.12	-0.08	47	45	+4	WNW	3	m	3	c	49	40		-		
	Yarmouth	30.22	46	WNW	2	f	30.12	-1.10	45	44	+5	WNW	3	of	3	f	50	37		-		
FRANCE.	Loughborough	30.28	47	WNW	1	o	30.21	-0.07	46	44	+3	WNW	2	c		om, m, c	48	43		-		
	Oxford	30.30	47	SW	1	o	30.24	-0.07	45	44	+4	W	1	o		o	49	41		-		
	London (Brixton)	30.29	46	Z	0	om	30.23	-0.07	45	44	+10	WSW	1	o		fg, om	46	35	0.0	-		
	The Scaw (Skagen)	29.74	46	NNW	6	o	29.46	-2.24	50	45	+4	NW	6	bc	2	o	50	45		-		
	Fanö	30.01	48	WNW	6	o	29.82	-0.09	49	48	+3	WNW	8	+	1	o	50	46		-		
	Cuxhaven	30.10	46	NW	3	o	29.95	-0.03	47	45	-2	W	5	o		o	50	45		-		
	The Helder	30.23	50	NNW	1	bc	30.08	-0.06	51	50	-1	WNW	2	o	3	bc	54	50		-		
	Brussels						30.22	-0.04	41	41	+6	SW	2	f		f	41	35		-		
	Berlin	30.06	45	WNW	3	o	29.97	+0.08	46	42	0	W	5	o		o	50	42		0.12		
	Frankfurt	30.27	41	SW	2	o	30.18	-0.08	42	40	+4	SW	2	o		o	43	31		-		
SPAN. PEN.	Munich	30.28	35	SW	3	b	30.20	-0.05	27	26	-4	Z	0	b		b	46	27		-		
	C. Gris Nez	30.28	44	W	1	f	30.22	-0.05	48	46	+4	WNW	3	o	3	f	54	41		-		
	Brest	30.28	48	NE	1	b	?	?	39	38	-1	NE	1	b	?	b	59	37		-		
	Lorient	30.28	52	E	2	bc	30.28	-0.00	39	39	-3	ENE	3	m	2	bc	61	36		-		
	Rochefort	30.29	51	E	3	b	30.27	-0.03	40	39	-2	E	3	b		b	61	39		-		
	Biarritz	30.18	52	E	3	b	30.19	-0.00	47	46	+3	SSE	1	b		b	59	44		-		
	Paris	30.32	35	NW	1	o	30.28	-0.04	29	29	-8	NW	2	o		o	37	29		-		
	Belfort	30.23	41	ENE	2	m	30.20	-1.10	33	32	+2	Z	0	m		m	52	30		-		
	Lyons	30.30	34	N	1	f	30.26	-1.11	34	33	+3	NNW	1	o		f	36	33		-		
	Nice	30.08	47	SE	2	b	30.01	-1.13	49	39	-4	E	1	c	3	b	55	43		-		
SPAN. PEN.	Perpignan	30.15	47	NW	2	b	30.08	-1.11	45	40	-5	SW	2	c		b	57	41		-		
	Corunna																					
SPAN. PEN.	Lisbon	30.08	59	NNE	4	bc	30.09	+0.08	53	48	-3	NNE	4	b		bc	64	52		-		
	Azores (P. Delgada)	29.95	66	S	4	+	29.86	-1.12	69	68	+2	SSW	5	o	4	+	70	66		1.30		

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 8<sup>TH</sup> NOV<sup>R</sup> 1901.

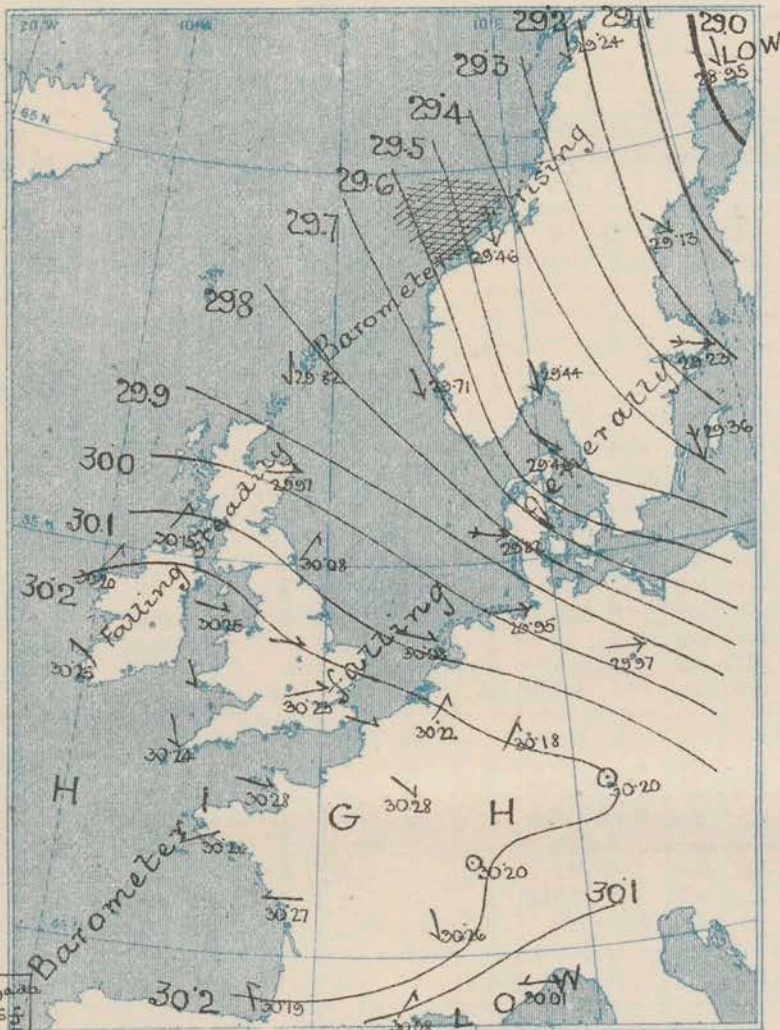
## I. BAROMETER, WIND AND SEA. This Morning.

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

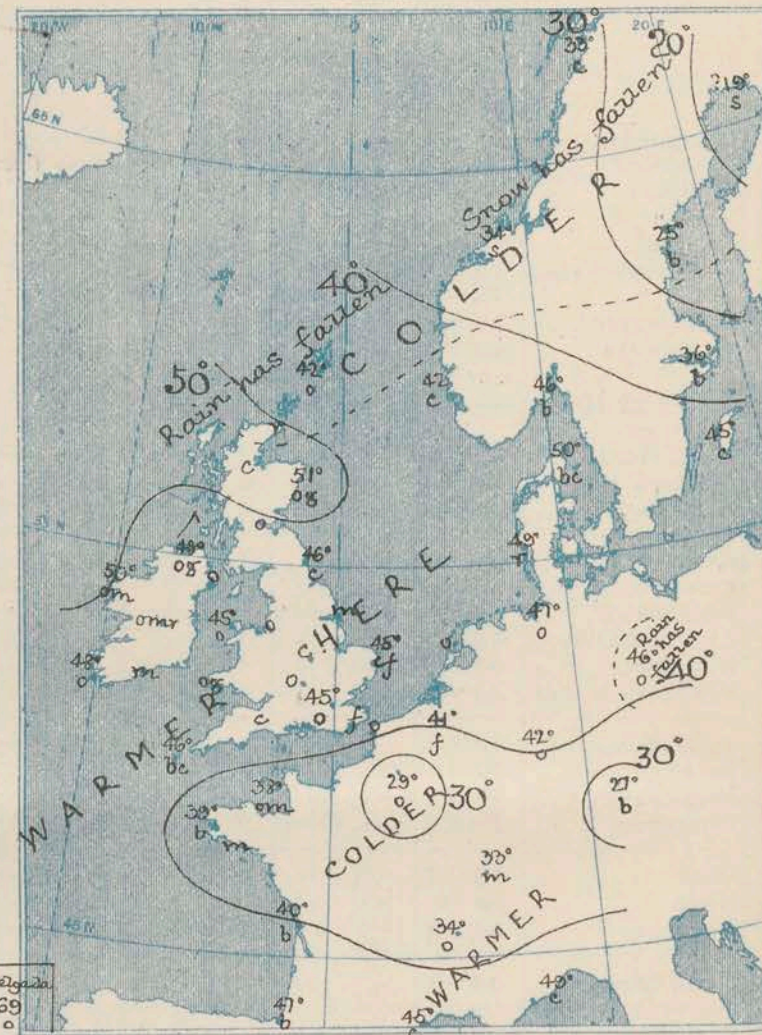


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

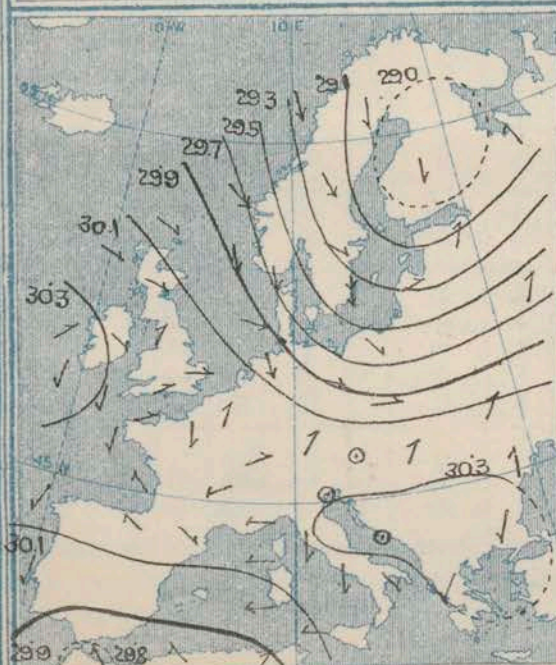
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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.

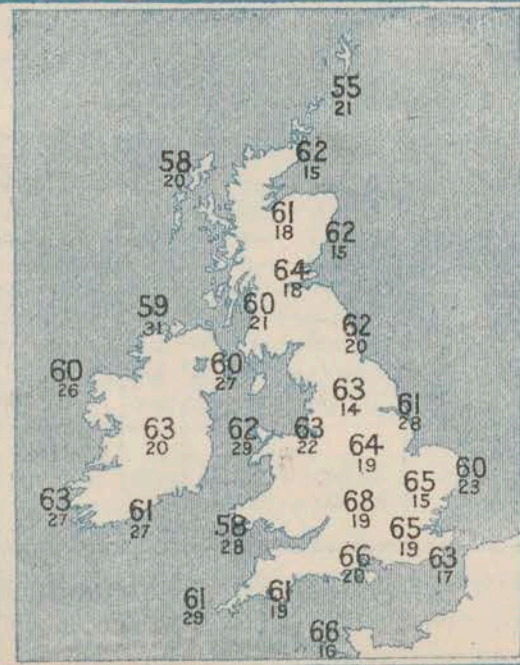


## IV. EXTREMES OF TEMPERATURE

in month of NOVEMBER (1871-1900)

Specimen { Highest Max, 62  
(for Shields) { Lowest Min, 20

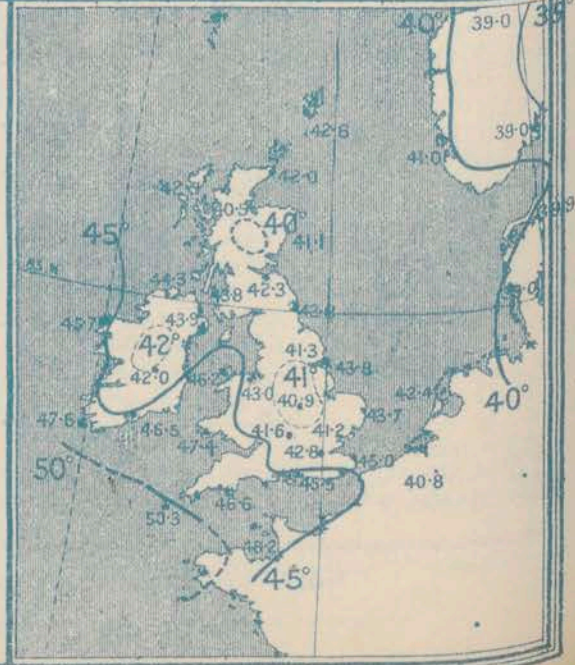
Malin Head & Blacksod - Belmullet. Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the monthly period

November (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Barometric pressure this morning is highest (30.2 ins. and more) over France, the Bay of Biscay, Ireland and the southern parts of England, but thence it decreases somewhat irregularly to 28.95 ins. at Haparanda (Gulf of Bothnia). The gradients are somewhat steep (for NW winds) over the North Sea and Scandinavia, moderate in Scotland, very slight at the southern and southwestern stations. Barometer has now begun to fall steadily in Ireland.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is accordingly NW<sup>ly</sup> to N<sup>ly</sup> over Scandinavia and Denmark, strong in force, and blowing a gale at some stations. It is W<sup>ly</sup> and moderate on our east coast and in Scotland, very light and mainly anticyclonic in the southwest and south. The temperature is very low (19° to 25°) in the north of Sweden, but in the British Islands it ranges from 41° to 50° and at Berlin it is 46°. The Paris value is 29°, Lyons 34°. The Dutch values are much in excess of the average. The weather is fine at the mouth of the Channel, dull elsewhere, with fog still lingering in some localities, rain in places, snow at Haparanda and Christiansund. The sea is very little disturbed except in the far north.

In the course of the past day temperature has touched 55° at Pembroke and Jersey, and exceeded 50° at most of our own stations. Very slight rain has fallen at a few of our stations (more at Christiansund) and while there has been a great deal of bright sunshine on our south coast there has been very little elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Russia and Sweden is moving southeastwards, but a fresh and rather decided fall of the barometer has commenced in Ireland and increasing SW<sup>ly</sup> to W<sup>ly</sup> winds are probable with some rain, especially in the west, and mild weather.

## FORECASTS\*

For the 24 hours ending at NOON on 9<sup>th</sup> November, 1901

### DISTRICTS.

### FORECASTS.

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

N<sup>ly</sup> & SW<sup>ly</sup> winds freshening; becoming changeable and showery.

N<sup>ly</sup> & SW<sup>ly</sup> winds, light; breezy, fair as a whole, mild.

### 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.

Very light variable breezes; fair.

SW<sup>ly</sup> & S<sup>ly</sup> winds increasing in force; mild, showery.

### WARNINGS

At 7.15 pm. to part of District O. Hoist N. 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.							LAST 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	*	c. 0	50	37	1.5	—
Newton Reigny (Penrith)	30.22	46	W 2	0	30.14	-.11	46	45	+2	W 3	of.	*	0	50	43	1.0	—
Bath	30.27	41	N 1	m	30.22	-.06	44	43	+6	NW 1	m	*	m	48	38	0.0	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	51	40	c	1.8	—	Worthing	*	*	*	5.8	*
Birmingham, 9 p.m.	49	39	0	0.0	—	Llandudno	*	*	*	0.0	*
Lowestoft, to 6 p.m.	51	34	b	3.0	—	Rhyl	*	*	*	1.0	*
Hastings	*	*	*	*	*	Southport, 9 p.m.	50	40	0	0.1	—
Eastbourne	*	*	*	6.8	*	Manchester, 9 p.m.	49	41	m, 0	0.0	—
Brighton	*	*	*	5.5	*	Darwen, 9 p.m.	47	42	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.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) <i>NOV. 7</i>	42	54	b, b	Ins.	Algiers	42	54	0, 0	0.20
Madrid	—	—	—	—	Tunis	64	50	r, 0	?
Corsica (I. Sanguinaires)	63	54	m, m	—	Vienna	41	28	c, c	—
Rome	54	34	b, 0	—	St. Petersburg	43	36	r, c	0.24
Florence	55	35	b, b	—	Lugano	48	—	b	Measured 7 a.m. 6
Trieste	54	41	b, c	0.20	Davos	45	—	b	—
Brindisi	54	44	c, b	—	Lucerne	39	—	0	—
Naples	56	44	b, 0	—	Lausanne	41	—	m	—
Palermo	68	44	b, 0	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, 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.

<i>NOV. 8<sup>th</sup> 2001.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.2	11.37	4.12
Greenwich	7.7	11.44	4.21
Wick	7.46	11.56	4.6
Valencia	7.49	12.25	5.1

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Saturday 9<sup>th</sup> November 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.																									
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall. Ins.																				
		At 32° and M.S.L.	Ins.	Dry Bulb.	Direc.			Force (0 to 12.)	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.																							

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, 9<sup>TH</sup> NOVEMBER, 1901.

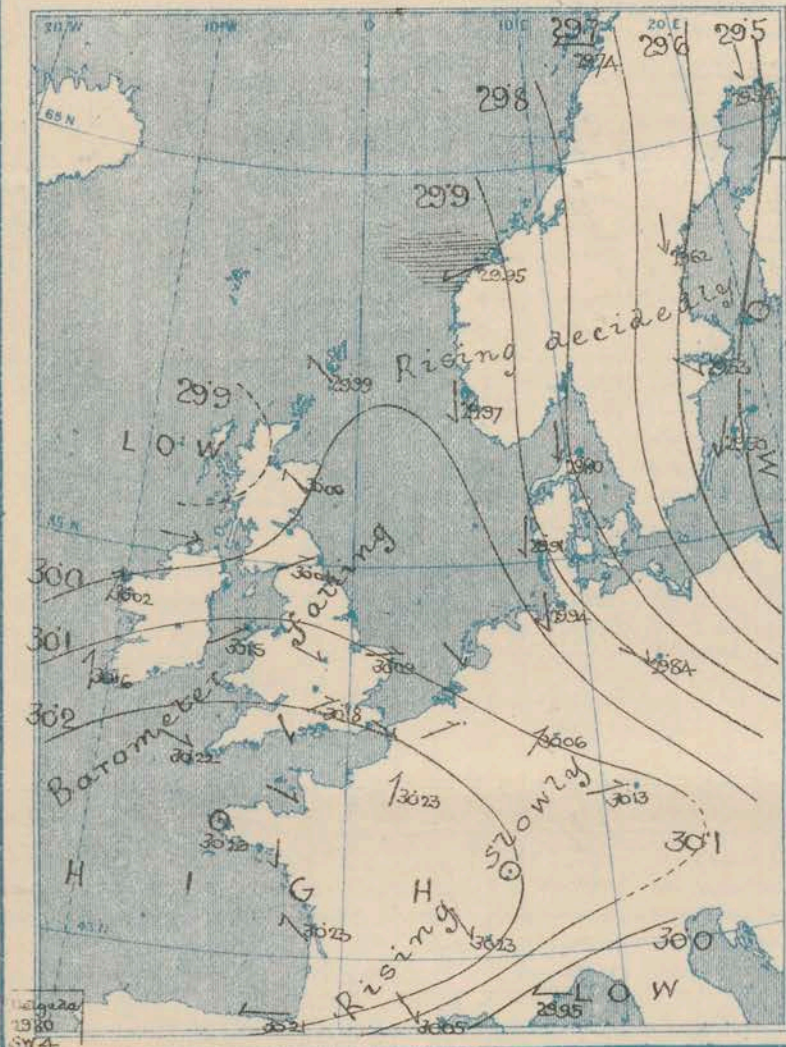
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

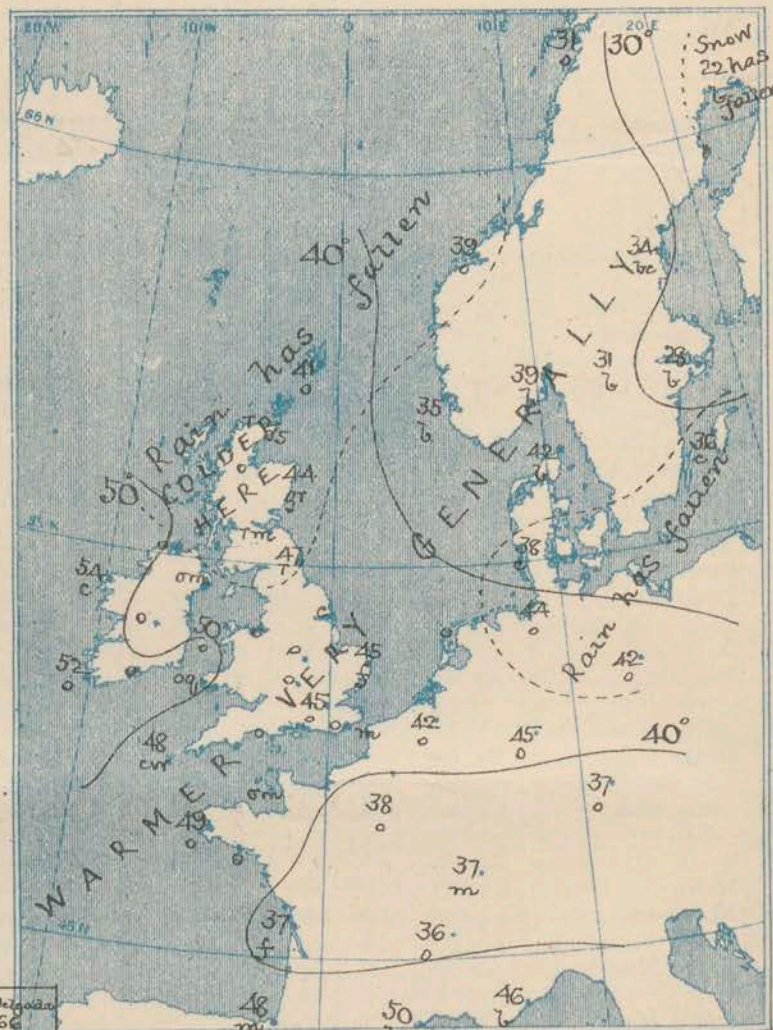


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

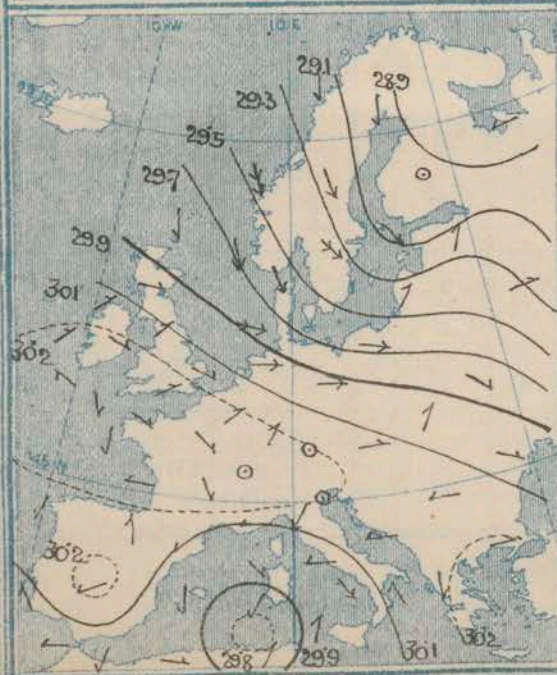
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

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

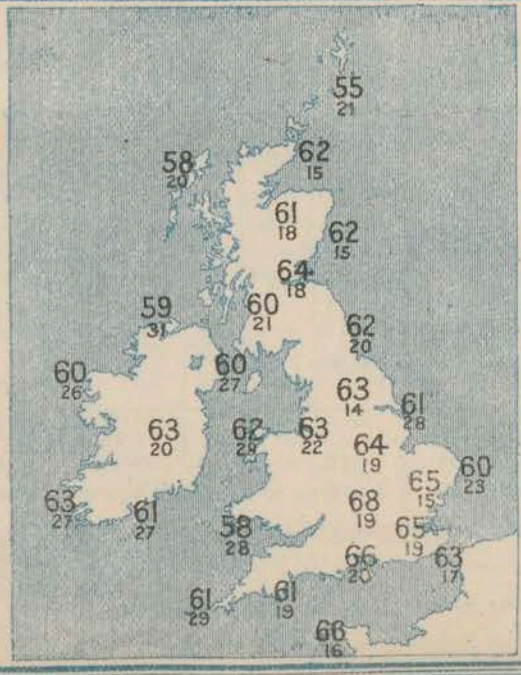
Yesterday morning.



## IV. EXTREMES OF TEMPERATURE in month of NOVEMBER (1871-1900)

Specimen { Highest Max. 62  
(for Shields) { Lowest Min. 20

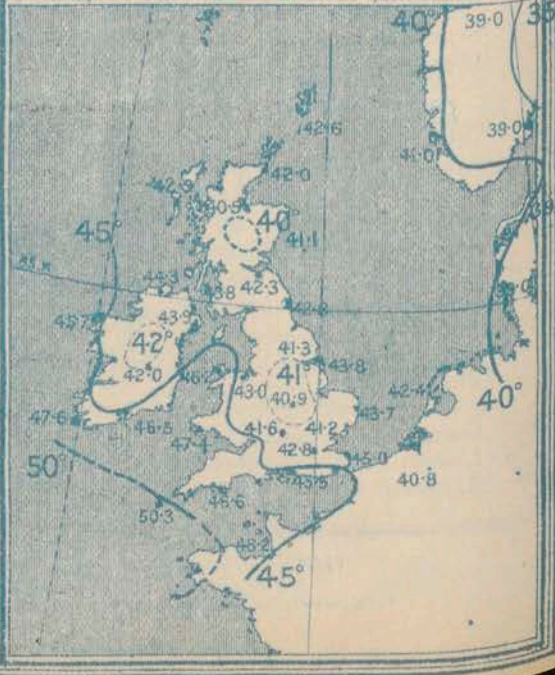
Molm Head & Blacksod - Belmullet Values are for only 15 Yr.



## V. Means of DAILY TEMPERATURE

at 8 am. for the monthly period

November (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

An anticyclone with maximum readings of 30.2 ins. and upwards is lying over France, the Bay of Biscay and the extreme S. of England, while a shallow low pressure area in which readings are below 29.9 ins. is apparently situated over the NW. of Scotland. Under the influence of the latter system the barometer is falling in most parts of the United Kingdom. The lowest pressures, 29.5 ins. and less, are reported over the NW. parts of the Baltic, but in Scandinavia, Denmark and Germany the barometer is rising.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is light to moderate from the W. or SW. over England, but is S. at some of the Irish stations and SE. in the northeast of Scotland. In Sweden and Denmark it is chiefly N., with a gale at Wisby, while in Germany it is W. light variable winds are reported over France. Temperature has fallen in Scotland, and also in Denmark, N. Germany and the S. of Scandinavia, but has risen in most other parts of our area. In our Islands the readings are mostly above the average, especially on our W. coasts, where the thermometer is in many places above 50°; in the S. of England and in the extreme N. of Scotland it is below 45°, the lowest readings reported being 41° at Lumbrough H. and 43° at Wick and Durness. At the Continental stations temperature differs but little from the normal; frost is confined to Scandinavia, and is not severe, excepting at Haparanda, where the thermometer stands at 22°. The weather is dull over W. Europe, as a whole, with rain in the NW. parts of Et. Britain and fog at Harmond and Rochester. Over the greater part of Scandinavia and Denmark the weather is fine, but on the W. coasts of Norway the sky is overcast. The sea is slight or smooth generally, but rather rough at Christiansund. During yesterday the thermometer rose to 50° or slightly above it in many parts of the United Kingdom, the highest reading reported being 54° at Leeds and Blackrod P. The amount of Bright Sunshine was generally small; in several parts of England and Ireland there was none. Rain has fallen in Scotland as well as at many of the Scandinavian, Danish and German stations.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new low pressure system which has appeared off the W. of Scotland is likely to move in an E. or E.S.E. direction. Freshening winds from between S. and W. are probable on many parts of our western and northern coasts, and rain is likely to spread over the whole Kingdom, but small quantities only are expected in the south.

## FORECASTS \*

For the 24 hours ending at NOON on 10<sup>th</sup> November, 1901

### DISTRICTS.

### FORECASTS.

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

S to W winds, freshening; rainy at first, some improvement later.

SW & W winds, freshening, cloudy, rain at times.

W winds, moderate; cloudy generally, some rain tonight or tomorrow.

### DISTRICTS.

### FORECASTS.

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

Same as Nos 0+1

Same as no. 2.

Same as Nos 3 to 5.

SW winds, increasing in force; cloudy, rain at times.

### WARNINGS

At 7.40 pm to part of District 0, 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. Ins. Change.	Temperature. Dry. Wet. Change			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	0	50 36	0.0	—
Newton Reigny (Penrith)	30.10	48	W 5	0	30.07 -0.07	46	45	0	SW 2	r	*	cg or	49 50	1.7	0.06
Bath	30.22	48	NW 1	m	30.20 -0.02	44	43	0	SW 2	0	*	0	54 43	3.1	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	50	44	bc	3.9	—	Worthing	*	*	*	0.9	*
Birmingham, 9 p.m.	48	43	0	0.1	—	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	50	41	b	0.0	—	Rhyl	*	*	*	?	*
Hastings	*	*	*	0.3	*	Southport, 9 p.m.	50	47	0	1.3	—
Eastbourne	*	*	*	0.4	*	Manchester, 9 p.m.	49	41	0	0.0	—
Brighton	*	*	*	0.1	*	Darwen, 9 p.m.	47	41	0.0	0.0	0.01

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) NOV. 8	70	54	b, b	Ins.	Algiers NOV. 8	72	54	0, 0	Ins.
Madrid	57	32	0, b	—	Tunis	68	52	0, bc	—
Corsica (I. Sanguinaires)	66	57	r, f	0.35	Vienna	50	41	0, bc	—
Rome	51	48	0, 0	0.67	St. Petersburg	41	34	r, 0	0.16
Florence	56	48	b, 0	—	Lugano NOV. 7	46	—	0	Measured at 7 a.m. 1
Trieste	54	41	b, b	—	Davos	45	—	b	—
Brindisi	58	44	c, r	0.20	Lucerne	36	—	m	—
Naples	55	47	r, 0	0.59	Lausanne	43	—	m	—
Palermo	64	54	0, 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.

NOV. 9 <sup>th</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.4	11.37	4.10
Greenwich	7.9	11.44	4.19
Wick	7.49	11.56	4.3
Valencia	7.51	12.25	4.59

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 10<sup>th</sup> November 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. In.	
		At 10 and M.S.L.	Dry Bulb.	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.							
																	Inch.	Inch.			°
SCANDINAVIA.		Haparanda ...	29.61	16	Z	0	b	29.37	-1.4	23	25	+3	S	4	b	*	b	28	?	*	0.04
		Hernösand ...	29.74	31	Z	0	o	29.59	-0.3	35	33	+1	Z	0	o	*	o	36	27	*	—
		Stockholm ...	29.91	28	Z	0	b	29.74	+2.1	33	30	+5	W	2	b	*	b	36	23	*	—
		Wisby ...	29.89	37	N	9	b	29.82	+3.32	41	38	+5	NW	8	o	*	b	43	30	*	—
		Karlstad ...	29.94	34	NNW	2	o	29.86	+1.2	34	32	+3	Z	0	o	*	o	*	*	*	—
		Färder (X'landa Fjord)	30.00	45	WSW	2	b	29.81	-0.1	40	36	+1	WSW	3	bc	*	b	45	39	*	—
		Bodö ...	29.62	37	W	6	m	29.54	-2.0	35	32	+4	NNW	4	bc	*	m	37	30	*	—
		Christiansund ...	29.98	40	WNW	5	+	29.76	-1.4	38	34	-1	WNW	3	+	*	+	43	34	*	0.28
		Skudesnaes ...	30.00	38	Z	0	b	29.74	-2.3	43	43	+8	SSE	6	+	*	b	43	34	*	—
		Sumburgh Head ...	29.82	43	SE	4	o	29.54	-1.45	45	45	+4	WNW	4	o	*	b	44	41	*	0.22
		Stornoway ...	29.71	52	SW	2	o	29.69	-1.4	46	46	-4	W	2	o	*	o	56	45	*	0.12
		Malin Head ...	29.88	51	WSW	6	+	29.76	-1.9	52	52	0	W	4	+	*	+	52	48	*	0.55
		Blacksod Pt. ...	29.97	53	SW	6	+	29.84	-1.3	53	53	-1	SW	4	+	*	+	54	51	*	0.76
		Valencia ...	30.11	54	S	3	o	30.04	-1.2	54	49	+2	SSW	3	o	*	o	55	51	0.0	—
		Roche's Point ...	30.16	52	WSW	3	o	30.08	-1.3	54	49	+4	W	4	c	*	o	54	49	*	—
		Parsonstown ...	30.08	52	WSW	1	o	29.98	-1.6	48	45	0	WSW	2	c	*	o	52	47	0.0	—
		Donaghadee ...	29.99	49	SSW	3	+	29.85	-2.2	50	50	+2	SW	4	og	*	+	52	47	*	0.30
		Liverpool Obsy. ...	30.11	48	ESE	2	o	29.97	-1.7	50	46	+3	SW	3	bc	*	o	51	47	*	—
		Holyhead ...	30.11	51	SW	3	o	29.99	-1.6	52	48	+2	WSW	4	bc	*	o	52	46	*	—
		Pembroke (St. Ann's)	30.16	52	WSW	4	c	30.07	-1.2	55	49	+4	WSW	5	og	*	c	55	48	0.0	—
		Scilly (St. Mary's)...	30.22	51	SW	3	c	30.16	-0.6	51	48	+3	SSW	4	o	*	c	53	46	0.0	—
		Jersey (St. Aubins)...	30.23	52	NNW	2	o	30.24	-0.2	50	45	0	W	2	om	*	cog	55	49	2.8	—
		Portland Bill ...	30.22	51	NW	3	c	30.16	-1.0	53	50	+6	W	4	c	*	c	53	47	*	—
		Dungeness ...	30.19	46	NW	2	o	30.13	-0.6	50	47	+4	W	4	o	*	o	50	43	*	—
		Wick ...	29.73	47	SSE	1	o	29.63	-2.8	44	43	+1	WNW	1	b	*	o	51	42	*	0.14
		Nairn ...	29.68	53	SW	2	o	29.69	-2.2	48	46	+2	SW	1	bc	*	o	53	44	*	0.16
		Aberdeen ...	29.86	48	SSW	3	o	29.69	-3.1	46	44	+2	NW	1	bc	*	og, o	49	43	0.0	0.34
		Leith ...	29.90	48	SSE	1	o	29.72	-2.4	52	51	+4	WSW	2	o	*	o	52	47	*	0.67
		North Shields ...	30.01	49	SW	2	o	29.82	-2.2	52	50	+5	W	2	+	*	+	52	46	*	0.55
		Spurn Head ...	30.07	47	WSW	3	c	29.92	-1.4	48	46	+1	SW	4	c	*	+	50	45	*	0.07
		Yarmouth ...	30.10	47	WNW	2	c	30.01	-0.8	45	44	0	WSW	3	cf	*	+	48	43	*	0.04
		Loughborough ...	30.15	47	SW	2	o	30.02	-1.5	48	45	+2	SW	4	c	*	om, og	49	46	*	—
		Oxford ...	30.20	47	W	2	o	30.11	-1.1	48	45	+4	SW	1	o	*	o	50	43	*	—
		London (Brixton)	30.19	47	NW	1	o	30.14	-0.4	48	44	+3	SW	2	o	*	emo	50	45	*	—
		The Scaw (Skagen)	30.00	36	Z	0	b	29.86	+0.6	41	39	-1	NNE	3	bc	*	b	45	34	*	—
		Fanö ...	30.10	34	SSE	1	b	29.92	+0.1	46	45	+8	S	4	+	*	b	46	32	*	0.04
		Cuxhaven ...	30.12	41	NW	1	b	30.02	+0.8	37	36	-4	S	3	o	*	b	46	32	*	—
		The Helder ...	30.09	46	ESE	1	o	29.95	-0.5	49	46	-3	W	3	o	*	o	52	46	*	0.04
		Brussels ...	*	*	*	*	*	30.15	+0.1	43	42	+1	SW	2	m	*	o	48	43	*	—
		Berlin ...	30.12	38	W	1	b	30.15	+3.1	29	28	-13	SW	2	b	*	b	48	28	*	—
		Frankfurt ...	30.17	46	W	4	o	30.15	+0.9	44	43	-1	SW	3	o	*	o	48	43	*	—
		Munich ...	30.17	39	W	3	+	30.21	+0.8	38	37	+1	SW	4	o	*	+	43	34	*	0.04
		C. Gris Nez ...	30.20	47	WNW	4	m	30.15	-0.3	49	47	+2	W	5	o	*	m	55	45	*	—
		Brest ...	30.24	50	W	1	c	30.27	+0.1	48	48	-1	W	1	o	*	c	54	45	*	—
		Lorient ...	30.26	52	NW	2	o	30.26	-0.1	51	46	+1	NW	3	o	*	o	54	48	*	—
		Rochefort ...	30.30	48	E	3	o	30.33	+1.0	48	46	+11	E	3	o	*	bc	54	34	*	—
		Biarritz ...	30.25	48	N	3	bc	30.30	+0.9	42	40	-6	ENE	2	bc	*	bc	50	41	*	—
		Paris ...	30.25	44	SSW	2	o	30.23	0.0	43	41	+5	SSW	2	o	*	o	48	42	*	—
		Belfort ...	30.17	40	WSW	2	m	30.22	+0.6	35	34	-2	Z	0	f	*	m	43	34	*	—
		Lyons ...	30.23	42	NNE	1	o	30.23	0.0	39	37	+3	NNW	1	b	*	o	42	39	*	—
		Nice ...	29.90	49	E	1	b	30.01	+0.6	44	41	-2	E	2	b	*	b	61	44	*	—
		Perpignan ...	30.01	53	NW	3	b	30.09	+0.4	45	40	-5	NW	2	b	*	b	64	43	*	—
		Corunna ...																			
		Lisbon ...																			
SPAN. PEN.		Azores (P. Delgada)	29.85	66	Z	0	+	29.83	+0.3	66	64	-2	SW	1	m	*	+	72	64	*	—

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, 10<sup>th</sup> November,

1901.

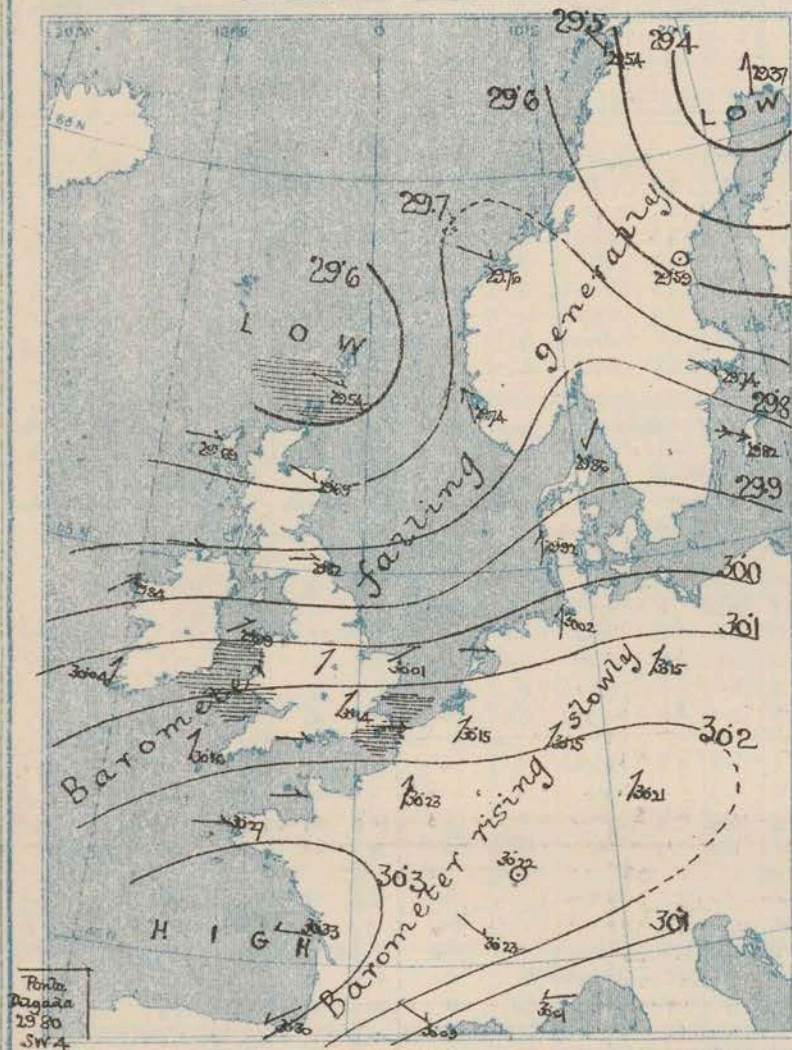
## I. BAROMETER, WIND AND SEA. This Morning.

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 3 to 10 → : Force 1 to 4 → :

SEA.—Rough : High :

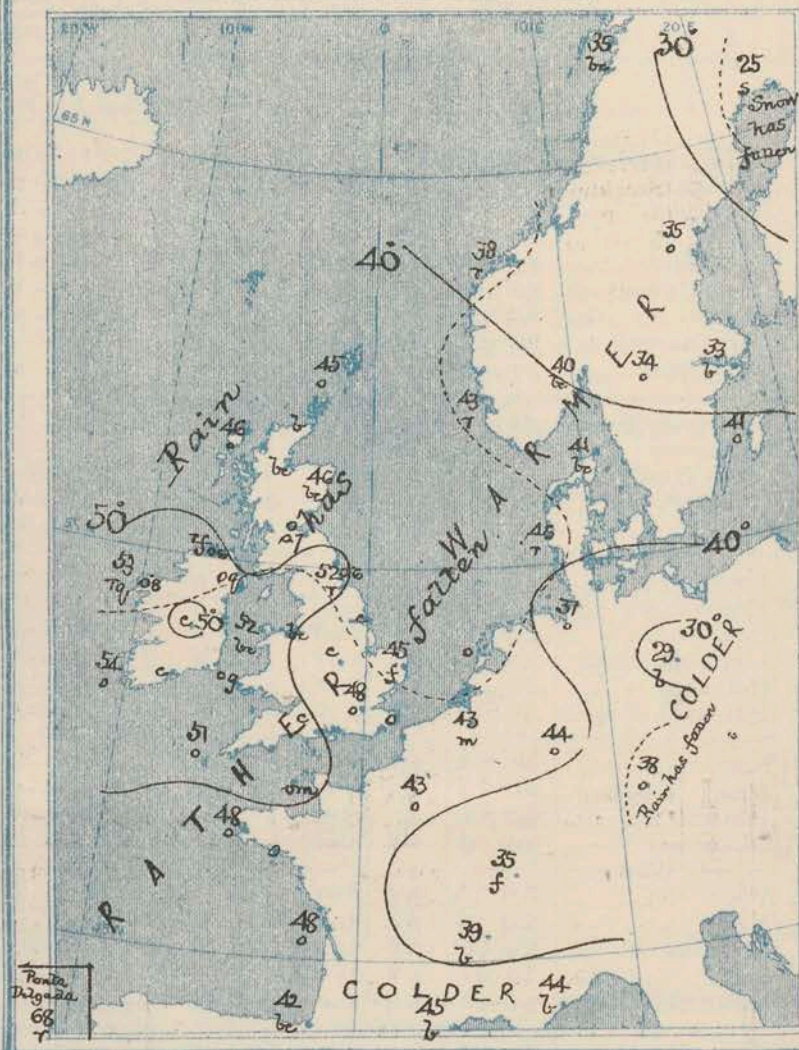


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

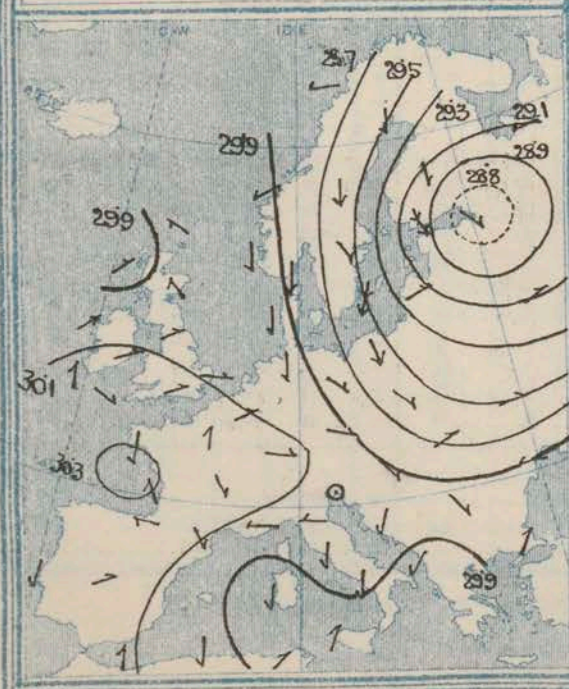
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.

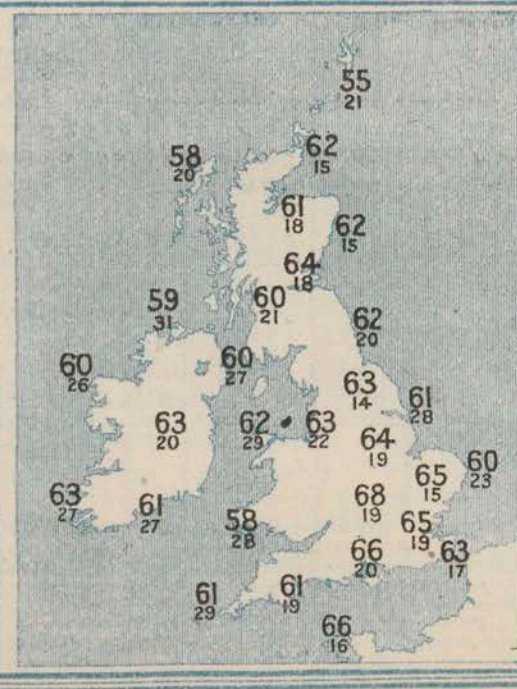


## IV. EXTREMES OF TEMPERATURE

in month of NOVEMBER (1871-1900)

Specimen { Highest Max, 62  
(for Shields) { Lowest Min, 20

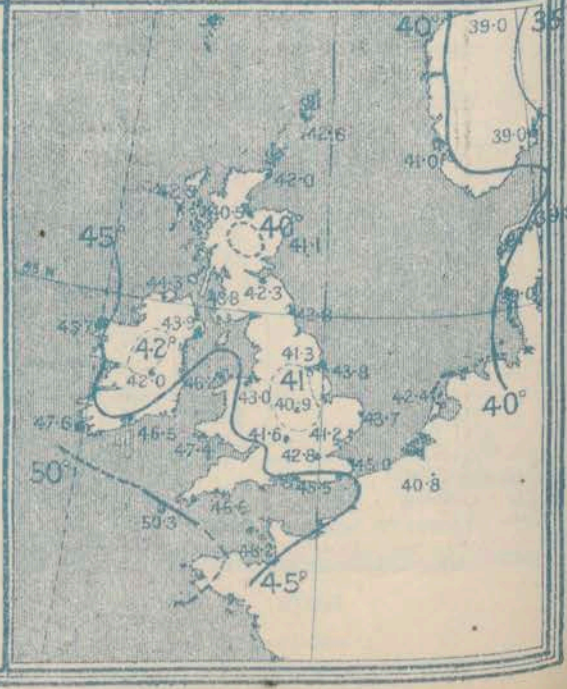
Malin Head & Blacksod & Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the monthly period

November (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Barometrical pressure is now highest, 30.3 ins. and upwards, in the central portion of an anticyclone lying over the southern parts of the Bay of Biscay, the borders of the system extending northwards over France, Germany and the south of England. The lowest readings, 29.4 ins. and less, are found in a cyclonic area over Lapland, but another low pressure system with readings below 29.6 ins. is lying off the north of Scotland. The barometer is at present falling at all but our extreme southern stations, - briskly in the north.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is W. or S.W. over our Islands, the Netherlands, Germany and the north of France, light or moderate in force generally, but very strong at Blackhead Point; on the eastern shores of the North Sea it draws into S., but in Sweden it is W. or N.W. Over the southern parts of France light E. breezes are reported. Temperature has risen a little in most places, but has fallen in the south of France. In our Islands the readings are above the average, the thermometer exceeding 50° in several places and reaching 55° at Pembroke; at the Continental stations, however, the readings are mostly below the normal, the lowest reported being 25° at Haparanda, 29° at Berlin and 33° at Stockholm. The weather is cloudy or dull over western Europe as a whole, with rain over the northern parts of England and Ireland, as well as on the eastern shores of the North Sea, and with snow at Haparanda. Fine in north Wales and the northeast of Scotland and also in the south of France. The sea is rough at Sunningdale, W. and Blackhead Point and rather rough at Pembroke and Cape Giv'ry, but moderate to smooth elsewhere.

During yesterday the thermometer rose to between 50° and 55° over the United Kingdom generally; in central France it did not reach 50° but in the south of that country it exceeded 60°. Scarcely any bright sunshine was recorded; at the majority of our stations there was none at all. Rain fell in all the more northern and eastern parts of our Islands and also in the north of Scandinavia and in some parts of Denmark and Germany; in the south of Scotland and the extreme northern parts of England and Ireland the amount was considerable.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS \*

For the 24 hours ending at NOON on 11<sup>TH</sup> NOVEMBER 1901

### 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 9.45 am yesterday to district 10 and part of 9. Hoist South Cone.*

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.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.	Sun-	Rainfall.
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max. Min.	shin.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	c	*	co	52 45	1.9	-
Newton Reigny (Penrith)	30.02	48	W2	0	29.86	-21	49	49	+3	SW4	r	ognd	49 46	0.0	0.07
Bath	30.21	45	N1	0	30.10	-10	49	46	+5	NW2	0	0	51 44	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.	51	42	b	0.3	-	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	50	43	0	0.0	-	Llandudno	*	*	*	*	*
Lowestoft, 6 p.m.	*	*	*	0.0	*	Rhyl	*	*	*	*	*
Hastings	*	*	*	*	*	Southport, 9 p.m.	51	48	0	0.0	-
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	50	44	0	0.0	-
Brighton	*	*	*	*	*	Darwen, 9 p.m.	48	44	0.7	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) <i>Nov. 9</i>	-	-	-	Ins. -	Algiers ... <i>Nov. 9.</i>	68	55	r, c	Ins. 0.24
Madrid	55	30	c, b	0.16	Tunis	-	-	-	-
Corsica (I. Sanguinaires)	64	55	m, m	-	Vienna	52	43	0, 0	-
Rome	61	52	0, 0	0.63	St. Petersburg	36	27	m, 0	0.16
Florence	54	49	0, 0	-	Lugano ... <i>Nov. 8.</i>	48	-	0	Measured 7 a.m. 8
Trieste	54	41	b, 0	-	Davos	50	-	b	-
Brindisi	60	44	r, 0	0.12	Lucerne	37	-	f	-
Naples	60	55	c, 0	0.08	Lausanne	43	-	b	-
Palermo	78	55	b, 0	0.47					

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

<i>Nov. 10, 1901.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.6	11.37	4.8
Greenwich	7.11	11.44	4.17
Wick	7.51	11.56	4.1
Valencia	7.53	12.25	4.57

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



# DAILY WEATHER REPORT

for 8 a.m. on Monday 11<sup>th</sup> November

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 5.)	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.
SCANDINAVIA.	Haparanda	29.46	56	Z	0	b	29.47	+10	6	6	-19	N	2	b	*	39	6	*	0.04		
	Hernösand	29.40	32	Z	0	0	29.47	-12	28	27	-7	N	4	0	*	41	28	*	-		
	Stockholm	29.46	32	Z	0	0	29.29	-45	28	28	-5	NW	2	b	*	39	25	*	-		
	Wisby	29.54	41	W	8	0	29.20	-62	41	39	0	NE	1	*	*	43	32	*	0.16		
	Karlstad	29.48	34	N	2	+	29.34	-52	31	29	-3	N	2	0	*	*	*	*	0.08		
	Färder (X'ania Fjord)	29.45	38	N	4	+	29.37	-44	37	35	-3	N	4	0	2	+	41	34	*	0.20	
	Bodö	29.52	28	E	2	bc	29.54	00	24	22	-11	E	2	0	1	b	36	21	*	-	
	Christiansund	29.52	38	W	2	+	29.55	-21	32	30	-6	ENE	1	b	4	+	39	32	*	0.24	
	Skudesnaes	29.47	46	W	6	0	29.36	-38	43	40	0	NNW	4	bc	3	0	50	43	*	*	
	Sumburgh Head	29.50	45	WNW	3	0	29.57	+03	40	39	-5	NNE	3	+	5	+0	48	40	*	0.12	
BRITISH ISLANDS.	Stornoway	29.73	50	NW	4	0	29.71	-05	48	46	-4	NW	4	c/p	2	+	52	46	*	0.32	
	Malin Head	29.84	50	WNW	3	0	29.78	-06	47	46	-6	WNW	1	c	3	+	53	44	*	0.23	
	Blacksod Pt.	29.95	55	SSW	5	c	29.83	-21	53	51	-1	S	2	og	4	bc	58	52	5.4	0.01	
	Valencia...	29.95	55	SSW	5	c	29.83	-21	53	51	-1	S	2	og	4	bc	58	52	5.4	0.01	
	Roche's Point	30.00	53	W	4	b	29.86	-22	54	51	0	WSW	2	0	3	bc	57	52	*	-	
	Parsonstown	29.88	51	SW	3	+	29.79	-19	47	47	-1	SW	1	or	*	+	56	47	1.3	0.47	
	Donaghadee	29.75	53	WSW	3	0	29.76	-09	43	42	-7	W	1	c.u	2	0	54	42	*	0.03	
	Liverpool Obsy.	29.87	52	SW	3	0	29.78	-19	47	46	-3	WSW	2	0	2	o.p	55	46	*	0.19	
	Holyhead	29.87	53	SW	4	0	29.78	-21	49	49	-3	W	2	c	1	c.p	55	48	*	0.24	
	Pembroke (St. Ann's)	29.98	54	WSW	6	c	29.87	-20	54	52	-1	WSW	6	ogm	6	c	55	53	0.0	-	
GERMANY, &c.	Scilly (St. Mary's)	30.11	53	SW	5	0	29.95	-21	54	52	+3	SW	5	0	4	0	55	49	0.0	-	
	Jersey (St. Aubins)	30.16	53	WSW	4	0	30.04	-20	54	48	+4	SW	5	om	4	ogm	54	49	0.0	-	
	Portland Bill	30.09	54	W	5	0	29.95	-21	54	52	+1	W	6	0	5	0	55	53	*	-	
	Dungeness	30.05	53	W	4	0	29.91	-22	52	48	+2	W	4	c	3	0	54	48	*	-	
	Wick	29.54	45	NW	2	0	29.58	-05	45	44	+1	N	2	bc	1	0	52	41	*	0.08	
	Nairn	29.63	48	W	1	bc	29.62	-07	46	43	-3	SW	2	0	1	bc	53	38	*	-	
	Aberdeen	29.63	46	WSW	2	bc	29.58	-11	45	42	-1	WSW	3	bc	1	bc	52	39	2.5	-	
	Leith	29.66	50	W	1	+	29.65	-07	45	43	-7	W	2	b	*	+	54	43	*	0.05	
	North Shields	29.70	52	SW	3	+	29.67	-15	44	43	-8	WSW	3	c	2	+	54	42	*	0.04	
	Spurn Head	29.81	50	SW	4	c	29.73	-19	48	46	0	WSW	4	bc	3	c	54	46	*	0.03	
FRANCE.	Yarmouth	29.90	51	WSW	4	bc	29.77	-24	49	48	+4	WSW	4	cgm	3	bc	54	44	*	0.02	
	Loughborough	29.92	51	WSW	3	c	29.80	-22	50	49	+2	W	2	od	*	c	55	48	*	-	
	Oxford	29.98	51	SW	2	c	29.87	-24	50	46	+2	SW	2	0	*	c	52	48	*	-	
	London (Brixton)	30.14	48	SW	2	0	29.89	-25	50	45	+2	WSW	3	c	*	0	52	47	0.0	-	
	The Scaw (Skagen)	29.43	46	WSW	2	f	29.32	-54	41	40	0	NNE	3	0	1	f	46	36	*	0.20	
	Fanö	29.60	50	W	4	bc	29.49	-43	47	45	+1	W	2	bc	*	bc	50	45	*	0.28	
	Cuxhaven	29.76	47	WSW	5	+	29.57	-45	49	48	+12	W	5	+	*	+	48	?	*	0.24	
	The Helder	29.85	53	W	5	0	29.70	-25	52	51	+3	WNW	6	0	5	0	54	48	*	0.24	
	Brussels	*	*	*	*	*	29.93	-22	46	45	+3	WSW	2	0	*	0	48	43	*	-	
	Berlin	29.86	?	SW	2	b	29.65	-50	45	45	+16	WSW	3	+	*	b	45	28	*	0.28	
SPAN. PEN.	Frankfurt	30.08	46	SW	4	0	29.95	-20	46	42	+2	SW	4	0	*	0	46	44	*	-	
	Munich	30.13	32	W	4	0	30.07	-14	39	37	+1	W	5	c	*	0	45	37	*	-	
	C. Gris Nez	30.06	52	W	6	0	29.94	-21	54	54	+5	WNW	6	c	6	0	55	45	*	-	
	Brest	30.19	52	WSW	3	0	30.05	-22	55	50	+7	SW	4	0	3	0	?	?	*	-	
	Lorient	30.21	51	NE	1	0	30.10	-16	52	47	+1	W	2	0	2	0	55	48	*	-	
	Rocheport	30.30	50	E	2	0	30.23	-10	46	43	-2	S	2	0	*	0	54	41	*	-	
	Biarritz	30.26	45	ENE	2	b	30.17	-13	35	34	-7	ESE	3	m	2	b	52	34	*	-	
	Paris	30.19	46	SW	2	0	30.09	-14	43	40	0	SSW	2	0	*	0	49	43	*	-	
	Belfort	30.15	41	WSW	4	m	30.11	-11	38	36	+3	WSW	2	0	*	m	52	38	*	-	
	Lyons	30.04	43	N	1	0	30.26	+03	42	39	+3	N	1	0	*	0	49	41	*	-	
Nice	30.08	53	Z	0	0	30.03	+02	46	45	+2	E	3	c	2	0	59	45	*	-		
Perpignan	30.13	48	Z	0	b	30.11	+02	34	34	-11	Z	0	b	*	b	60	33	*	-		
Azores (P. Delgada)	29.27	68	WSW	1	0	29.79	-05	67	67	-2	SE	3	0	2	*	72	66	*	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.

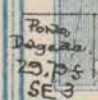
† Observations received too late for insertion in Charts on next page.



FOR Monday, 11<sup>th</sup> November, 1901

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

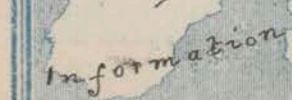
SEA.—*Rough*  : *High* 



RAINFALL.— $\left\{ \begin{array}{l} \text{A dotted line separates areas where rain has fallen from those} \\ \text{without rain. The fall in past 24 hours when exceeding half} \\ \text{an inch is shown thus—} 0.8 \end{array} \right.$



*Yesterday morning.*



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



## November (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Barometrical pressure is now highest, 30.2 ins. and upwards, over the S. of France, and lowest, 29.2 ins. and less, in a cyclonic system with its centre over the Baltic—apparently a little to the eastward of Gotland. The latter system is moving N.E. and in its rear the barometer is rising again in the north of Scotland and west of Norway; elsewhere the mercury is falling, — briskly over Denmark and north Germany.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is W. or S.W. over western Europe generally and blows strongly on some of more exposed parts of our south and southwest coasts. In the north of Ireland it has veered to the N.W., and in the north of Scotland and in Scandinavia to the N. or N.E. Temperature has risen a little over the southern parts of England and also over the greater part of France, Germany and the Netherlands, but has fallen in the west and north of our Islands and in Scandinavia. Over the United Kingdom the readings are still above the average, especially in the south, where they range between 50° and 54°; at some of the northern stations the thermometer is below 45°, the lowest reading reported being 40° at Lumburgh Head. Readings below 40° are reported also at some of the southern stations in France and Germany; in Sweden the thermometer is below the freezing point and at Haparanda the reading is as low as 6° F. The weather is cloudy or dull over W. Europe as a whole, with rain at Lumburgh H. and Parsonstown and also over N. Germany and at Wisby. On the east coast of Gt. Britain the weather is fine. The sea is rough at Pembroke and rather rough at Portland Bill and Lumburgh H.

During yesterday the thermometer rose to between 50° and 55° over the United Kingdom generally and to 58° at Valencia. The amount of Bright Sunshine was generally small at most of the English stations there was none. Rain fell over Ireland and the northern parts of Great Britain.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are indications of the advance of small secondary areas of low pressure from the westward, and rain is therefore probable at many of our southern stations. In the rear of the cyclonic system which now lies over the Baltic an anticyclonic area is apparently spreading over Scandinavia from the north-westward.

## FORECASTS \*

For the 24 hours ending at NOON on 12<sup>th</sup> November, 1901

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

1 { SCOTLAND  
EAST

2 { ENGLAND  
N.E.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

5 { ENGLAND  
SOUTH

N<sup>ly</sup> to NE<sup>ly</sup> winds, light; some showers at first, then fair, colder.

N<sup>ly</sup> to NW<sup>ly</sup> winds, light; changeable, some showers, colder.

N<sup>ly</sup> winds moderate; cloudy. Slight rain locally; colder.

### DISTRICTS.

### FORECASTS.

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

N<sup>ly</sup> to N<sup>ly</sup> winds, light; changeable, some showers, colder.

Same as No. 2.

SW<sup>ly</sup> to NW<sup>ly</sup> winds, fresh; changeable, some showers, colder.

Same as No. 6.

Same as No. 8.

### WARNINGS

At 10.30 am. to Districts 9 & 10 "Lower Cone".

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.							PART 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	0	52 47	0.0	-
Newton Reigny (Penrith)	29.75	50	SW 5	†	29.72 - .12	45	44	- 4	WSW 2	0	*	†	51 44	0.0	0.21
Bath	30.04	48	NW 4	0	29.89 - .12	51	48	+ 2	W 4	C	*	0	53 48	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.	53	45	0	0.2	0.31	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	54	45	6	0.2	-	Llandudno	*	*	*	2.6	*
Lowestoft, to 6 p.m.						Rhyl	*	*	*	3.0	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	56	50	0.7	2.4	0.01
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.					
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	54	44	2	2.3	0.01

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) NOV. 10				Ins.	Algiers ... NOV. 10.				Ins.
Madrid					Tunis				
Corsica (I. Sanguinaires)					Vienna				
Rome			Information		St. Petersburg				
Florence									
Trieste			not		Lugano ... NOV. 9.	46	—	6	Measured 7 a.m. 9 p.m.
Brindisi					Davos	41	—	6	—
Naples			arrived.		Lucerne	43	—	0	—
Palermo					Lausanne	—	—	—	—

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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.	Nov. 11 <sup>th</sup> , 1901.	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	7.8	11.34	4.6
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	7.12	11.44	4.16
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	7.53	11.56	3.59
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	7.55	12.25	4.55
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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 12<sup>th</sup> November 1901.  
Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall. Ins.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.			Max.	Min.			
																			Ins.		
SCANDINAVIA.	Haparanda ...	29.45	15	N	2	b	29.63	+16	13	12	+4	Z	0	b	*	b	17	3	*	—	
	Hernösand ...	29.59	19	Z	0	b	29.69	+22	18	16	-10	NW	4	0	*	b	35	16	*	—	
	Stockholm ...	29.57	26	N	2	b	29.72	+43	20	19	-8	WNW	2	0	*	b	34	22	*	—	
	Wisby ...	29.47	32	NNE	2	0	29.68	+48	33	28	-8	NNE	6	0	*	b	46	28	*	0.08	
	Karlstad ...	29.62	29	NNE	2	0	29.77	+43	21	20	-10	NNE	2	0	*	0	*	*	*	—	
	Færder (X'ania Fjord)	29.58	36	NNE	4	c	29.70	+33	31	28	-6	NE	2	c	2	c	37	30	*	—	
	Bodö ...	29.69	20	E	2	b	29.80	+26	16	15	-6	E	3	0	1	b	25	12	*	—	
	Christiansund ...	29.69	31	NE	2	bcs	29.77	+22	31	29	-1	ESE	1	c	3	0	34	28	*	0.28	
	Skudesnaes ...	29.75	38	NNE	4	c	29.69	+33	35	32	-8	ENE	4	bc	2	ct	42	34	*	*	
	Sumburgh Head	29.62	36	NNE	1	0	29.76	+19	33	31	-7	NE	3	0	5	0	40	31	*	0.21	
BRITISH ISLANDS.	Stornoway ...	29.73	40	N	2	c	29.70	+2	42	37	-3	ENE	7	0	7	c	48	34	0.5	0.08	
	Malin Head ...	29.66	46	NW	3	mpo	29.22	-49	42	41	+6	E	10	tygm	6	0	51	41	*	0.13	
	Blacksod Pt. ...	29.65	47	E	4	+	29.18	-60	46	44	-1	NNE	9	+	6	+	49	45	*	0.58	
	Valencia ...	29.49	53	SSE	5	mt	29.01	-82	44	42	-9	N	8	+	6	+	55	43	0.0	1.79	
	Roche's Point ...	29.64	54	SW	5	+	28.90	-96	51	49	-3	SW	5	c	5	ot	55	50	*	1.45	
	Parsonstown ...	29.64	49	SE	1	+	28.93	-86	41	40	-6	SW	3	ot	*	+	50	41	0.0	2.70	
	Donaghadee ...	29.68	47	WSW	1	c	29.18	-58	44	43	+1	E	8	tm	7	c	48	38	*	0.63	
	Liverpool Obsy. ...	29.70	48	WSW	2	+	29.11	-67	46	46	-1	ESE	5	+	?	+	50	45	*	1.37	
	Holyhead ...	29.70	48	W	1	gmr	28.97	-92	51	51	+2	S	7	+	?	+	?	?	*	2.68	
	Pembroke (St. Ann's)	29.72	51	WSW	4	+	28.96	-91	55	54	+1	S	9	ogqr	7	+	56	50	1.4	0.74	
GERMANY, &c.	Scilly (St. Mary's) ...	29.79	53	SSW	5	+	29.13	-82	56	55	+2	ENE	8	+	5	ot	56	51	1.0	0.27	
	Jersey (St. Aubins) ...	29.93	54	SW	4	gms	29.58	-46	52	47	-2	SSE	6	c	4	0	55	50	0.0	—	
	Portland Bill ...	29.83	54	W	5	opc	29.39	-56	54	51	0	SSW	8	c	7	cpc	54	53	*	0.02	
	Dungeness ...	29.82	52	W	4	bc	29.52	-39	52	50	0	SW	6	0	5	bc	61	50	*	0.11	
	Wick ...	29.64	44	E	1	c	29.67	+09	40	38	-5	ENE	6	bc	3	c	46	34	*	0.18	
	Nairn ...	29.66	43	W	2	0	29.63	+01	39	37	-6	ENE	1	0	3	0	46	34	*	0.26	
	Aberdeen ...	29.64	42	N	2	cp	29.60	+02	42	38	-3	NE	6	ogqr	6	cpc	48	38	1.9	0.21	
	Leith ...	29.62	49	W	2	0	29.45	-20	40	40	-5	E	6	+	*	0	51	40	*	0.35	
	North Shields ...	29.64	48	WSW	2	0	29.38	-29	45	44	+1	E	3	+	3	0	51	42	*	0.30	
	Spurn Head ...	29.66	49	WSW	3	c	29.36	-37	48	47	0	SSE	4	+	4	c	51	45	*	0.30	
FRANCE.	Yarmouth ...	29.71	50	W	2	f	29.46	-31	49	48	0	SSW	3	cm	3	f	52	46	*	0.26	
	Loughborough ...	29.72	50	WSW	3	td	29.30	-50	48	47	-2	S	4	gr	*	gmdot	50	47	*	0.44	
	Oxford ...	29.74	50	WSW	3	0	29.24	-63	52	48	+2	S	5	opq	*	0	55	48	*	0.03	
	London (Brixton) ...	29.80	52	SW	2	c	29.45	-44	50	47	0	S	5	0	40.9p	55	48	0.0	0.01		
	The Scaw (Skagen) ...	29.58	37	NNE	2	0	29.67	+35	38	35	-3	E	2	0	0	0	43	36	*	0.08	
	Fanö ...	29.56	59	NE	2	0	29.60	+11	39	38	-8	E	4	0	*	0	?	39	*	0.04	
	Cuxhaven ...	29.59	47	W	4	+	29.58	+01	47	48	-2	Z	0	0	*	+	50	45	*	0.43	
	The Helder ...	29.68	51	W	3	b	29.55	-15	48	48	-4	SE	1	+	3	b	54	48	*	0.20	
	Brussels ...	*	*	*	*	*	29.71	+22	42	40	-4	S	5	c	*	0	52	41	*	—	
	Berlin ...	29.61	47	W	4	0	29.65	+00	46	45	+1	SW	3	+	*	0	48	45	*	0.28	
SPAN. PEN.	Frankfurt ...	29.88	46	SW	4	0	29.83	-12	42	39	-4	SW	4	c	*	0	48	43	*	—	
	Munich ...	30.00	36	W	5	b	29.93	-14	28	28	-11	SW	2	b	*	b	45	24	*	—	
	C. Gris Nez ...	29.84	53	W	7	0	29.58	-36	51	50	-3	SW	7	0	7	0	64	45	*	0.43	
	Brest ...	29.93	54	SSW	4	0	29.49	-56	55	53	0	SW	7	0	6	0	55	46	*	—	
	Lorient ...	29.98	53	SSW	4	0	29.63	-47	54	51	+2	SSW	6	0	7	0	55	50	*	—	
	Rochefort ...	30.17	49	SSW	2	0	29.91	-32	38	38	-8	SSW	4	f	*	0	50	34	*	—	
	Biarritz ...	30.07	37	E	4	f	29.90	-27	32	32	-3	ESE	3	f	2	f	46	32	*	—	
	Paris ...	29.99	48	SW	1	0	29.81	-28	40	37	-3	SSW	3	0	*	0	53	39	*	—	
	Belfort ...	30.02	40	WSW	1	0	29.88	-23	27	26	-11	WSW	1	m	*	0	46	25	*	—	
	Lyons ...	30.10	41	NW	1	0	29.98	-28	?	33	?	S	?	?	*	0	44	33	*	—	
Nice ...	29.93	49	E	2	b	29.97	-06	44	42	-2	E	4	b	1	b	?	43	*	—		
Perpignan ...	30.02	43	Z	0	b	29.95	-16	43	41	+9	NE	1	0	*	b	55	41	*	—		
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 *Tuesday, 12<sup>th</sup> November, 1901.*

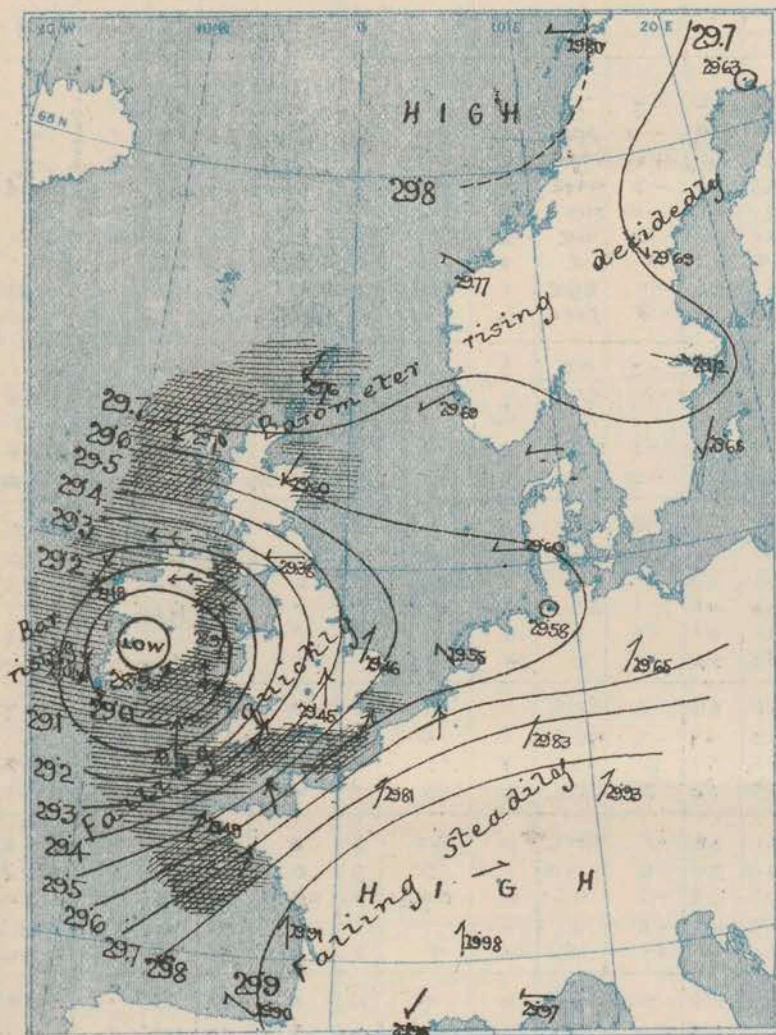
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

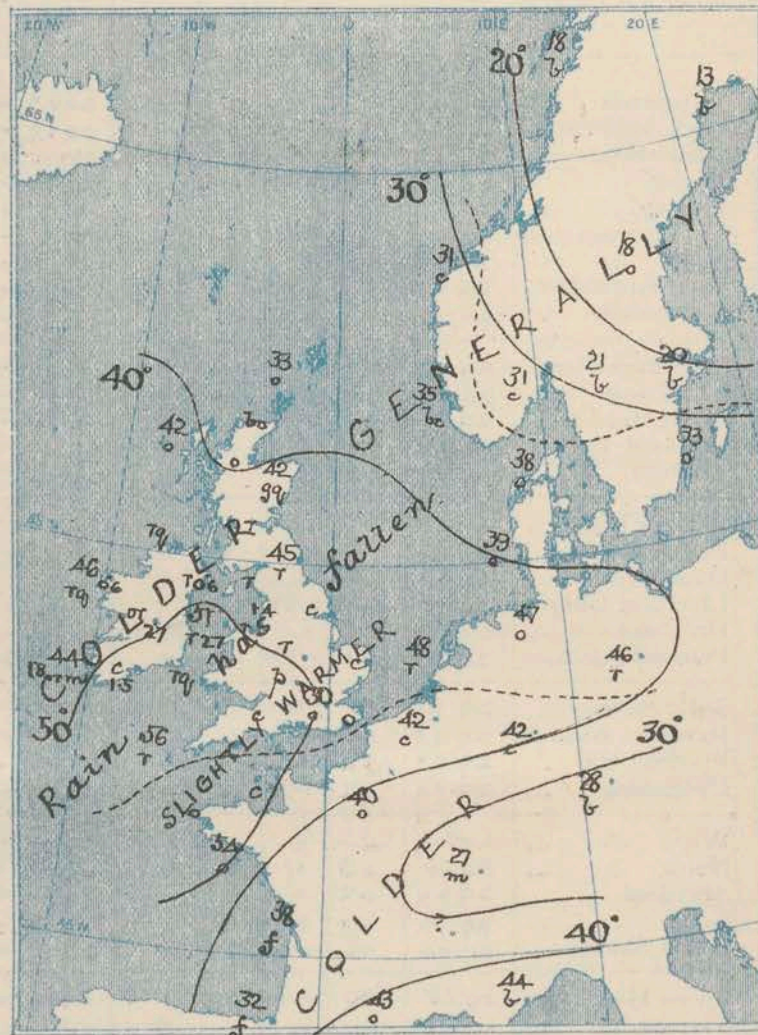


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

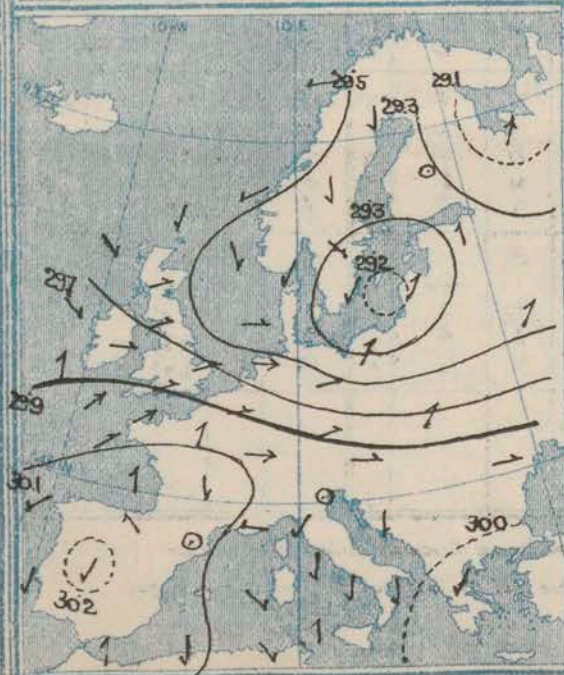
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

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.*

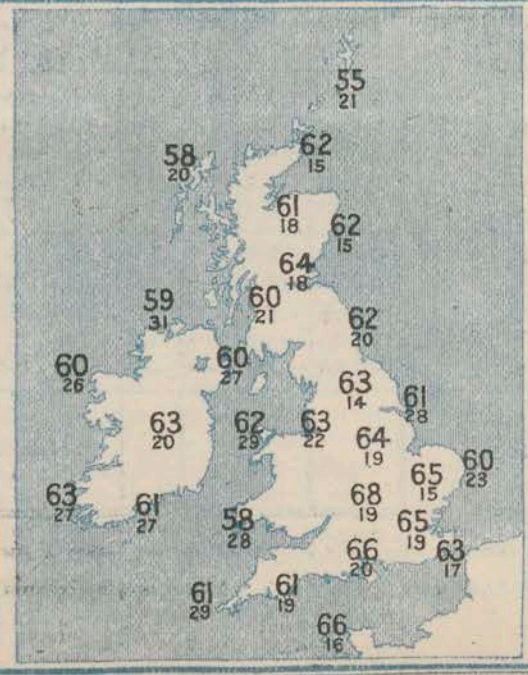


## IV. EXTREMES OF TEMPERATURE

*in month of NOVEMBER (1871-1900)*

Specimen { Highest Max, 62  
(for Shields) { Lowest Min, 20

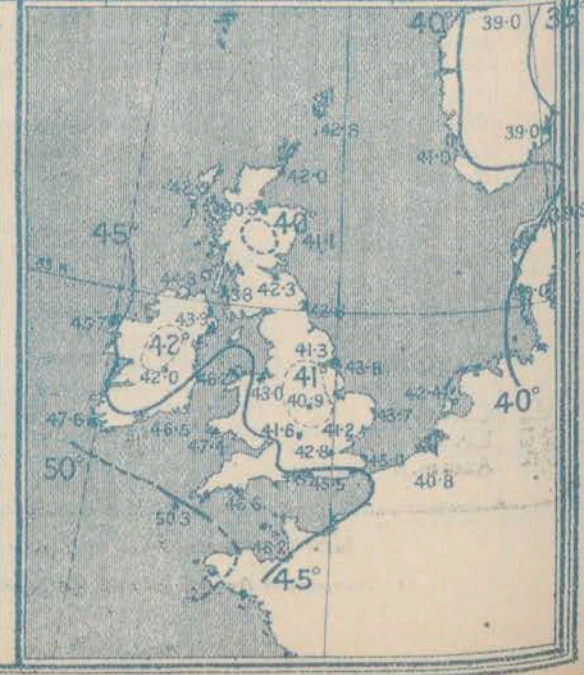
*Malin Head & Black s.d. - Belmullet. Values are for only 15 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am for the monthly period*

*November (1871-1900)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

A deep cyclonic system has advanced over our islands from the South-westward, its centre being at present situated over the South of Ireland. The lowest barometer reading, 28.90 inches, is reported at Roche's Point, and over the United Kingdom generally the mercury is falling quickly; at Valencia, however, a recovery has already commenced. The higher reading, 29.9 inches and upwards, are reported over the Southern parts of France and Germany, but pressure is relatively high, 29.7 inches and upwards, in a large area which extends over Scandinavia from the Atlantic.

### WIND

A complete cyclonic circulation is reported over our Islands, Southerly winds being general over England and Wales (with a gale in the West and South) strong Easterly and North-easterly winds on all our Northern coasts (with a gale in the North of Ireland) and Northerly gales in the West of Ireland. In Germany the wind is light to moderate from the South-westward and in Denmark and Norway from the Eastward, while in Sweden it is chiefly North-westerly. Temperature remains high for the time of year over England and the neighbouring parts of the continent, the readings being above 50° at most of our Southern stations and as high as 56° at Scilly. In all other parts of our area the thermometer has fallen, the lowest reading reported being: (1) In our islands 33° at Pumburgh Head and 39° at Naion; (2) In France and Germany at Bodö and Herjóland. The weather is dull over Western Europe generally, with heavy rain over Ireland, Wales and the West and North of England, but fine in Scandinavia. The sea is high at many of our Western and North Western stations and rough or rather so on all but our East coasts.

### TEMPERATURE

### WEATHER

### AND

### SEA

During yesterday the thermometer rose to between 50° and 55° in most parts of the United Kingdom; at Dungeness it is reported to have reached 61°. The amount of Bright Sunshine was large on our South and East coasts, but small elsewhere. Rain has fallen generally and very heavily in the West, the amount measured this morning being as large as 2.7 ins. at Parsonstown and Holyhead, 1.8 ins. at Valencia and 1.5 in. at Roche's Point.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The centre of the low pressure system will probably move in an East-south-easterly or possibly in a South-easterly direction, and considerable quantities of rain are likely to occur over England. A further increase of wind from the South is probable on our South and East coasts and from the North-east in Scotland.

## FORECASTS \*

For the 24 hours ending at NOON on **Nov. 13th** 1901

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	E <sup>4</sup> & N.E <sup>4</sup> winds, strong to a gale at first, moderating later; squally, some rain.	do.	do.
1	SCOTLAND EAST			
2	ENGLAND N.E.			
3	ENGLAND EAST	S <sup>4</sup> & S.E <sup>4</sup> winds, strong to a gale, squally, rainy, becoming colder.	do.	do.
4	MIDLAND COUNTIES			
5	ENGLAND SOUTH			

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	E <sup>4</sup> & N.E <sup>4</sup> gales, moderating later; squally & rainy; then fair; colder.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S <sup>4</sup> gales, shifting later to the N <sup>4</sup> ; squally & rainy, then fair; colder.
9	IRELAND NORTH	N <sup>4</sup> & N.E <sup>4</sup> gales, moderating later; squally & rainy, then fair.
10	IRELAND SOUTH	

### WARNINGS

The signals were hoisted last evening in districts 5 to 10 and this morning in districts 0 to 3.

*Note.*—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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	*	0	54	47	0.8	—
Newton Reigny (Penrith)	29.66	45	W 1	0	29.32	-.40	49	48	+4	SE 4	†	*	over	48	38	0.3	0.49
Bath	29.79	55	W 4	0	29.28	-.61	53	51	+2	SE 4	†	*	0	57	49	1.4	0.02

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	52	44	c	1.9	0.04	Worthing	*	*	*	5.2	*
Birmingham, 9 p.m.	51	47	b	0.0	0.10	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	52	46	or	0.0	0.05	Rhyl	*	*	*	0.0	*
Hastings	*	*	*	6.4	*	Southport, 9 p.m.	52	47	†	0.2	0.15
Eastbourne	*	*	*	4.5	*	Manchester, 9 p.m.	52	46	0.†	0.0	0.34
Brighton	*	*	*	4.5	*	Darwen, 9 p.m.	49	43	2	0.3	0.15

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) NOV. 11	72	59	0, c	Ins. 0.51	Algiers ... NOV. 11.	68	54	b, b	Ins. —
Madrid	57	28	c, b	0.16	Tunis...	68	55	c, c	—
Corsica (I. Sanguinaires)	64	54	m, m	—	Vienna	41	36	0, 0	—
Rome	65	45	b, 0	—	St. Petersburg...	28	19	5, 0	0.04
Florence	58	37	b, b	—	Lugano ... NOV. 10	1 p.m.	—	Information not arrived.	Measured 7 a.m. 10
Trieste	54	45	b, c	—	Davos	—	—	—	—
Brindisi...	61	51	c, c	—	Lucerne	—	—	—	—
Naples	61	50	b, b	—	Lausanne	—	—	—	—
Palermo	69	54	0, 0	0.20					

## 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.	NOV. 12 <sup>TH</sup> 1901.	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 ... ..	7.10	11.34	4.4
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	7.14	11.44	4.14
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	7.55	11.56	3.57
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	7.57	12.25	4.53
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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 13<sup>th</sup> November 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 5.)	Weather.	TEMP.				
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		Weather.	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Weather.	Max.	Min.	Sun- shine. Hours	Rainfall. Ins.
SCANDINAVIA.	Haparanda	29.77	10	Z	0	b	29.90	+1.24	7	5	-6	N	2	bc	*	b	15	7	*	-	
	Hernösand	29.82	18	Z	0	b	29.86	+1.74	14	15	-1	Z	0	b	*	b	21	16	*	-	
	Stockholm	29.80	19	W	2	b	29.74	+0.2	18	18	-2	Z	0	f	*	b	24	18	*	-	
	Wisby	29.79	31	NE	6	b	29.64	-0.1	30	27	-3	ENE	2	c	*	b	37	25	*	-	
	Karlstad	29.84	19	NE	2	b	29.76	-0.1	14	12	-7	N	2	b	*	b	*	*	*	-	
	Færder (X'ania Fjord)	29.82	31	ENE	2	b	29.73	+0.3	23	22	-2	NNE	5	c	2	b	32	21	*	-	
	Bodö	29.78	22	E	4	b	29.78	-0.2	22	18	+4	E	2	b	1	b	22	14	*	-	
	Christiansund	29.86	30	ESE	2	b	29.74	-0.3	28	25	-3	SE	4	b	4	b	31	27	*	-	
	Skudesnaes	29.75	34	E	6	b	29.68	-0.1	30	28	-5	ENE	6	c	2	b	37	30	*	*	
	Sumburgh Head																				
BRITISH ISLANDS.	Stornoway																				
	Malin Head	29.30	42	NE	10	o	29.60	+1.38	42	38	0	NE	6	c	6	o	42	41	*	0.12	
	Blacksod Pt.	29.39	43	N	8	o	29.64	+1.46	45	40	-1	NNE	6	bc	5	o	47	40	*	0.40	
	Valencia	29.33	44	N	8	o	29.58	+1.54	42	37	-2	NNE	6	o	6	o	50	41	1.5	0.31	
	Roche's Point	29.09	43	NNW	8	o	29.47	+1.54	41	34	-10	N	6	c	4	o	52	39	*	0.01	
	Parsonstown	29.09	37	W	6	r	29.52	+1.59	39	34	-8	NE	4	o	4	o	42	34	0.0	0.53	
	Donaghadee	29.10	44	ENE	10	o	29.49	+1.31	44	40	-10	NE	8	o	4	o	49	38	*	1.30	
	Liverpool Obsy.	28.82	48	ESE	3	o	29.16	+0.5	41	39	-5	N	7	o	6	o	52	41	*	0.34	
	Holyhead	28.75	46	SE	4	dgn	29.26	+2.9	44	41	-7	NE	9	o	7	dgn	54	41	*	0.40	
	Pembroke (St. Ann's)	28.84	47	WSW	8	o	29.22	+2.6	43	42	-12	NNE	6	c	4	o	55	43	0.4	0.20	
GERMANY, &c.	Scilly (St. Mary's)	29.07	51	W	8	o	29.31	+1.18	48	46	-8	NNW	5	o	5	o	57	45	2.1	0.06	
	Jersey (St. Aubins)	29.31	54	WSW	7	o	29.28	-0.30	50	44	-2	W	5	o	5	o	56	49	0.4	0.08	
	Portland Bill	29.09	51	WSW	9	o	29.13	-0.26	49	47	-5	W	7	o	6	o	55	47	*	0.08	
	Dungeness	29.13	52	SW	9	o	29.10	-0.42	52	47	0	W	8	o	7	o	52	50	*	0.10	
	Wick																				
	Nairn																				
	Aberdeen																				
	Leith																				
	North Shields	29.07	41	ENE	8	r	29.24	-1.1	39	38	-6	NE	7	r	8	r	45	37	*	2.44	
	Spurn Head	28.90	47	SSW	7	c	29.00	-0.36	45	44	-3	Z	0	o	6	c	50	44	*	1.45	
FRANCE.	Yarmouth	29.10	47	S	7	o	29.04	-0.42	46	42	-3	SSW	4	c	4	o	50	43	*	0.13	
	Loughborough	28.93	51	S	4	o	29.03	-0.24	42	41	-6	W	2	o	4	o	53	42	*	0.30	
	Oxford	29.04	48	SSW	5	o	29.04	-0.24	45	44	-7	WSW	3	o	4	o	54	44	*	0.15	
	London (Brixton)	29.05	53	SW	8	o	29.09	-0.36	47	43	-3	W	3	o	4	o	53	45	0.0	0.02	
	The Scaw (Skagen)																				
	Fanö	29.42	37	E	8	r	29.23	-0.34	38	38	-4	E	8	o	*	r	43	34	*	0.59	
	Cuxhaven	29.48	45	SSW	3	r	29.21	-0.34	44	44	-3	SW	5	o	*	r	46	39	*	0.41	
	The Helder	29.28	42	S	4	r	29.10	-0.45	51	49	+3	SW	4	o	5	r	52	41	*	0.83	
	Brussels	*	*	*	*	*								*	*	*	*	*	*	*	
	Berlin	29.59	45	SW	2	c	29.41	-0.24	42	41	-4	SW	2	r	*	c	46	39	*	0.04	
SPAN. PEN.	Frankfurt	29.61	38	SW	2	b	29.50	-0.33	44	39	-2	SW	4	o	*	b	50	37	*	-	
	Munich	29.44	33	SSW	2	b	29.66	-0.24	38	34	+10	SW	3	bc	*	b	46	28	*	-	
	C. Gris Nez	29.25	49	SSW	8	r	29.21	-0.34	52	49	+1	W	7	o	4	r	54	45	*	0.35	
	Brest	29.37	49	W	6	o	29.35	-0.14	48	43	-4	NW	4	c	4	r	55	48	*	0.16	
	Lorient	29.43	52	WSW	6	r	29.36	-0.24	50	47	-5	N	4	o	8	r	57	48	*	0.35	
	Rochefort	29.73	46	SW	5	o	29.53	-0.38	50	48	+12	SW	5	o	*	o	52	48	*	-	
	Biarritz	29.74	58	S	3	b	29.52	-0.34	59	50	+24	S	6	o	3	b	64	32	*	-	
	Paris	29.58	39	SSW	4	o	29.40	-0.41	48	42	+8	SSW	4	o	*	o	48	46	*	-	
	Belfort	29.41	40	WSW	2	b	29.57	-0.31	46	41	+19	WSW	3	c	*	b	49	36	*	-	
	Lyons	29.80	49	S	4	o	29.66	-0.32	54	49	?	S	6	bc	*	b	55	48	*	-	
Nice	29.94	50	SW	1	b	29.88	-0.09	51	44	+4	Z	0	r	2	b	54	45	*	-		
Perpignan	29.87	48	NW	1	o	29.68	-0.24	39	39	-4	SW	1	c	*	o	51	37	*	-		
SPAN. PEN.	Corunna																				
	Lisbon	30.13	61	SSW	4	o	29.69	-0.22	58	54	+11	WSW	6	r	*	o	63	54	*	0.99	
Azores (P. Delgada)	29.84	65	W	4	b	29.80	+0.05	66	63	0	S	4	r	3	b	70	63	*	-		

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, 13<sup>th</sup> November, 1901.

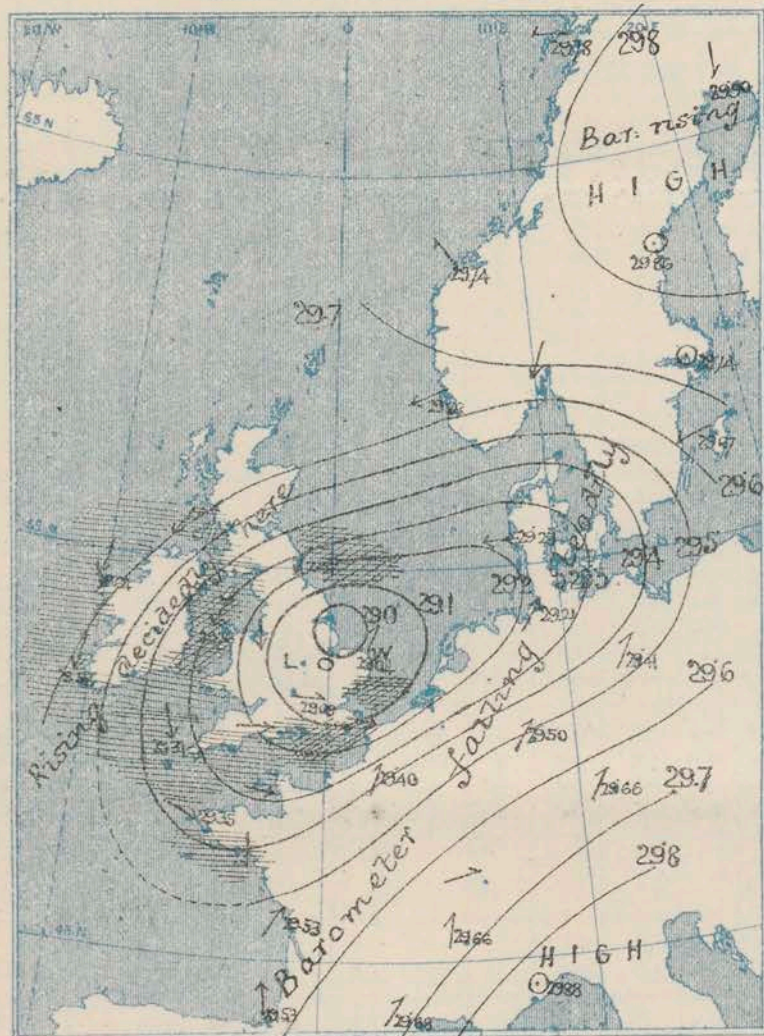
## I. BAROMETER, WIND AND SEA. This Morning.

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

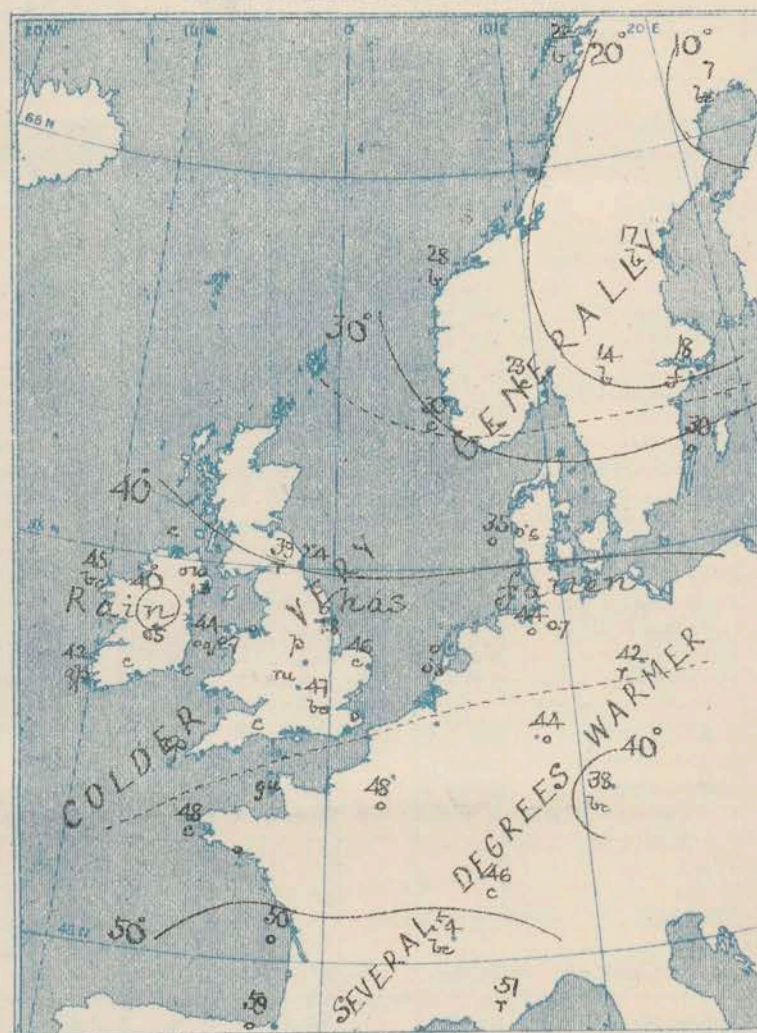


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

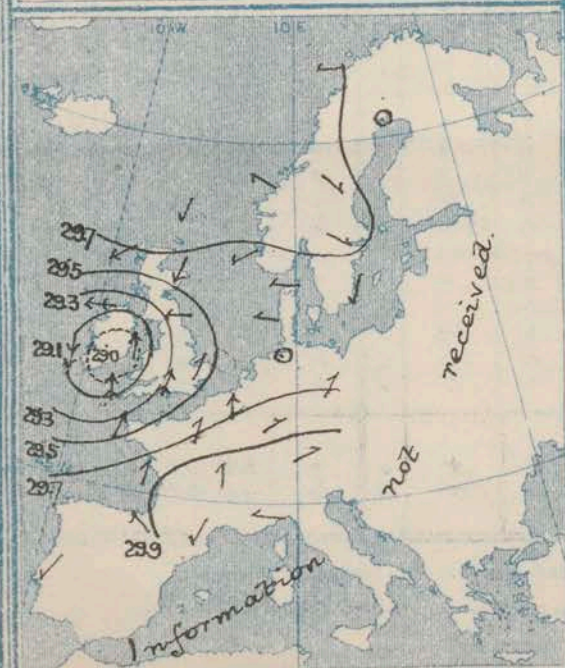
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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.

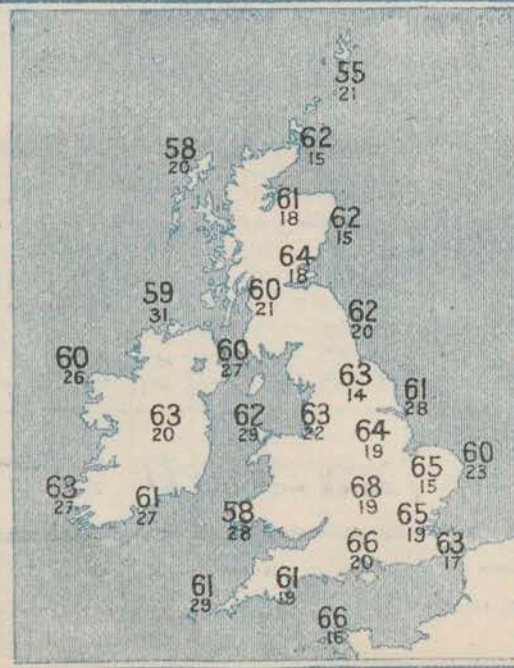


## IV. EXTREMES OF TEMPERATURE

in month of NOVEMBER (1871-1900)

Specimen { Highest Max. 62  
(for Shields) { Lowest Min. 20

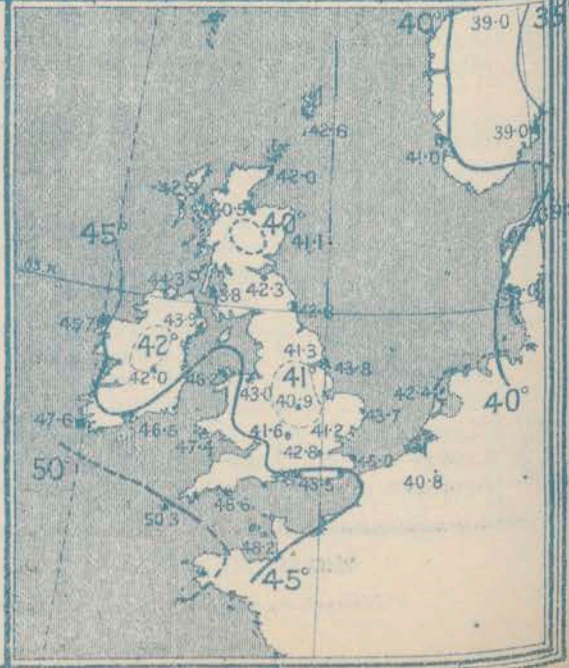
Molin Head & Black.sod - Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the monthly period

November (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The cyclonic disturbance of yesterday has moved eastwards, its centre being now situated near Spurn Head where the barometer stands at 29.0 ins. The system is apparently filling up and the mercury is rising in nearly all parts of the United Kingdom; at the Continental stations, however, it is still falling. The highest pressure 29.8 ins. to 29.9 ins. are reported over the northern parts of Sweden, but readings are somewhat high 29.6 ins. and upwards over the southern parts of France and Germany. The reports from Scotland have not yet arrived.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind still blows a gale on many parts of our coasts - from the north-eastward on northward in the west and from the westward in the eastern parts of the English Channel. In France and Germany it is moderate to fresh from the south-westward, but in Norway and Denmark it is easterly or north-easterly, with a gale at Farsø. Temperature has fallen over north-western Europe generally and is now below the average in all parts of our Islands excepting the south and east of England, the lowest readings at present reported being 39° at Parsonstown and 41° at Liverpool. Frost prevails in Scandinavia, the readings in Sweden being mostly below 20°; at Åkarsanda the thermometer stands at 6°. In France and Germany the thermometer has risen several degrees. The weather is cloudy at all but the Scandinavian stations and showers are falling in several parts of England and the south of Ireland; rain is reported at Berlin. The sea is exceedingly high at Donaghadee and rough or high on all other parts of our coasts.

During yesterday the thermometer rose to between 50° and 55° in most parts of England and Ireland and to 57° at Scilly. The amount of Bright Sunshine was everywhere small; at most of the southern stations there was none. A strong frost from various quarters prevailed on all our coasts and rain fell very generally, the amount being again very large in the northern parts of England and Ireland; at Spurn Head there was as much as 1.8 ins. and at Donaghadee 1.3 ins.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

From the information at present to hand it seems probable that the cyclonic system will continue to move eastwards. The wind is likely to shift to the northward over the whole of England, with colder weather, and hail or sleet in many places.

## FORECASTS \*

For the 24 hours ending at NOON on 14<sup>th</sup> November, 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	NE <sup>ly</sup> gales, and strong winds, moderating later; cold. Some snow or sleet showers
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	Wind veering to the N <sup>th</sup> , and blowing very strongly; colder. Some hail or sleet showers.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	N <sup>th</sup> and NE <sup>ly</sup> winds, moderating gradually; some cold showers at first, then fair.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

### WARNINGS

The Signals are still flying on all coasts.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine Hrs.	Rainfall Inch.
					Inch.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	C	52	45	0.0	-
Newton Reigny (Penrith)	Values not received. Noon																
Bath	29.05	48	SW 8	0	29.09	-1.9	46	43	-7	NW 8	0	*	0	57	45	0.0	0.06

## 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. ...	49	41	0	0.0	3.02	Worthing ...	*	*	*	0.0	*
Birmingham, 9 p.m. ...	53	45	0	0.13	0.51	Llandudno ...	*	*	*	0.6	*
Lowestoft, 6 p.m. ...	50	46	0	0.0	0.34	Rhyl ...	*	*	*	0.5	*
Hastings ...	*	*	*	0.0	*	Southport, 9 p.m. ...	49	41	r	0.2	2.51
Eastbourne ...	*	*	*	0.0	*	Manchester, 9 p.m. ...	54	44	c	0.3	1.48
Brighton ...	*	*	*	0.0	*	Darwen, 9 p.m. ...	49	39	r	0.0	3.49

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) Nov. 12 <sup>th</sup>			Information not arrived.	Inch.	Algiers ... Nov. 12 <sup>th</sup>			Information not arrived.	Inch.
Madrid ...					Tunis ...				
Corsica (I. Sanguinaires) ...					Vienna ...				
Rome ...					St. Petersburg ...				
Florence ...					Lugano ... Nov. 11 <sup>th</sup>	50	—	b	Measured, 7 a.m. 11 <sup>th</sup>
Trieste ...					Davos ...	43	—	b	—
Brindisi ...					Lucerne ...	43	—	0	—
Naples ...					Lausanne ...	41	—	m	—
Palermo ...									

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Nov. 13 <sup>th</sup> 1901.			
Yarmouth ...	7.12	11.37	4.3
Greenwich ...	7.16	11.44	4.13
Wick ...	7.58	11.56	3.55
Valencia ...	7.59	12.25	4.52

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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 6 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Thursday 14<sup>th</sup> November 1901.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.				BAROMETER.	TEMPERATURE.	WIND.								TEMP.			
	At 8 <sup>30</sup> and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.		At 8 <sup>30</sup> 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 ...	29.94	2	Z	0	b	29.87	-0.03	3	1	-4	Z	0	0	*	b	12	1	*	-
	Hernösand ...	29.88	18	N	2	0	29.77	-0.09	18	15	+1	N	2	0	*	0	21	12	*	0.08
	Stockholm ...	29.68	27	W	2	0	29.58	-0.10	32	28	+4	ENE	6	0	*	0	28	12	*	0.04
	Wisby ...	29.50	25	E	2	0	29.41	-0.09	36	32	+4	E	4	0	*	0	36	21	*	0.16
	Karlstad ...	29.65	26	ENE	6	0	29.52	-0.13	27	24	+3	NE	4	0	*	0	*	*	*	0.32
	Färder (Xania Fjord) ...	29.69	28	NE	5	0	29.46	-0.23	29	24	+5	ENE	6	0	3	0	29	19	*	-
	Bodö ...	29.85	23	E	4	b	29.76	-0.09	21	18	-3	E	3	b	1	b	25	16	*	-
	Christiansund ...	29.67	28	SE	3	b	29.65	-0.02	26	24	-2	SE	5	b	4	b	28	25	*	-
	Skudesnaes ...	29.60	28	E	6	b	29.43	-0.17	29	25	-4	NE	4	c	2	b	32	28	*	-
	Sumburgh Head ...	29.62	32	NNE	2	c	29.47	-0.15	33	32	+1	N	3	0	5	c	35	30	*	0.19
BRITISH ISLANDS.	Stornoway ...	29.67	35	NE	3	c	29.68	-0.01	35	32	0	NNE	3	c, ps	3	c	39	32	0.4	0.44
	Malin Head ...	29.58	41	NE	4	hps	29.66	+0.08	38	34	-4	N	5	large	4	hps	43	36	*	0.03
	Blacksod Pt. ...	29.63	40	ENE	4	hps	29.67	+0.04	35	34	-10	SW	1	cp	2	hps, c	46	33	*	0.18
	Valencia ...	29.61	40	NNE	3	bc	29.63	+0.02	32	30	-10	NE	1	bc	3	bc, c	44	31	4.2	-
	Roche's Point ...	29.49	43	NNE	5	bc	29.62	+0.13	35	32	-3	NNE	3	bc	3	bc	43	33	*	-
	Parsonstown ...	29.56	35	NE	1	b	29.64	+0.08	27	26	-12	NE	1	c	*	b	42	26	5.1	-
	Donaghadee ...	29.53	43	NE	5	quc	29.58	+0.05	41	37	-4	NNE	3	c	3	quc	44	39	*	-
	Liverpool Obsy. ...	29.36	38	N	5	o	29.52	+0.16	36	33	-3	NNW	3	b	3	o	42	35	*	0.02
	Holyhead ...	29.40	43	NNE	9	qpdo	29.53	+0.13	41	36	-5	NE	5	c	4	qpdo	44	36	*	0.02
	Pembroke (St. Ann's) ...	29.32	39	NNE	6	o	29.50	+0.18	37	34	-3	NE	4	b	3	o	46	33	0.0	0.02
GERMANY, &c.	Scilly (St. Mary's) ...	29.29	46	N	6	go	29.45	+0.16	45	43	-2	N	4	c	4	cpo	49	42	0.1	0.46
	Jersey (St. Aubin's) ...	29.19	50	W	5	go	29.45	+0.26	41	39	-2	NNW	4	cm	3	o, g, p	52	39	0.2	0.19
	Portland Bill ...	29.17	41	N	4	o	29.44	+0.27	37	35	-12	NNW	5	c	4	o	49	37	*	0.09
	Dungeness ...	29.09	47	W	4	op	29.30	+0.21	40	38	-12	NW	5	o	3	op, o	53	36	*	0.06
	Wick ...	29.58	37	NE	3	c	29.55	-0.03	36	35	-1	ENE	2	cp	5	ch, p, s	40	31	*	0.21
	Nairn ...	29.60	36	NE	4	+	29.59	-0.01	35	34	-1	WNW	4	rh, c	4	+	40	32	*	0.40
	Aberdeen ...	29.56	35	NNW	3	bc	29.52	-0.04	30	29	-10	NW	2	bc	4	bc	42	29	4.2	0.03
	Leith ...	29.50	38	N	3	bc	29.52	+0.02	35	33	-2	N	2	b	*	bc	44	33	*	0.02
	North Shields ...	29.40	40	NE	5	hps, c	29.44	+0.04	39	34	0	NNE	4	+	6	oh, rh, q, p	43	36	*	0.04
	Spurn Head ...	29.09	42	NNE	9	+	29.30	+0.21	41	38	-3	N	7	c	6	r, q	45	37	*	0.05
FRANCE.	Yarmouth ...	29.04	45	SW	3	mc	29.18	+0.14	41	40	-5	NNW	8	cq	6	+	47	40	*	0.91
	Loughborough ...	29.19	38	N	6	o	29.43	+0.24	35	32	-3	NW	2	c	*	o, g, p, bc	44	34	*	0.16
	Oxford ...	29.14	39	N	4	+	29.43	+0.29	35	32	-10	NW	2	cq, q	*	+	45	35	*	0.19
	London (Brixton) ...	29.09	44	NW	2	o	29.37	+0.28	37	35	-10	NW	4	o	*	o, g, q, p	48	35	0.0	0.30
	The Scaw (Skagen) ...	29.09	36	NE	4	+	28.97	-0.12	35	34	0	NNE	4	+	*	+	39	35	*	0.20
	Fanö ...	29.05	48	W	2	+	28.96	-0.13	44	43	-1	WNW	1	o	*	+	52	43	*	0.20
	Cuxhaven ...	29.05	48	W	2	+	29.10	+0.05	42	40	-2	SW	7	o	*	+	46	42	*	0.08
	Brussels ...	29.31	45	S	2	+	29.13	-0.18	49	46	+3	S	4	o	*	+	49	42	*	0.32
	Berlin ...	29.28	50	SW	2	+	29.32	+0.04	47	42	+5	SW	6	o	*	+	54	44	*	0.32
	Munich ...	29.46	39	SE	4	b	29.50	+0.04	48	44	+4	SW	7	o	*	b	55	36	*	-
SPAN. PEN.	C. Gris Nez ...	29.15	48	SW	6	o	29.25	+0.10	45	42	-3	NW	7	o	7	o	50	37	*	0.24
	Brest ...	29.31	48	NW	4	o	29.45	+0.14	43	43	-5	NW	4	+	4	o	50	43	*	0.08
	Lorient ...	29.32	50	NW	5	c	29.45	+0.13	45	43	-5	WNW	4	o	5	o	55	43	*	0.24
	Rochefort ...	29.38	49	NE	4	o	29.61	+0.23	51	46	+5	WNW	5	o	*	o	59	46	*	0.28
	Biarritz ...	29.50	56	SSW	7	+	29.65	+0.15	51	47	-4	SSW	4	o	4	+	61	50	*	0.51
	Paris ...	29.26	45	SW	2	o	29.38	-0.02	41	39	-2	SW	4	bc	*	o	51	41	*	0.28
	Belfort ...	29.38	51	WSW	3	+	29.49	+0.11	42	40	-2	WSW	5	o	*	+	60	41	*	0.28
	Lyons ...	29.46	55	SSW	6	o	29.63	+0.17	45	44	-1	NE	1	o	*	o	55	45	*	0.12
	Nice ...	29.74	50	Z	0	+	29.56	+0.12	49	49	-2	E	4	o	*	+	63	50	*	0.87
	Perpignan ...	29.47	50	Z	0	o	26.63	-0.05	52	47	+5	NW	2	o	*	o	55	29	*	-
SPAN. PEN.	Corunna ...																			
	Lisbon ...																			
SPAN. PEN.	Azores (P. Delgada) ...	29.79	64	NW	2	o	29.54	-0.25	64	59	-5	WNW	4	c	6	o	70	59	*	0.55

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 *Thursday, 14<sup>th</sup> November, 1901.*

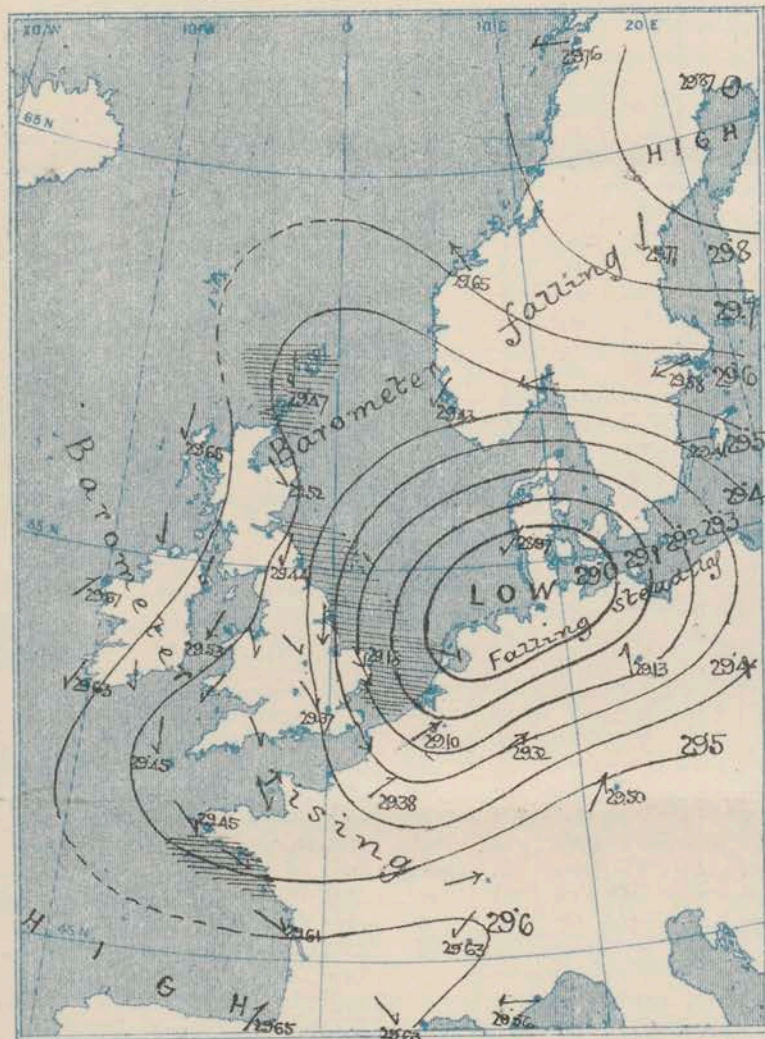
## I. BAROMETER, WIND AND SEA. This Morning.

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

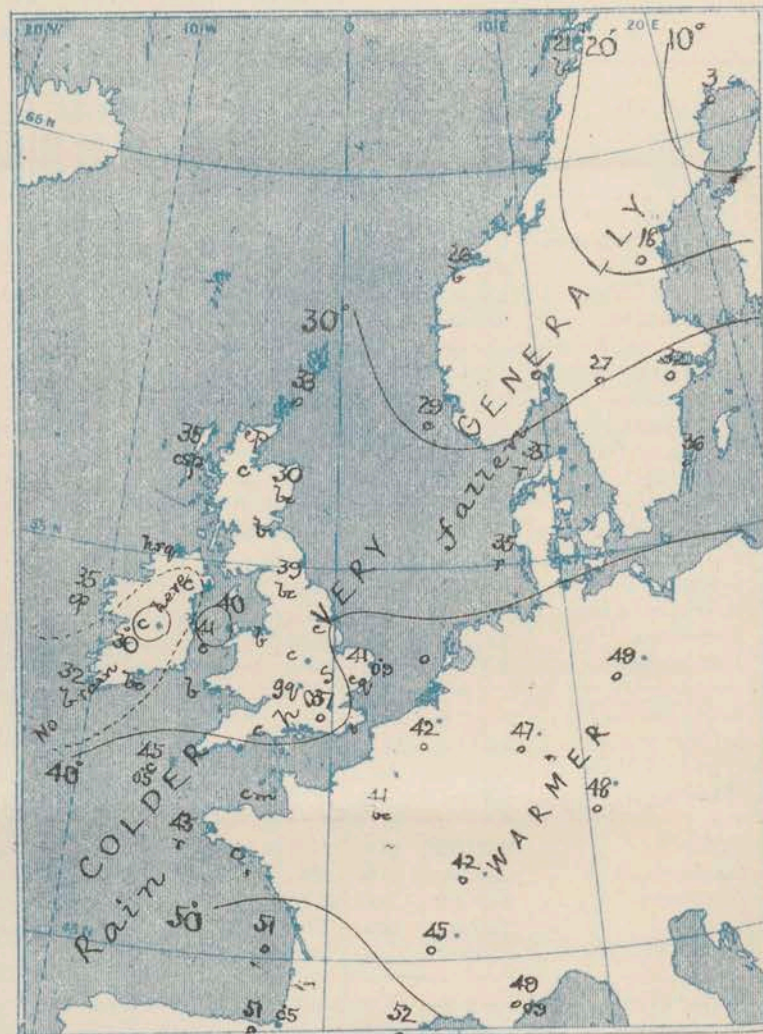


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

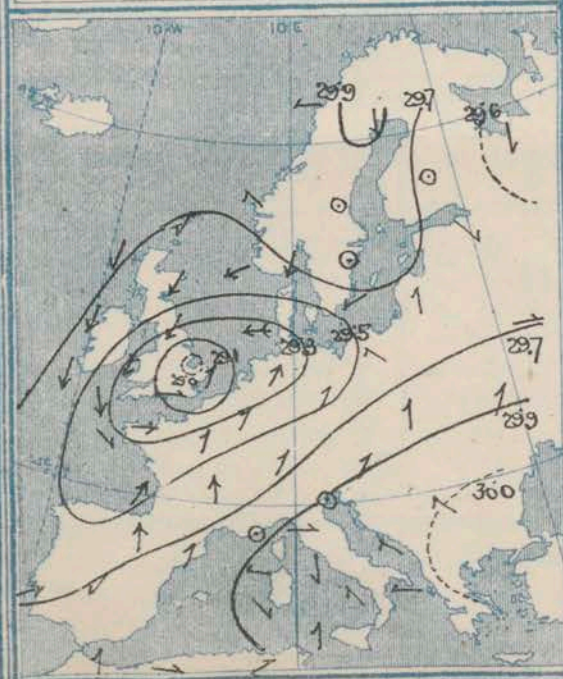
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

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.*

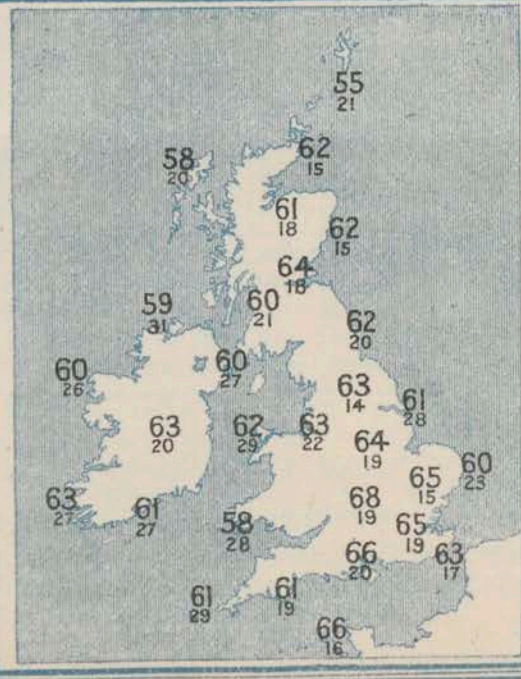


## IV. EXTREMES OF TEMPERATURE

*in month of NOVEMBER (1871-1900)*

Specimen { Highest Max, 62  
(for Shields) { Lowest Min, 20

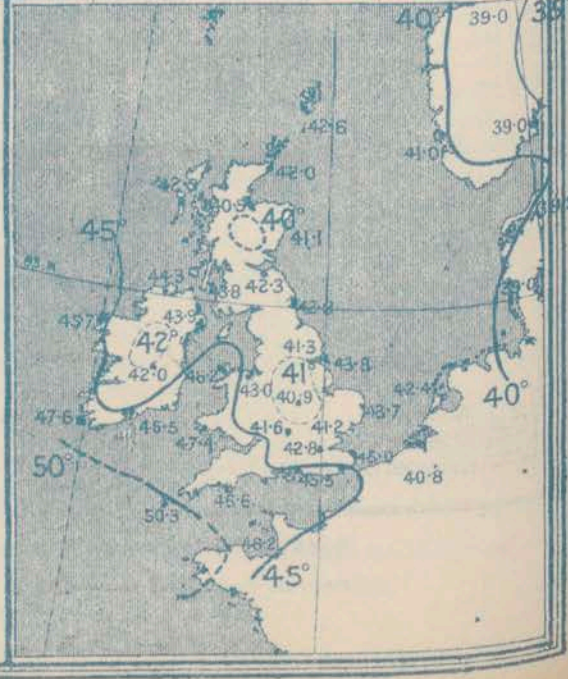
*Malin Head & Blacksod - Belmullet Values are for only 45 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the monthly period*

*November (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The cyclonic system of the past two days has continued to move slowly eastwards. Its centre is now situated near the mouth of the Elbe, the barometer readings being below 29.5 in over a considerable portion of Holland, North Germany and the adjacent parts of the North Sea. The mercury is falling over Scandinavia, Denmark and North Germany and also in the north of Scotland, but is rising elsewhere; the highest readings 29.8 in. and upwards, are found over the north of Sweden, but pressure is somewhat high, 29.6 and upwards, in the South of France.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

A complete cyclonic circulation still exists over western Europe, the wind being Easterly or North-Easterly in Scandinavia and Northerly over the greater part of our Islands, but North-Westerly over Central and southeastern England. In France it draws into the Westward while in Belgium and Germany it is South-Westerly. On the east coast of England the Northerly wind blows with the force of a gale. Temperature has fallen generally and is now below the normal over the whole of our islands and northern Europe. In many parts of the United Kingdom the thermometers stand at or below 35°, the lowest readings reported being 27° at Parnassus and 30° at Aberdeen. Frost still prevails in Scandinavia, the readings being as low as 3° at Haparanda and 18° at Herneborg. The weather is fair over the United Kingdom generally, but showers of hail or sleet are reported at some of our northern stations. In the Continent the sky is as a rule cloudy or overcast with rain in Denmark. The sea is rough on our north and east coasts, but moderate or slight elsewhere.

The maximum temperatures recorded yesterday were below 45° in many parts of our islands; in the north of Scotland the thermometers did not exceed 40°. Rain fell at all stations excepting those in central and southern Ireland, the amount at Yarmouth being as much as 0.9 inch.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are indications of the development of secondary cyclonic disturbances over the northern part of the North Sea. These will probably move southwards and occasion hail, sleet or snow in many parts of Great Britain.

## FORECASTS \*

For the 24 hours ending at NOON on 15<sup>th</sup> November, 1901

### DISTRICTS.

### FORECASTS.

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

Varying N<sup>ly</sup> (NE<sup>ly</sup> to NW<sup>ly</sup>) winds; Changeable, Some snow or sleet Showers.

NW<sup>ly</sup> winds, fresh; fair at first, unsettled later, with snow or sleet Showers

### DISTRICTS.

### FORECASTS.

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

N<sup>ly</sup> winds, strong in places; Changeable, Some cold Showers.

### WARNINGS

None issued.

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

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



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun-	Rainfall
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max.	Min.	shine.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	c	*	o	49	39	0.3	0.28
Newton Reigny (Penrith)	29.43	35	N3	C	29.50 +.20	29	28	-7	NW2	c	*	o, r, sh, b	37	28	0.0	0.04
Bath	29.17	42	NW3	r	29.47 +.38	35	31	-11	NW5	o	*	r	46	33	0.0	0.25

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	44	35	o	0.0	0.15	Worthing	*	*	*	0.8	*
Birmingham, 9 p.m.	46	36	r	0.0	0.20	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	51	44	o	0.0	0.01	Rhyl	*	*	*	0.0	*
Hastings	*	*	*	0.2	*	Southport, 9 p.m.	44	36	c	0.0	0.25
Eastbourne	*	*	*	0.1	*	Manchester, 9 p.m.	41	36	c	0.0	0.02
Brighton	*	*	*	0.8	*	Darwen, 9 p.m.	42	34	o, w, q.	0.0	0.31

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>NOV. 13</i>	—	—	—	Ins.	Algiers	68	55	b, c	—
Madrid	54	39	c, r	?	Tunis	68	37	c, b	—
Corsica (I. Sanguinaires)	64	55	f, m	—	Vienna	50	28	b, f	—
Rome	54	44	b, c	—	St. Petersburg	24	12	o, bc	—
Florence	60	44	o, r	?	Lugano	48	—	o	Measured 7 a.m. 12 <sup>h</sup>
Trieste	54	48	c, o	—	Davos	48	—	b	—
Brindisi	54	47	c, c	—	Lucerne	43	—	o	—
Naples	62	54	b, o	0.28	Lausanne	43	—	m	—
Palermo	66	49	o, o	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.

\* 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.	<i>NOV. 14, 1901.</i>	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	7.14	11.38	4.2
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	7.18	11.45	4.12
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	8.0	11.54	3.53
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	8.1	12.26	4.51
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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 15<sup>th</sup> November 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall Ins.	
		At 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.	Direc.	Force (0 to 12.)	Weather.			Max.	Min.			
																					Ins.
SCANDINAVIA.	Haparanda	29.43	20	NW	2	0	29.48	-3.9	13	12	+10	NE	2	bc	*	0	19	13	*	—	
	Hernösand	29.86	24	N	4	3	29.21	-5.6	24	23	+6	N	8	0	*	3	25	14	*	0.12	
	Stockholm	28.91	31	ENE	9	3	29.00	-5.8	28	26	-4	NW	4	0	*	3	32	24	*	0.83	
	Wisby	28.98	41	E	6	6	29.09	-3.2	34	32	-2	NW	8	3	*	6	45	28	*	0.39	
	Karlstad	29.13	24	NE	6	3	29.30	-2.2	23	21	-4	WNW	2	0	*	0	*	*	*	—	
	Færder (X'iahla Fjord)	29.25	28	NNE	7	0	29.34	-0.9	29	28	0	N	6	0	2	0	30	25	*	—	
	Bodö	29.62	19	E	4	6	29.48	-2.8	18	14	-3	E	4	6	1	6	21	14	*	—	
	Christiansund	29.54	23	SE	5	6	29.50	-1.5	21	19	-5	E	2	6	3	6	24	19	*	—	
BRITISH ISLANDS.	Skudesnaes	29.38	32	NE	4	0	29.38	-0.5	29	28	0	NE	2	c	2	0	30	24	*	*	
	Sumburgh Head	29.46	33	NE	2	0	29.44	0.0	32	30	-1	NE	4	0	5	c	26	28	*	0.03	
	Stornoway	29.61	35	NNE	5	0	29.55	-1.3	33	33	-2	NNE	3	c	3	0	40	33	2.4	0.24	
	Malin Head	29.66	41	N	6	qc	29.54	-0.9	34	36	-1	N	1	chpg	2	gc	43	35	*	0.09	
	Blacksod Pt.	29.73	38	N	2	phc	29.64	-0.3	34	33	-1	W	1	omph	2	bc, phc	41	33	*	0.36	
	Valencia	29.71	36	Z	0	6	29.68	+0.5	31	30	-1	NNE	4	cph	3	bc, phc	43	29	6.2	—	
	Roche's Point	29.64	40	NNW	3	6	29.64	+0.2	34	32	-1	NNW	1	6	3	6	43	33	*	—	
	Parsonstown	29.66	33	NE	1	6	29.64	0.0	24	24	0	NNW	1	6	*	6	41	26	4.6	—	
GERMANY, &c.	Donaghadee	29.58	41	ENE	3	6	29.54	-0.1	33	33	-8	WNW	2	bcu	1	6, l, p	42	32	*	—	
	Liverpool Obsy.	29.54	38	NNW	1	6	29.54	+0.4	33	32	-3	SSE	1	0	?	6	40	33	*	0.07	
	Holyhead	29.54	40	N	2	phbc	29.56	+0.3	40	38	-1	WNW	4	chp	3	cph, bc	41	38	*	0.16	
	Pembroke (St. Ann's)	29.62	39	NNW	3	c	29.62	+1.2	38	36	+1	NNE	2	c	2	c	45	33	5.9	0.24	
	Scilly (St. Mary's)	29.55	44	N	4	c	29.64	+1.9	44	40	-1	NW	4	c	1	c	45	38	4.3	0.21	
	Jersey (St. Aubins)	29.50	42	NNE	2	r	29.65	+2.0	35	32	-6	NW	3	bm	3	rs, r	42	33	0.0	0.33	
	Portland Bill	29.55	34	N	3	c	29.64	+2.0	38	36	+1	NW	2	6	2	c	43	33	*	—	
	Dungeness	29.48	34	NNW	3	6	29.60	+3.0	26	26	-14	NW	3	bc	2	c, 6	44	25	*	—	
FRANCE.	Wick	29.36	34	NE	3	c	29.50	-0.5	24	26	-9	NW	1	csp	2	csp	50	25	*	0.02	
	Nairn	29.51	35	N	4	bc	29.52	-0.9	30	30	-5	W	1	bc	1	bc	34	24	*	0.05	
	Aberdeen	29.45	33	WNW	4	qbc	29.52	0.0	28	24	-2	WNW	2	bc	3	qsp, qsc	35	23	2.2	0.24	
	Leith	29.52	35	NW	2	6	29.53	+0.1	31	30	-4	W	1	bm	*	6	43	30	*	—	
	North Shields	29.49	35	NW	3	6	29.51	+0.9	30	30	-9	W	2	bc	4	sp, 6, 3	41	28	*	0.01	
	Spurn Head	29.46	34	NNW	4	bc	29.44	+1.4	36	35	-5	NW	5	bc, r, sp	5	bc	42	32	*	—	
	Yarmouth	29.41	38	WNW	3	c	29.51	+3.3	30	24	-11	W	3	bf	4	rs, c	42	28	*	0.22	
	Loughborough	29.54	32	WNW	1	c	29.59	+1.6	28	28	-4	WNW	2	ch	*	bc, mb	39	23	*	—	
SPAN. PEN.	Oxford	29.54	33	NNW	3	0	29.64	+2.1	26	26	-9	SW	2	6	*	0	41	25	*	—	
	London (Brixton)	29.52	38	N	4	bc	29.60	+2.3	26	25	-11	WSW	1	bf	*	bc, 6, 6	42	25	0.5	—	
	The Scaw (Skagen)																				
	Fanö	29.22	32	NW	4	6	29.40	+4.3	29	29	-6	NW	1	c	*	6	34	28	*	0.08	
	Cuxhaven	29.10	31	NW	5	6	29.46	?	35	35	?	S	1	c	*	6	45	34	*	0.28	
	The Helder	29.38	43	N	4	bc	29.46	+5.0	35	34	-9	WSW	1	bc	3	bc	46	34	*	0.24	
	Brussels	*	*	*	*	*	29.55	+4.5	36	36	-6	SW	1	0	*	c	44	35	*	0.20	
	Berlin	29.24	45	WSW	5	r	29.54	+4.1	35	34	-14	SW	2	6	*	r	50	34	*	0.04	
SPAN. PEN.	Frankfurt	29.52	41	W	4	bc	29.52	+2.0	35	34	-12	NW	2	0	*	bc	48	35	*	0.24	
	Munich	29.61	41	W	3	0	29.60	+1.0	40	39	-8	SE	1	0	*	0	50	34	*	0.04	
	C. Gris Nez	29.50	41	N	5	c	29.34	+0.9	36	34	-9	NNW	4	bc	4	c	48	36	*	—	
	Brest	29.56	41	N	3	r	29.65	+2.0	38	33	-5	ENE	2	6	1	r	52	36	*	0.39	
	Lorient	29.52	48	NW	4	c	29.69	+2.4	41	39	-4	SSW	3	bc	3	c	55	39	*	—	
	Rochefort	29.65	49	W	3	6	29.75	+1.4	40	39	-11	NE	2	bc	*	6	54	34	*	0.28	
	Biarritz	29.65	51	SSW	3	r	29.60	-0.5	44	46	-4	SE	3	r	2	r	54	46	*	0.35	
	Paris	29.52	39	S	2	bc	29.59	+2.1	34	34	-4	SW	2	0	*	bc	48	36	*	0.08	
SPAN. PEN.	Belfort	29.35	32	W	1	c	29.43	-0.6	30	30	-12	NW	2	c	*	c	30	23	*	—	
	Lyons	29.64	44	SSW	3	0	29.68	+0.5	41	41	-4	W	1	0	*	0	52	41	*	0.04	
	Nice																				
	Perpignan	29.61	?	E	?	?	29.63	0.0	48	44	-4	Z	0	0	*	?	58	44	*	0.12	
SPAN. PEN.	Corunna																				
	Lisbon	29.62	53	ENE	3	0	29.44	-1.4	60	59	0	SW	4	0	*	0	64	52	*	0.43	
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, 15<sup>th</sup> November, 1901.*

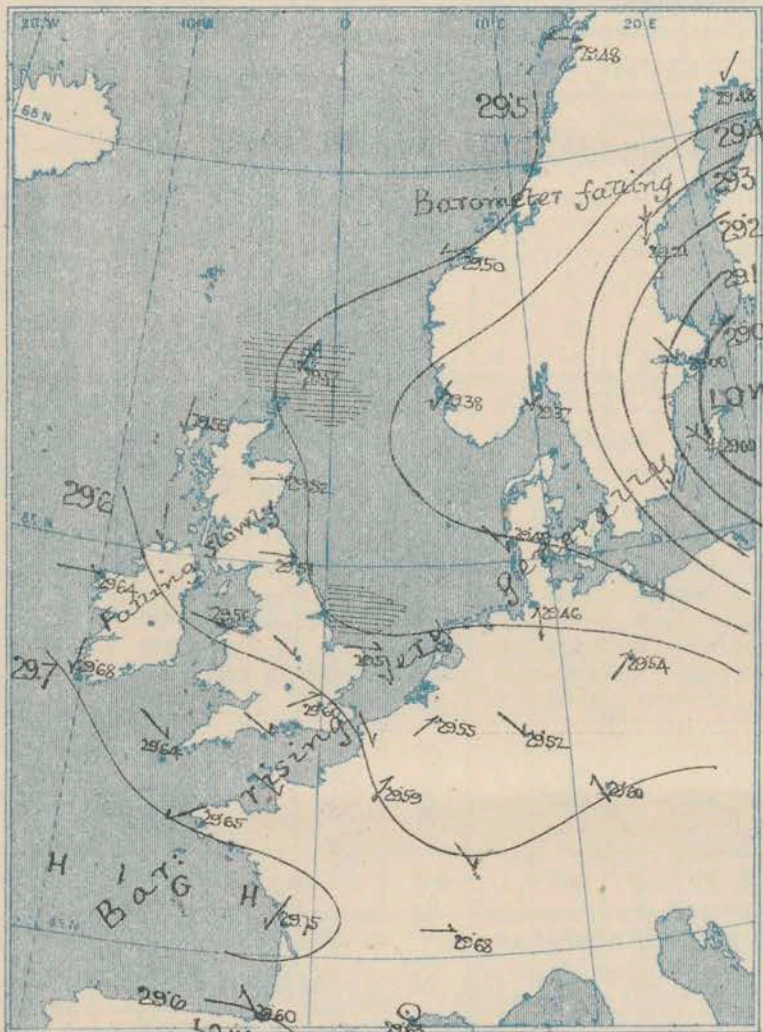
## I. BAROMETER, WIND AND SEA. This Morning.

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 ≡

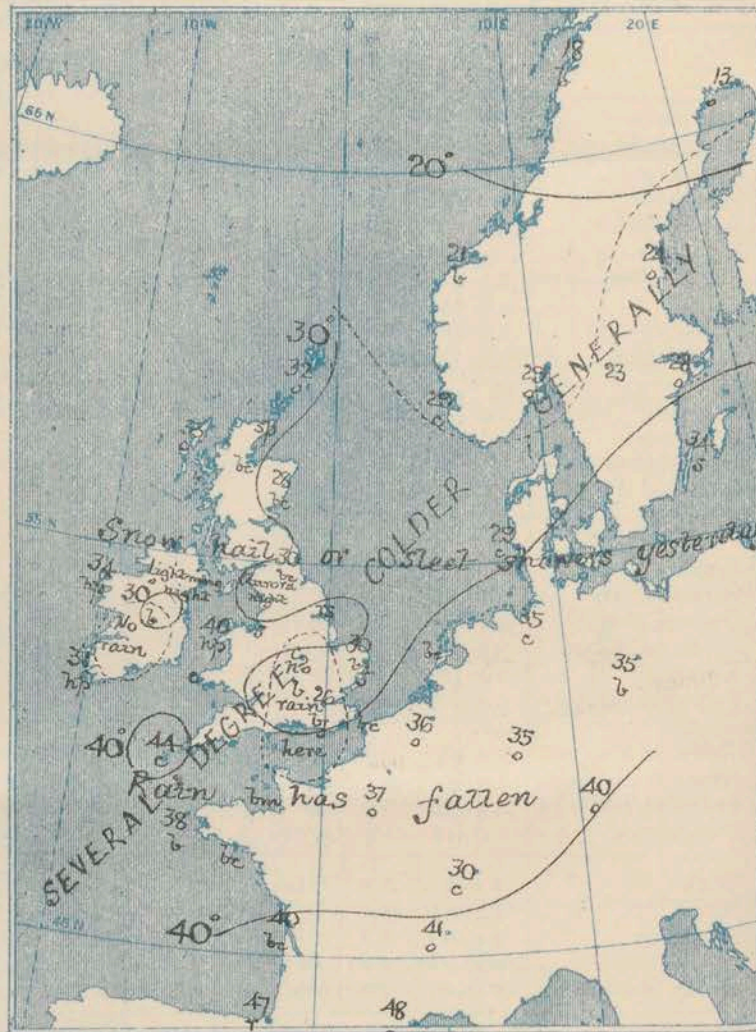


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

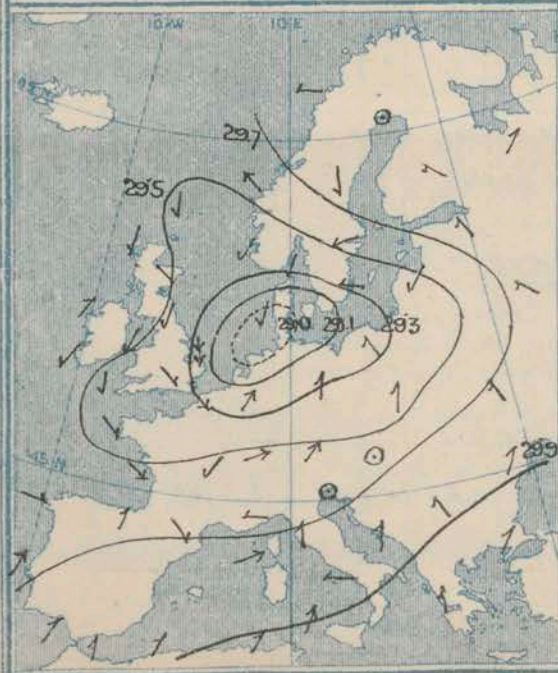
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

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

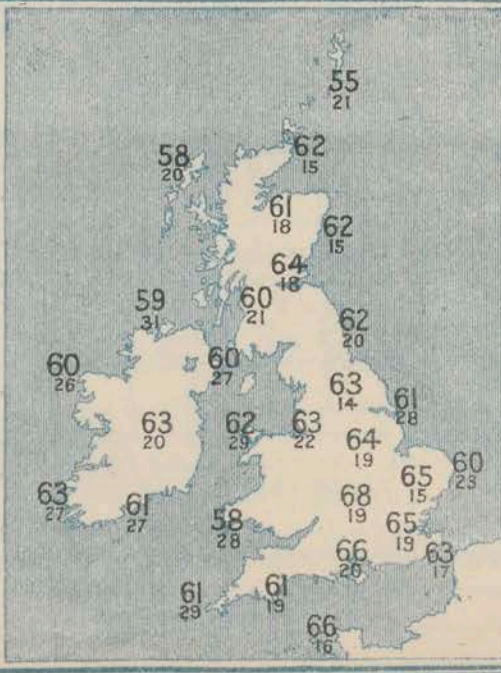
*Yesterday morning.*



## IV. EXTREMES OF TEMPERATURE

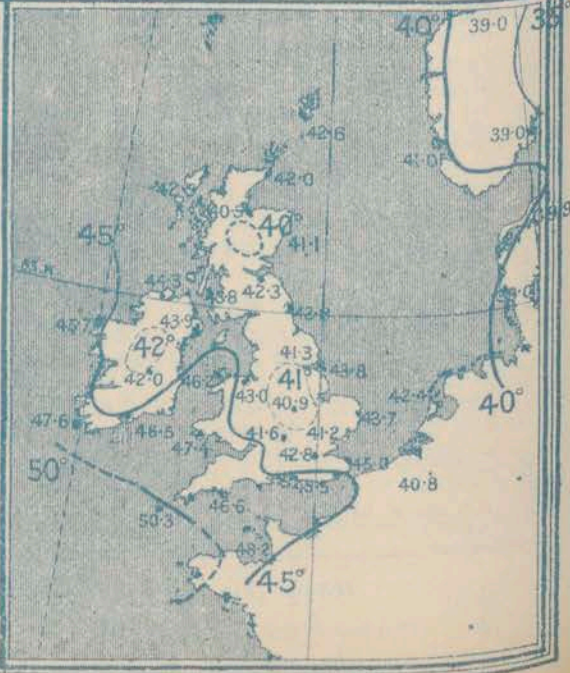
*in month of NOVEMBER (1871-1900)*

Specimen { Highest Max, 62  
(for Shields) { Lowest Min, 20  
Malin Head & Blacksod-Belmullet Values are for only 45 Yrs



## V. Means of DAILY TEMPERATURE

*at 8 am. for the monthly period*  
*November (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The cyclonic disturbance recently noticed in our neighbourhood has travelled away quickly in a north-easterly direction, its centre being now situated apparently over the northern part of the Baltic, where the barometer is below 29.0 in. Shallow secondary systems are lying over the northern parts of our islands and the North Sea, and the barometer is falling slightly at some of our northern stations. In most other parts of Western Europe it is rising, the highest readings, 29.7 and upwards, being reported over the Bay of Biscay.

### WIND

The wind still circulates round the region of lowest pressure, but is now generally light or moderate in force, excepting in Sweden, where a northerly gale is reported. In Norway and also in the Shetlands and Hebrides it is easterly or north-easterly, but over the United Kingdom generally it varies between West and North and in the Netherlands and Germany between West and South. In the south-west of France it is light from the Eastward. Temperature has fallen generally, and is now very low, especially in our Islands, the readings being in many places from 10° to 15° below the average. Frost prevails in many parts of the Kingdom and is severe at some of the English stations the morning temperature being as low as 29° at Newton Regny and 22° at Bath. Sharp frost also continues in Scandinavia, the lowest temperatures reported there being 13° at Haparanda and 18° at Bodö. The weather is fair over Western Europe generally, but hail showers are reported at several of our own western stations and snow at Liverpool. In Sweden the sky is overcast, with snow at Wisby. The sea is slight or smooth generally, but is rather rough at Dumburgh Head and Spurn Head.

### TEMPERATURE

### WEATHER

### AND

### SEA

Snow, hail or sleet fell yesterday in many parts of the United Kingdom and rain at most of the Continental stations. The amount of Bright Sunshine was large in the west but small elsewhere. The lowest temperatures reported as occurring in these Islands last night were:—(1) In the series, 19 at Newton Regny (Penzance), 22° at Bath and 25° at Aberdeen and Loughborough; (2) On the grass 17° in London and 20° at Oxford. An aurora was seen at Newton Regny.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow secondary disturbances noticed above are likely to cause snow or hail showers in many parts of the United Kingdom. The present changes are in favour of an increased uniformity in pressure and fog is probable in several of our inland districts.

## FORECASTS \*

For the 24 hours ending at NOON on 16<sup>th</sup> November, 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	N <sup>th</sup> winds, light or moderate; changeable, some snow showers.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	NW <sup>th</sup> winds, light; changeable, some snow showers.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	W <sup>th</sup> & NW <sup>th</sup> winds, light; fair generally, but snow showers in places. Frosty at night, with local fogs.
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Light breezes, chiefly NW <sup>th</sup> ; changeable, hail or snow showers in places.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

### WARNINGS

None Issued.

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

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



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.		Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	0	"	b	43	26	2.7	—
Newton Reigny (Penrith)	29.55	29	Z 0	b	29.57 +.07	20	19	-9	Z 0	-b	"	b	37	19	3.0	—
Bath	29.57	35	W 2	m	29.63 +.16	22	22	-13	W 1	m	"	m	40	22	2.7	—

## 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	32	c	5.7	0.08	Worthing	"	"	"	2.5	"
Birmingham, 9 p.m.	37	32	b	0.1	0.05	Llandudno	"	"	"	2.0	"
Lowestoft, 6 p.m.	45	34	c	0.4	0.55	Rhyl	"	"	"	1.8	"
Hastings	"	"	"	2.2	"	Southport, 9 p.m.	41	28	b	6.3	—
Eastbourne	"	"	"	1.0	"	Manchester, 9 p.m.	39	28	o, b	0.5	—
Brighton	"	"	"	1.5	"	Darwen, 9 p.m.	36	26	b, v	4.5	—

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>Nov. 14<sup>th</sup></i>	—	—	—	Ins.	Algiers	<i>Nov. 14<sup>th</sup></i>	77	61	c, c
Madrid	—	—	—	—	Tunis	70	50	bc, o	—
Corsica (I. Sanguinaires)	64	55	m, m	0.04	Vienna	41	30	f, c	—
Rome	59	51	c, o	—	St. Petersburg	28	23	s, o	—
Florence	58	45	b, r	—	Lugano	<i>Nov. 13<sup>th</sup></i>	50	—	b
Trieste	57	50	o, o	0.04	Davos	46	—	b	—
Brindisi	55	50	b, c	—	Lucerne	50	—	b	—
Naples	61	55	c, o	—	Lausanne	55	—	b	—
Palermo	72	48	b, 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.

<i>NOV. 15<sup>th</sup>, 1901.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.16	11.38	4.0
Greenwich	7.20	11.45	4.10
Wick	8.3	11.57	3.51
Valencia	8.3	12.26	4.49

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Saturday 16<sup>th</sup> November 1901.

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

STATIONS.		YESTERDAY EVENING (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.				Sun- shine. Hours	Rainfall Ins.
																Max.	Min.	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.	Dires.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dires.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Max.	Min.	Sun- shine. Hours	Rainfall Ins.	
Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
SCANDINAVIA.	Haparanda ...	29.30	4	N	2	b	29.30	-1.8	-4	-4	-14	Z	0	b	*	b	27	?	*	-	
	Hernösand ...	29.40	16	Z	0	b	29.45	+2.4	15	14	-9	Z	0	b	*	b	27	14	*	-	
	Stockholm ...	29.51	23	NW	4	bc	29.63	+6.3	15	14	-13	WNW	2	b	*	bc	30	?	*	-	
	Wisby ...	29.52	30	NW	8	o	29.58	+4.9	29	27	-5	N	8	bc	*	o	41	25	*	0.12	
	Karlstad ...	29.58	19	N	2	b	29.71	+4.1	12	11	-11	N	2	b	*	b	*	*	*	-	
	Færder (X'ania Fjord)	29.55	29	N	2	b	29.69	+3.2	23	21	-6	Z	0	b	0	b	29	23	*	-	
	Bodö ...	29.34	22	E	4	b	29.20	-2.8	26	25	+8	SE	2	o	1	b	?	16	*	-	
	Christiansund ...	29.56	28	WSW	3	c	29.51	+0.1	33	31	+12	W	7	s	6	c	34	21	*	0.32	
BRITISH ISLANDS.	Skudesnaes ...	29.59	26	Z	0	b	29.74	+3.6	32	30	+3	?	2	c	2	b	32	23	*	*	
	Sumburgh Head ...	29.62	32	N	2	b	29.73	+2.6	35	34	+3	N	1	o	4	b	38	29	*	0.08	
	Stornoway ...	29.75	33	NE	2	bc	29.91	+3.6	34	33	+1	NW	3	c	3	bc, q, bc	40	29	2.9	0.19	
	Malin Head ...	29.67	39	ENE	2	bc, q	29.98	+4.1	36	35	-1	S	1	b	1	bc, q, bc	42	35	*	0.12	
	Blackod Pt. ...	29.71	38	N	3	bc, q	30.03	+3.9	34	33	0	WSW	1	b	2	bc, q, bc	40	31	*	0.14	
	Valencia ...	29.69	36	Z	0	bc	29.99	+3.1	34	32	+3	NE	2	b	3	bc, q, bc	45	31	4.1	0.15	
	Roche's Point ...	29.68	38	NE	2	b	30.00	+3.6	33	31	-1	NNE	2	b	3	b, bc	44	30	*	-	
	Parsonstown ...	29.69	32	NE	1	bc	30.02	+3.8	27	27	0	NW	1	f	*	bc	38	24	0.8	-	
GERMANY, &c.	Donaghadee ...	29.55	38	WNW	1	bc, q	29.97	+4.3	34	33	+1	WNW	3	bc	2	bc, q, bc	43	32	*	0.05	
	Liverpool Obsy. ...	29.69	35	N	1	o	30.00	+4.1	28	27	-5	Z	0	m	?	o, o	38	28	*	0.37	
	Holyhead ...	29.65	37	S	1	bc, m	29.96	+4.0	34	33	-6	SE	1	c	1	c, bc, m	42	33	*	-	
	Pembroke (St. Ann's)	29.69	41	E	2	bc	29.91	+2.9	36	34	-2	ENE	3	bc	2	bc	44	34	5.4	0.14	
	Scilly (St. Mary's) ...	29.78	43	NNW	1	bc	29.87	+2.3	42	38	-2	NNE	1	bc	0	bc	49	38	5.9	0.01	
	Jersey (St. Aubins) ...	29.72	40	WNW	2	c, gm	29.88	+2.3	33	32	-2	W	3	b	3	bc, c, gm	50	32	7.6	0.06	
	Portland Bill ...	29.71	37	NNW	1	b	29.90	+2.6	35	34	-3	NE	2	bc	3	b	45	34	*	-	
	Dungeness ...	29.71	33	NW	2	b	29.90	+3.0	26	26	0	N	2	m	2	b	44	24	*	-	
FRANCE.	Wick ...	29.68	28	NW	1	bc	29.84	+3.4	35	34	+8	WNW	2	s	1	bc	40	25	*	0.06	
	Nairn ...	29.72	31	Z	0	b	29.91	+3.9	32	31	+2	W	2	c	1	b	35	24	*	-	
	Aberdeen ...	29.70	28	NW	2	b	29.90	+3.8	31	29	+3	W	2	b	1	b	33	26	*	-	
	Leith ...	29.66	34	N	1	b	29.95	+4.2	27	26	-4	WSW	2	bc	*	b	40	26	*	-	
	North Shields ...	29.67	35	W	2	bc	29.93	+4.2	28	28	-2	W	2	bc	2	bc, bc	38	25	*	-	
	Spurn Head ...	29.68	38	NW	3	b	29.93	+3.6	37	36	+1	WNW	3	b	3	b	41	32	*	-	
	Yarmouth ...	29.64	35	NNW	2	bc	29.88	+3.7	33	32	+3	NW	4	bc	4	c, bc	37	28	*	0.02	
	Loughborough ...	29.71	28	SE	1	b	29.97	+3.8	25	25	-3	WNW	1	bc	*	b, bc, b, f	41	23	*	-	
SPAN. PEN.	Oxford ...	29.76	29	WSW	2	b	29.98	+3.4	23	23	-3	SE	1	b	*	b	42	21	*	-	
	London (Brixton) ...	29.74	31	NW	1	b	29.96	+3.6	26	26	0	Z	0	b	*	bc, bc	40	24	0.4	-	
	The Scaw (Skagen) ...	29.56	32	NNW	2	b	29.76	+3.6	24	23	-5	N	2	m	*	b	36	21	*	0.12	
	Fanö ...	29.54	37	W	3	bc	29.76	+3.0	37	35	+2	NW	3	bc	*	bc	39	34	*	0.28	
	Cuxhaven ...	29.67	36	SW	1	b	29.86	+4.0	41	38	+6	NNE	2	bc	3	b	43	34	*	0.04	
	The Helder ...	29.67	36	SW	1	b	29.86	+4.0	41	38	+6	NNE	2	bc	3	b	43	34	*	0.04	
	Brussels ...	29.62	38	SW	1	o	29.80	+2.6	32	32	-3	W	2	bc	*	o	39	32	*	-	
	Berlin ...	29.76	38	W	4	c	29.83	+3.1	32	31	-3	NE	2	o	*	c	43	28	*	-	
SPAN. PEN.	Frankfurt ...	29.73	39	Z	0	r	29.72	+1.2	33	31	-7	E	5	o	*	r	46	32	*	-	
	Munich ...	29.73	39	Z	0	r	29.72	+1.2	33	31	-7	E	5	o	*	r	46	32	*	-	
	C. Gris Nez ...	29.70	41	NNW	2	bc	29.86	+5.2	40	39	+4	E	3	c	3	bc	48	36	*	-	
	Brest ...	29.71	39	E	1	b	29.90	+2.5	37	35	-1	E	1	c	1	b	52	36	*	-	
	Lorient ...	29.71	44	NE	3	c	29.89	+2.0	39	37	-2	NE	3	c	2	c	55	36	*	-	
	Rochefort ...	29.74	38	E	4	o	29.83	+0.8	39	36	-1	ENE	4	o	*	o	66	36	*	-	
	Biarritz ...	29.56	48	ENE	4	r	29.75	+1.5	44	43	-3	Z	0	o	4	r	52	43	*	0.59	
	Paris ...	29.75	33	NNE	1	b	29.84	+2.5	31	30	-6	N	2	o	*	b	43	27	*	-	
SPAN. PEN.	Belfort ...	29.67	39	WSW	1	o	29.68	+2.5	32	32	+2	NE	2	s	*	o	47	32	*	0.04	
	Lyons ...	29.68	45	NNE	1	r	29.70	+0.2	36	36	-5	NNW	3	r	*	r	49	36	*	0.20	
	Nice ...	29.56	50	ENE	2	r	29.55	-0.8	50	50	+2	Z	0	o	*	r	52	44	*	0.16	
	Perpignan ...	29.56	50	ENE	2	r	29.55	-0.8	50	50	+2	Z	0	o	*	r	52	44	*	0.16	
SPAN. PEN.	Corunna ...	29.66	52	WSW	3	b	29.88	+4.4	51	48	-9	Z	0	bc	*	b	64	50	*	0.43	
	Lisbon ...	29.66	52	WSW	3	b	29.88	+4.4	51	48	-9	Z	0	bc	*	b	64	50	*	0.43	
	Azores (P. Delgada) ...	29.66	52	WSW	3	b	29.88	+4.4	51	48	-9	Z	0	bc	*	b	64	50	*	0.43	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR SATURDAY, 16<sup>TH</sup> NOVEMBER, 1901.

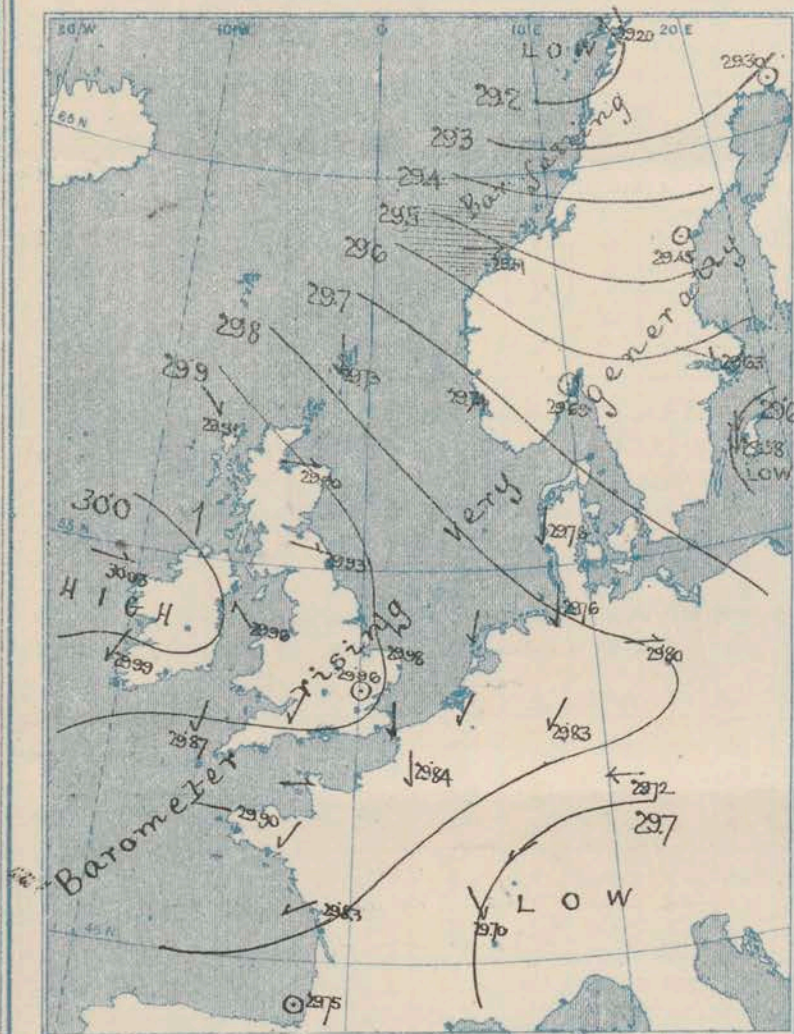
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

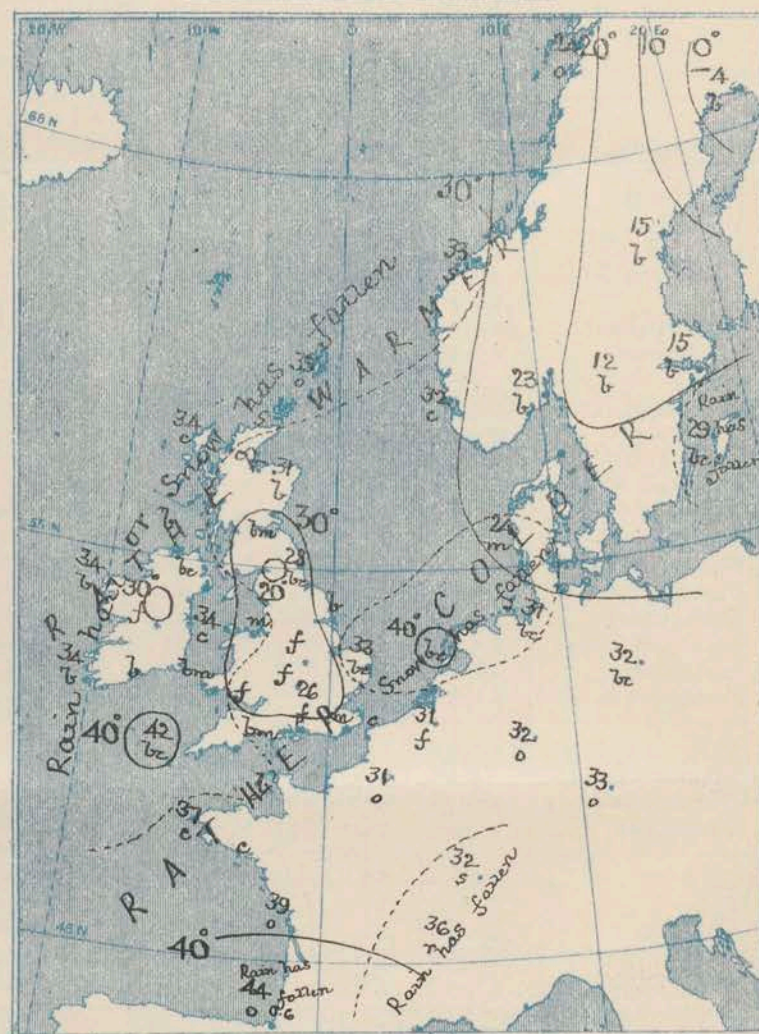


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

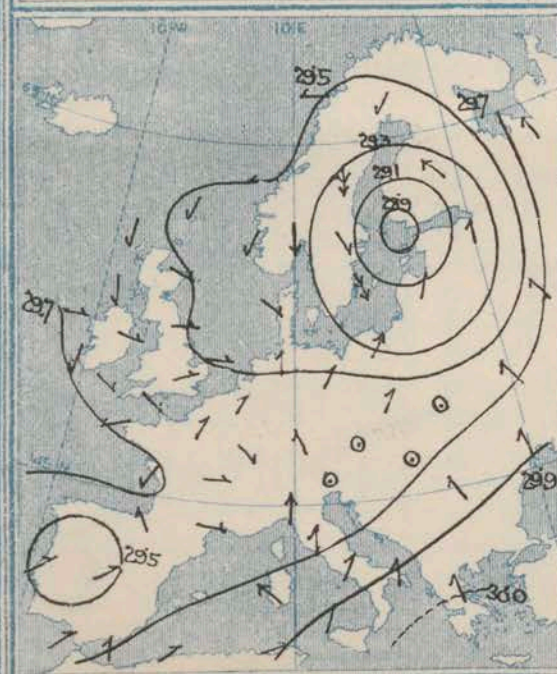
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

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



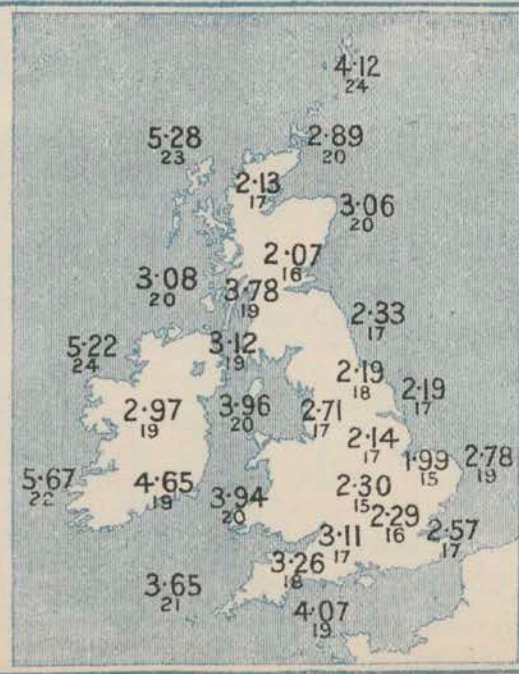
## III. BAROMETER AND WIND

Yesterday morning.



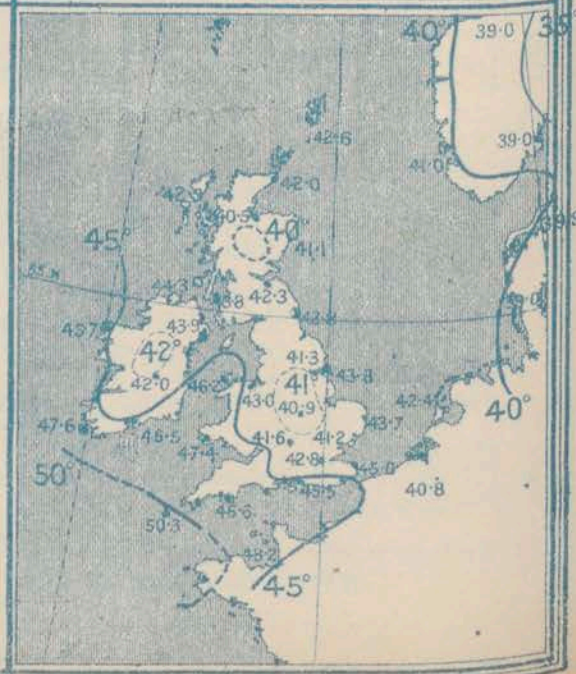
## IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of NOVEMBER (1871-1900)

Specimen { RAINFALL 2.33  
(for Shields) { RAIN DAYS 17  
Mabin Head & Blacksod & Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the monthly period  
November (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

A large anticyclone has extended over western Europe from the Atlantic, and the barometer is rising steadily in all but the extreme northern parts of our area, the highest readings, 30.0 ins. and upwards, being now reported over Ireland. The lowest pressures, 29.2 ins. and less, are found in a small cyclonic area off the north-west of Norway, in which locality the barometer is falling. Readings are also low 29.6 ins. and less, in another system over the northern part of the Baltic.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light from the westward or north-westward in all the more northern and eastern parts of the United Kingdom and also on the eastern shores of the North Sea, but is North-easterly over our southern coasts and the Bay of Biscay and northerly over central France. Over the Gulf of Bothnia calms are reported, but at Christiansund there is a moderate gale from west and at Ulsby a fresh gale from north. Temperature has risen in Scotland and Norway, but has fallen in nearly all other parts of our area. Over the United Kingdom the thermometer is considerably below the normal, the deficit amounting to more than 15° at several of our inland stations; the lowest readings reported are 16° at Newton Bigg (Penzance), 20° at Bath and 23° at Oxford, frost being prevalent over nearly the whole Kingdom as well as in most other parts of western Europe. The weather is fair over north-western Europe as a whole, but very foggy over the inland parts of England and Ireland. In the north of Scotland and west of Norway, however, the sky is overcast with snow at Wick and Christiansund. Dull weather is also reported in France and south Germany with rain at Lyons and snow at Belfort. The sea is slight or smooth generally, but rough at Christiansund.

Snow or hail fell yesterday at many of our western and northern stations and also in Norway and Denmark. The amount of Bright Sunshine was small in Scotland but large in many parts of England and Ireland; at some of our south coast stations there was nearly 8 hours. Sharp frosts occurred over our islands last night the lowest temperatures reported being 16° at Newton Bigg (Penzance), 19° at Bath and 21° at Oxford. In London the thermometer fell to 24° in the screen and to 18° on the grass.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new cyclonic system which has appeared off the Norwegian coasts is not likely to materially affect the weather in these islands. The anticyclone is apparently increasing both in size and intensity and foggy weather is likely to continue in most parts of England.

## FORECASTS \*

For the 24 hours ending at NOON on 17<sup>th</sup> November, 1901

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	NW <sup>2</sup> winds, light or moderate; cloudy. Some snow showers.
1	SCOTLAND EAST	NW <sup>2</sup> & NW <sup>2</sup> winds, light; fair generally, but foggy or misty in places.
2	ENGLAND N.E.	Light variable airs; frosty, foggy in most places.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	Same as nos 1+2.
7	ENGLAND N.W.	Same as nos 3 to 5.
8	ENGLAND S.W.	Light breezes, chiefly NE <sup>2</sup> ; fine generally, but foggy or misty in places.
9	IRELAND NORTH	Same as nos 1+2.
10	IRELAND SOUTH	Same as no 8.
WARNINGS		None Issued.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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	*	*	*	*	*	*	*	*	*	b	*	b	39	26	6.2	—
Newton Reigny (Penrith)	29.70	26	20	b	30.00 +.33	16	15	-4	20	b	*	b	38	16	5.0	—
Bath	29.69	34	NW 1	m	29.96 +.33	20	20	-2	NW 1	f	*	m	44	19	4.4	—

## REPORTS FOR YESTERDAY.

STATIONS.		Weather.		Sunshine. Hrs.	Rainfall. Ins.	STATIONS.		TEMPERATURE. Max. Min.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
Harrogate, 6 p.m.	42	26	b	6.8	—	Worthing	...	*	*	*	7.1	*
Birmingham, 9 p.m.	40	28	b	2.3	—	Llandudno	...	*	*	*	0.5	*
Lowestoft, 6 p.m.	42	25	b	5.1	—	Rhyl	...	*	*	*	4.0	*
Hastings	*	*	*	7.8	*	Southport, 9 p.m.	38	26	c	1.4	0.06	*
Eastbourne	*	*	*	7.7	*	Manchester, 9 p.m.	34	25	0.6m	0.0	—	*
Brighton	*	*	*	6.8	*	Darwen, 9 p.m.	34	25	0.7m	2.1	—	*

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

STATIONS.		TEMPERATURE. Max. Min.		WEATHER.	Rain. Ins.	STATIONS.		TEMPERATURE. Max. Min.		WEATHER.	Rain. Ins.
Madeira (Funchal) NOV. 15	—	—	—	—	Ins.	Algiers	... NOV. 15.	79	64	c, b	—
Madrid	57	49	r, r	0.99	—	Tunis	...	73	52	c, c	—
Corsica (I. Sanguinaires)	64	55	f, m	—	—	Vienna	...	48	39	r, r	0.08
Rome	64	59	o, o	0.04	—	St. Petersburg	...	37	21	s, o	0.16
Florence	64	57	o, r	0.04	—	Lugano	... NOV. 14	45	—	r	0.59
Trieste	63	54	r, r	0.67	—	Davos	...	32	—	r	?
Brindisi	64	52	bc, b	—	—	Lucerne	...	46	—	r	0.16
Naples	63	60	o, bc	0.20	—	Lausanne	...	45	—	o	0.67
Palermo	77	51	b, 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.

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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.

NOV. 16, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.17	11.38	3.59
Greenwich	7.21	11.45	4.9
Wick	8.5	11.57	3.49
Valencia	8.4	12.26	4.48

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



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 17<sup>th</sup> November 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
		BAROM.		TEMP.		WIND.	BAROMETR.		TEMPERATURE.				WIND.		Sea (9 to 12)	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 ...	29.19	1	Z	0	bc	29.99	-31	14	14	+18	NW	6	8	bc	?	-8		0.28	
	Hernösand ...	29.28	26	Z	0	b	29.06	-39	30	30	+15	NW	6	8	b	?	9		-	
	Stockholm ...	29.69	19	Z	0	b	29.39	-14	34	36	+21	W	4	0	b	?	12		-	
	Wisby ...	29.24	30	NW	6	bc	29.55	-13	40	38	+11	W	8	0	bc	40	25		-	
	Karlstad ...	29.63	24	NW	2	b	29.46	-25	40	37	+23	WNW	4	8	b				-	
	Færder (Niania Fjord) ...	29.64	38	WSW	4	b	29.51	-18	45	42	+22	WSW	6	8	b	?	21		-	
	Bodö ...	29.06	30	W	4	8	29.14	-03	25	22	-1	E	2	8	8	30	21		-	
	Christiansund ...	29.26	34	W	9	+	29.50	-01	34	29	+1	NW	9	4	+	34	25		0.98	
	Skudesnaes ...	29.76	42	W	8	0	29.44	00	42	40	+10	NW	4	+	0	43	32		*	
	BRITISH ISLANDS.	Sumburgh Head ...	29.66	44	W	4	c	29.83	+10	34	35	+2	N	3	8	c	44	35		0.08
Stornoway ...		29.96	38	W	3	0	29.99	+08	40	39	+6	WNW	3	8	0	43	32	3.2	0.10	
Malin Head ...		30.13	42	WSW	3	bc	30.20	+22	44	44	+11	WNW	5	8	bc	44	38		0.06	
Blacksod Pt. ...		30.22	34	WNW	1	b	30.36	+33	45	43	+11	WNW	4	8	b	46	33		0.08	
Valencia ...		30.25	34	NE	1	b	30.45	+46	24	26	-7	NE	1	8	b	44	24	4.6	-	
Roche's Point ...		30.24	35	NNW	3	m	30.48	+48	32	31	-1	NNE	2	8	b, m, f	43	29		-	
Parsonstown ...		30.26	30	NW	1	f	30.41	+39	24	26	0	E	1	8	f	30	23	0.0	-	
Donaghadee ...		30.14	36	WNW	2	c	30.28	+31	35	34	+1	SSW	3	8	c	41	32		-	
Liverpool Obsy. ...		30.21	26	SSE	1	f	30.33	+33	38	36	+10	SW	3	8	b, f	39	25		-	
Holyhead ...		30.19	38	S	1	b	30.33	+34	42	39	+8	W	3	8	b	42	33		-	
GERMANY, &c.	Pembroke (St. Ann's) ...	30.18	40	SE	3	c	30.40	+49	34	34	+1	NE	1	8	c	45	34	6.1	0.06	
	Scilly (St. Mary's) ...	30.16	44	NNE	1	bc	30.34	+50	45	40	+3	NNW	1	8	bc	52	38	8.0	-	
	Jersey (St. Aubins) ...	30.20	40	W	2	bc	30.45	+54	34	35	+4	SW	2	8	bc	48	33	2.0	0.05	
	Portland Bill ...	30.16	36	NE	1	b	30.44	+54	35	34	0	N	1	8	b	44	34		-	
	Dungeness ...	30.18	33	NNE	3	b	30.42	+52	25	25	-1	NNW	2	8	b	43	23		-	
	Wick ...	29.85	34	W	4	c	29.89	+05	40	40	+5	SW	3	8	c	40	33		0.09	
	Nairn ...	29.94	40	W	1	b	29.99	+08	45	43	+13	W	2	8	c	45	30		-	
	Aberdeen ...	30.01	36	WSW	3	bc	30.01	+11	44	40	+13	WSW	3	8	bc	44	30	4.5	-	
	Leith ...	30.06	36	WSW	1	c	30.09	+14	43	41	+16	WSW	3	8	bc	44	26		-	
	North Shields ...	30.10	35	W	2	c	30.14	+24	39	38	+11	WSW	3	8	c	40	26		-	
FRANCE.	Spurn Head ...	30.16	34	WNW	3	b	30.24	+34	35	35	-2	W	5	8	b	41	32		-	
	Yarmouth ...	30.13	35	WNW	2	c	30.31	+43	28	24	-5	WNW	3	8	b, f	42	26		-	
	Loughborough ...	30.22	24	Z	0	f	30.38	+41	18	18	-4	ESE	1	8	b, m	24	14		-	
	Oxford ...	30.30	24	N	1	b	30.45	+44	24	24	+1	SW	2	8	f	39	22		-	
	London (Brixton) ...	30.23	25	Z	0	f	30.42	+46	21	20	-5	Z	0	8	f	28	20	0.0	-	
	The Scaw (Skagen) ...	29.82	35	W	2	bc	29.64	-6	44	43	+16	WNW	5	8	bc	45	23		-	
	Fanö ...	29.99	39	NW	4	b	30.00	+24	45	43	+21	W	6	8	b	45	23		0.08	
	Cuxhaven ...	30.04	35	N	1	b	30.14	+41	34	34	0	WSW	4	8	b	39	28		0.16	
	The Helder ...	30.12	43	NW	1	b	30.28	+42	44	40	+3	W	4	8	b	45	39		-	
	Brussels ...						30.46	+54	28	28	-3	Z	0	8	b	41	26		-	
SPAIN, &c.	Berlin ...	30.08	33	WNW	2	0	30.25	+45	32	30	0	WSW	3	8	0	34	28		-	
	Frankfurt ...	30.22	35	NE	2	b	30.45	+62	28	24	-4	S	2	8	b	34	24		-	
	Munich ...	30.06	32	NW	2	8	30.42	+40	30	30	-3	W	2	8	8	34	28		0.32	
	C. Gris Nez ...	30.21	34	SE	2	bc	30.41	+53	38	34	-2	NW	1	8	bc	46	36		-	
	Brest ...	30.13	41	Z	0	b	30.40	+50	41	39	+4	E	2	8	b	50	34		-	
	Lorient ...	30.22	44	E	1	bc	30.42	+53	38	34	-1	E	3	8	bc	48	36		-	
	Rochefort ...	30.23	42	E	3	b	30.38	+55	34	33	-5	E	4	8	b	48	32		-	
	Biarritz ...	30.12	44	ENE	3	b	30.19	+44	38	38	-6	NE	4	8	b	52	34		-	
	Paris ...	30.19	34	N	2	b	30.46	+62	23	23	-8	Z	0	8	b	41	22		-	
	Belfort ...	30.08	32	ENE	3	8	30.44	+76	24	24	-5	ENE	3	8	m	39	24		0.35	
SPAN. PEN.	Lyons ...	30.14	?	NNW	2	+	30.40	+70	35	35	-1	NW	1	8	+	39	34		-	
	Nice ...	29.81	58	Z	0	0	30.03		50	40		E	3	8	0	64	48		-	
	Perpignan ...	30.02	49	NW	3	bc	30.23	+68	40	39	-10	SE	1	8	bc	60	30		-	

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 17<sup>th</sup> November, 1901.

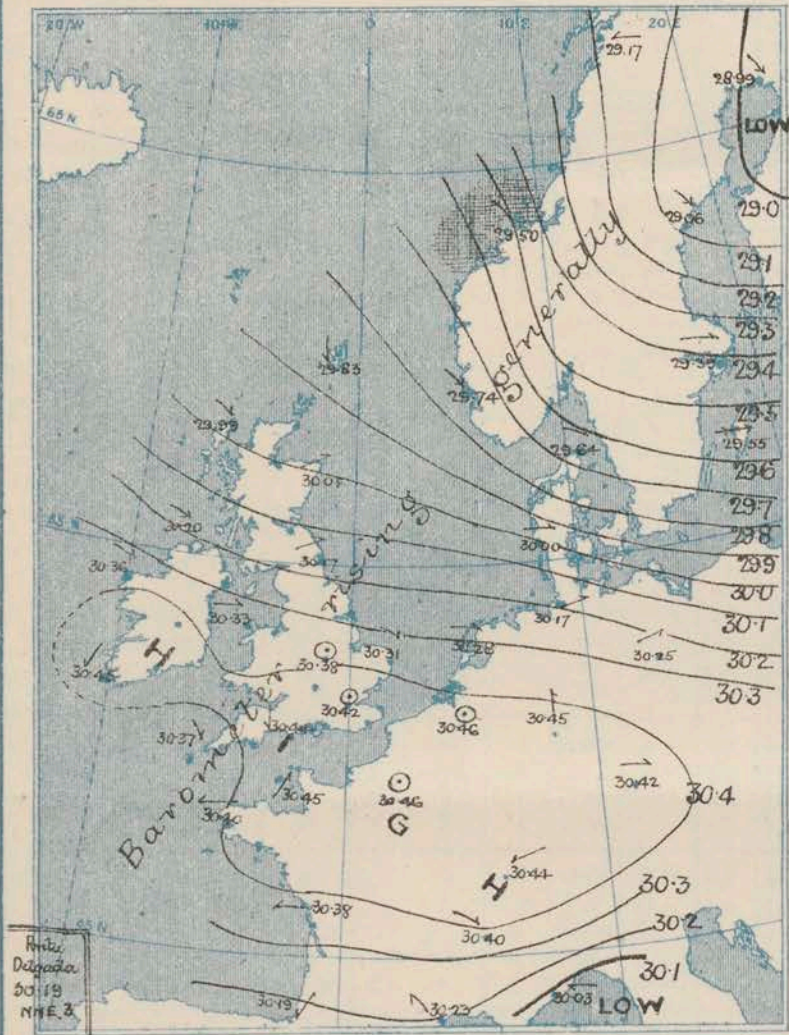
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

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

SEA.—Rough  : High



## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

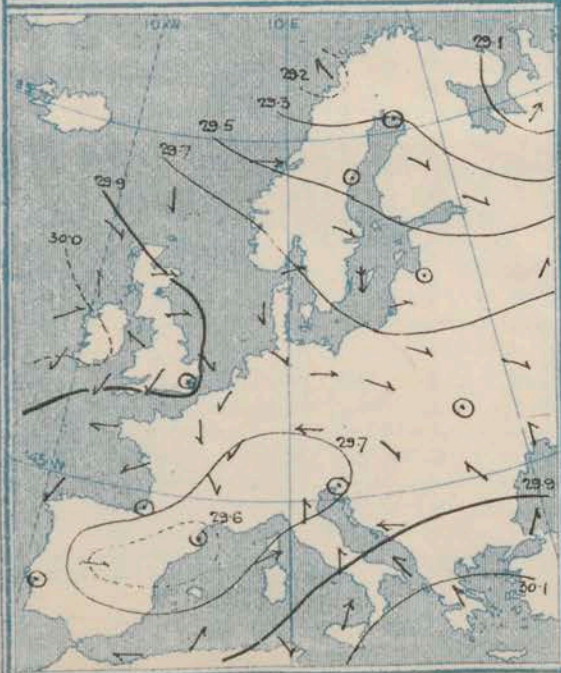
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

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



### III BAROMETER AND WIND

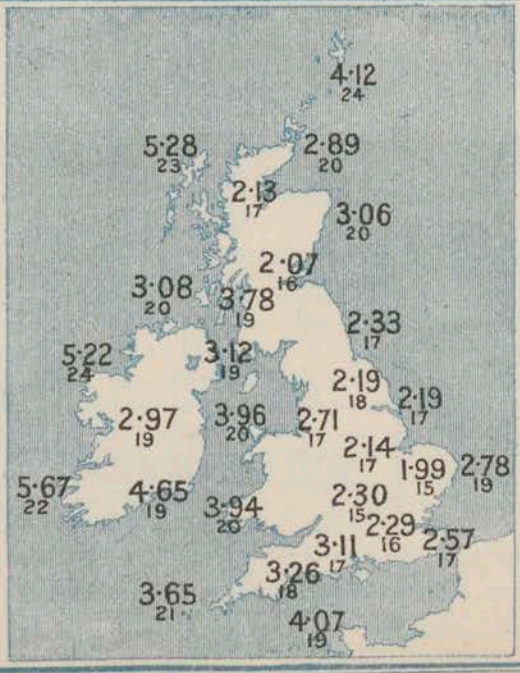
*Yesterday morning.*



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

Specimen (for Shields)	{	RAINFALL	2.33
		RAIN DAYS	17

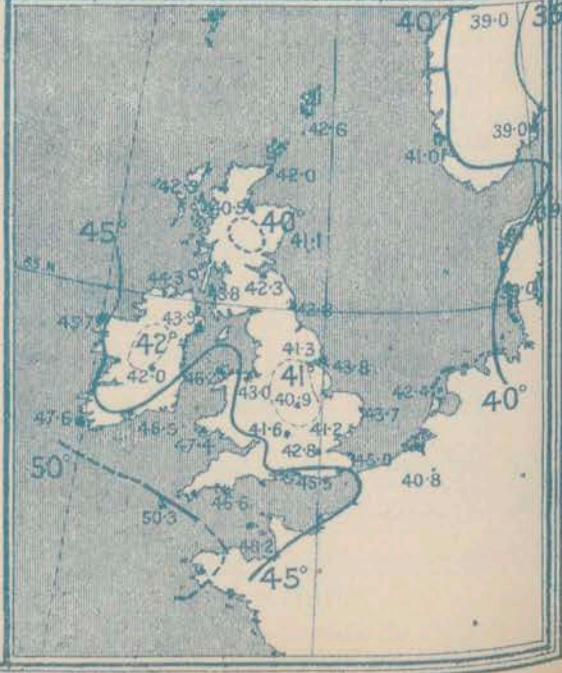
*Malin Head & Blacksod Bay Mullet Values are for only 15 Yrs*



### V. Means of DAILY TEMPERATURE

at 8 am. for the monthly period

November (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Barometric pressure is highest, 30.4 ins. and upwards, in an elongated anticyclone extending ESE from the south of Ireland to southern Germany. It is lowest, 29.0 ins. and less, in the Gulf of Bothnia. The barometer has risen very briskly over the southern parts of our area and is still rising over western Europe generally.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Strong winds and gales from the NW or W have set in over Scandinavia and moderate breezes from the same quarters over the more northern parts of our Islands; within the anticyclonic band the wind is light and variable, while over the greater part of France it is E<sup>ly</sup>. Under the influence of the westerly current the temperature has risen rapidly over Scotland, the northern parts of Ireland and England, and in the countries lying to the eastward of the North Sea. At Newton Reigny the change is as much as 25° and at Karlstad 28°. On our northern and western coasts the readings are about equal to the mean, while over central England they are more than 20° below it. In London the temperature is 21°, at Bath 19°, and at Loughborough 18°. In all the regions influenced by the anticyclone the weather is dry and the sky clear, but fog prevails at some of our central and southern stations. At our northwestern and northern stations and in Scandinavia the conditions are unsettled, with rain showers in the north of Ireland and snow in parts of Norway and Sweden. The sea is very high at Christiansund. Slight rain has fallen at some of our extreme northern and northwestern stations and at Jersey, and considerable amounts of snow in different localities on the continent. The maximum temperatures recorded yesterday were above 40° over the greater part of our Islands, but did not exceed 28° in London and 27° at Loughborough. Bright sunshine was very prevalent in many localities, but in London and at Parsonstown (where the weather was foggy) there was none.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS \*

For the 24 hours ending at NOON on 18 November 1901

### 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

None Issued

*Note.*—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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	"	"	"	"	"	"	"	"	"	f	"	b, b	41 26	6.5	-
Newton Reigny (Penrith)	30.17	31	Z.0	c	30.24 +2.4	41	39	+2.5	W.4	o	"	b, cog	41 16	3.5	-
Bath	30.23	28	W.1	f	30.34 +3.8	19	19	-1	W.1	f	"	f	38 18	1.0	-

## 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.	43	24	b	7.6	-	Worthing	"	"	"	6.6	"
Birmingham, 9 p.m.	34	21	f	0.0	-	Llandudno	"	"	"	5.5	"
Lowestoft, 6 p.m.	"	"	"	"	"	Rhyl	"	"	"	"	"
Hastings	"	"	"	7.4	"	Southport, 9 p.m.	32	22	b, of	0.0	-
Eastbourne	"	"	"	"	"	Manchester, 9 p.m.	34	21	o, f	0.0	-
Brighton	"	"	"	"	"	Darwen, 9 p.m.	39	23	o, c, f	2.3	-

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>Nov. 16</i>	-	-	-	Ins.	Algiers ... <i>Nov. 16.</i>	86	68	b, bc	Ins.
Madrid	55	38	r, o	0.47	Tunis	79	52	c, c	-
Corsica (I. Sanguinaires)	64	55	f, f	-	Vienna	46	39	f, f	0.32
Rome	64	63	b, b	-	St. Petersburg	36	23	c, s	?
Florence	63	58	r, o	0.43	Lugano ... <i>Nov. 15</i>	52	-	c	Measured 7 a.m. 15
Trieste	64	54	r, o	1.18	Davos	37	-	o	0.35
Brindisi	40	54	c, o	-	Lucerne	46	-	o	0.32
Naples	65	62	o, bc	-	Lausanne	45	-	o	0.04
Palermo	49	68	b, 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.

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.	Nov. 17. 1901.	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 ... ..	7.19	11.38	3.57
Germany, Denmark, } Norway, Sweden ... }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	7.23	11.45	4.7
France ... ..	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	8.7	11.57	3.47
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	8.6	12.26	4.46
Portugal ... ..	8 a.m. (Lisbon) ...	8.36 a.m.						

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for 8 a.m. on Monday, 18<sup>th</sup> November, 1901.

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		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Force (0 to 12.)	Weather.	Sea (0 to 5.)	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.				Max.	Min.	Sun- shine. Hours	Rainfall Ins.	
																					Ins.
SCANDINAVIA.	Haparanda	29.27	5	Z	0	b	29.43	+ .44	19	18	+ 5	N	4	b	b	28	0		0.00		
	Hernösand	29.45	26	N	2	b	29.59	+ .53	16	14	- 14	Z	0	b	b	32	7		-		
	Stockholm	29.62	30	Z	0	b	29.66	+ .27	22	21	- 15	WSW	2	b	b	37	16		-		
	Wisby	29.64	40	W	3	c	29.70	+ .15	37	32	- 3	WNW	4	c	c	45	27		-		
	Karlstad	29.68	30	NW	2	b	29.74	+ .28	23	21	- 17	W	2	b	b				-		
	Färder (X'ania Fjord)	29.71	40	NW	2	b	29.76	+ .25	36	33	- 9	WNW	5	b	b	45	36		-		
	Bodö	29.42	25	Z	0	b	29.65	+ .48	21	19	- 4	E	2	b	b	28	19		-		
	Christiansund	29.62	35	W	8	r	29.74	+ .24	35	32	+ 1	WSW	3	b	b	36	30		0.20		
	Skudesnaes	29.84	39	NNW	4	b	29.87	+ .13	35	34	- 7	NNE	2	b	b	42	34		-		
	Sumburgh Head	29.81	38	N	1	c	29.80	- .03	35	33	- 2	Z	0	o	4	0	40	33		0.08	
BRITISH ISLANDS.	Stornoway	29.92	48	W	5	r	29.81	- .18	46	44	+ 6	SW	3	r	3	r	50	40	1.6	0.29	
	Malin Head	30.18	50	WNW	7	c	30.03	- .17	48	46	+ 1	WSW	7	o	o	50	45		0.07		
	Blacksod Pt.	30.36	48	WNW	1	o	30.20	- .16	49	47	+ 4	WSW	6	o	o	49	44		0.05		
	Valencia	30.48	46	W	3	o	30.42	- .03	49	44	+ 2.2	SW	4	o	5	49	27	5.9	0.04		
	Roche's Point	30.49	43	WNW	2	b	30.45	- .03	42	40	+ 10	NW	3	b	3	b	48	32		-	
	Parsonstown	30.41	40	SW	1	r	30.32	- .09	43	42	+ 16	SW	1	o	3	r	44	26	3.5	0.02	
	Donaghadee	30.27	43	WSW	3	o	30.19	- .09	44	44	+ 9	WSW	3	c	3	o	44	35		-	
	Liverpool Obsy.	30.30	43	SW	5	c	30.24	- .09	45	43	+ 7	WSW	5	o	o	o	46	38		0.08	
	Holyhead	30.35	46	W	5	c	30.30	- .03	47	44	+ 5	W	5	c	4	c	47	39		0.06	
	Pembroke (St. Ann's)	30.42	47	WNW	2	b	30.38	- .02	49	44	+ 12	W	5	c	4	b	50	37	6.7	-	
GERMANY, &c.	Scilly (St. Mary's)	30.45	47	NNW	1	b	30.48	+ .11	48	45	+ 3	WNW	4	b	1	b	52	40	8.2	-	
	Jersey (St. Aubins)	30.49	44	NNW	2	b	30.52	+ .07	46	41	+ 9	WNW	3	b	3	b	53	33	3.3	0.03	
	Portland Bill	30.44	46	W	3	b	30.41	- .03	48	46	+ 13	WNW	5	o	4	b	50	35		-	
	Dungeness	30.42	36	NW	2	b	30.38	- .04	42	40	+ 17	WNW	4	b	3	b	48	25		-	
	Wick	29.33	43	W	4	c	29.81	- .08	43	43	+ 3	SW	1	r	0	c	47	39		0.13	
	Nairn	29.90	47	NW	2	c	29.87	- .12	46	45	+ 1	SW	1	o	1	c	48	41		0.28	
	Aberdeen	29.96	43	WSW	1	o	29.92	- .09	42	40	- 2	SW	2	o	1	o	49	41	4.4	0.22	
	Leith	30.05	46	WSW	4	b	30.00	- .09	47	45	+ 4	WSW	3	o	b	49	42		-		
	North Shields	30.12	45	SW	2	c	30.08	- .09	45	44	+ 6	WSW	2	c	2	c	46	38		0.1	
	Spurn Head	30.23	41	W	4	b	30.17	- .10	43	42	+ 8	W	4	b	3	b	43	27		-	
FRANCE.	Yarmouth	30.28	36	WSW	3	b	30.21	- .10	39	38	+ 11	W	4	b	3	b	39	27		0.01	
	Loughborough	30.35	40	SW	3	o	30.29	- .09	42	40	+ 24	SW	3	o	o	o	43	18		0.01	
	Oxford	30.42	34	WSW	3	b	30.38	- .07	41	39	+ 17	SW	3	o	o	o	42	24		-	
	London (Brixton)	30.42	35	SW	1	b	30.37	- .05	39	36	+ 18	SW	2	c	o	o	39	21	0.0	-	
	The Scaw (Skagen)	29.80	42	WNW	5	b	29.78	+ .14	41	37	- 3	NW	2	b	0	b	46	38		-	
	Fanö	29.97	45	W	6	b	29.92	- .08	45	44	0	W	2	c	o	o	48	43		0.43	
	Cuxhaven	30.13	42	WSW	6	o	30.01	- .16	42	42	+ 5	WSW	5	r	o	o	43	37		0.16	
	The Helder	30.28	46	W	4	c	30.14	- .14	48	46	+ 4	WNW	4	o	0	c	48	43		0.04	
	Brussels	*	*	*	*	*	30.38	- .08	32	32	+ 4	WSW	3	o	*	b	40	28		-	
	Berlin	30.24	39	SW	5	b	30.12	- .13	37	35	+ 5	WSW	4	o	*	b	41	32		-	
SPAN. PEN.	Frankfurt	30.48	29	SW	2	b	30.43	- .02	28	27	0	SW	2	o	*	b	39	27		-	
	Munich	30.47	23	E	2	f	30.43	+ .01	23	23	- 7	SW	2	f	*	f	30	10		-	
	C. Gris Nez	30.43	43	WNW	3	b	30.36	- .05	43	42	+ 5	WNW	5	c	5	b	48	37		-	
	Brest	30.48	40	NE	1	b	30.57	+ .17	46	43	+ 5	NW	1	b	0	b	50	39		-	
	Lorient	30.46	45	ENE	4	c	30.57	+ .15	41	40	+ 3	Z	0	b	o	52	37		-		
	Rochefort	30.40	40	E	5	b	30.58	+ .20	33	33	- 1	E	4	b	*	b	46	30		-	
	Biarritz	30.24	42	E	3	m	30.50	+ .31	52	48	+ 14	N	2	o	2	m	9	41		0.04	
	Paris	30.48	32	NNE	1	b	30.51	+ .05	23	23	0	SSW	1	c	*	b	43	21		-	
	Belfort	30.43	35	ENE	4	m	30.58	+ .14	24	24	- 3	ENE	2	m	*	m	39	23		-	
	Lyons	30.39	38	NW	1	o	30.55	+ .15	31	27	- 4	Z	0	b	*	o	38	30		-	
Nice	30.19	55	Z	0	o	30.21	+ .18	53	51	+ 3	Z	0	o	2	o	63	50		-		
Perpignan	30.22	45	NE	2	o	30.35	+ .12	50	43	+ 10	NN	4	b	*	o	52	39		-		
SPAN. PEN.	Corunna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Lisbon	30.24	54	S	1	b	30.40	+ .36	49	48	- 1	NNE	4	b	0	b	61	48		-	
Azores (P. Delgada)	30.28	57	NNE	4	b	30.28	+ .9	57	51	0	ENE	3	o	2	b	61	54		0.12		

NOT: 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 18<sup>th</sup> November, 1901.

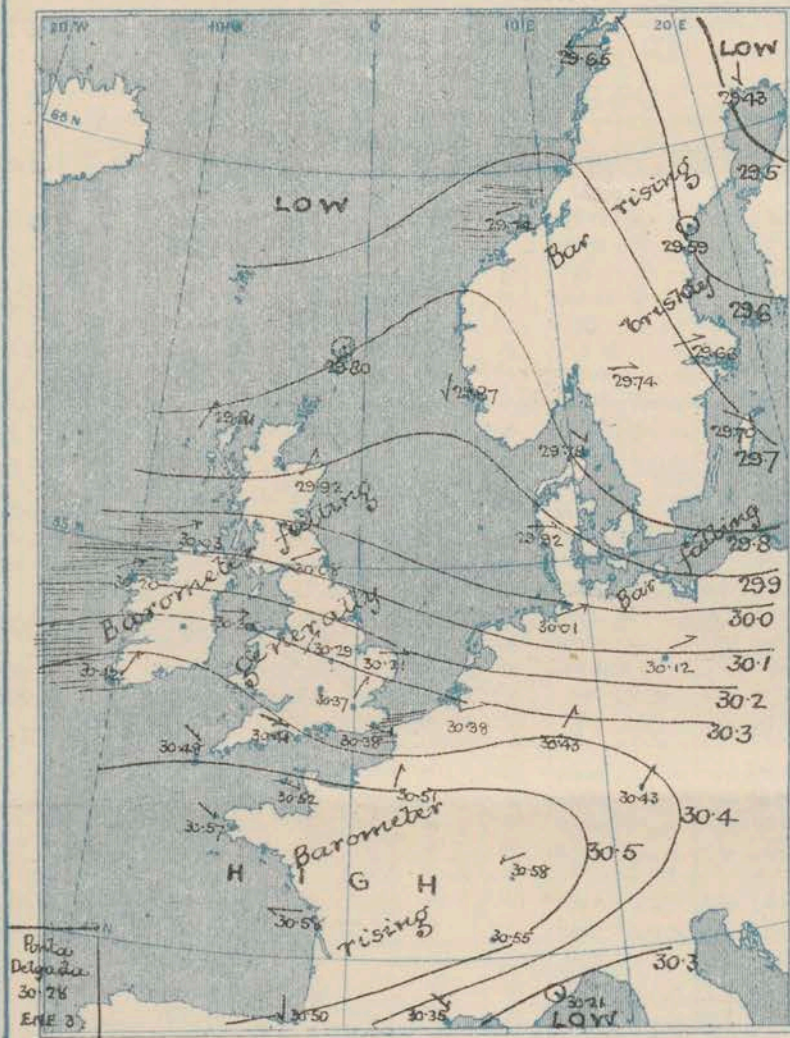
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

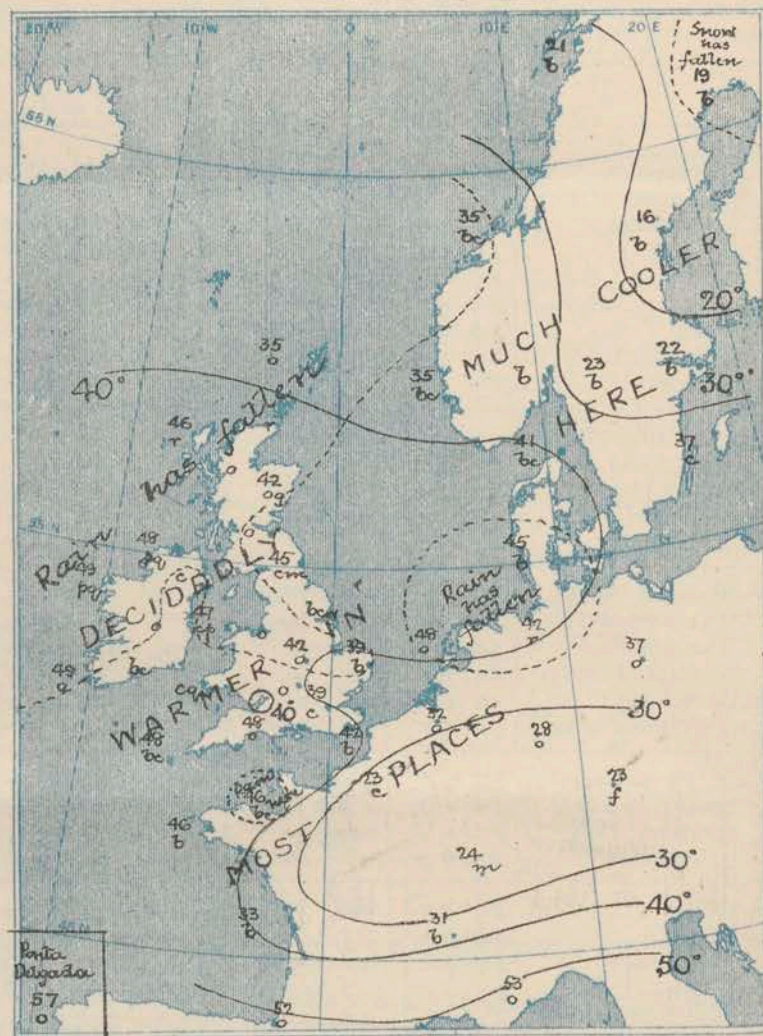


## II. TEMPERATURE AND WEATHER. This Morning.

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

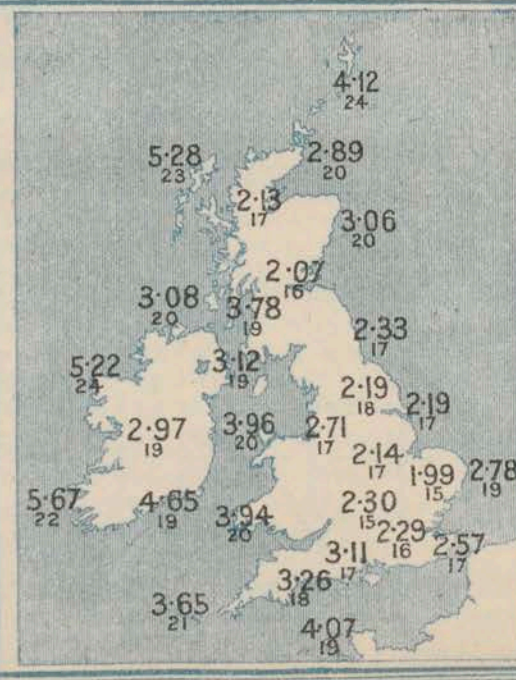
Yesterday morning.



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

Specimen { RAINFALL 2.33  
(for Shields) { RAIN DAYS 17

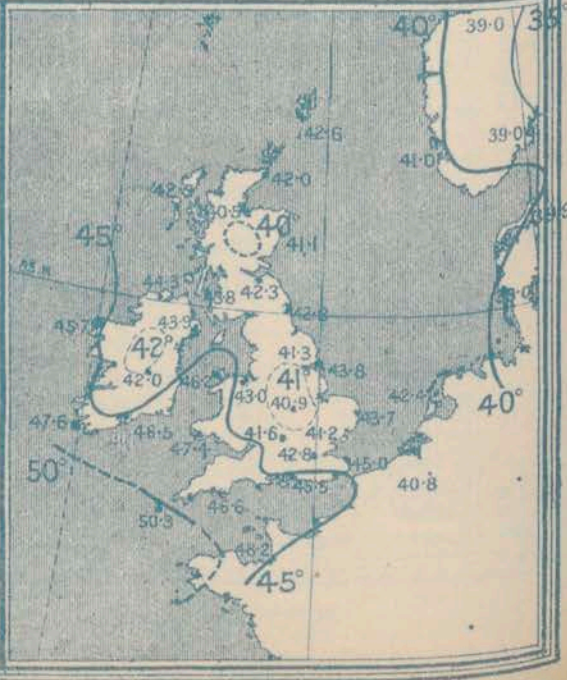
Malin Head & Blacksod & Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the monthly period

November (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The barometer is now highest, 30.5 ins. and upwards, in an anticyclone lying over France and the western half of the Channel and lowest, 29.5 ins. and less, in a cyclonic disturbance over the northern parts of the Gulf of Bothnia. The barometer is rising decidedly over Scandinavia and slowly over France, falling elsewhere - most in the NW of our islands, towards which region a secondary disturbance is approaching.

### WIND

The wind has shifted to the W<sup>ly</sup> over the whole of NW<sup>tn</sup> Europe; in force it is light or moderate generally, but blows freshly in the Irish Sea, and strongly in the N<sup>th</sup> of Ireland. Over the southern parts of France there is a light or moderate E<sup>ly</sup> breeze.

### TEMPERATURE

Temperature has risen quickly over our central and southern districts and now varies from 49° in the west of Ireland and at Pembroke and 48° at Portland Bill to 39° in London and at Yarmouth and to 35° in the Shetlands. At our continental stations the thermometer is still low; at Paris and Munich the reading is 23°, at Stockholm 22°, Bodø 21°, and at Helsingfors 16°.

### WEATHER

### AND

### SEA

The weather is fine over the greater part of our area, but cloudy or dull in our more western and northern districts, with passing showers or steady rain in places. The sea is rather rough off the west of Ireland, moderate or slight on our other coasts. Slight rain was experienced yesterday or in the night in a few western and northern localities, but the weather was, as a rule, fair and dry. Bright sunshine was abundant on our south and southwest coasts, but in the north there was very little. The maximum temperatures registered yesterday were considerably above 45° at many of our stations and as high as 53° at Sally. In London, however, the thermometer did not exceed 39°. Frost was again prevalent during the night over the S.E. of England, the sheltered thermometer sinking to 27° in London. Over the country generally, however, the night was mild.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The secondary cyclonic disturbance in the extreme north west is likely to cause rain over many of our northwest and northern districts and strong winds over the north of Ireland and west of Scotland. The southern districts will remain under the influence of the anticyclone for a time.

## FORECASTS \*

For the 24 hours ending at NOON on 19 November 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	SW <sup>ly</sup> to W <sup>ly</sup> winds; cloudy, unsettled, some rain, mild.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	W <sup>ly</sup> winds, light or moderate; cloudy or dull, some rain, mild.
3	{ ENGLAND EAST	Same as N <sup>o</sup> 5.
4	{ MIDLAND COUNTIES	Same as N <sup>o</sup> 2.
5	{ ENGLAND SOUTH	SW <sup>ly</sup> and W <sup>ly</sup> winds, light or moderate; fair at first, probably some rain later. mild.

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	W <sup>ly</sup> and SW <sup>ly</sup> winds, strong in places; cloudy, unsettled, some rain. Mild.
7	{ ENGLAND N.W.	Same as N <sup>o</sup> 2.
8	{ ENGLAND S.W.	W <sup>ly</sup> and NW <sup>ly</sup> winds, moderate; fair generally, Mild.
9	{ IRELAND NORTH	Same as N <sup>o</sup> 6.
10	{ IRELAND SOUTH	SW <sup>ly</sup> and W <sup>ly</sup> winds, light or moderate; cloudy or dull, some rain in places, mild. At 7-10 yesterday to districts 0, 6, and parts of 1 and 9, "Hoist North Cone". At 10-15 am today to districts 1 and 0. "Lower Cone"
WARNINGS		

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

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



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.	Sun-	Rainfall
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max.	Min.	Hrs. Ins.
Clacton-on Sea	*	*	*	*	*	*	*	*	*	0	*	8,0	41	28	4.3
Newton Reigny (Penrith)	30.21	45	SW 4	0	30.15 - .09	45	44	+ 4	W 3	02	*	29	45	40	0.5 0.01
Bath	30.39	29	W 1	0	30.38 + .04	38	37	+ 19	W 1	m	*	2,0	39	19	2.6

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	46	28	3	6.2	-	Worthing	*	*	*	7.1	*
Birmingham, 9 p.m.	42	21	3	7.0	-	Llandudno	*	*	*	*	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	*	*
Hastings	*	*	*	8.1	*	Southport, 9 p.m.	47	25	0	2.9	-
Eastbourne	*	*	*	7.3	*	Manchester, 9 p.m.	*	*	*	*	*
Brighton	*	*	*	6.0	*	Darwen, 9 p.m.	43	30	8,0, c.g.	0.5	-

## 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) Nov. 17			Information not arrived.	Ins.	Algiers ... Nov. 17			Information not arrived.	Ins.
Madrid					Tunis				
Corsica (I. Sanguinaires)					Vienna				
Rome					St. Petersburg				
Florence					Lugano ... Nov. 16	48	—	r	Measured 7 a.m. 16 0.12
Trieste					Davos	30	—	0	0.12
Brindisi			arrived.		Lucerne	34	—	0	0.35
Naples					Lausanne	34	—	r	0.28
Palermo									

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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.		Nov. 18 1901.	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	...	7.20	11.38	3.56
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	...	7.24	11.45	4.6
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	...	8.9	11.57	3.45
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	...	8.7	12.26	4.45
Portugal	8 a.m. (Lisbon)	8.36 a.m.							

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, November 19<sup>th</sup>, 1901.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
	Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temperature.	Wind.	Force	Weather.	Sea	Weather.	Temp.	Sunshine.	Rainfall.					
	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.)								
	Ins.					Ins.	Ins.	°	°							Hours	Ins.			
SCANDINAVIA.	Haparanda ...	29.71	7	N	2	3	29.50	+0.07	24	23	+5	SW	4	bc	*	3	24	1	*	-
	Hernösand ...	29.82	8	Z	0	6	29.40	-0.19	30	26	+14	SSW	9	0	*	3	30	8	*	-
	Stockholm ...	29.85	21	Z	0	6	29.60	-0.06	32	29	+10	S	2	0	*	3	32	18	*	-
	Wisby ...	29.78	32	N	4	6	29.69	-0.01	32	30	-5	S	2	0	*	3	45	27	*	-
	Karlstad ...	29.83	26	NE	2	0	29.30	-0.44	36	35	+13	S	6	r	*	0	*	*	*	0.16
	Færder (X'ania Fjord) ...	29.78	37	SE	4	6	29.21	-0.55	47	46	+11	SW	6	0	4	c	47	36	*	0.12
	Bodö ...	29.51	26	E	2	5	29.03	-0.62	28	26	+7	ENE	5	0	2	s	28	18	*	-
	Christiansund ...	29.51	35	W	3	0	28.90	-0.84	40	37	+5	SW	9	r	5	0	40	30	*	0.12
	Skudesnaes ...	29.63	40	SE	8	r	29.26	-0.61	46	44	+11	WSW	8	0	4	r	46	34	*	-
BRITISH ISLANDS.	Sumburgh Head ...	29.35	48	WSW	4	0	29.13	-0.67	42	40	+7	W	5	0	6	r, u	48	35	*	0.25
	Stornoway ...	29.58	49	WSW	4	0	29.45	-0.36	47	45	+1	NW	3	r	3	og, d	53	42	0.0	0.47
	Malin Head ...	29.79	51	W	9	r, g	29.62	-0.41	51	50	+3	W	10	r, g	6	r, g	52	47	*	0.80
	Blacksod Pt. ...	30.01	52	WSW	8	r, g, m	29.95	-0.25	52	51	+3	WSW	7	c, g, m	6	r, g, m	53	48	*	0.57
	Valencia ...	30.32	52	SW	5	0, g	30.23	-0.19	52	49	+3	SW	6	og	5	0, g	52	49	0.0	0.15
	Roche's Point ...	30.31	50	W	5	c	30.24	-0.21	51	48	+9	WNW	4	0	4	c	51	42	*	-
	Parsonstown ...	30.17	48	W	3	r	30.09	-0.23	50	48	+7	SW	3	0	*	od	51	43	0.0	0.10
	Donaghadee ...	29.94	48	SW	4	r	29.85	-0.34	52	52	+8	WSW	4	r, g, g	3	r, g	54	43	*	0.16
	Liverpool Obsy. ...	30.09	46	SW	6	p	29.98	-0.26	49	49	+4	SW	8	r	7	r	52	45	*	0.14
	Holyhead ...	30.13	48	WSW	7	r	30.03	-0.27	52	50	+5	WSW	7	r, g, m	5	r, g, m	52	44	*	0.16
	Pembroke (St. Ann's) ...	30.27	50	WSW	8	c	30.17	-0.21	51	49	+2	W	8	og, p, w	6	c, g	53	49	0.6	0.08
	Scilly (St. Mary's) ...	30.45	48	W	6	c	30.35	-0.13	49	46	+1	WSW	7	0	4	c	53	43	7.2	-
	Jersey (St. Aubins) ...	30.50	50	WNW	4	0, g	30.42	-0.10	53	48	+7	W	5	0, g	4	c, g	54	45	3.5	-
	Portland Bill ...	30.37	50	W	6	c	30.28	-0.13	52	51	+4	W	7	og, p	5	c	52	48	*	0.02
	Dungeness ...	30.32	48	WNW	5	c	30.18	-0.20	50	48	+8	W	6	0	4	bc	50	42	*	0.07
	Wick ...	29.48	50	W	3	0	29.35	-0.46	44	43	+1	WNW	4	r	1	0	51	42	*	0.15
	Nairn ...	29.56	53	W	2	0	29.41	-0.46	48	47	+2	W	1	0	1	c	53	42	*	0.11
GERMANY, &c.	Aberdeen ...	29.62	47	SSW	2	0	29.43	-0.49	51	48	+9	WSW	1	og, p	1	og, p	54	42	0.0	0.04
	Leith ...	29.70	49	WSW	6	0	29.58	-0.42	54	52	+7	WSW	6	c	*	0	55	45	*	-
	North Shields ...	29.87	50	WSW	4	0	29.70	-0.38	54	52	+9	WSW	6	og	2	0	55	44	*	0.01
	Spurn Head ...	30.02	45	SW	6	0	29.87	-0.30	51	50	+8	W	7	c, g	4	0	52	42	*	-
	Yarmouth ...	30.15	46	W	4	c	29.97	-0.24	50	49	+11	W	6	og, g	4	bc, c	50	38	*	0.10
	Loughborough ...	30.16	47	SSW	4	0	30.03	-0.26	52	49	+10	WSW	5	og	*	0	52	42	*	0.08
	Oxford ...	30.23	48	WSW	4	0	30.15	-0.23	51	49	+10	WSW	4	og	*	0	51	41	*	-
	London (Brixton) ...	30.30	46	SW	2	0	30.17	-0.20	51	49	+12	WSW	6	0	*	og, g, p	51	38	0.0	0.01
FRANCE.	The Scaw (Skagen) ...	29.74	40	SW	3	c	29.36	-0.42	44	43	+3	SW	3	r	1	c	45	39	*	0.20
	Fanö ...	29.84	46	WSW	6	0	29.56	-0.36	48	48	+3	SW	4	0	*	0	48	45	*	0.16
	Cuxhaven ...	30.01	46	W	4	0	29.76	-0.25	46	45	+4	SW	6	r	*	0	48	43	*	0.28
	The Helder ...	30.11	48	W	5	0	29.86	-0.28	51	50	+3	W	7	r	6	0	52	46	*	0.16
	Brussels ...	*	*	*	*	*	30.18	-0.20	44	44	+12	SW	4	r	*	0	44	32	*	0.24
	Berlin ...	30.08	43	W	4	0	29.95	-0.17	40	39	+3	W	4	0	*	0	41	37	*	0.12
	Frankfurt ...	30.40	36	SW	2	0	30.23	-0.20	39	38	+11	WSW	6	r	*	0	39	28	*	0.04
	Munich ...	30.46	28	W	5	c	30.41	-0.02	35	?	+12	W	6	s	*	c	?	23	*	-
SPAN. PEN.	C. Gris Nez ...	30.32	49	W	6	0	30.18	-0.18	51	50	+8	W	8	r	8	0	54	43	*	0.20
	Brest ...	30.58	50	NW	3	c	30.50	-0.07	47	47	+1	NW	4	0	4	c	52	43	*	-
	Lorient ...	30.61	50	WNW	4	c	30.56	-0.01	50	46	+9	W	4	c	4	c	54	39	*	-
	Rochefort ...	30.66	42	E	1	3	30.63	+0.05	44	42	+11	SW	2	0	*	3	48	33	*	-
	Biarritz ...	30.62	46	NE	2	3	30.63	+0.13	35	35	+17	ESE	3	m	1	3	52	34	*	-
	Paris ...	30.51	41	SW	2	0	30.43	-0.08	41	38	+18	SSW	4	0	*	0	44	23	*	-
	Belfort ...	30.58	28	WSW	2	0	30.50	-0.08	33	31	+9	WSW	3	0	*	0	33	24	*	-
	Lyons ...	30.63	33	NW	1	6	30.65	+0.10	30	28	-1	SSW	1	3	*	3	40	28	*	-
SPAN. PEN.	Nice ...	30.15	51	?	?	3	30.30	+0.09	44	42	-9	E	3	bc	1	3	59	44	*	-
	Perpignan ...	30.44	49	W	2	3	30.46	+0.11	45	38	-5	W	2	3	*	3	59	43	*	-
SPAN. PEN.	Corunna ...																			
	Lisbon ...	30.42	54	NNE	4	3	30.44	+0.04	51	47	+2	NNE	5	0	*	c	61	49	*	-
SPAN. PEN.	Azores (P. Delgada) ...	30.29	57	NE	3	3	30.25	-0.03	56	53	-1	NE	3	3	*	3	64	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 Tuesday 19<sup>th</sup> November 1901.

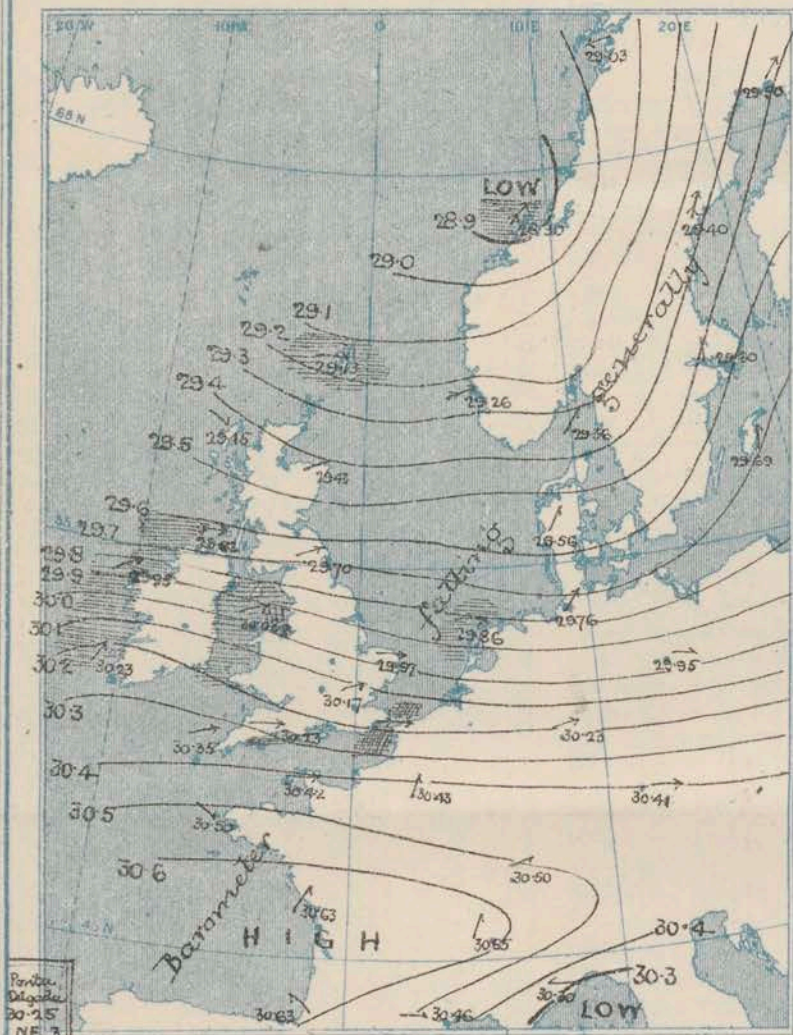
## I. BAROMETER, WIND AND SEA. This Morning.

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

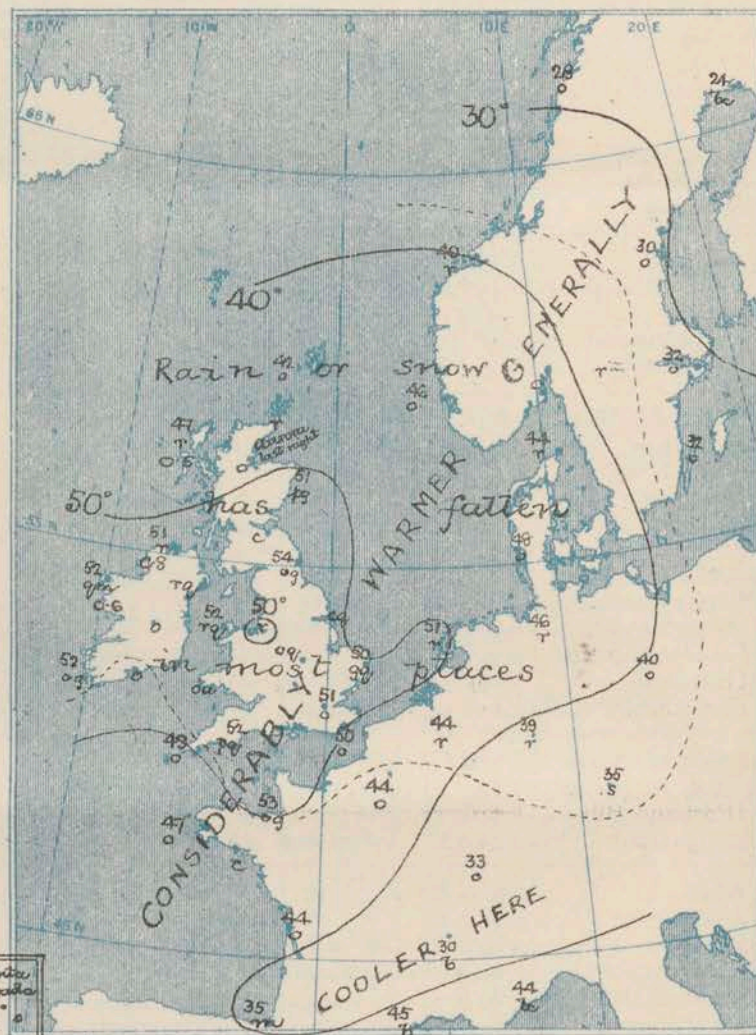


## II. TEMPERATURE AND WEATHER. This Morning.

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

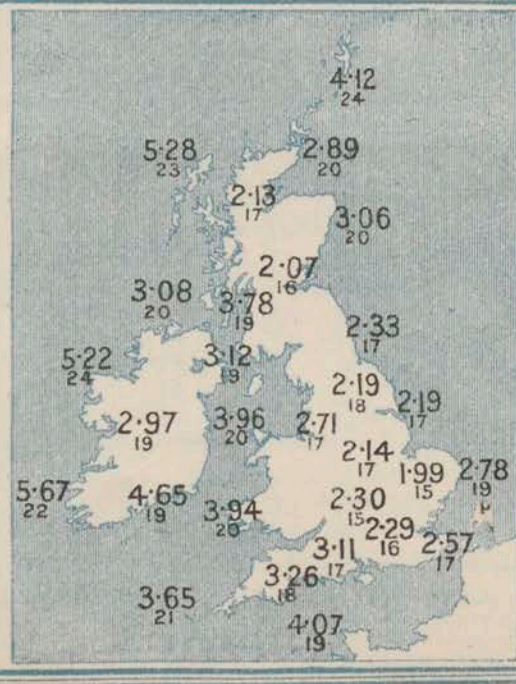
Yesterday morning.



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

Specimen { RAINFALL 2.33  
(for Shields) { RAIN DAYS 17

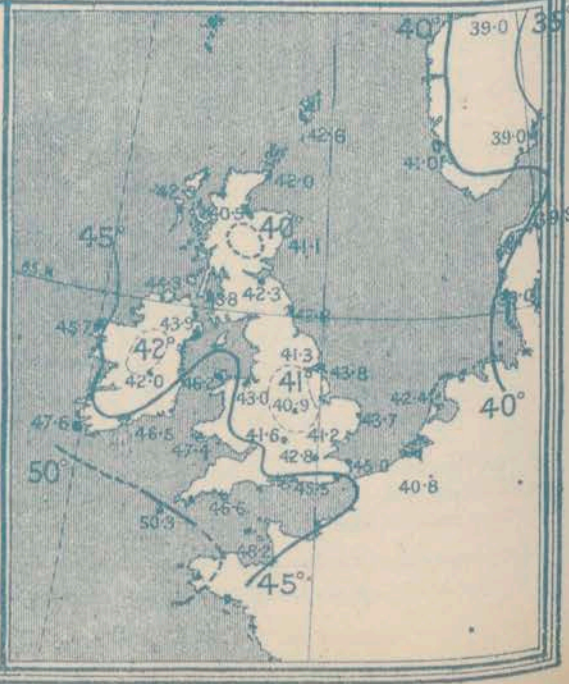
Mahin Head & Blacksod & Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the monthly period

November (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The barometer is lowest, 28.9 ins. and less, in the centre of a large and rather deep cyclonic disturbance which has advanced from the westward and now lies off the west coast of Norway. It is still highest over France and the Bay of Biscay where the readings range from 30.4 ins. to 30.6 ins. The low pressure system has spread southwards over our Islands to a considerable extent and the gradients for W<sup>y</sup> or SW<sup>y</sup> winds are steep over England as well as the greater part of the North Sea and Scandinavia. The barometer is still falling over the whole of northwestern Europe.

### WIND

The wind has consequently increased greatly in force from the W<sup>d</sup> or SW<sup>d</sup> over our Islands and their immediate neighbourhood, and from the SW<sup>d</sup> over Denmark, Norway, and Sweden. In some parts of our western coasts and in Scandinavia it blows with the force of a fresh gale, while elsewhere there is a strong breeze or moderate gale. Over the southern parts of the Bay of Biscay and the south of France, however, the wind is light and variable.

### TEMPERATURE

Temperature has again risen very generally over the greater portion of our area, and is now very high for the time of the year at most of our own stations and on the eastern and southern shores of the North Sea. At Leith and Shields the thermometer stands at 54°, and at 50° or a trifle above over our Islands generally. In the extreme north of Scotland, however, it is below 45°. Over Sweden the readings range from 32° in the south to 24° in the north, while at Munich and Biarritz the temperature is 35°. The weather is cloudy or dull in almost all places, with rain in several parts of the United Kingdom and to the eastward of the North Sea, and with snow at Munich. The sea is rough or rather so on most parts of our coasts.

### WEATHER

### AND

### SEA

Rain has fallen very generally over the western and northern districts, but the amount has not, as a rule, been large. The highest temperatures recorded yesterday or in the night ranged from 55° at Leith and Shields to 48° in the Shetlands. Very little bright sunshine was registered over our Islands as a whole, but Scilly had as much as 7.3 hours. Aurora was observed at Wick last night.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A secondary disturbance seems to be approaching the west of Ireland, so that a continuance of strong winds and gales from between southwest and west is probable generally, with squally, rainy weather.

## FORECASTS\*

For the 24 hours ending at NOON on 20<sup>th</sup> November 1901

### DISTRICTS.

### FORECASTS.

1	SCOTLAND NORTH	} W <sup>ly</sup> winds, fresh or strong generally, a gale in places; squally, unsettled, rain at times.
2	SCOTLAND EAST	
3	ENGLAND N.E.	} W <sup>ly</sup> winds, strong to a gale; squally, rain in places, mild.
4	ENGLAND EAST	
5	MIDLAND COUNTIES	
6	ENGLAND SOUTH	



### DISTRICTS.

### FORECASTS.

7	SCOTLAND WEST	} Same as Nos. 0 to 2.
8	ENGLAND N.W.	
9	ENGLAND S.W.	} SW <sup>ly</sup> to W <sup>ly</sup> winds, strong, a gale in places; squally rain at times, mild, then cooler.
10	IRELAND NORTH	
11	IRELAND SOUTH	

### WARNINGS

The signals are flying in all districts.

*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. Inch. Change.	Temperature. Dry. Wet. Change.	Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Inch.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	c, bc	50 39	3.2	0.04
Newton Reigny (Penrith)	29.92	46	sw 6	r	29.76	- .39 52 51 + 7	ws 6	rq	*	sggr	53 44	0.0	0.44
Bath	30.27	36	w 5	o	30.20	- .18 51 49 + 13	w 6	rq	*	o	52 36	0.7	0.06

## 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.	46	42	c	0.0	0.12	Worthing	*	*	*	0.1	*
Birmingham, 9 p.m.	46	36	o	0.0	-	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	48	36	c, b, o	3.2	-	Rhyl	*	*	*	2.0	*
Hastings	*	*	*	0.3	*	Southport, 9 p.m.	48	46	o, r	0.0	0.26
Eastbourne	*	*	*	0.7	*	Manchester, 9 p.m.	47	42	o, u, r	0.0	0.20
Brighton	*	*	*	0.2	*	Darwen, 9 p.m.	45	41	o, r	0.0	0.47

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) NOV. 18	64	50	c, c	Inch.	Algiers ... NOV. 18	86	63	c, o	Inch.
Madrid	55	36	o, o	0.12	Tunis	77	63	c, o	-
Corsica (I. Sanguinaires)	66	55	m, m	-	Vienna	37	27	c, b	-
Rome	69	56	b, o	-	St. Petersburg	41	21	c, b	-
Florence	65	50	o, o	-	Lugano	1 p.m.	-	-	Measured 7 a.m. 17
Trieste	55	45	c, o	-	Davos	-	-	Information	-
Brindisi	72	54	f, c	-	Lucerne	-	-	not arrived.	-
Naples	66	59	b, o	-	Lausanne	-	-	-	-
Palermo	69	50	c, 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.z.t.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (m.z.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.

NOV. 19, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.22	11.38	3.55
Greenwich	7.26	11.45	4.5
Wick	8.12	11.57	3.43
Valencia	8.9	12.26	4.44

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, November 20<sup>th</sup> 1901.*

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.			Sun- shine Hours	Rainfall Ins.
		At 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.		
SCANDINAVIA.	Haparanda ...	29.02	23	S	6	S	28.88	-.62	19	18	-5	E	2	0	*	S	24	4	*	0.12	
	Hernösand ...	28.67	29	NW	2	0	28.85	-.55	29	27	-1	W	6	0	*	0	34	5	*	0.39	
	Stockholm ...	28.87	39	SSW	2	0	28.94	-.66	31	30	-1	NW	6	0	*	0	39	16	*	0.28	
	Wisby ...	28.97	44	S	4	30	28.98	-.71	32	34	+6	NW	8	0	*	30	44	23	*	0.56	
	Karlstad ...	28.83	39	W	2	3	29.23	-.07	32	30	-4	WNW	2	3	*	7, 3	47	39	*	0.16	
	Færder (X'iania Fjord)	28.89	44	W	6	3	29.29	+ .08	39	33	-8	NW	6	0	4	3	30	21	*	-	
	Bodö ...	28.90	23	E	2	30	29.04	+ .01	30	28	+2	NNW	6	0	3	3	41	30	*	0.35	
	Christiansund ...	29.01	38	WSW	8	7	29.38	+ .48	32	30	-8	N	5	3	6	7	48	35	*	-	
	Skudesnaes ...	29.14	43	NW	8	0	29.51	+ .25	35	34	-11	NNW	7	0	3	0	48	35	*	-	
	Sumburgh Head	29.32	40	N	4	0	29.69	+ .56	31	29	-11	N	1	0	4	0	44	31	*	0.12	
BRITISH ISLANDS.	Stornoway ...	29.55	42	NNW	4	0	29.72	+ .27	36	35	-11	WNW	2	30	2	0	48	84	0.0	0.16	
	Malin Head ...	29.62	52	W	10	79m	29.82	-.13	53	52	+1	WSW	7	79m	6	79m, 79	53	51	*	0.42	
	Blacksod Pt. ...	29.85	52	WSW	8	79m	30.07	-.16	52	50	0	SW	4	cm	5	09, 0	54	52	0.0	-	
	Valencia ...	30.16	53	SW	4	0	30.10	-.14	52	49	+1	W	4	0	3	0	53	50	*	-	
	Roche's Point ...	29.99	51	SW	6	0	29.92	-.17	52	50	+2	W	5	09	*	0	53	49	0.0	0.11	
	Parsonstown ...	29.73	51	WNW	6	79m	29.71	-.14	51	51	-1	W	4	79m	3	79m, 79	53	51	*	0.40	
	Donaghadee ...	29.80	51	SW	9	0	29.83	-.15	50	49	+1	SW	7	0	4	0, 99	53	45	*	0.05	
	Liverpool Obsy.	29.93	52	W	7	09m	29.88	-.15	52	50	0	WSW	6	dm	7	0, 09m	53	49	*	0.03	
	Holyhead ...	30.09	52	W	8	0	30.03	-.14	53	52	+2	WSW	6	09m	6	0	57	52	0.0	-	
	Pembroke (St. Ann's)	30.29	49	W	6	0	30.19	-.16	53	51	+4	W	6	0	4	0	54	46	0.0	-	
GERMANY, &c.	Scilly (St. Mary's)...	30.38	53	W	6	09	30.24	-.18	55	51	+2	WSW	6	09	5	0, 09	55	52	0.0	-	
	Jersey (St. Aubins)...	30.19	52	W	6	09	30.08	-.20	53	51	+1	W	6	09	5	09	53	52	*	0.01	
	Portland Bill ...	30.10	51	W	8	0	30.02	-.16	51	49	+1	W	6	0	4	0	51	49	*	-	
	Dungeness ...	29.44	39	NW	4	0	29.72	+ .37	40	37	-4	NE	1	0	2	0	43	35	*	0.22	
	Wick ...	29.52	42	WNW	1	0	29.73	+ .32	38	37	-10	Z	0	0	1	0	48	36	*	0.64	
	Nairn ...	29.49	42	NW	4	09	29.72	+ .29	38	36	-13	W	2	0	1	0, 9	55	37	0.0	0.13	
	Aberdeen ...	29.48	53	WSW	4	0	29.74	+ .18	42	41	-12	W	1	30	*	0	54	41	*	0.05	
	Leith ...	29.55	52	WSW	5	0	29.75	+ .05	41	41	-13	NNW	1	7	2	0, 7	55	40	*	0.85	
	North Shields ...	29.73	51	W	7	0	29.75	-.12	51	50	0	W	6	0	5	0, 79	53	47	*	0.20	
	Spurn Head ...	29.86	51	W	7	09	29.81	-.16	53	50	+3	W	6	09	4	0, 09	53	50	*	-	
FRANCE.	Yarmouth ...	29.91	52	SW	7	0	29.89	-.14	51	49	-1	W	5	09	*	09, 09	53	51	*	-	
	Loughborough ...	30.04	50	WSW	4	09	29.99	-.16	50	48	-1	WSW	4	0	*	09	52	50	*	-	
	Oxford ...	30.10	52	SW	6	09	30.00	-.17	53	49	+2	WSW	3	0	*	0, 9	53	49	*	-	
	London (Brixton) ...	29.11	46	W	5	0	29.29	-.07	42	36	-2	NNW	6	30	2	30	46	39	*	0.04	
	The Scaw (Skagen) ...	29.29	49	W	9	7	29.55	-.01	43	42	-5	WNW	2	3	*	7	50	43	*	0.28	
	Fanö ...	29.64	49	WSW	7	7	29.64	-.12	45	43	-1	W	4	0	*	7	50	43	*	0.28	
	Cuxhaven ...	29.84	52	WSW	7	7	29.74	-.12	47	46	-4	N	1	7	4	0	52	46	*	0.16	
	The Helder ...	29.99	49	W	5	7	29.99	-.19	49	46	+5	WSW	5	0	*	0	50	44	*	0.16	
	Brussels ...	29.70	49	SW	5	7	29.59	-.36	46	44	+6	WNW	5	7	*	7	49	37	*	0.43	
	Berlin ...	30.14	44	SW	4	0	30.00	-.23	45	42	+6	SW	6	0	*	0	48	39	*	0.12	
SPAN. PEN.	Frankfurt ...	30.25	38	W	7	7	30.16	-.25	39	36	+4	W	8	0	*	7	39	34	*	0.20	
	Munich ...	30.13	52	W	8	0	30.00	-.18	52	50	+1	WSW	8	0	8	0	54	50	*	-	
	C. Gris Nez ...	30.44	52	WNW	4	0	30.33	-.17	52	50	+5	WNW	4	0	4	0	52	47	*	-	
	Brest ...	30.46	50	W	5	0	30.36	-.20	54	53	+4	W	4	0	4	0	55	50	*	-	
	Lorient ...	30.57	48	WNW	2	0	30.48	-.15	49	45	+5	NW	3	0	*	0	52	44	*	-	
	Rocheport ...	30.55	43	E	1	3	30.51	-.12	32	32	-3	ESE	2	7m	2	3	48	30	*	-	
	Biarritz ...	30.37	47	SW	4	3	30.23	-.20	46	43	+5	SW	3	0	*	0	50	41	*	-	
	Paris ...	30.44	39	WSW	5	0	30.29	-.21	39	36	+6	WSW	6	0	*	0	39	33	*	-	
	Belfort ...	30.56	40	NNW	1	0	30.46	-.19	39	36	+9	W	1	0	*	0	43	30	*	-	
	Lyons ...	30.25	48	E	1	3	30.11	-.19	45	39	+1	E	1	30	1	3	59	43	*	-	
SPAN. PEN.	Nice ...	30.38	51	NW	3	3	30.29	-.17	44	38	-1	W	4	3	*	3	62	43	*	-	
	Perpignan ...	30.46	57	NNE	3	0	30.36	-.08	51	47	0	NNE	4	0	*	2	57	50	*	-	
SPAN. PEN.	Corunna ...	30.46	63	E	3	3	30.23	-.02	60	57	+4	NE	3	30	*	3	64	56	*	-	
	Lisbon ...	30.25	63	E	3	3	30.23	-.02	60	57	+4	NE	3	30	*	3	64	56	*	-	
SPAN. PEN.	Azores (P. Delgada)	30.25	63	E	3	3	30.23	-.02	60	57	+4	NE	3	30	*	3	64	56	*	-	

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 20<sup>th</sup> November, 1901.

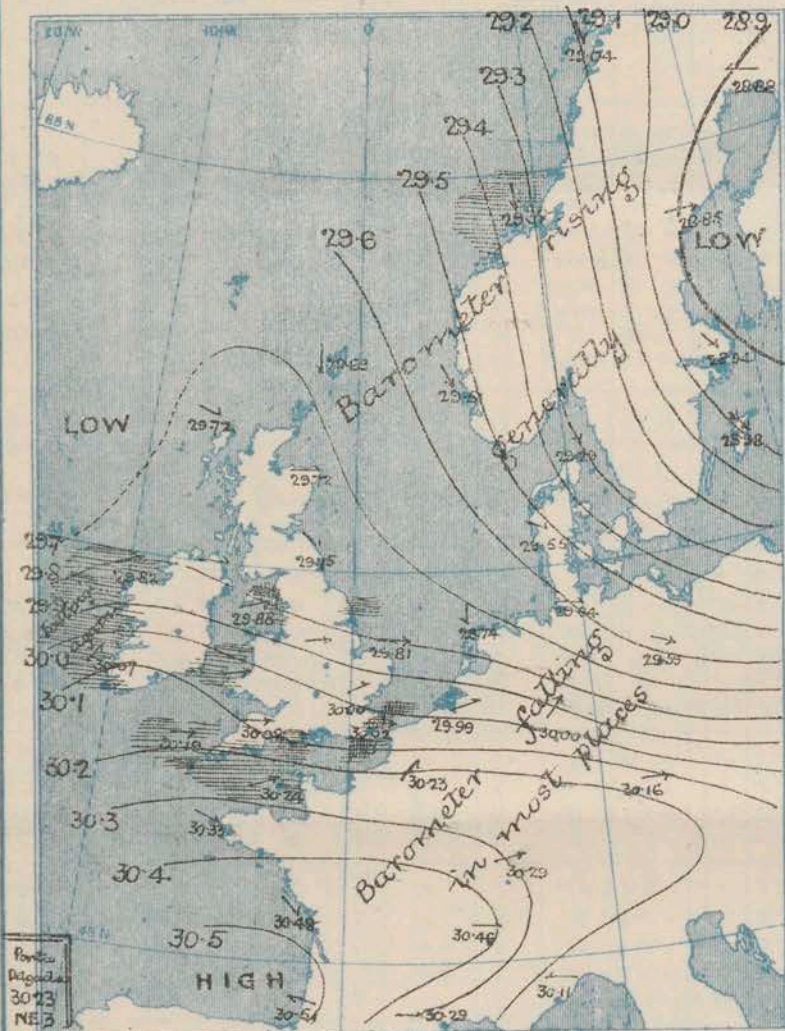
## I. BAROMETER, WIND AND SEA. This Morning.

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

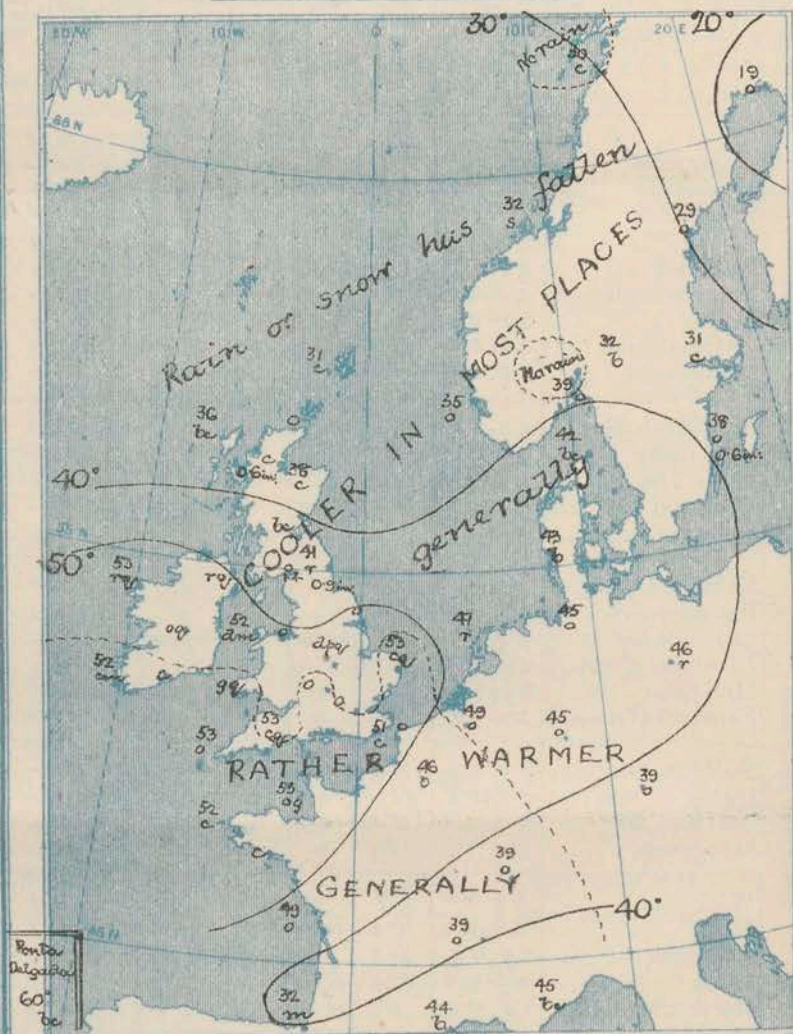


## II. TEMPERATURE AND WEATHER. This Morning.

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

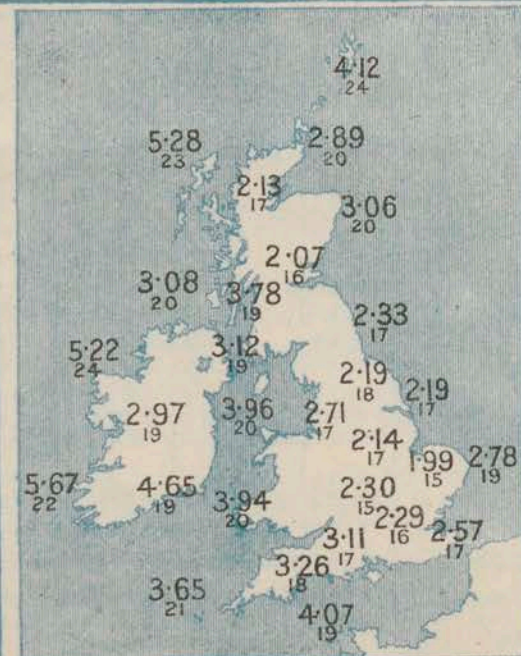
Yesterday morning.



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

Specimen { RAINFALL 2.33  
(for Shields) { RAIN DAYS 17

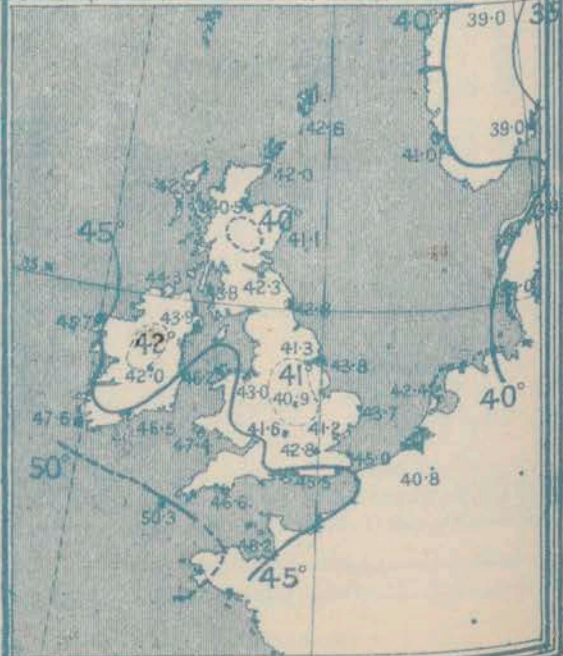
Malin Head & Blacksod & Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the monthly period

November (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Barometric pressure continues highest, 30.4 ins. to 30.5 ins., over the Bay of Biscay and the greater part of France, and lowest, 28.9 ins. and less, in a large and deep disturbance which has travelled eastwards to Sweden. The barometer is rising over the northern part of our area and a recovery of pressure has also commenced in some of our southern districts; in the west of Ireland, however, a fresh decrease has set in during the night. Gradients for W<sup>y</sup> winds are still somewhat steep over Ireland and England, but in Scotland they have become very slight.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind has veered to the NW<sup>d</sup> over the greater part of Scandinavia, and is strong to a gale in force. Over England and the east of Ireland it is mainly W<sup>y</sup>, and blows strongly, while in the west of Ireland it is strong from the SW<sup>d</sup>. Over the southern parts of France it is light and variable, while over Germany it is strong from the westward. Temperature has fallen quickly over the extreme north of England, in Scotland, and in Norway, changed very little in most other places, but risen in Germany. The readings over Ireland and the greater part of England (50° to 53°) are still much above the normal, while those in Scotland are rather below it; in the Shetlands the thermometer stands at 31°. Temperature is also very low in the extreme southwest of France, the reading at Biarritz being only 32°. Cloudy or dull weather prevails over the greater part of northwestern Europe, with snow in the northwest of Norway, rain, or passing showers, at some of our own western and northern stations, and rain at the Relder and Berlin. The sea is rough in the west and south and at Christiansund, rather so at Spurn Head. Heavy rain has fallen during the past 24 hours in the northeast of Scotland and north of England, and smaller amounts over the northern and western districts generally. Rain has also been experienced over Germany and the Netherlands, and rain or snow in Norway and Sweden. During yesterday the temperature rose to 57° at Pembroke, and to 55° at Jersey. Aberdeen, and Shields; at Wick the maximum was only 43°. Scarcely any bright sunshine was recorded over our Islands yesterday.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Another cyclonic disturbance appears to be approaching the Irish coasts, and this is likely to cause the winds over Ireland and England to continue strong from the westward, with mild weather, and rain in many places.

## FORECASTS \*

For the 24 hours ending at NOON on 21<sup>st</sup> November 1901

### DISTRICTS.

### FORECASTS.

07	{ SCOTLAND NORTH	Wind mainly N <sup>y</sup> , force doubtful; unsettled, snow or sleet in places.
17	{ SCOTLAND EAST	
27	{ ENGLAND N.E.	W <sup>y</sup> winds, strong in places; cloudy or dull, some rain.
37	{ ENGLAND EAST	Same as N <sup>o</sup> 5.
4	{ MIDLAND COUNTIES	Same as N <sup>o</sup> 2.
57	{ ENGLAND SOUTH	W <sup>y</sup> winds, strong generally, a gale in places; mild, some rain.



### DISTRICTS.

### FORECASTS.

67	{ SCOTLAND WEST	SW <sup>y</sup> and NW <sup>y</sup> winds; changeable, some rain.
77	{ ENGLAND N.W.	SW <sup>y</sup> to W <sup>y</sup> or NW <sup>y</sup> winds, strong in places; changeable, some rain.
87	{ ENGLAND S.W.	Same as N <sup>o</sup> 5.
97	{ IRELAND NORTH	W <sup>y</sup> to NW <sup>y</sup> winds, strong generally, a gale in places; changeable, rain at times.
107	{ IRELAND SOUTH	

### WARNINGS

The signals are up on all coasts.

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

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



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall In.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	0, c	52	48	0.0	0.03
Newton Reigny (Penrith)	29.66	50	w 9	r	29.76	0	40	40	- 12	NNW 1	0	*	0 r δ	53	40	0.0	1.35
Bath	30.11	9	w 8	0	30.02	- .16	52	50	+ 1	SW 5.	0	*	0	53	50	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.	52	44	0	1.0	0.36	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	52	45	0	0.0	-	Llandudno	*	*	*	0.1	*
Lowestoft, 6 p.m.	53	43	0, c, 0	0.0	0.13	Rhyl	*	*	*	0.5	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	52	47	0, c, 0	0.0	0.34
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	52	46	0, c, 0	0.0	0.31
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	*	*	*	*	*

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>NOV. 19<sup>th</sup></i>	61	50	0, 0	Ins.	Algiers	68	59	0, c	Ins.
Madrid	54	36	0, 0	-	Tunis	44	54	c, 0	-
Corsica (I. Sanguinaires)	64	54	m, f	-	Vienna	34	32	0, 0	-
Rome	61	48	0, 0	-	St. Petersburg	41	31	0, 0	-
Florence	60	45	c, b	-	Lugano	52	-	b	Measured 7 a.m. 13
Trieste	52	41	0, c	-	Davos	24	-	b	-
Brindisi	65	50	0, 0	-	Lucerne	36	-	0	-
Naples	65	48	c, b	0.04	Lausanne	39	-	b	-
Palermo	48	65	c, 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.	Corres- ponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	5.25 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.

	<i>NOV. 20<sup>th</sup> 1901.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.24	11.39	3.54	
Greenwich	7.28	11.46	4.4	
Wick	8.14	11.58	3.42	
Valencia	8.11	12.24	4.43	

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

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

" Weekly " " " £1.10 0 " Single Copies, 6d.

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on *Thursday, 21<sup>st</sup> November, 1901.*

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.							
		BAROM.		TEMP.		WIND.	Force (0 to 12.)	Weather.	BAROMETER.		TEMPERATURE.				WIND.		Force (0 to 12.)	Weather.	Sea (0 to 9.)	TEMP.			Sun- shine. Hours	Rainfall. ins.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Change since Yester- day.				At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Max.	Min.				Sun- shine. Hours				
																					Ins.	Ins.		
SCANDINAVIA.	Haparanda	28.92	13	NE	2	b	28.87	-0.01	1	0	-18	W	2	b	23	1		0.32						
	Hernösand	29.20	24	Z	0	b	29.22	+0.37	19	17	-10	Z	0	b	30	19		-						
	Stockholm	29.41	28	W	2	b	29.43	+0.49	24	23	-7	SW	2	b	37	24		-						
	Wisby	29.49	35	NW	9	b	29.52	+0.54	35	31	-3	WNW	6	b	43	30		-						
	Karlstad	29.53	28	W	2	b	29.48	+0.25	23	22	-9	WNW	2	b				-						
	Færder (X'ianla Fjord)	29.60	37	W	5	b	29.52	+0.23	36	31	-3	W	4	0	2	39	36		-					
	Bodö	29.11	27	NW	4	s	28.98	-0.06	32	30	+2	WNW	7	s	4	32	23		-					
	Christiansund	29.52	32	N	6	0	29.44	+0.06	30	28	-2	N	4	s	5	32	27		0.20					
	Skudesnaes	29.75	35	Z	0	0	29.59	+0.08	33	32	-2	N	2	c	2	36	32		-					
	Sumburgh Head	29.76	34	N	1	0	29.59	-0.10	32	32	+1	N	1	c	3	37	30		-					
BRITISH ISLANDS.	Stornoway	29.71	41	ESE	4	c	29.61	-0.11	39	37	+3	E	5	r	5	44	35	0.0	0.08					
	Malin Head	29.60	52	W	8	rgm	29.56	-0.12	50	49	+4	W	6	rg	4	52	45		0.50					
	Blacksod Pt.	29.78	53	WSW	7	rgm	29.69	-0.13	51	50	-2	W	5	cpm	5	53	50		0.28					
	Valencia...	30.00	54	SW	4	c	29.85	-0.22	53	52	+1	SW	4	cm	5	56	52	0.3	0.19					
	Roche's Point	30.02	53	W	4	c	29.85	-0.25	53	52	+1	NW	4	p	3	54	52		0.18					
	Parsonstown	29.90	52	SW	4	0	29.76	-0.16	50	48	-2	W	1	0	2	53	50	0.0	0.04					
	Donaghadee	29.74	53	SSW	2	0.8p	29.63	-0.08	50	49	-1	SSW	2	rgm	2	53	50		0.22					
	Liverpool Obsy.	29.85	52	SW	7	0p	29.71	-0.12	52	50	+2	SW	3	0	4	53	50		0.11					
	Holyhead	29.88	52	WSW	6	0p	29.74	-0.14	52	51	0	WSW	4	dm	3	52	50		0.25					
	Pembroke (St. Ann's)	30.00	54	WSW	7	c	29.67	-0.36	53	52	0	WSW	7	rgm	6	55	52	0.0	0.13					
GERMANY, &c.	Scilly (St. Mary's)	30.14	54	W	5	r	29.96	-0.23	54	52	+1	WSW	6	cpm	4	57	51	4.8	0.04					
	Jersey (St. Aubins)	30.20	53	W	5	b, c	30.08	-0.16	55	53	0	WSW	5	omp	4	57	53	2.3	0.08					
	Portland Bill	30.08	54	W	6	c	29.95	-0.13	53	51	0	W	6	b, c	5	56	52		-					
	Dungeness	30.00	52	W	5	c	29.91	-0.11	51	49	0	W	4	c	4	54	49		-					
	Wick	29.74	39	Z	0	c	29.58	-0.14	37	36	-3	NE	3	cq	2	42	36		0.20					
	Nairn	29.72	40	Z	0	r	29.58	-0.15	39	38	+1	E	1	r	1	42	34		0.37					
	Aberdeen	29.76	40	SE	4	0	29.52	-0.20	39	38	+1	NNE	5	0.8p	5	42	37		0.48					
	Leith	29.72	42	E	1	r	29.47	-0.27	48	47	+6	W	3	b		48	38		0.39					
	North Shields	29.74	42	E	2	r	29.54	-0.21	52	51	+11	WSW	1	0	2	53	39		0.70					
	Spurn Head	29.76	50	WSW	5	0	29.66	-0.09	50	50	-1	SW	4	c	3	54	48		0.08					
FRANCE.	Yarmouth	29.83	53	W	4	c	29.74	-0.07	50	49	-3	W	5	or	4	54	49		0.01					
	Loughborough	29.89	52	W	4	0	29.75	-0.14	51	50	0	SW	5	od, p		53	49		-					
	Oxford	29.98	50	WSW	3	c	29.85	-0.14	51	49	+1	SW	4	0		53	49		-					
	London (Brixton)	29.99	52	W	4	c	29.88	-0.12	50	47	-3	SW	3	od		55	47	0.0	-					
	The Scaw (Skagen)	29.65	38	NNW	3	b	29.61	+0.32	36	33	-6	NW	3	b	1	43	34		-					
	Fanö	29.81	34	Z	0	b	29.65	+0.10	38	37	-5	ESE	2	r		45	34		0.04					
	Cuxhaven	29.83	45	Z	0	0	29.65	+0.01	42	42	-3	S	2	r		46	41		0.12					
	The Helder	29.80	46	E	1	c	29.71	-0.03	50	49	+3	WSW	4	0	4	52	46		0.44					
	Brussels						29.94	-0.05	47	46	-2	SW	5	c		52	46		-					
	Berlin	29.84	43	WNW	3	0	29.74	+0.15	40	39	-6	S	2	r		46	39		0.39					
SPAN. PEN.	Frankfurt	30.03	48	SW	4	0	29.99	-0.01	48	46	+3	SW	5	0		48	45		0.04					
	Munich	30.16	42	SW	6	0	30.13	-0.03	43	39	+4	SW	6	c		43	39		0.04					
	C. Gris Nez	30.23	53	W	7	c	29.94	-0.06	52	49	0	W	6	c	6	55	45		-					
	Brest	30.28	54	W	3	c	30.15	-0.18	55	52	+3	W	5	0	5	55	52		-					
	Lorient	30.29	54	WNW	5	c	30.18	-0.18	54	53	0	W	4	c	4	59	52		0.04					
	Rochefort	30.40	51	W	3	0	30.30	-0.18	51	50	+2	N	2	0		52	49		-					
	Biarritz	30.43	44	E	3	b	30.31	-0.20	39	37	+7	E	3	0	3	50	32		-					
	Paris	30.21	51	SW	2	0	30.13	-0.10	47	46	+1	SW	3	0		56	46		-					
	Belfort	30.26	41	SW	4	0	30.19	-0.10	40	39	+1	WSW	3	m		42	39		-					
	Lyons	30.36	43	NNE	1	0	30.26	-0.20	41	39	+2	NE	1	0		47	39		-					
Nice	30.05	47	Z	0	b	30.02	-0.09	43	41	-2	E	3	b, c		57	43		-						
Perpignan	30.23	45	SE	3	b	30.17	-0.12	48	41	+4	W	3	b		53	43		-						
SPAN. PEN.	Corunna																							
	Lisbon	30.27	56	NW	2	0	30.20	-0.16	50	46	-1	NNE	3	b		57	50		-					
SPAN. PEN.	Azores (P. Delgada)	30.19	62	NE	3	b	30.08	-0.15	63	60	+3	NE	4	0	2	70	60		-					

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 21<sup>st</sup> November, 1901.

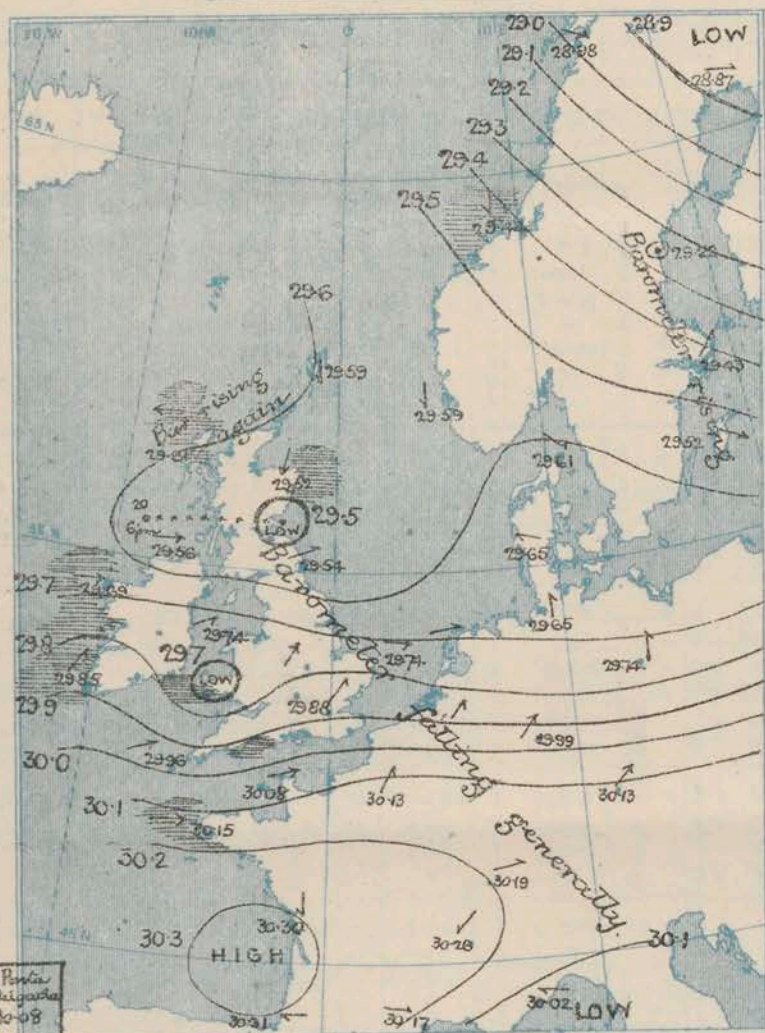
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

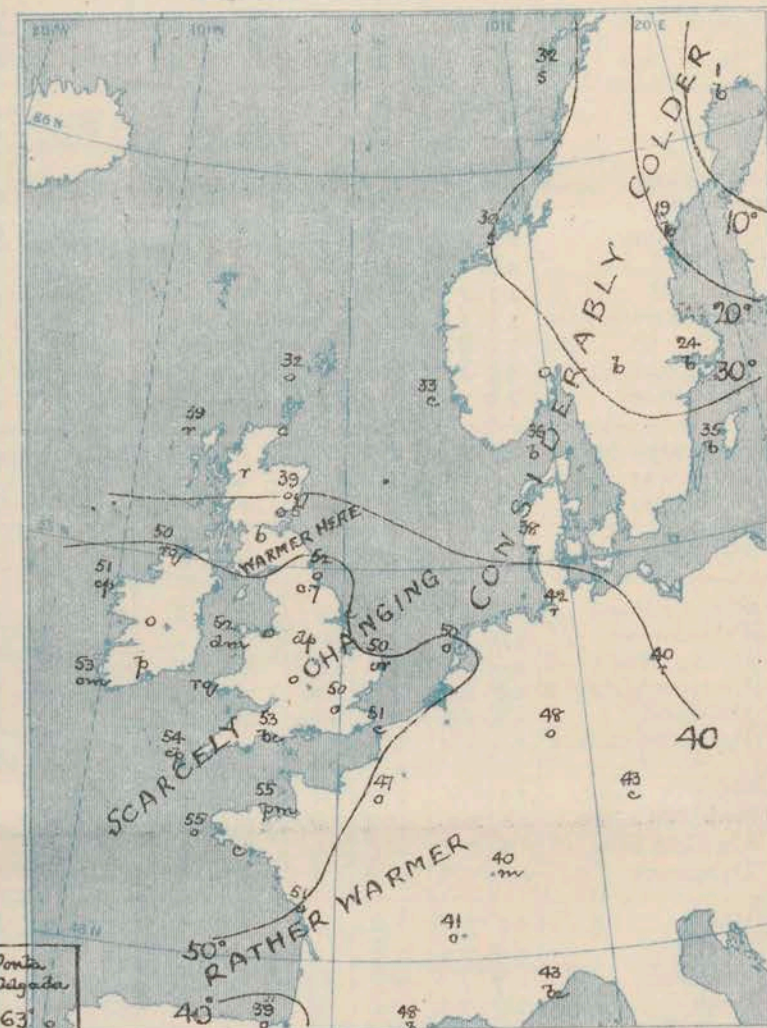


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

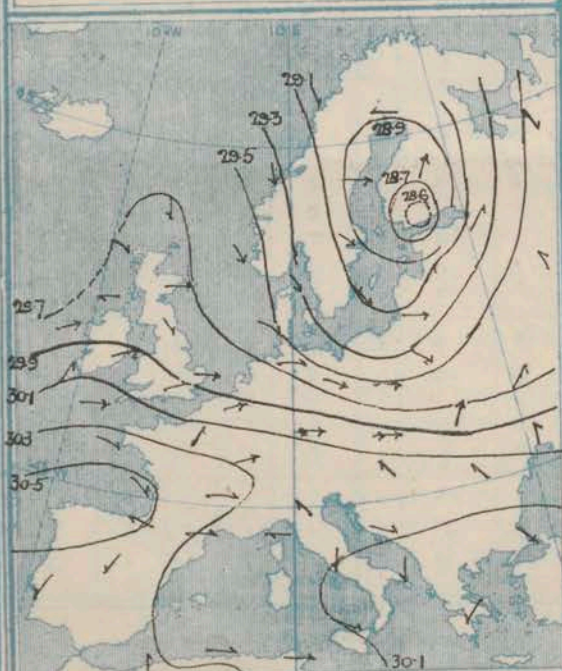
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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

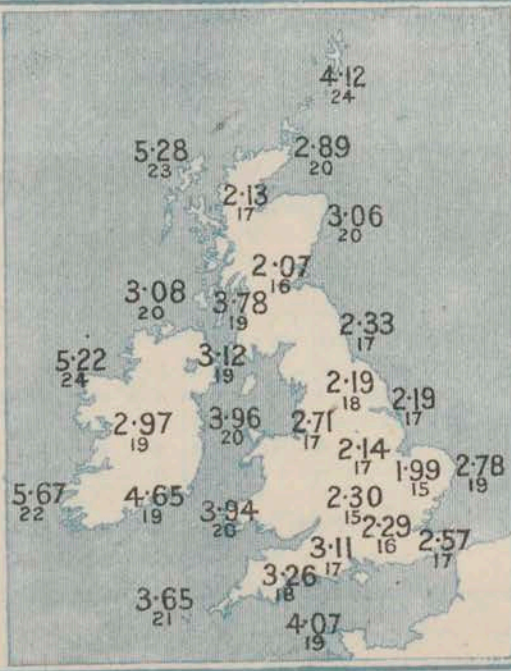
Yesterday morning.



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

Specimen { RAINFALL 2.33  
(for Shields) { RAIN DAYS 17

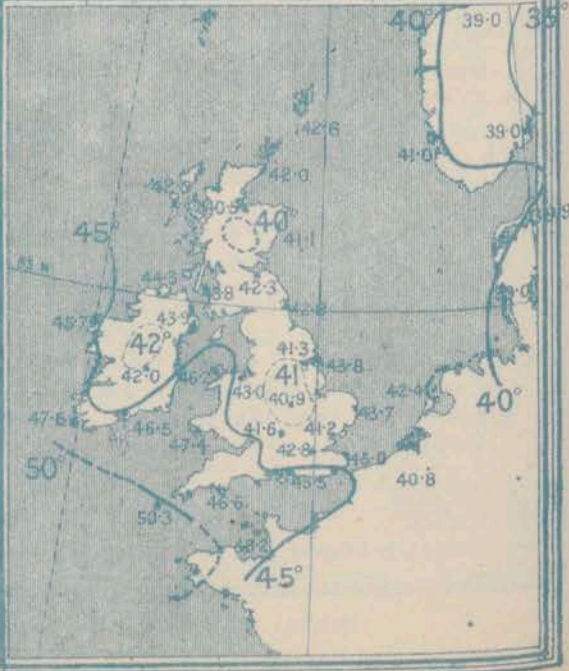
Main Head & Blacksdorf Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the monthly period

November (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The barometer continues highest, 30.3 ins. and upwards, over the west of France and the Bay of Biscay. It is lowest in a cyclonic system shown over the north of Sweden, where the readings are below 28.4 ins. Pressure is also relatively low, 29.5 ins. and less, in a secondary disturbance which has advanced eastwards to the east of Scotland, and is below 29.7 ins. in another small system which has appeared over Wales. The barometer has commenced to rise in Scotland, but is still falling in most other regions. Gradients are slight in the north, moderate or rather steep on our southwest coasts.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

Moderate to fresh breezes from the NE<sup>ly</sup> consequently prevail over the greater part of Scotland, and SW<sup>ly</sup> or W<sup>ly</sup> winds in the south of that country, over England, and most parts of Ireland. The latter blow freshly or strongly on our south and southwest coasts, but are moderate or light farther to the north. Over Scandinavia the wind varies between W. and N, and is strong both at Bodø and Nisby. Over Germany a strong breeze from the SW<sup>ly</sup> prevails, while in the southwest of France there is a light E<sup>ly</sup> wind. Temperature continues rather low in Scotland, and has fallen considerably over Scandinavia and Denmark, while over England and Ireland it remains high, the readings being in nearly every case a little above 50°. The weather is fair and dry in many parts of France, and is fine and bright over Sweden; in other parts of our area it is cloudy or dull, with snow in Norway, rain in Scotland, and passing showers or steady rain in most English and Irish localities. The sea is rough on several parts of our western and southwestern coasts, as well as at Stornoway and Christiansund. Rain has again fallen over the greater portion of our Islands—heavily in the north of England—and considerable amounts have also been experienced in Germany and the Netherlands. The highest temperatures registered over our Islands yesterday were 57° at Scilly and Jersey, while maxima between 52° and 55° occurred generally over England and Ireland. In Scotland, however, they were mostly below 45°. Very little bright sunshine was recorded, as a whole, but Scilly had 4.8 hours, and Jersey 2.3 hours.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Both the small cyclonic disturbances shown over our Islands are likely to move away eastwards, but there are already some indications of the approach of another system from the Atlantic, so that SW<sup>ly</sup> to W<sup>ly</sup> or NW<sup>ly</sup> winds, and mild, unsettled weather are still probable.

## FORECASTS \*

For the 24 hours ending at NOON on 22<sup>nd</sup> November 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	NE <sup>ly</sup> and N <sup>ly</sup> winds, increasing in force, some showers of cold rain or sleet.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	W <sup>ly</sup> or NW <sup>ly</sup> winds, moderate; cloudy or dull, some rain.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	SW <sup>ly</sup> to W <sup>ly</sup> or NW <sup>ly</sup> winds, moderate or fresh, unsettled, rain at times, mild.
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	W <sup>ly</sup> and NW <sup>ly</sup> winds, backing later; dull, some rain.
7	{ ENGLAND N.W.	W <sup>ly</sup> winds, backing later; cloudy or dull, some rain.
8	{ ENGLAND S.W.	W <sup>ly</sup> to SW <sup>ly</sup> winds, fresh or strong in places; unsettled, some rain.
9	{ IRELAND NORTH	Same as No. 7.
10	{ IRELAND SOUTH	W <sup>ly</sup> and SW <sup>ly</sup> winds, moderate or fresh; cloudy or dull, some rain.

### WARNINGS

The North Cone is still flying in district 6 and parts of 0 and 9.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun-	Rainfall.
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max.	Min.	shine.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	0	54	45	0.0	-
Newton Reigny (Penrith)	29.71	52	WSW 4	7	29.59 - .17	49	48	+ 9	WSW 3	0	*	0.2 d, gr	52	40	0.0	0.42
Bath	29.01	50	W 6	0	29.88 - .14	51	49	- 1	SW 3	7	*	0	54	35	0.0	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	52	49	0, c	0.0	0.18	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m.	52	49	0, c	0.0	-	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	54	50	0	0.0	-	Rhyl	*	*	*	0.0	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m.	52	49	0 d, p	0.0	0.41
Eastbourne	*	*	*	0.0	*	Manchester, 9 p.m.	53	51	0 r	0.0	0.34
Brighton	*	*	*	0.0	*	Darwen, 9 p.m.	*	*	*	*	*

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) Nov. 20	72	64	0, 0	Ins.	Algiers ... Nov. 20	63	52	0, 0	-
Madrid	54	28	0, b	-	Tunis	-	-	-	-
Corsica (I. Sanguinaires)	64	52	m, f	-	Vienna	?	41	7, 0	?
Rome	57	40	b, c	-	St. Petersburg	41	14	8, -b	?
Florence	56	37	0, b	-	Lugano ... Nov. 19	48	-	b	Measured 7 a.m. 19
Trieste	50	32	0, 0	-	Davos	36	-	b	-
Brindisi	58	50	bc, c	-	Lucerne	39	-	c	-
Naples	62	47	b, b	-	Lausanne	37	-	bc	-
Palermo	66	45	b, 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.

Nov. 21, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.26	11.39	3.52
Greenwich	7.29	11.46	4.3
Wick	8.16	11.58	3.40
Valencia	8.12	12.27	4.42

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Friday, 22<sup>nd</sup> November, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		Barom.	Temp.	Wind.	Force (0 to 12.)	Weather.	Barometer.		Temperature.			Wind.		Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Time			Sun- shine. Hours	Rainfall. Ins.
							At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Max.					Min.				
																				Ins.		
SCANDINAVIA.	Haparanda	29.03	-4	Z	0	3	29.21	+34	11	10	+10	NE	2	0	*	3	12	-6	*	*	*	*
	Hernösand	29.11	22	Z	0	3	29.30	+08	21	19	+2	NW	4	0	*	3	25	19	*	*	*	*
	Stockholm	29.34	23	W	2	3	29.34	-09	21	19	-3	W	2	0	*	3	28	21	*	*	*	*
	Wisby	29.36	35	W	4	3c	29.44	-08	32	28	-3	NW	8	3	*	3	37	30	*	*	*	*
	Karlstad	29.41	22	Z	0	3	29.48	0	25	21	+2	WNW	2	c	*	3	*	*	*	*	*	*
	Færder (X'iania Fjord)	29.43	31	NW	5	3	29.57	+05	32	28	-3	WNW	4	c	2	3	36	30	*	*	*	*
	Bodö	29.08	29	N	4	3c	29.52	+54	35	33	+3	N	6	0	2	3c	35	28	*	*	*	*
	Christiansund	29.47	31	ENE	6	3c	29.77	+33	35	33	+5	ENE	7	5	6	3c	36	27	*	*	*	0.35
	Skudesnaes	29.58	30	N	2	c	29.83	+24	28	28	-5	NNE	2	3	2	c	34	27	*	*	*	*
	Sumburgh Head	29.72	30	N	3	3	30.01	+42	33	31	+1	N	3	0	4	3c	34	27	*	*	*	0.02
BRITISH ISLANDS.	Stornoway	29.85	36	NE	5	7	30.14	+53	34	32	-5	NE	3	c	3	c	43	33	0.3	*	*	*
	Malin Head	29.69	46	N	4	c	30.06	+50	40	37	-10	ENE	5	c	4	p.c	51	37	*	*	*	0.04
	Blacksod Pt.	29.75	50	W	4	opn	29.96	+27	46	45	-5	NNE	4	opm	4	opm	53	45	*	*	*	0.25
	Valencia	29.90	52	WSW	3	c	29.99	+14	51	49	-2	WNW	3	om	4	3c	54	50	4.2	*	*	0.04
	Roche's Point	29.87	49	WNW	3	3	29.98	+13	46	44	-7	NW	3	3	3	3	54	45	*	*	*	0.02
	Parsonstown	29.80	48	W	1	3	29.94	+18	46	45	-4	SW	1	od	*	3c	52	45	2.7	*	*	0.06
	Donaghadee	29.65	51	SSW	3	3m	29.99	+36	42	40	-8	E	5	cp	5	3m	52	41	*	*	*	0.05
	Liverpool Obsy.	29.73	50	WSW	4	c	29.94	+23	39	38	-13	NE	4	r	?	c	53	39	*	*	*	0.27
	Holyhead	29.76	51	W	4	c	29.91	+17	44	43	-8	NE	4	ogm	3	c	52	43	*	*	*	0.13
	Pembroke (St. Ann's)	29.82	52	W	5	3c	29.88	+21	48	47	-5	NNW	4	cg	4	3c	58	47	0.0	*	*	0.26
GERMANY, &c.	Scilly (St. Mary's)	29.91	52	NNW	4	c	29.95	-01	53	50	-1	WNW	5	c	4	opm	56	50	0.1	*	*	0.02
	Jersey (St. Aubins)	30.03	54	WSW	6	cp	29.99	-09	51	48	-4	W	3	opm	3	3c	56	50	1.2	*	*	0.16
	Portland Bill	29.87	53	WSW	6	cp	29.94	-01	51	49	-2	WNW	4	3c	4	3c	54	50	*	*	*	0.02
	Dungeness	29.81	53	W	6	op	29.90	-01	44	43	-7	WNW	2	c	3	3c	55	42	*	*	*	0.01
	Wick	29.76	34	N	4	3c	30.07	+49	35	34	-2	N	3	3c	4	3c	39	31	*	*	*	0.06
	Nairn	29.81	37	N	2	c	30.12	+54	35	33	-4	NW	1	c	1	c	39	31	*	*	*	0.05
	Aberdeen	29.77	34	N	3	cs	30.07	+55	33	31	-6	N	3	c	3	cp	39	31	0.0	*	*	0.10
	Leith	29.73	40	WNW	2	0	30.06	+59	35	32	-13	NNE	3	3	*	0	50	32	*	*	*	0.26
	North Shields	29.79	43	N	3	7	29.99	+45	40	38	-12	NNE	3	0	3	c	53	38	*	*	*	0.19
	Spurn Head	29.66	48	WNW	5	c	29.95	+29	41	40	-9	NNE	3	r	3	c	53	38	*	*	*	0.05
FRANCE.	Yarmouth	29.67	51	WNW	4	c	29.89	+15	44	42	-8	NE	5	c	4	0	54	41	*	*	*	0.11
	Loughborough	29.75	48	WNW	1	c	29.94	+19	41	40	-10	NE	3	ogm	*	op	55	41	*	*	*	0.15
	Oxford	29.83	48	WNW	3	0	29.92	+07	42	42	-9	WSW	1	c	*	op	53	42	*	*	*	0.05
	London (Brixton)	29.82	53	W	3	op	29.91	+03	44	41	-6	WNW	1	c	*	op	54	43	0.0	*	*	0.09
	The Scaw (Skagen)	29.45	37	NW	2	3	29.62	+01	33	30	-3	NW	3	3	1	3	37	32	*	*	*	0.08
	Fanö	29.54	35	N	2	3	29.80	+15	35	32	-3	NW	5	s	*	3	45	34	*	*	*	0.04
	Cuxhaven	29.49	48	WSW	6	7	29.81	+16	39	38	-3	NNW	5	s	*	7	48	37	*	*	*	0.39
	The Helder	30.02	51	W	4	0	29.86	+15	45	40	-5	N	2	c	3	0	52	45	*	*	*	0.12
	Brussels	*	*	*	*	*	29.89	-05	46	46	-1	WSW	1	0	*	7	53	46	*	*	*	0.20
	Berlin	29.59	47	SW	5	7	29.78	+02	41	39	+1	NW	2	c	*	7	50	40	*	*	*	0.39
SPAN. PEN.	Frankfurt	29.88	50	SW	4	0	29.86	-13	48	47	0	SW	2	r	*	0	52	48	*	*	*	0.04
	Munich	30.03	39	W	5	3	29.98	-15	43	40	0	SW	2	0	*	3	46	37	*	*	*	*
	C. Gris Nez	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Brest	30.06	54	WSW	5	0	30.02	-13	50	49	-5	WNW	3	c	3	0	55	48	*	*	*	0.04
	Lorient	30.10	52	W	5	c	30.10	-08	53	50	-1	WNW	4	0	4	c	55	46	*	*	*	*
	Rochefort	30.22	51	N	3	0	30.24	-06	52	50	+1	NW	4	0	*	0	55	46	*	*	*	*
	Biarritz	30.20	52	NNE	3	c	30.24	-07	51	50	+12	S	1	0	4	c	54	39	*	*	*	*
	Paris	30.02	50	SW	2	3	29.99	-14	48	46	+1	SW	3	0	*	3	57	46	*	*	*	*
	Belfort	30.07	45	WSW	3	0	30.02	-17	43	43	+3	WSW	4	f	*	0	49	40	*	*	*	*
	Lyons	30.17	43	NNW	1	3	30.14	-12	42	41	+1	ENE	1	0	*	3	52	41	*	*	*	*
SPAN. PEN.	Nice	29.99	51	E	1	c	29.93	-09	50	47	+7	Z	0	0	2	c	55	43	*	*	*	*
	Perpignan	30.09	51	N	3	0	30.06	-11	50	44	+2	NW	4	0	*	0	55	48	*	*	*	*
SPAN. PEN.	Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lisbon	30.15	51	N	2	0	30.16	-04	46	43	-4	NNE	4	0	*	0	61	45	*	*	*	*
SPAN. PEN.	Azores (P. Delgada)	29.97	63	E	4	0	29.93	-15	62	59	-1	NNE	3	r	2	0	66	61	*	*	*	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 Friday 22<sup>nd</sup> November, 1901.

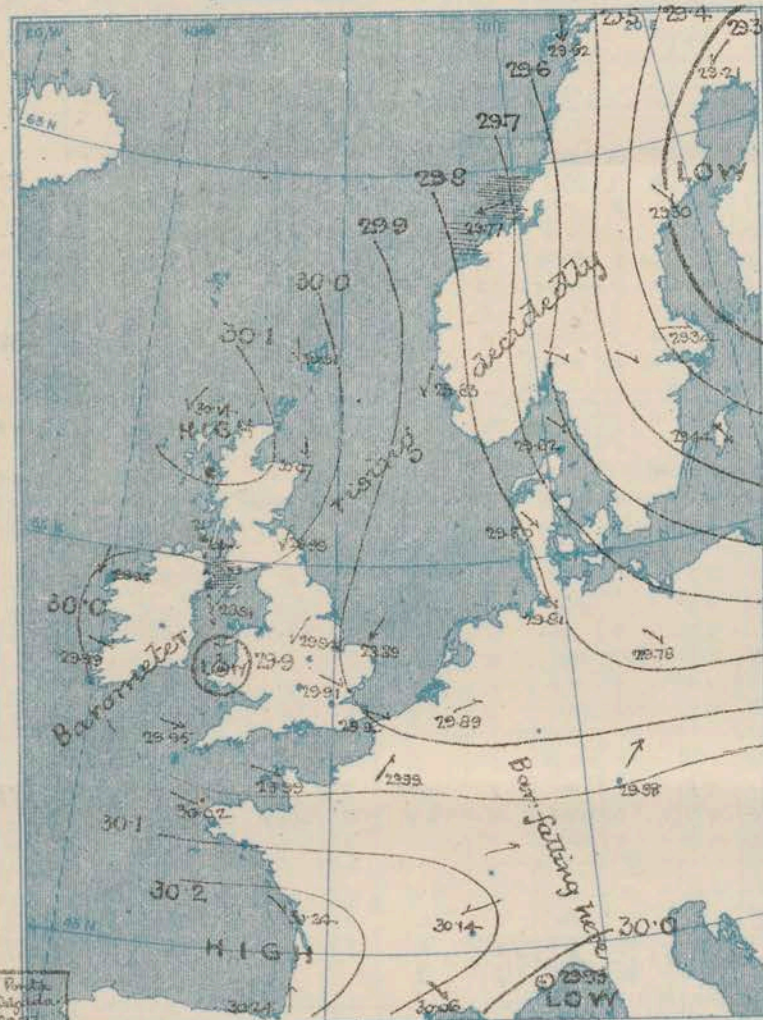
## I. BAROMETER, WIND AND SEA. This Morning.

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

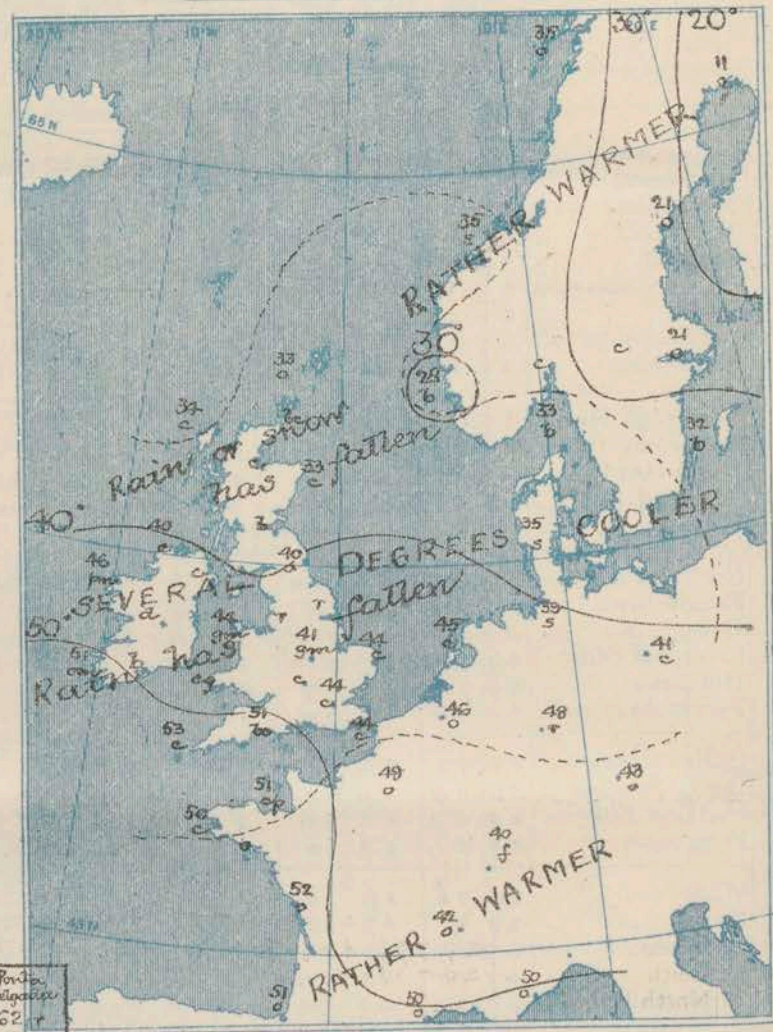


## II. TEMPERATURE AND WEATHER. This Morning.

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

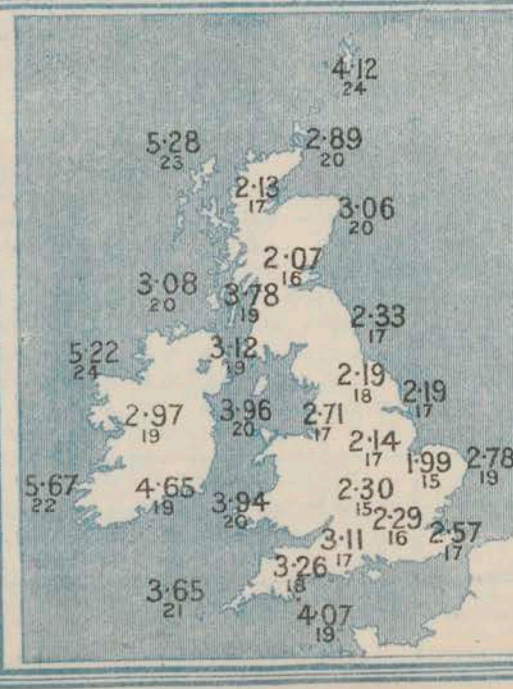
Yesterday morning.



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

Specimen { RAINFALL 2.33  
(for Shields) { RAIN DAYS 17

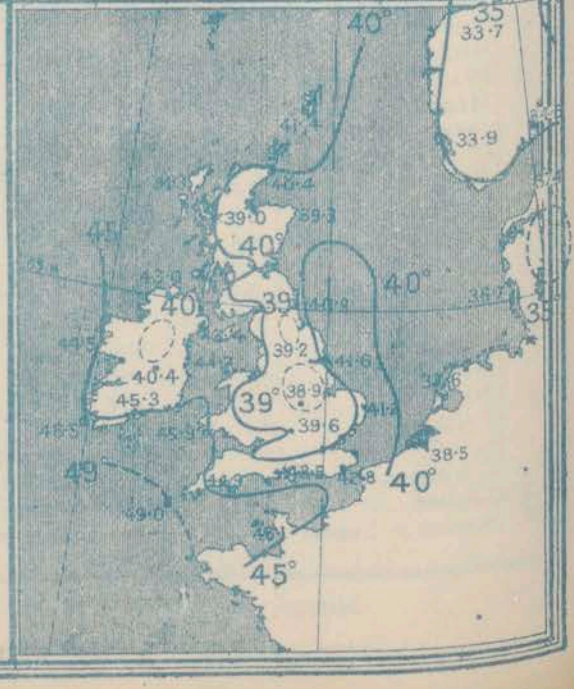
Malin Head & Blacksod Bay Mulllet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

December-November (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The barometer is still highest, 30.2 ins. and upwards, over the southwestern parts of France and the adjacent portions of the Bay of Biscay, but a second high pressure area in which readings are 30.1 ins. and upwards has appeared off the north of Scotland. Pressure is lowest, 29.3 ins. and less, off the Gulf of Bothnia, and is relatively low, 29.9 ins. and less, in a small shallow disturbance over Wales. The barometrical gradients are now slight generally. Pressure is giving way over the southeastern part of our area, increasing in most other regions. The wind has shifted to the N<sup>ly</sup> or NE<sup>ly</sup> in all our more northern districts, but remains W<sup>ly</sup> or WNW<sup>ly</sup> on our southern coasts and over the greater part of France. Over the countries lying to the eastward or northeastward of the North Sea, it is mainly NW<sup>ly</sup> and blows a gale at Wisby. Over our Islands and their immediate neighbourhood the wind is generally light or moderate, but blows freshly in a few exposed localities. Temperature has fallen in almost all parts of our area, but has risen quickly in the extreme southwest of France. The change has been very decided over northern and central England, and the readings are now below the normal over the greater part of our Islands. On our south and southwest coasts, however, they are still rather high. The weather is cloudy or dull over northwestern Europe as a whole, but fine and clear in some parts of Scandinavia, as well as a few isolated stations in our Islands. Rain is falling at Parsonstown, Liverpool, and Spurn Head, and snow at Christiansund, Farsø, and the mouth of the Elbe. The sea is rough off the west of Norway, and rather so at Donaghadee, moderate to smooth elsewhere. Sleet or snow has fallen very generally in Scotland, and rain over England and Ireland, but the amounts measured are not large. Snow or rain has also fallen at Christiansund, and in Denmark and Germany. Temperature rose during yesterday to between 53° and 56° in many parts of England and Ireland, but did not reach 40° in the north of Scotland. Frost prevailed in the latter country at night. Bright sunshine was again very deficient generally, but 4.2 hours were registered at Valencia.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The high pressure in the north will probably spread southwards over the Kingdom and increase in intensity, while the shallow cyclonic system over Wales is likely to disperse. N<sup>ly</sup> and NE<sup>ly</sup> winds are consequently probable over the United Kingdom, with low temperature. Snow or sleet may be expected in places, and fog at some of our inland stations.

## FORECASTS\*

For the 24 hours ending at NOON on 23<sup>rd</sup> November 1901

### DISTRICTS.

### FORECASTS.

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

N<sup>ly</sup> winds, light or moderate; cold, fair.

NE<sup>ly</sup> winds, moderate to light; cold, fair in many places, but some showers of cold rain or sleet. Fog at times inland.

### DISTRICTS.

### FORECASTS.

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


N<sup>ly</sup> or NE<sup>ly</sup> winds, light or moderate; cold, fair generally, but snow or sleet locally.


NW<sup>ly</sup> to N<sup>ly</sup> winds; colder, some rain, then improving.

N<sup>ly</sup> (NW to NE) winds, light or moderate; colder, fair generally, but 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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	51	42	0.0	0.09
Newton Reigny (Penrith)	29.70	43	W 3	7	30.00	+ .41	37	35	- 12	NE 2	08	*	0.8p	50	36	0.0	0.21	
Bath	29.83	48	W 1	0	29.92	+ .04	45	44	- 6	W 1	0	*	0	54	30	0.0	0.15	

## 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.	51	48	C	0.3	0.08	Worthing...	*	*	*	0.7	*
Birmingham, 9 p.m.	52	45	C	0.5	0.14	Llandudno	*	*	*	1.8	*
Lowestoft, 6 p.m.	53	48	C	0.0	0.12	Rhyl	*	*	*	2.5	*
Hastings	*	*	*	1.9	*	Southport, 9 p.m.	52	49	0	1.9	0.03
Eastbourne	*	*	*	1.8	*	Manchester, 9 p.m.	53	48	0r	1.0	0.22
Brighton	*	*	*	1.5	*	Darwen, 9 p.m.	50	46	0q	0.0	0.20

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) Nov. 21	—	—	—	Ins.	Algiers ... Nov. 21.	66	54	0, 0	Ins.
Madrid	—	—	—	—	Tunis...	64	48	C, 0	—
Corsica (I. Sanguinaires)	64	52	m, m	—	Vienna	48	32	0, 0	—
Rome	57	40	0, C	—	St. Petersburg...	32	16	0, 0	—
Florence	53	38	b, d	—	Lugano ... Nov. 20.	48	—	0	Measured 7 a.m. 20
Trieste	52	43	0, C	—	Davos	32	—	0	0.04
Brindisi	—	—	—	—	Lucerne	43	—	b	—
Naples	59	46	b, b	—	Lausanne	41	—	bc	—
Palermo	68	47	0, 0	—					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

Nov. 22 <sup>nd</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	7.28	11.39	3.50
Greenwich ...	7.31	11.46	4.1
Wick ...	8.18	11.58	3.38
Valencia ...	8.14	12.27	4.40

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 *Saturday, 23<sup>rd</sup> November, 1901.*

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.				
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fabr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.	Sun- shine. Hours	Rainfall. Ins.		
																				Ins.	Ins.
SCANDINAVIA.	Haparanda ...	29.65	17	N	4	T	29.68	+ .47	14	14	+ 2	W	2	0	T	18	- 6				
	Hernösand ...	29.76	30	W	2	B	29.92	+ .62	27	24	+ 6	Z	0	B	B	32	16				
	Stockholm ...	29.76	24	WNW	2	S	30.05	+ .71	24	23	+ 3	NW	4	B	S	25	19		0.04		
	Wisby ...	29.72	39	N	9	T	30.07	+ .63	34	34	+ 2	N	8	0	T	41	25				
	Karlstad ...	29.92	28	NW	2	B	30.21	+ .73	25	22	0	NW	2	Bc	B						
	Färder (X'ania Fjord) ...	30.02	37	NNW	5	B	30.26	+ .69	35	29	+ 2	W	2	B	1	B	39	30			
	Bodö ...	29.81	35	N	4	0	29.73	+ .21	33	32	- 2	WNW	6	S	3	0	35	28			
	Christiansund ...	30.12	33	ENE	5	S	30.20	+ .43	37	34	+ 2	WNW	7	S	6	S	37	32		0.08	
	Skudesnaes ...	30.16	32	NNE	4	B	30.46	+ .63	32	32	+ 4	N	2	S	3	B	32	28			
	Sumburgh Head ...	30.25	35	N	2	B	30.42	+ .41	38	34	+ 5	NW	1	C	4	C, B	38	32			
BRITISH ISLANDS.	Stornoway ...	30.34	37	E	2	0	30.46	+ .32	33	32	- 1	Z	0	C	2	0, hp, 0	40	27	0.1		
	Malin Head ...	30.24	40	E	4	Bc	30.48	+ .42	35	33	- 5	SE	3	C	2	Bc	40	34			
	Blackod Pt. ...	30.22	42	ENE	4	C	30.42	+ .46	40	37	- 6	SE	4	B	3	C	46	37		0.01	
	Valencia ...	30.14	49	NE	2	0	30.36	+ .27	45	42	- 6	E	4	C	4	C, 0	52	44	1.2	0.02	
	Roche's Point ...	30.13	47	ESE	3	d	30.43	+ .45	44	41	- 2	SE	4	B	3	Bc, d	54	42		0.02	
	Parsonstown ...	30.19	41	E	1	C	30.43	+ .49	40	38	- 6	ESE	1	0		0, C	46	31	0.0	0.03	
	Donaghadee ...	30.23	42	ESE	4	Bc	30.49	+ .50	42	37	0	SSE	3	Bc	4	Bc	42	40			
	Liverpool Obsy. ...	30.22	39	NE	3	0	30.51	+ .57	35	33	- 4	NE	1	m	9	0, m, p	42	33		0.03	
	Holyhead ...	30.16	42	ENE	4	em	30.48	+ .57	38	36	- 6	E	2	Bm	1	C, m	44	36			
	Pembroke (St. Ann's) ...	30.07	46	ENE	5	0	30.40	+ .52	36	34	- 12	ENE	6	Bc	4	0	52	35	1.8	0.02	
GERMANY, &c.	Scilly (St. Mary's) ...	30.04	51	NNW	4	cp	30.28	+ .33	48	46	- 5	E	6	0	3	C, p	55	45	6.7		
	Jersey (St. Aubins) ...	30.02	52	WNW	3	dep	30.32	+ .33	45	41	- 6	E	5	Bc	4	C, p	55	44	2.5	0.24	
	Portland Bill ...	30.06	43	NE	4	0 m	30.37	+ .43	37	36	- 14	ENE	4	Bc	4	Bc, m	51	37		0.12	
	Dungeness ...	30.05	43	NE	4	T	30.38	+ .48	43	41	- 1	ENE	5	C	4	0, T	49	40		0.18	
	Wick ...	30.31	27	Z	0	B	30.47	+ .40	25	24	- 10	Z	0	B	3	Bc	39	23			
	Nairn ...	30.35	33	N	1	C	30.51	+ .39	26	25	- 9	W	1	B	1	C	38	24			
	Aberdeen ...	30.31	33	NW	2	Bc	30.52	+ .43	28	28	- 5	W	1	Bm	2	B, Bc	37	28	5.3		
	Leith ...	30.25	38	NNE	3	Bc	30.52	+ .46	33	32	- 2	NNW	1	0 m		Bc	40	30			
	North Shields ...	30.23	41	NE	3	C	30.49	+ .50	36	35	- 4	Z	0	m	4	hp, c, r, sp	43	32		0.03	
	Spurn Head ...	30.18	39	NNE	4	B	30.46	+ .51	39	39	- 2	N	3	Bc	3	B	45	38		0.01	
FRANCE.	Yarmouth ...	30.07	42	NE	5	C	30.38	+ .49	43	40	- 1	NE	4	Bc	4	C	44	39		0.03	
	Loughborough ...	30.19	38	NE	2	B	30.50	+ .56	24	24	- 17	WNW	1	Bm		0, p, c, Bm	42	23		0.06	
	Oxford ...	30.21	39	NE	2	Bc	30.47	+ .55	30	28	- 12	NE	3	B		C, d, Bc	44	28		0.05	
	London (Brixton) ...	30.12	41	NNE	3	0	30.44	+ .53	32	31	- 12	ENE	1	Bf		0, g, b	46	32	0.0	0.18	
	The Scaw (Skagen) ...	30.12	34	NNW	5	Bc	30.30	+ .68	38	33	+ 5	N	2	B	0	Bc	41	33			
	Fanö ...	30.18	31	NW	2	B	30.36	+ .56	27	26	- 8	NNW	1	B		B	39	27			
	Cuxhaven ...	30.03	39	N	2	B	30.36	+ .55	38	35	- 1	NE	2	B		B	41	36		0.12	
	The Helder ...	30.09	41	NNE	2	C	30.37	+ .51	36	34	- 9	S	1	B	1	C	45	36		0.04	
	Brussels ...						30.39	+ .50	30	29	- 16	NE	1	B		C	48	29		0.20	
	Berlin ...	29.98	36	WNW	2	B	30.25	+ .49	30	28	- 11	WNW	2	B		B	41	28			
SPAN. PEN.	Frankfurt ...	30.03	40	N	4	0	30.28	+ .42	33	31	- 15	NNE	4	B		0	48	32		0.12	
	Munich ...	29.98	43	SW	5	T	30.10	+ .12	50	30	- 13	NW	5	S		T	50	30			
	C. Gris Nez ...	30.10	43	E	5	T	30.37	+ .48	35	33	- 14	E	2	0	3	T	54	34		0.16	
	Brest ...	30.04	50	N	3	C	30.23	+ .21	47	46	- 3	NE	1	Bc	2	C	54	46			
	Lorient ...	9	53	NNW	2	Bc	30.23	+ .13	46	45	- 7	ENE	4	0	4	Bc	61	45			
	Rochefort ...	30.15	50	NW	3	T	30.22	- .02	46	46	- 6	NE	3	f		T	54	45		0.24	
	Biarritz ...	30.19	52	W	3	Bc	30.17	- .07	55	53	+ 4	W	4	0	4	B	55	46			
	Paris ...	30.02	46	NW	1	C	30.26	+ .27	34	33	- 14	NNE	3	B		C	55	34		0.20	
	Belfort ...	29.99	43	WSW	4	T	30.08	+ .06	36	35	- 7	NE	2	0		T	48	35		0.12	
	Lyons† ...	30.10	46	SSE	1	0	30.08	- .06	44	42	+ 2	?	1	T		0	50	42			
SPAN. PEN.	Nice ...	29.89	51	Z	0	0	29.84	- .09	46	44	- 4	E	1	C	2	0	55	45			
	Pépignan ...	30.10	52	NW	3	B	30.06	0	51	46	+ 1	NW	2	0		B	58	49			
SPAN. PEN.	Corunna ...																				
	Lisbon ...	30.11	54	NNE	3	C	30.12	- .04	49	46	+ 3	NNE	4	B		C	54	48			
SPAN. PEN.	Azores (P. Delgada) ...	30.00	61	NE	2	T	30.05	+ .12	61	59	- 1	NNE	3	0	3	T	66	61		0.39	

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

\* Observations for this column not generally received.

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





FOR Saturday 23<sup>rd</sup> November, 1901.

**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  $\rightarrow \rightarrow \rightarrow$  :  
Force 8 to 10  $\rightarrow \rightarrow \rightarrow$  :      Force 1 to 4  $\rightarrow \rightarrow \rightarrow$  : } Calm ☉

SEA.—Rough  : High 



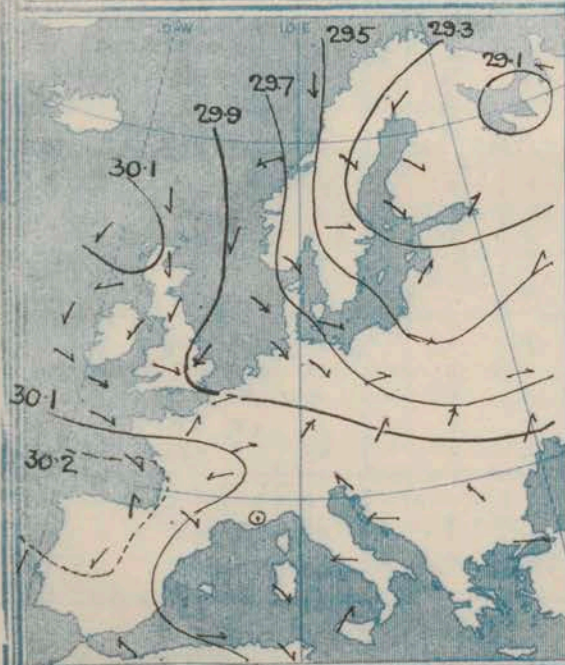
**TEMPERATURE.**—Isotherms are drawn for each 10°.

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

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

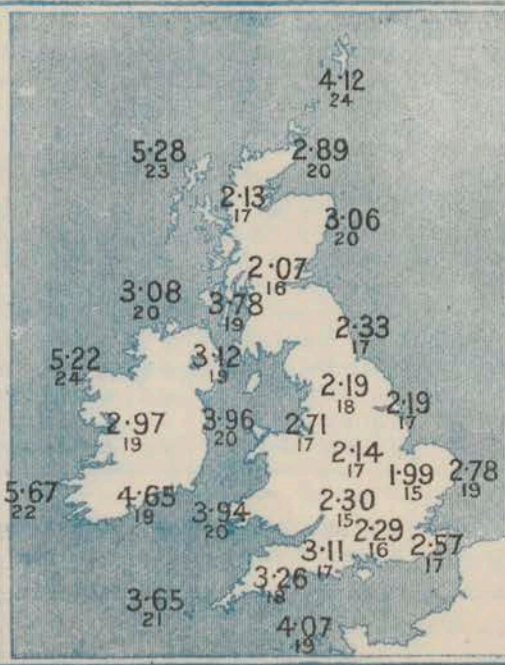


*Yesterday morning.*



Specimen (for Shields) { RAINFALL 2.33  
RAIN DAYS 17  
Main Head & Blacksoak & Belmullet Values are for only 15 Yrs

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



at 8 am. for the Two monthly period  
December-November (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Pressure is now highest, 30.5 ins. and upwards, in the centre of an anticyclone lying over the greater part of Scotland, and northern and central England, and above 30.4 ins. over the North Sea and nearly all other parts of the United Kingdom. The lowest readings are found over the north of Scandinavia and Lapland, where the barometer ranges from 29.9 ins. to 29.7 ins. and less. In the last named regions gradients are moderate, but elsewhere they are slight. Pressure is still increasing in most places.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind continues E<sup>ly</sup> or NE<sup>ly</sup> in the southern parts of our Islands and the Channel and is SE<sup>ly</sup> in Ireland, while it has become W<sup>ly</sup> in the north of Scotland. Over Scandinavia it is mainly NW<sup>ly</sup>, and between that point and north over Denmark and Germany. In force it is generally, light or moderate, but blows freshly or strongly over some parts of our southwest coasts and a gale at Hissby. Temperature has fallen quickly over our Islands, Germany, and France and is several degrees below the normal over the major portion of Great Britain. Over our inland districts the readings range between 23° and 30°, but at Valencia and Jersey the thermometer stands at 45°, and at Scilly at 48°. At the continental stations the readings range from 55° at Biarritz, to about 30° over Germany, and to 14° at Haparanda. The weather is fine and dry over our Islands, but hazy in places, and rather foggy in London. It is also fine in most other parts of our area, but snow is falling along the western coast of Norway as well as at Munich. The sea is rough at Christiansund, moderate to smooth elsewhere. Cold rain was experienced in most English and Irish districts yesterday, and snow at Stockholm. Rain also occurred in some parts of France. The highest of the maximum temperatures recorded in our Islands yesterday was 55°, which occurred at Scilly and Jersey; at the majority of our stations the thermometer showed maxima below 45°, and those in Scotland were nearly all below 40°. Bright sunshine was again almost wholly confined to our southwestern coasts, that recorded at Scilly being 6 hours.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably continue to extend in size, and to increase in height, so that light variable airs are likely to become more general over the United Kingdom, with continued low temperature and fog and haze in many places.

## FORECASTS\*

For the 24 hours ending at NOON on 24<sup>th</sup> November 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	Light airs, chiefly from the W <sup>d</sup> ; fine generally, but misty in places. Frosty.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Light Variable airs and Calms; fair generally, but fog in places. Frosty.
3	{ ENGLAND EAST	Same as N° 5.
4	{ MIDLAND COUNTIES	Same as N° 2.
5	{ ENGLAND SOUTH	Light E <sup>ly</sup> airs; fine in some places, misty or foggy in others. Frost inland.

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as N° 2.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	E <sup>ly</sup> winds, light or moderate; fair generally. Cold.
9	{ IRELAND NORTH	E <sup>ly</sup> or SE <sup>ly</sup> winds, light; fair generally. Frosty and some fog inland.
10	{ IRELAND SOUTH	E <sup>ly</sup> winds, light or moderate; fair generally. Frosty and some fog inland.

### WARNINGS

NONE ISSUED

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

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



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.						PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*	*	*	*	b	*	oc	45 35	0.0	0.19
Newton Reigny (Penrith)	30.23	37	ENE 2	bc	30.54 + .54	23	21	- 14	20	b	*	oc, b	39 22	3.8	-
Bath	30.03	38	NE 3	bc	30.42 + .50	32	30	- 13	NE 2.	b	*	bc	50 30	0.0	0.08

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	40	34	c	0.9	0.26	Worthing	*	*	*	0.3	*
Birmingham, 9 p.m.	46	36	b	0.0	0.24	Llandudno	*	*	*	0.0	*
Lowestoft, 6 p.m.	43	39	c	0.0	0.01	Rhyl	*	*	*	0.5	*
Hastings	*	*	*	0.9	*	Southport, 9 p.m.	50	32	b	0.0	0.24
Eastbourne	*	*	*	0.8	*	Manchester, 9 p.m.	50	35	b	0.0	0.30
Brighton	*	*	*	0.8	*	Darwen, 9 p.m.	47	31	br	0.0	0.20

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) NOV. 22 <sup>nd</sup>	72	61	c, c	Ins.	Algiers ... NOV. 22 <sup>nd</sup>	66	54	c, r	? 0.08
Madrid	50	28	b, b	—	Tunis	63	46	bc, o	—
Corsica (I. Sanguinaires)	66	54	m, m	—	Vienna	54	43	b, c	—
Rome	58	38	b, o	—	St. Petersburg	28	18	c, c	—
Florence	49	44	o, o	—	Lugano ... NOV. 21	45	—	f	Measured 47 7 a.m. 21 <sup>st</sup>
Trieste	50	41	bc, o	—	Davos	28	—	b	—
Brindisi	—	—	—	—	Lucerne	48	—	o	—
Naples	61	52	b, o	—	Lausanne	45	—	c	—
Palermo	68	43	c, 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.

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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.

	Nov. 23 <sup>rd</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.29	11.39	3.49	
Greenwich	7.32	11.46	4.0	
Wick	8.20	11.58	3.36	
Valencia	8.15	12.27	4.39	

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 24<sup>th</sup> November 1901.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
	Barom.	Temp.	Wind.				Baromet.	Temperature.	Wind.								Temp.			
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12)	Weather.		At 32° Fabr. 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)		Max.	Min.	Sun- shine. Hours	Rainfall. Ins.
	Ins.						Ins.	Ins.	°	°										
SCANDINAVIA.	Haparanda ...	29.75	13	N	4	b	30.04	+3.6	10	9	-4	NNW	2	bc		b	19	15		—
	Hernösand ...	29.99	34	Z	0	b	30.25	+3.3	15	13	-12	Z	0	b		b	36	?		—
	Stockholm ...	30.18	28	Z	0	b	30.28	+2.3	28	25	+4	NW	2	b		b	30	21		—
	Wisby ...	30.14	34	NW	6	b	30.24	+2.0	36	33	+2	N	3	bc		b	43	28		—
	Karlstad ...	30.28	26	Z	0	bc	30.33	+1.2	28	26	+3	NW	2	b		bc				—
	Færder (X'ania Fjord) ...	30.29	38	W	2	o	30.38	+1.2	39	34	+4	W	2	bc		o	39	34		—
	Bodö ...	29.94	23	NNW	6	s	30.11	+3.8	31	28	-2	W	4	c	3	s	34	25		—
	Christiansund ...	30.28	?	WSW	5	+	30.30	+1.0	39	36	+2	SW	4	+	5	+	39	34		0.20
	Skudesnaes ...	30.45	38	N	2	c	30.44	-0.2	36	36	+4	NNE	2	c	2	c	38	28		
	Sumburgh Head ...	30.43	39	NW	1	o	30.34	-0.8	43	39	+5	WSW	3	o	3	o	43	36		—
BRITISH ISLANDS.	Stornoway ...	30.44	41	SSW	3	o	30.30	-1.6	39	38	+6	SW	7	o	7	o	45	32	0.1	—
	Malin Head ...	30.44	34	S	2	bc	30.36	-1.2	41	41	+6	SSW	5	bc	3	bc	42	34		—
	Blacksod Pt. ...	30.45	42	SE	4	b	30.36	-0.6	48	46	+8	SSW	5	nm	5	b	48	40		0.01
	Valencia ...	30.44	43	ESE	3	b	30.42	+0.6	50	48	+5	SSE	3	og	4	b	50	41	6.0	—
	Roche's Point ...	30.48	46	E	4	c	30.53	+1.0	50	45	+6	S	5	bc	4	c	50	44		—
	Parsonstown ...	30.49	35	E	1	b	30.46	+0.3	41	40	+1	SE	1	c		b	44	29	5.9	—
	Donaghadee ...	30.53	40	SW	1	bc	30.49	0.0	43	41	+1	SSW	2	o	2	bc	48	34		—
	Liverpool Obsy. ...	30.59	37	NE	1	m	30.61	+1.0	31	29	-2	ESE	2	b	7	mf	41	30		—
	Holyhead ...	30.55	38	E	1	b	30.56	+0.8	41	34	+3	S	2	b	1	b	42	33		—
	Pembroke (St. Ann's) ...	30.50	41	ENE	4	b	30.56	+1.6	43	39	+7	E	4	b	4	b	46	34	6.4	—
GERMANY, &c.	Scilly (St. Mary's) ...	30.40	49	E	4	c	30.50	+2.2	44	44	-1	NNE	1	c	1	c	51	43	0.4	—
	Jersey (St. Aubins) ...	30.44	45	ENE	4	btm	30.54	+2.5	35	32	-10	NE	2	bc	2	bc	44	32	7.3	—
	Portland Bill ...	30.52	41	ENE	3	b	30.58	+2.1	37	36	0	NE	3	b	3	b	46	36		—
	Dungeness ...	30.49	40	N	3	cp	30.53	+2.0	40	38	-3	ESE	2	b	2	cp	46	33		0.19
	Wick ...	30.45	35	NW	1	c	30.34	-1.0	34	33	+9	S	1	b	1	c	40	24		—
	Nairn ...	30.54	31	W	1	b	30.42	-0.9	32	31	+6	W	1	b	1	b	39	24		—
	Aberdeen ...	30.54	30	W	1	b	30.49	-0.3	30	29	+2	SW	1	bm	1	b	36	24	5.4	—
	Leith ...	30.55	33	NNW	1	f	30.50	-0.2	33	32	0	Z	0	b		f	34	24		—
	North Shields ...	30.54	39	WNW	1	bc	30.54	+0.8	30	29	-6	SW	1	m		cm, bc	41	28		—
	Spurn Head ...	30.55	40	NE	1	bc	30.58	+1.2	36	36	-3	WNW	3	bcw	3	bc	44	35		—
FRANCE.	Yarmouth ...	30.48	43	ENE	6	bc	30.56	+1.8	41	39	-2	N	3	c	4	bc, stb	46	38		0.04
	Loughborough ...	30.58	29	WNW	1	b	30.65	+1.5	24	24	0	Z	0	of		cm, b, f	41	23		—
	Oxford ...	30.60	31	NNE	2	b	30.65	+1.8	24	24	-6	N	2	b		b	46	23		—
	London (Brixton) ...	30.56	39	NE	1	b	30.64	+2.0	25	24	-4	Z	0	f		b	44	24	0.3	—
	The Scaw (Skagen) ...	30.34	36	NW	1	b	30.39	+0.9	37	35	-1	NNW	1	b	0	b	41	36		—
	Fanö ...	30.48	34	W	2	b	30.50	+1.4	36	35	+9	NW	1	c		b	39	24		—
	Cuxhaven ...	30.01	35	N	1	b	30.52	+1.6	38	34	0	W	1	o		b	?	32		—
	The Helder ...																			—
	Brussels ...						30.60	+2.1	25	25	-5	Z	0	b		b	34	24		—
	Berlin ...	30.45	33	WNW	2	b	30.51	+2.6	30	29	0	Z	0	c		b	34	24		—
SPAN. PEN.	Frankfurt ...	30.44	32	NE	4	b	30.54	+2.6	24	26	-6	NE	3	b		b	39	24		—
	Munich ...	30.32	26	NE	5	o	30.36	+2.6	19	19	-11	E	5	c		o	30	18		0.16
	C. Gris Nez ...	30.48	34	E	2	bc	30.56	+1.9	33	32	-2	E	2	bc	2	bc	46	32		—
	Brest ...	30.43	41	ENE	2	b	?	?	34	36	-10	E	2	bc	2	b	52	36		—
	Lorient ...	30.39	45	ENE	5	bc	30.54	+2.1	35	32	-11	ENE	3	bc	3	bc	54	35		—
	Rochefort ...	30.35	41	ENE	4	b	30.50	+2.8	32	32	-14	ENE	4	b		b	49	30		—
	Biarritz ...	30.20	52	NNW	4	c	30.39	+2.2	34	32	-21	ENE	1	b	3	c	55	32		—
	Paris ...	30.42	35	NNE	2	b	30.50	+2.4	24	26	-4	NNE	2	b		b	42	26		—
	Belfort ...	30.26	30	NE	7	bc	30.31	+2.3	28	24	-10	NE	4	b		bc	36	26		—
	Lyons ...	30.14	34	NNW	4	o	30.26	+1.8	28	25	-16	NW	2	o		o	44	24		—
SPAN. PEN.	Nice ...	29.82	53	Z	0	c	29.91	+0.4	45	44	-1	E	2	+	2	c	59	43		0.20
	Perpignan ...	30.04	50	W	4	b	30.12	+0.6	41	36	-10	NW	5	b		b	51	41		—
	Corunna ...	30.20	55	NE	3	bc	30.33		50	47		NE	3	o	3	bc	54	43		—
SPAN. PEN.	Lisbon ...	30.08	53	NNE	4	bc	30.10	-0.2	48	44	-1	NNE	5	b		b	54	46		—
	Azores (P. Delgada) ...	30.12	60	NNE	4	b	30.04	-0.1	62	59	+1	E	4	c	5	b	70	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 Sunday 24<sup>th</sup> November, 1901.

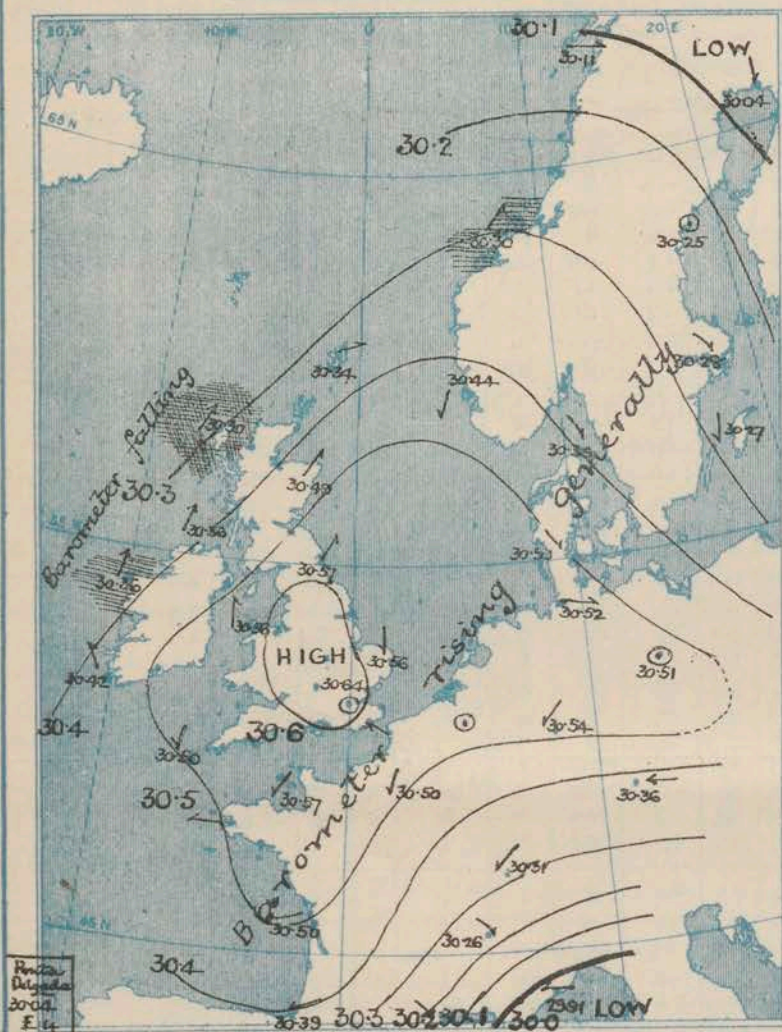
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

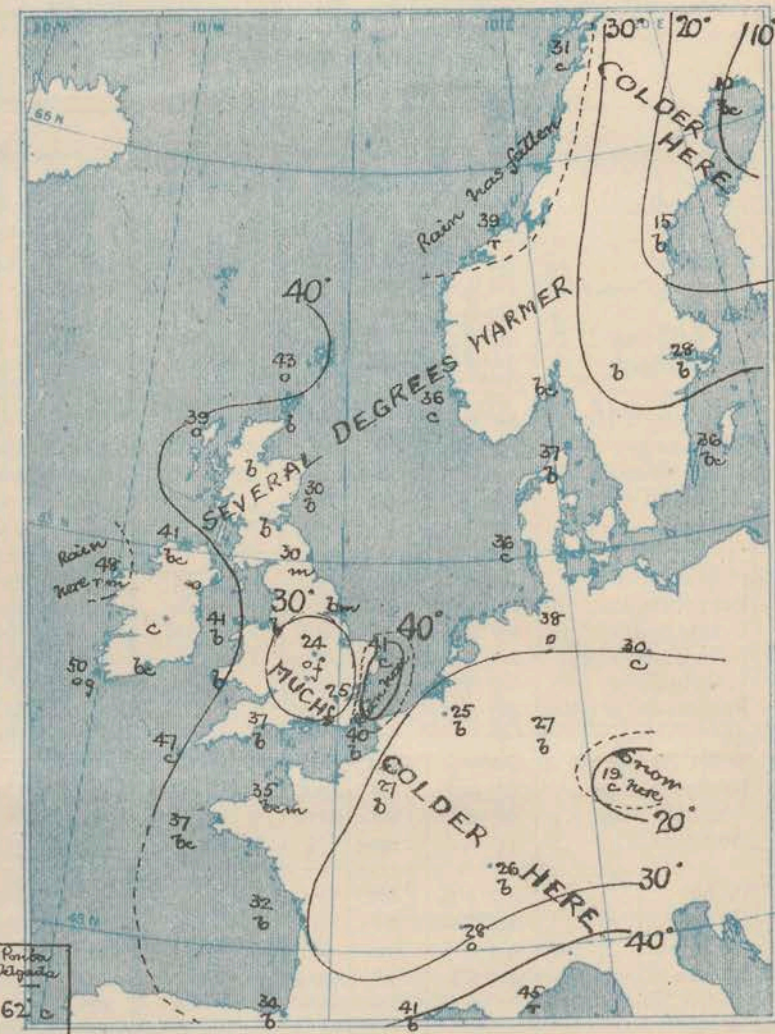


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

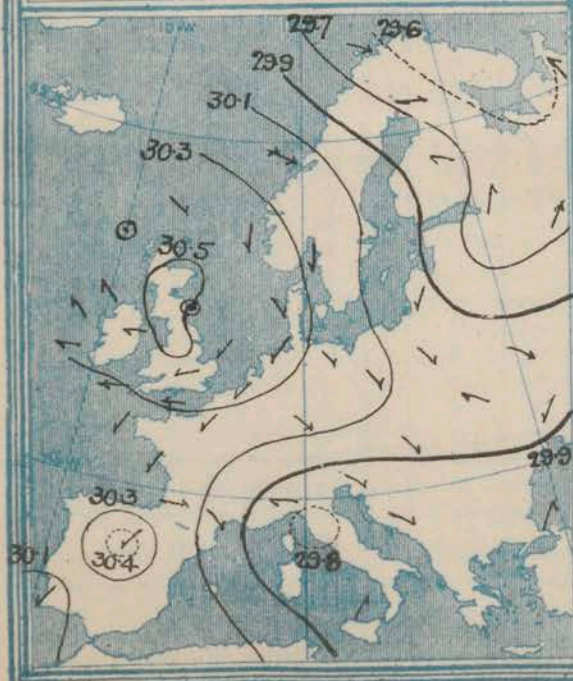
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

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

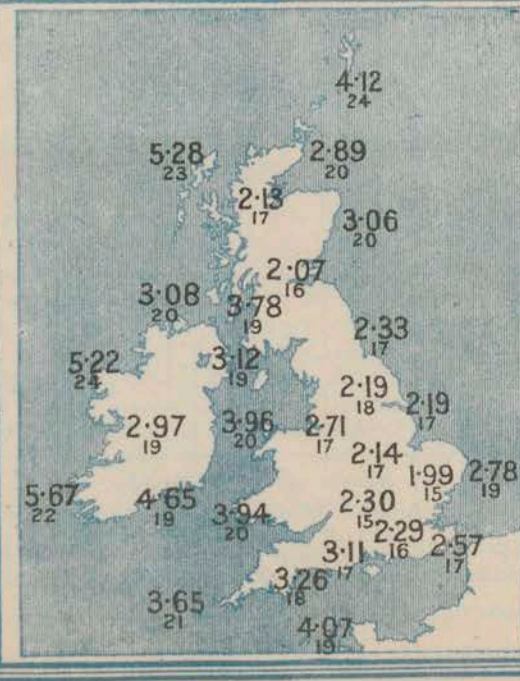
Yesterday morning.



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

Specimen { RAINFALL 2.33  
(for Shields) { RAIN DAYS 17

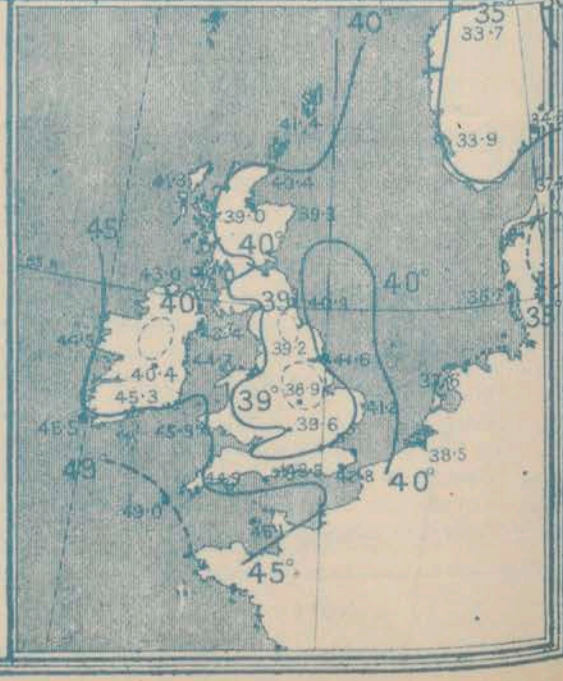
Mabin Head & Blacksod & Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

December-November (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Barometric pressure is highest, 30.5 ins. to 30.6 ins., and above, in an anticyclone lying over England, the north of France, the North Sea, Germany, and the Netherlands, and lowest 30.1 ins. and less both in the extreme north of Scandinavia, and the extreme southeast of France. The barometer is still rising in most parts of western and northwestern Europe, but is falling somewhat over the northern and northwestern coasts.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind has backed to the southwestward over Ireland and Scotland and increased in force, but in most English districts and in France it is light from the E. wind, while over Scandinavia it is chiefly NW<sup>y</sup> or N<sup>y</sup>. Temperature has risen decidedly in the west and north of our Islands, but fallen in the southeast and over France. The readings are still much below the mean except in Ireland; the lowest reported in our Islands is 23° at Bath. The weather is fine and bright over the major portion of our area, but fog prevails over central England, and rain has set in in the northwest of Ireland; rain is also falling at Nice. In Norway the sky is cloudy, and at Christiansund rain is falling. The sea is high at Stornoway, rather rough off the west of Norway and at Blacksod Point, moderate to smooth elsewhere. Scarcely any rain has fallen over our area as a whole, but some amounts have been measured at a few isolated stations and snow has been experienced at Munich. The highest temperatures recorded in our Islands yesterday were 51° at Scilly, and 50° in the west of Ireland. In most parts of Scotland the thermometer did not register 40°. A considerable amount of bright sunshine was recorded on our southern and southwestern coasts, but very little in the extreme north and west.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS \*

For the 24 hours ending at NOON on 25<sup>th</sup> November 1901

### DISTRICTS.

### FORECASTS.

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

ISSUED  
NONE

### DISTRICTS.

### FORECASTS.

- 67 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 97 { IRELAND NORTH
- 10 { IRELAND SOUTH

ISSUED  
NONE

### WARNINGS

The South Cone has been hoisted this morning in district 6 and parts of Nos 0 and 9.

*Note.*—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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, bc	41	34	5.2	0.06
Newton Reigny (Penrith)	30.59	30	Z. 0	b	30.60	+0.6	26	25	+3	SE. 1	b	*	b	41	21	4.5	-
Bath	30.58	36	N. 1	m	30.63	+2.1	23	23	-9	N. 1	f	*	m, f	43	21	7.4	-

## 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.	41	28	c, b	6.7	-	Worthing	*	*	*	6.5	*
Birmingham, 9 p.m.	42	30	o, b	0.1	-	Llandudno	*	*	*	6.3	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	*	*
Hastings	*	*	*	*	*	Southport, 9 p.m.	41	27	b, m	4.4	-
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	42	27	b, bc, m	0.0	-
Brighton	*	*	*	*	*	Darwen, 9 p.m.	41	27	cf, b, m	2.9	-

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>NOV. 23<sup>rd</sup></i>	72	57	r, c	Ins.	Algiers <i>NOV. 23<sup>rd</sup></i>	63	52	c, c	Ins.
Madrid	50	27	o, b	-	Tunis	59	48	r, o	0.39
Corsica (I. Sanguinaires)	64	54	m, f	0.04	Vienna	52	37	o, r	?
Rome	53	46	o, o	-	St. Petersburg	-	-	-	-
Florence	54	48	o, r	?	Lugano <i>NOV. 22<sup>nd</sup></i>	46	-	b	<i>Measured 7 a.m. 22<sup>nd</sup></i>
Trieste	54	46	o, o	-	Davos	34	-	b	-
Brindisi	62	40	o, o	-	Lucerne	46	-	o	-
Naples	61	43	o, o	-	Lausanne	50	-	c	-
Palermo	66	45	o, f	-					

## 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.

<i>NOV. 24<sup>th</sup> 1901.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.31	11.40	3.48
Greenwich	7.34	11.47	3.59
Wick	8.22	11.59	3.35
Valencia	8.17	12.28	4.38

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



# DAILY WEATHER REPORT

for 8 a.m. on *Monday, 25<sup>th</sup> November, 1901.*

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
	Barom.	Temp.	Wind.				Barometer.	Temperature.				Wind.					Time.				
	At 23° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Weather.	Max.	Min.	Sunshine.	Rainfall.
	Ins.						Ins.	Ins.										Hours.			Ins.
SCANDINAVIA.	Haparanda ...	30.04	14	SE	2	0	29.48	-56	35	33	+25	W	2	0	0	0	0	9	9	0	0.16
	Hernösand ...	30.10	30	Z	0	0	29.80	-45	31	31	+16	Z	0	0	0	0	0	34	14	0	0
	Stockholm ...	30.48	23	Z	0	0	30.13	-15	32	30	+4	WSW	4	0	0	0	0	32	21	0	0
	Wisby ...	30.47	35	N	2	0	30.32	+05	35	33	-1	WSW	6	0	0	0	0	41	30	0	0
	Karlstad ...	30.43	23	NW	2	0	30.13	-20	33	32	+5	SW	2	0	0	0	0	41	30	0	0
	Färder (X'ania Fjord) ...	30.41	41	SW	2	0	30.17	-21	43	41	+4	SW	6	0	0	0	0	43	36	0	0
	Bodö ...	29.72	36	SW	4	0	29.41	-70	43	42	+12	WSW	6	0	0	0	0	43	28	0	1.50
	Christiansund ...	30.15	42	WSW	4	0	29.96	-34	44	41	+5	WSW	9	0	0	0	0	45	37	0	0.04
	Skudesnaes ...	30.44	42	SW	2	0	30.33	-11	46	43	+10	NW	4	0	0	0	0	46	36	0	0
	Sumburgh Head ...	30.25	42	S	2	0	30.35	+01	46	42	+3	WNW	3	0	0	0	0	47	40	0	0.01
BRITISH ISLANDS.	Stornoway ...	30.26	48	W	4	0	30.45	+15	42	40	+3	WNW	2	0	0	0	0	49	39	0.0	0.02
	Malin Head ...	30.46	46	SSW	5	0	30.58	+22	46	46	+5	SSW	2	0	0	0	0	46	41	0	0
	Blacksod Pt. ...	30.43	50	SSW	5	0	30.56	+20	49	47	+1	SW	4	0	0	0	0	50	48	0	0.54
	Valencia ...	30.50	47	SSE	2	0	30.60	+18	45	42	-5	SE	2	0	0	0	0	50	45	0.0	0.26
	Roche's Point ...	30.54	50	SSW	4	0	30.64	+11	39	37	-11	N	1	0	0	0	0	51	37	0	0
	Parsonstown ...	30.50	44	SE	1	0	30.61	+15	40	38	-1	SE	1	0	0	0	0	48	40	2.1	0
	Donaghadee ...	30.49	45	SW	1	0	30.58	+09	41	41	-2	SW	1	0	0	0	0	50	41	0	0
	Liverpool Obsy. ...	30.60	36	ESE	1	0	30.64	+03	33	31	+2	ESE	1	0	0	0	0	50	30	0	0
	Holyhead ...	30.56	44	S	1	0	30.62	+06	44	42	+2	SSW	2	0	0	0	0	45	37	0	0
	Pembroke (St. Ann's) ...	30.58	44	SSE	2	0	30.64	+08	35	34	-8	ENE	3	0	0	0	0	46	35	7.0	0
GERMANY, &c.	Scilly (St. Mary's) ...	30.51	47	NE	1	0	30.55	+05	44	40	-3	E	3	0	0	0	0	50	40	3.4	0
	Jersey (St. Aubin) ...	30.58	44	ENE	3	0	30.57	0	42	38	+7	ESE	3	0	0	0	0	47	34	6.8	0.01
	Portland Bill ...	30.59	39	NE	1	0	30.62	+04	37	36	0	NE	3	0	0	0	0	45	35	0	0
	Dungeness ...	30.58	39	NNE	1	0	30.60	+02	39	38	-1	N	3	0	0	0	0	45	36	0	0.03
	Wick ...	30.35	42	S	2	0	30.47	+10	42	41	+8	W	1	0	0	0	0	45	32	0	0
	Nairn ...	30.31	45	W	1	0	30.55	+13	43	41	+11	Z	0	0	0	0	0	45	30	0	0
	Aberdeen ...	30.39	37	SSW	1	0	30.55	+06	38	37	+8	W	1	0	0	0	0	42	30	3.0	0.01
	Leith ...	30.44	39	WSW	1	0	30.57	+07	44	43	+11	W	2	0	0	0	0	46	32	0	0
	North Shields ...	30.53	38	SW	1	0	30.56	-01	42	41	+12	W	3	0	0	0	0	42	28	0	0
	Spurn Head ...	30.60	40	WSW	2	0	30.60	+02	37	36	+1	W	4	0	0	0	0	44	35	0	0
FRANCE.	Yarmouth ...	30.55	43	NNE	4	0	30.59	+03	35	34	-6	NW	3	0	0	0	0	40	33	0	0.02
	Loughborough ...	30.64	25	Z	0	0	30.66	+01	18	18	-6	ESE	1	0	0	0	0	28	17	0	0
	Oxford ...	30.66	30	N	2	0	30.69	+04	21	21	-3	N	1	0	0	0	0	45	21	0	0
	London (Brixton) ...	30.61	31	ESE	1	0	30.64	0	30	30	+5	NE	1	0	0	0	0	37	28	0	0
	The Scaw (Skagen) ...	30.43	36	NW	1	0	30.32	-07	39	37	+2	WSW	3	0	0	0	0	39	34	0	0
	Fanö ...	30.57	39	Z	0	0	30.53	+03	43	40	+7	WSW	2	0	0	0	0	43	36	0	0
	Cuxhaven ...	30.57	40	Z	0	0	30.57	+06	40	37	+2	WSW	2	0	0	0	0	43	37	0	0.04
	The Helder ...	30.56	43	NNE	1	0	30.57	0	42	41	0	N	1	0	0	0	0	46	41	0	0
	Brussels ...	30.54	34	WNW	2	0	30.60	+09	31	30	+1	SW	1	0	0	0	0	34	30	0	0
	Berlin ...	30.55	33	NE	2	0	30.56	+02	32	30	+5	E	2	0	0	0	0	36	27	0	0
SPAN. PEN.	Munich ...	30.41	25	NE	7	0	30.41	+05	18	17	-1	E	5	0	0	0	0	27	18	0	0
	C. Gris Nez ...	30.58	37	E	1	0	30.57	+01	38	37	+5	SE	1	0	0	0	0	50	32	0	0
	Brest ...	30.56	40	SSE	1	0	30.54	0	37	34	0	ENE	2	0	0	0	0	48	34	0	0
	Lorient ...	30.51	39	NE	4	0	30.49	-05	35	34	0	ENE	4	0	0	0	0	54	34	0	0
	Rochefort ...	30.46	35	E	5	0	30.40	-10	31	31	-1	E	5	0	0	0	0	41	28	0	0
	Biarritz ...	30.36	38	ENE	4	0	30.23	-16	32	30	-2	E	3	0	0	0	0	41	30	0	0
	Paris ...	30.49	32	NNE	3	0	30.49	-01	36	32	+9	NE	3	0	0	0	0	37	27	0	0
	Belfort ...	30.31	35	NE	6	0	30.38	+07	26	25	0	NE	7	0	0	0	0	35	26	0	0
	Lyons ...	30.29	30	N	2	0	30.33	+07	30	27	+2	WNW	2	0	0	0	0	32	28	0	0
	Nice ...	29.97	42	NE	3	0	30.14	+23	43	35	-2	NE	3	0	0	0	0	52	39	0	0
SPAN. PEN.	Perpignan ...	30.19	36	NW	4	0	30.24	+12	32	28	-9	NW	1	0	0	0	0	43	30	0	0
	Corunna ...	30.04	50	NNE	5	0	30.02	-08	40	34	-8	NNE	6	0	0	0	0	59	39	0	0
	Lisbon ...	29.99	63	ENE	4	0	29.96	-08	63	59	+1	E	4	0	0	0	0	68	62	0	0
	Azores (P. Delgada) ...	29.99	63	ENE	4	0	29.96	-08	63	59	+1	E	4	0	0	0	0	68	62	0	0

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 25<sup>th</sup> November, 1901.

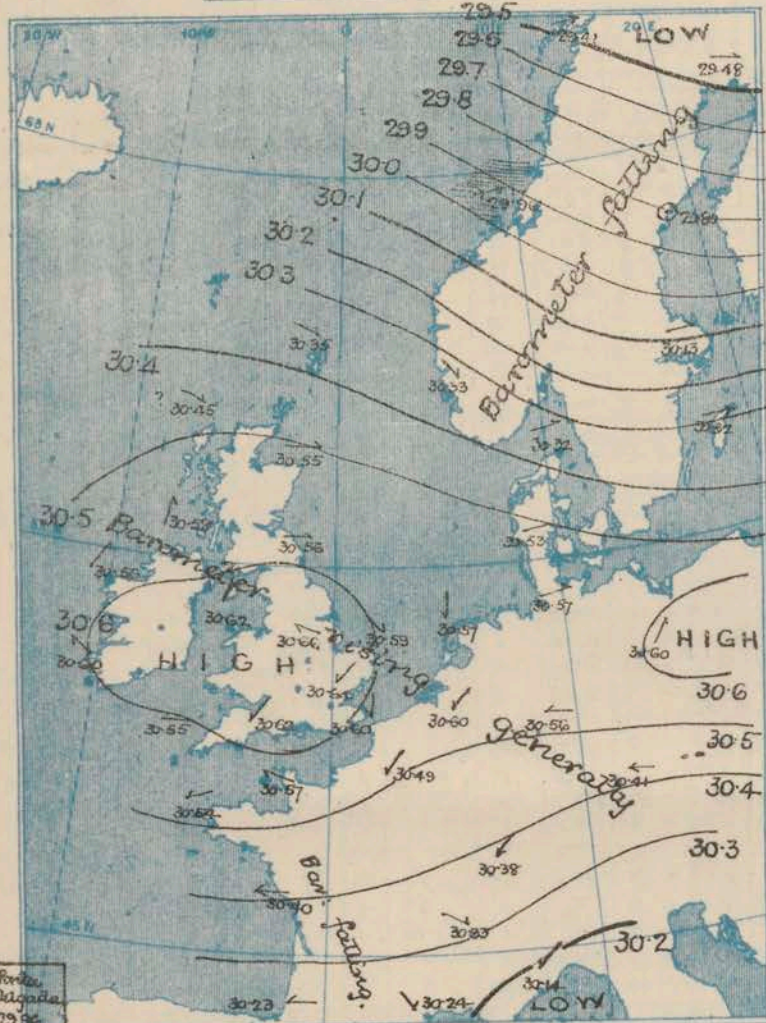
## I. BAROMETER, WIND AND SEA. This Morning.

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

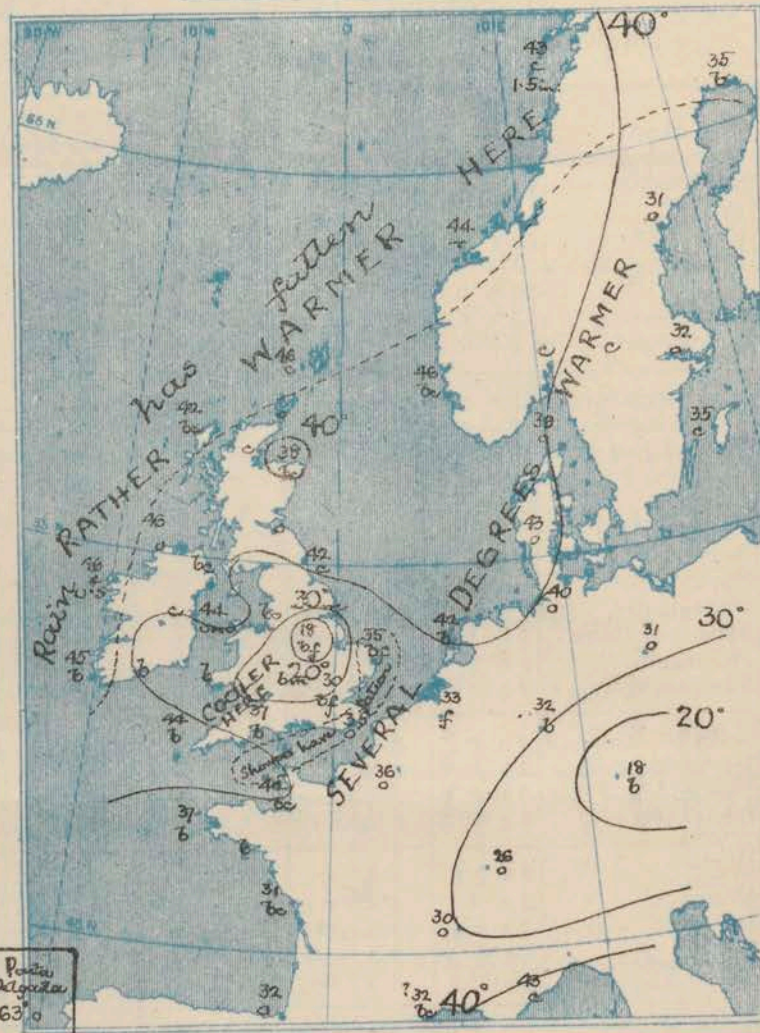


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

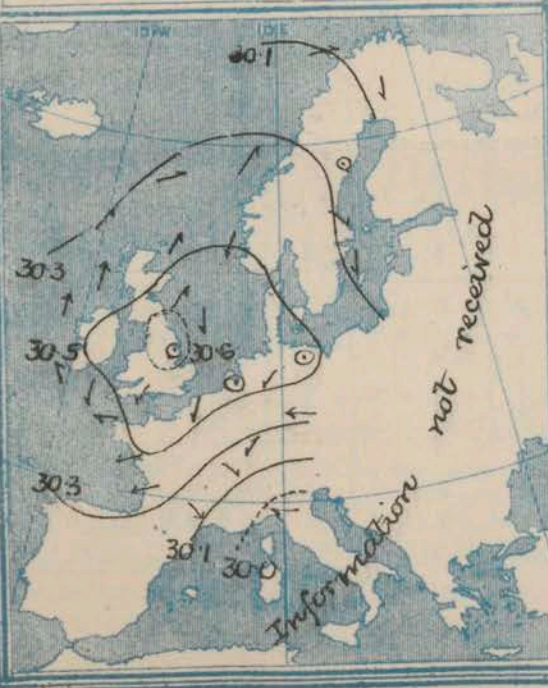
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

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

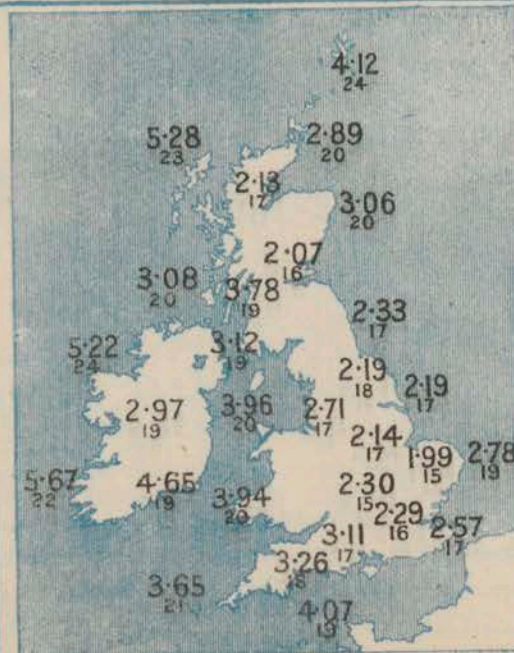
Yesterday morning.



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

Specimen { RAINFALL 2.33  
(for Shields) { RAIN DAYS 17

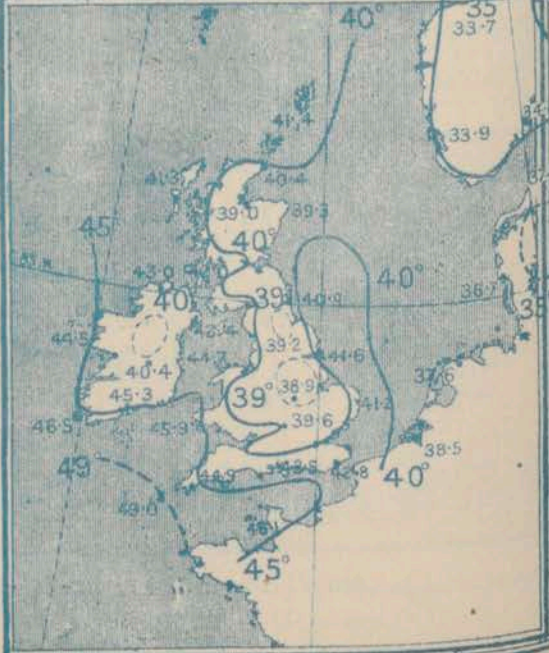
Main Head & Blackrod & Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

December—November (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Pressure is still highest, 30.5 ins. to 30.6 ins. and upwards, in a large anticyclone covering our Islands, the greater part of the North Sea, Germany, the Netherlands, and the north of France. It is lowest, 29.5 ins. and less, over the north of Scandinavia and Lapland. Gradients are very slight over the southern, and moderate over the northern, half of our area. The barometer is falling very briskly over Norway and Sweden, and less decidedly over the southwest of France, but continues to rise over the United Kingdom.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

W<sup>y</sup> winds prevail on our more northern coasts and over northern Europe generally and blow strongly in some parts of Scandinavia; at Christiansund there is a strong gale. Over our southern counties, France and southern Germany the wind is E<sup>y</sup>; and mainly light in force. Temperature has fallen over all the more northern parts of our Islands and to the eastward and northeastward of the North Sea, but fallen at most of our southern and southeastern stations. In the north and extreme west the readings are now equal to or a little above the mean, while over England they are considerably below it. Over central England the thermometer marks 18° at Loughborough, and 20° at Oxford. The weather is fine and bright in most parts of our Islands, and the neighbouring portions of the continent, but mist or fog prevails in some places. Over Scandinavia the conditions are dull and unsettled, with rain in the west of Norway. The sea is rough at Christiansund, moderate to smooth elsewhere.

Heavy rain has been experienced in the extreme north of Norway, and rather heavy falls in the west of Ireland, but over western Europe generally the weather has been dry. At some of our extreme western stations temperature rose to 50° yesterday; at Loughborough, however, it did not exceed 28°. Bright sunshine was more prevalent than of late, except in Ireland. In many parts of England the amount recorded ranged between 6 and 7 hours.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably still increase somewhat in height over England, where cold weather may be expected to continue. The decrease of pressure in the southwest of France may, however, cause a brisker movement of the E<sup>y</sup> wind, so that fogs are rather less likely at our southern and southeastern stations.

## FORECASTS\*

For the 24 hours ending at NOON on 26<sup>th</sup> November 1901

### DISTRICTS.

### FORECASTS.

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

Light or moderate winds, from between W. and NW; fair generally.

NW<sup>y</sup> winds, light; fair generally, but fog or mist inland.

Light Variable airs or Calms; fine, frosty. Foggy or misty in places.

Light E<sup>y</sup> winds; fine on coast, frosty, misty or foggy at some inland stations.

### DISTRICTS.

### FORECASTS.

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

W<sup>y</sup> winds, light; fair generally.

Variable or W<sup>y</sup> airs; cold, fair, but some mist or fog.

E<sup>y</sup> winds, light or moderate; fine, cold.

W<sup>y</sup> or SW<sup>y</sup> winds; light or moderate; fair generally.

E<sup>y</sup> or SE<sup>y</sup> winds, fine, rather cold.

### WARNINGS

NONE ISSUED

*Note.*—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.							PART 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	43	34	2.2	0.02
Newton Reigny (Penrith)	30.56	35	SS E 3	b	30.62	+ .02	36	35	+ 10	SE 1	0	*	bc, om	40	24	2.5	-
Bath	30.61	30	N 1	f	30.64	+ .01	22	22	- 1	N 1	f	*	f	37	21	1.2	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	41	28	b	5.7	-	Worthing				6.8	
Birmingham, 9 p.m.	43	25	b	4.7	-	Llandudno				6.9	
Lowestoft, 6 p.m.						Rhyl				6.5	
Hastings				6.7		Southport, 9 p.m.	40	27	bc, s	4.0	0.01
Eastbourne				7.1		Manchester, 9 p.m.	42	24	bc, s	3.3	-
Brighton				6.5		Darwen, 7 p.m.	39	30	om	4.0	-

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) NOV. 24				Ins.	Algiers ... NOV. 24				Ins.
Madrid					Tunis				
Corsica (I. Sanguinaires)			Information		Vienna			Information	
Rome					St. Petersburg			not arrived	
Florence			not						
Trieste					Lugano ... NOV. 23 <sup>nd</sup>	46	—	0	Measured 7 a.m. 23
Brindisi			arrived.		Davos	28	—	5	0.04
Naples					Lucerne	34	—	0	0.16
Palermo					Lausanne	37	—	0	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.

	Nov. 25 <sup>th</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth		7.33	11.40	3.47
Greenwich		7.36	11.47	3.58
Wick		8.24	11.59	3.33
Valencia		8.19	12.28	4.37

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, 26<sup>th</sup> November, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall. Ins.
		At 32° and M.S.L.	Inz.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.			Max.	Min.			
SCANDINAVIA.	Haparanda ...	29.50	30	N	2	0	30.02	+54	17	15	-18	N	2	bc	0	36	10					
	Hernösand ...	29.74	40	NW	4	3	30.10	+30	26	31	+5	Z	0	3	0	43	27					
	Stockholm ...	29.93	37	W	6	0	30.09	-04	32	30	0	NW	2	3	0	37	19		0.04			
	Wisby ...	29.99	41	NW	6	3	30.08	-24	39	35	+4	N	4	0	3	43	25					
	Karlstad ...	30.11	23	W	2	3	30.24	+11	32	31	-1	NW	2	3	0							
	Färder (X'ania Fjord) ...	30.21	41	NNW	5	7	?		41	36	-2	N	2	3	2	45	39					
	Bodö ...	29.76	41	NW	2	3c	30.08	+67	38	36	-5	SSW	2	3c	1	43	36					
	Christiansund ...	30.38	44	NW	7	0	30.34	+38	41	39	-3	WSW	3	0	5	44	35		0.24			
	Skudesnaes ...	30.17	44	WNW	4	3	30.40	+07	42	41	-4	N	2	3c	2	46	39					
	Sumburgh Head ...	30.44	46	WNW	3	0	30.42	+07	47	46	+1	W	1	0	3	47	44		0.04			
BRITISH ISLANDS.	Stornoway ...	30.54	44	WSW	2	0	30.51	-05	50	48	+2	SSW	3	0	3	50	38	1.5				
	Malin Head ...	30.60	47	SW	1	0.8	30.62	+04	48	47	+2	S	1	0.8	1	48	45					
	Blacksod Pt. ...	30.61	48	SSW	3	3	30.63	+07	36	36	-13	Z	0	2m	2	50	36					
	Valencia ...	30.63	39	ESE	1	3	30.60	0	41	39	-4	ENE	1	0	3	52	34	6.9				
	Roche's Point ...	30.64	44	ESE	1	3	30.62	-02	42	40	+3	NNE	1	3c	2	50	37					
	Parsonstown ...	30.63	40	SE	1	3c	30.64	+03	35	35	-5	SE	1	0	2	50	35	4.4				
	Donaghadee ...	30.61	45	WNW	1	0.8	30.61	+03	46	45	+5	WNW	1	0.8	2	52	40					
	Liverpool Obsy. ...	30.63	43	Z	0	0	30.60	-04	42	41	+9	WSW	1	0	?	44	33					
	Holyhead ...	30.61	46	Z	0	0	30.60	-02	45	43	+1	Z	0	0	0	49	42					
	Pembroke (St. Ann's) ...	30.61	40	ENE	2	3	30.57	-07	43	40	+8	ENE	2	0.8	1	46	34	7.2				
GERMANY, &c.	Scilly (St. Mary's) ...	30.51	46	NE	5	3c	30.49	-06	43	40	-1	NE	5	3c	3	49	39	8.0				
	Jersey (St. Aubins) ...	30.49	43	E	4	3cm	30.49	-08	40	37	-2	NNE	2	cm	2	46	38	3.0				
	Portland Bill ...	30.57	37	NE	3	3	30.52	-10	40	40	+3	NNE	3	0.8	3	44	36					
	Dungeness ...	30.55	41	NNE	3	cp	30.49	-11	38	37	-1	N	3	0	2	44	34		0.09			
	Wick ...	30.50	42	Z	0	0	30.48	+01	45	43	+3	W	1	0	0	46	39					
	Nairn ...	30.57	41	Z	0	3c	30.54	-01	45	44	+2	W	1	0	1	47	34					
	Aberdeen ...	30.58	40	W	1	3c	30.56	+01	41	40	+3	W	1	0.8	1	45	37	0.2				
	Leith ...	30.58	43	Z	0	0	30.58	+01	42	42	-2	WNW	2	f	0	48	39					
	North Shields ...	30.58	45	Z	0	cm	30.57	+01	41	40	-1	W	2	0	2	47	36					
	Spurn Head ...	30.58	40	WNW	4	f	30.52	-08	43	43	+6	NW	3	m	3	44	36					
FRANCE.	Yarmouth ...	30.53	40	NW	2	3cm	30.47	-12	45	44	+10	NNW	3	0.8	4	45	33		0.01			
	Loughborough ...	30.62	33	ESE	1	f	30.57	-09	35	35	+17	W	1	0.8	0	36	18		0.01			
	Oxford ...	30.63	32	N	1	0	30.57	-12	27	26	+16	N	2	cp	0	41	21		0.04			
	London (Brixton) ...	30.61	36	NE	1	3	30.54	-10	35	35	+5	NW	1	0.8	0	40	30	0.0	0.02			
	The Scaw (Skagen) ...	30.22	44	WNW	1	3c	30.26	-06	40	40	+1	WNW	1	3c	0	46	37					
	Fanö ...	30.40	43	WNW	4	0	30.32	-21	39	39	-4	NNW	1	3	0	46	39					
	Cuxhaven ...	30.47	42	WSW	1	0	30.30	-27	44	43	+4	NNW	2	0	0	45	40		0.04			
	The Helder ...	30.50	47	NW	1	0	30.40	-17	46	45	+4	N	2	0	2	47	42					
	Brussels ...	30.48	32	WSW	1	0	30.47	-13	33	33	0	WSW	1	0	0	40	31		0.04			
	Berlin ...	30.50	32	NE	2	3	30.42	-14	29	28	-3	SE	1	f	0	39	27					
SPAN. PEN.	Frankfurt ...	30.40	23	Z	0	0	30.33	-08	24	22	+6	Z	0	0	0	27	18					
	Munich ...	30.40	23	Z	0	0	30.33	-08	24	22	+6	Z	0	0	0	27	18					
	C. Gris Nez ...	30.53	40	E	2	0	30.46	-11	44	42	+6	E	3	0	3	50	36		0.16			
	Brest ...	30.45	41	NE	2	0	30.45	-09	36	33	-1	ENE	3	3	3	46	34					
	Lorient ...	30.41	42	ENE	5	3	30.39	-10	35	35	0	ENE	5	3c	4	59	34					
	Rochefort ...	30.39	35	NE	5	3	30.34	-06	30	30	-1	ESE	5	3	0	41	28					
	Biarritz ...	30.28	36	E	1	3	30.23	0	28	25	-4	E	3	3	0	41	27					
	Paris ...	30.47	32	N	2	3	30.46	-03	24	24	-12	N	2	3	0	42	23					
	Belfort ...	30.42	27	ENE	5	0	30.39	+01	20	19	-6	ENE	4	3c	0	30	20					
	Lyons ...	30.42	31	NNW	3	3	30.40	+07	30	27	0	NNW	1	3c	0	36	30					
SPAN. PEN.	Nice ...	30.20	44	ENE	4	3	30.13	-01	38	32	-5	ENE	4	3	6	52	36					
	Perpignan ...	30.23	39	W	1	7	30.22	-02	33	33	+1	Z	0	3	0	40	32		0.04			
SPAN. PEN.	Corunna ...	29.99	43	NNE	5	3	29.99	-03	39	35	-1	N	3	3	0	48	37					
	Lisbon ...	30.00	64	E	4	0	29.95	-01	64	59	+1	SSE	4	0	4	66	63					

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 26<sup>th</sup> November, 1901.

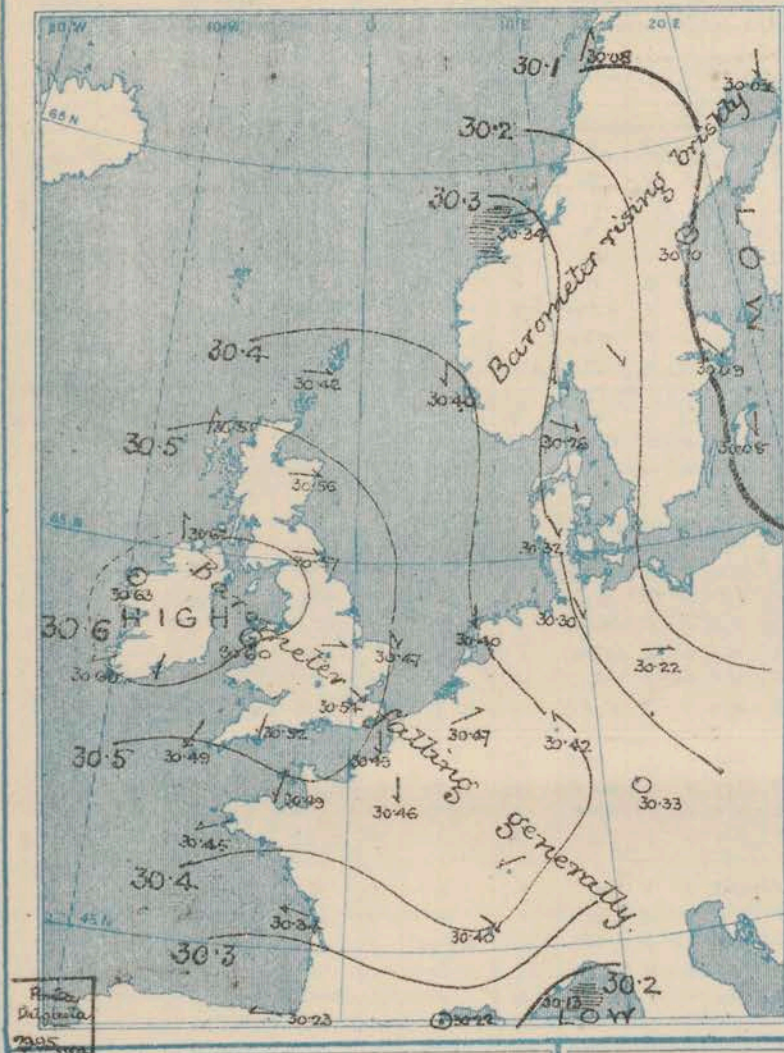
## I. BAROMETER, WIND AND SEA. This Morning.

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

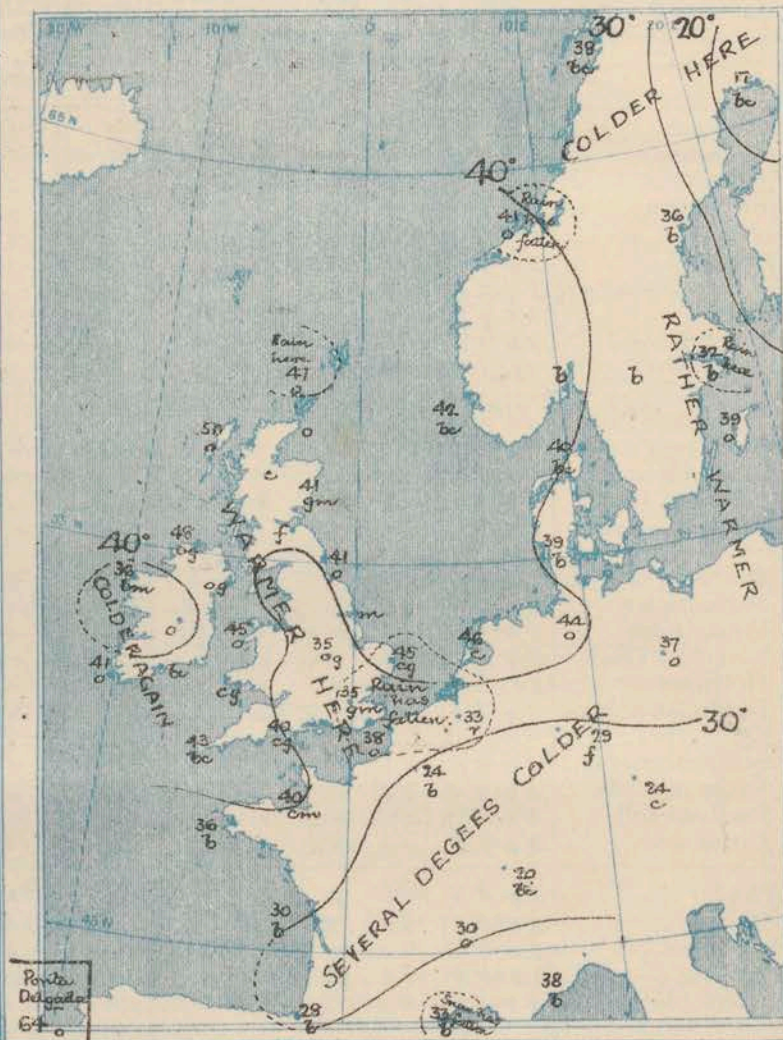


## II. TEMPERATURE AND WEATHER. This Morning.

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



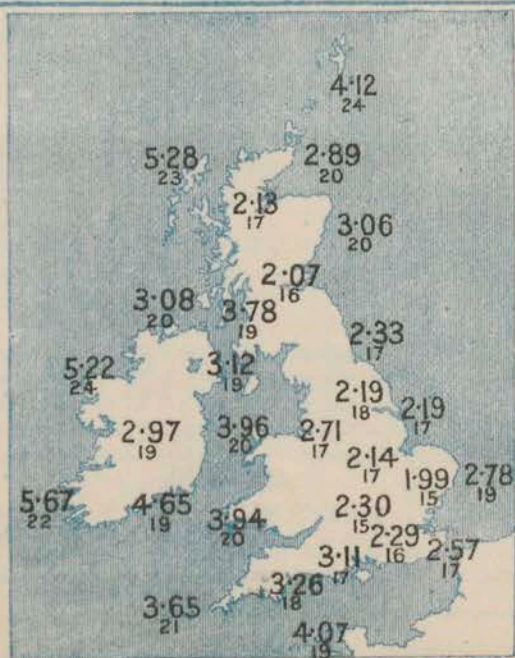
## III. BAROMETER AND WIND

Yesterday morning.



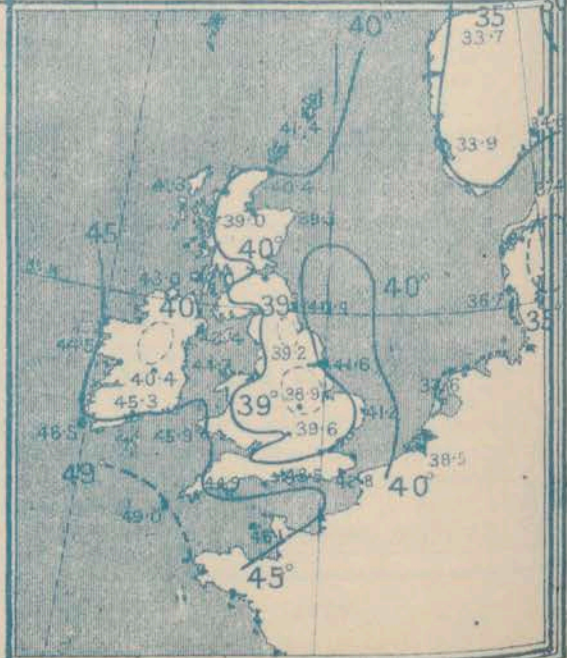
## IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of NOVEMBER (1871-1900)

Specimen { RAINFALL 2.33  
(for Shields) { RAIN DAYS 17  
Mabin Head & Blacksod & Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the Two monthly period  
December—November (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The barometer is still highest, 30.5 ins. to 30.6 ins., and upwards, in an anticyclone lying over our Islands, and lowest, 30.1 ins., and less, over the north of Scandinavia and the Baltic. Gradients are slight throughout our area—especially over the United Kingdom. The barometer is rising rather briskly over Norway and Sweden, but falling in most other regions. In our Islands the changes are very slight and irregular.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Light airs from between W. and NW. continue to prevail on our northern and eastern coasts, and light N<sup>y</sup> to NE<sup>y</sup> breezes on our Channel coasts, and over France. To the eastward of the North Sea and over Scandinavia the wind has fallen light, and is now mainly N<sup>y</sup>. Temperature has risen quickly in most parts of southern and central England, and fallen in the west of Ireland. The readings are still below the mean in most places, but exceed it at many Scotch stations, as well as at Yarmouth and in the northeast of Ireland. The lowest temperatures reported in our Islands are now 33° at Bath, and 35° at Loughborough, in London, and at Parsonstown. Over France the thermometer is low; at Paris it stands at 24°, and at Biarritz at 28°. The weather has become very fine and bright over Scandinavia and Denmark, as well as at some French stations, but over the United Kingdom it is very cloudy and dull, with mist in many places; at Oxford slight showers are reported. The sea is slight or smooth generally.

Slight rain has been experienced at some of our more southern and southeastern stations, as well as at Sumburgh Head and Christiansund, and some snow at Reims. In nearly all other regions the weather has been dry. The highest temperature recorded over the United Kingdom yesterday was 55° or a trifle above which occurred on the Irish coasts and at Stornoway. Bright sunshine was very prevalent at Bally, Ambrose, and Valencia, and fairly at Lowestoft, but elsewhere there was very little.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in pressure are very slight and irregular, and point to no material change in the general distribution. Dry weather, with, however, much cloud and mist is likely to continue during the ensuing twenty four hours.

## FORECASTS \*

For the 24 hours ending at NOON on 27<sup>th</sup> November 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	W <sup>y</sup> or NW <sup>y</sup> winds, light or moderate; cloudy or dull, rather mild.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	N <sup>y</sup> or NW <sup>y</sup> airs; cloudy, misty in places.
3	{ ENGLAND EAST	N <sup>y</sup> and NW <sup>y</sup> winds, light; cloudy or dull, with mist or fog in places.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	Same as N° 3.
		N <sup>y</sup> or NE <sup>y</sup> winds, light; dull generally, but local mist and fog.

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as Nos. 0 and 1.
7	{ ENGLAND N.W.	Light Variable airs; fair generally, but local mist and fog.
8	{ ENGLAND S.W.	NE <sup>y</sup> winds, moderate or light; fair generally.
9	{ IRELAND NORTH	Same as N° 7.
10	{ IRELAND SOUTH	E <sup>y</sup> or Variable airs; fair.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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, c, b	43	40	4.7	-	
Newton Reigny (Penrith)	30.62	40	z 0	0	30.61	- .01	37	37	+ 1	z 0	m	"	o m, f	40	34	0.0	-	
Bath	30.52	30	nw 1	f	30.55	- .09	33	33	+ 11	w 1	f	"	f	35	21	0.0	-	

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. ....	45	32	C	0.0	—	Worthing ... ..	"	"	"	4.0	"
Birmingham, 9 p.m. ....	39	22	C	0.0	—	Llandudno ... ..	"	"	"	0.0	"
Lowestoft, 6 p.m. ....	43	34	C	5.3	0.03	Rhyl ... ..	"	"	"	0.0	"
Hastings ... ..	"	"	"	2.1	"	Southport, 9 p.m. ...	42	32	0	0.0	—
Eastbourne ... ..	"	"	"	1.2	"	Manchester, 9 p.m. ...	37	27	0 m	0.0	—
Brighton ... ..	"	"	"	2.6	"	Darwen, 9 p.m. ...	44	32	0 m	0.0	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) <i>NOV. 25</i>	68	55	b, c	ins.	Algiers ... <i>NOV. 25</i>	66	54	b, o	—
Madrid ... ..	50	23	b, b	—	Tunis... ..	59	45	bc, o	—
Corsica (I. Sanguinaires) ...	63	50	m, m	0.08	Vienna ... ..	34	21	b, b	—
Rome ... ..	55	42	c, c	—	St. Petersburg... ..	24	7	b, b	—
Florence ... ..	44	41	o, o	—	Lugano ... <i>NOV. 24</i>	1 p.m.	—	Information	Measured 7 a.m. 24
Trieste ... ..	34	34	o, b	—	Davos ... ..	—	—	Information	—
Brindisi... ..	63	49	o, b	—	Lucerne ... ..	—	—	Information	—
Naples ... ..	54	48	c, c	0.39	Lausanne ... ..	—	—	Information	—
Palermo ... ..	66	46	b, f	—				Information	—

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.

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.

Nov. 26, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	7.34	11.40	3.46
Greenwich ... ..	7.37	11.47	3.57
Wick ... ..	8.27	11.59	3.31
Valencia ... ..	8.20	12.28	4.36

*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.

£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.



# DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 27<sup>th</sup> November, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.							
		BAROM.		TEMP.		WIND.	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.	Diffr.				At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Max.	Min.								
SCANDINAVIA.	Haparanda	29.78	31	SW	4	0	29.24	-78	40	39	+23	W	6	0	0	0	40	7						
	Hernösand	30.07	36	Z	0	3	29.56	-56	39	23	+3	Z	0	0	0	2	41	30						
	Stockholm	30.28	28	Z	0	3	29.94	-15	34	28	+2	SW	2	3c	0	3	37	27						
	Wisby	30.28	38	N	6	3c	30.09	+01	34	32	-5	SW	4	3c	0	3c	45	34						
	Karlstad	30.36	29	Z	0	3	29.93	-31	36	35	+4	?	2	0	0	0								
	Färder (K'lania Fjord)	30.36	42	WSW	2	3c	29.99		36	?	-5	WSW	4	3	0	3c	43	36						
	Bodö	29.61	44	SW	8	7	29.19	-89	42	40	+4	SW	6	0	4	7	45	36				0.59		
	Christiansund	30.18	42	WSW	6	c	29.73	-61	41	41	0	WSW	8	7	6	c	45	41				0.24		
	Skudesnaes	30.43	39	Z	0	3	30.12	-28	48	46	+6	W	6	0	4	3	45	39						
	Sumburgh Head	30.35	46	W	3	0	30.06	-36	45	41	-2	W	4	c	4	0	49	43				0.09		
BRITISH ISLANDS.	Stornoway	30.48	49	WSW	4	7	30.32	-13	45	42	-5	WNW	4	0	4	od,r	51	43	0.1			0.12		
	Malin Head	30.62	49	SW	2	0	30.52	-10	49	49	+1	WNW	4	0	4	0,08	49	47						
	Blacksod Pt.	30.66	45	Z	0	c	30.63	0	47	45	+11	WNW	3	c	3	3,c	49	46				0.01		
	Valencia	30.63	47	ENE	2	c	30.63	+03	45	41	+4	NNE	1	0	3	c	48	41	0.1					
	Roche's Point	30.59	46	NE	2	0	30.59	-03	45	42	+3	N	4	c	3	c,0	50	40						
	Parsonstown	30.63	43	NE	1	0	30.61	-03	39	38	+4	E	1	3c	0	0	46	35	0.5					
	Donaghadee	30.60	48	WNW	2	cm	30.54	-07	46	45	0	WNW	2	3c	3	cm	50	44						
	Liverpool Obsy.	30.57	44	N	1	0	30.52	-08	43	41	+1	NNW	1	3c	1	cm	47	42						
	Holyhead	30.57	48	NE	1	cm	30.53	-07	48	46	+3	NNE	3	cp	2	c,cm	49	43						
	Pembroke (St. Ann's)	30.55	46	NE	2	c	30.50	-07	46	44	+3	NNE	4	08	2	c	49	42	2.3					
GERMANY, &c.	Scilly (St. Mary's)	30.49	48	NE	5	c	30.41	-08	46	43	+3	NE	5	c	2	c	51	40	2.9					
	Jersey (St. Aubins)	30.40	45	NE	4	odm	30.35	-14	47	43	+7	NE	4	3	3	3,d,m,f	47	40	0.1			0.01		
	Portland Bill	30.48	42	N	2	c	30.42	-10	41	40	+1	NNE	3	3c	3	08,m,c	45	40						
	Dungeness	30.40	43	N	3	3c	30.39	-10	44	42	+6	E	3	3	3	c,3c	46	34				0.03		
	Wick	30.42	45	WNW	1	c	30.27	-21	42	40	-3	WNW	3	3c	1	c	51	41				0.04		
	Nairn	30.52	49	W	1	c	30.35	-19	45	44	0	W	2	c	1	c	50	43						
	Aberdeen	30.53	45	W	1	0	30.35	-21	44	41	+3	WSW	1	3c	1	c,0	49	41	0.1					
	Leith	30.57	44	W	2	0	30.43	-15	43	43	+1	W	1	3	0	0	47	41						
	North Shields	30.54	47	WNW	2	cm	30.42	-15	42	41	+1	W	2	0	2	0,cm	48	39						
	Spurn Head	30.48	45	NNE	4	c	30.43	-09	44	43	+1	NNW	3	0	2	c,p	47	42				0.02		
FRANCE.	Yarmouth	30.40	46	NNE	5	7	30.39	-08	40	39	-5	N	2	3cf	4	a,r	46	39				0.17		
	Loughborough	30.53	40	NW	1	0	30.48	-09	40	39	+5	WNW	1	08,m	0	8,f,om	42	35						
	Oxford	30.51	40	N	2	0	30.47	-10	40	39	+3	NNE	2	0	0	f,0,c	41	36						
	London (Brixton)	30.49	43	NNE	2	3	30.43	-11	40	40	+5	Z	0	08,f	0	cm,op	45	35	0.0			0.01		
	The Scaw (Skagen)	30.34	37	NNE	1	3	30.06	-20	45	44	+5	WNW	5	0	1	3	46	36						
	Fanö	30.46	30	Z	0	3	30.32	0	40	39	+1	W	2	c	0	3	43	30						
	Cuxhaven	30.41	41	N	3	3	30.37	+07	32	32	-12	SW	1	f	0	3	44	28						
	The Helder	30.37	45	ENE	2	3	30.39	-01	37	34	-9	ESE	1	3	1	3	48	36						
	Brussels						30.40	-07	32	31	-1	ENE	1	0	0	0	44	31						
	Berlin	30.32	37	NNE	1	c	30.27	+15	38	36	+1	Z	0	0	0	c	41	36						
SPAN. PEN.	Frankfurt	30.30	32	N	2	3c	30.34	-08	31	30	+2	NE	2	3	0	3c	34	29				0.04		
	Munich	30.24	25	E	4	0	30.22	-11	24	24	0	NE	4	0	0	0	27	18						
	C. Gris Nez	30.37	46	NNE	5	7	30.37	-09	32	32	-12	E	2	m	2	7	50	32				0.39		
	Brest	30.41	44	NE	2	0	30.33	-12	47	44	+11	NNE	2	0	2	0	48	34						
	Lorient	30.34	45	NE	5	3c	30.28	-11	37	37	+2	NNE	4	c	3	3c	48	34						
	Rochefort	30.29	37	ESE	5	0	30.23	-11	40	39	+10	E	3	0	0	0	40	30						
	Biarritz	30.18	41	E	2	3	30.16	-07	31	30	+3	ENE	4	3	2	3	45	28						
	Paris	30.35	35	NNW	2	0	30.29	-17	33	32	+9	NNE	2	3	0	0	?	?						
	Belfort	30.26	26	ENE	2	0	30.11	-28	29	27	+9	ENE	5	0	0	0	31	20						
	Lyons	30.24	30	N	1	0	30.13	-27	29	28	-1	N	1	0	0	0	33	26						
Nice	29.96	42	Z	0	3	29.92	-21	40	39	+2	E	3	0	4	3	52	37				0.08			
Perpignan	30.06	46	NW	3	3	29.95	-27	42	38	+9	E	2	0	0	3	54	33							
SPAN. PEN.	Corunna																							
	Lisbon																							
	Azores (P. Delgada)																							

NOTE: The Sunshine for London given in this Table is recorded on the Tesser 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 27<sup>th</sup> November, 1901.

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

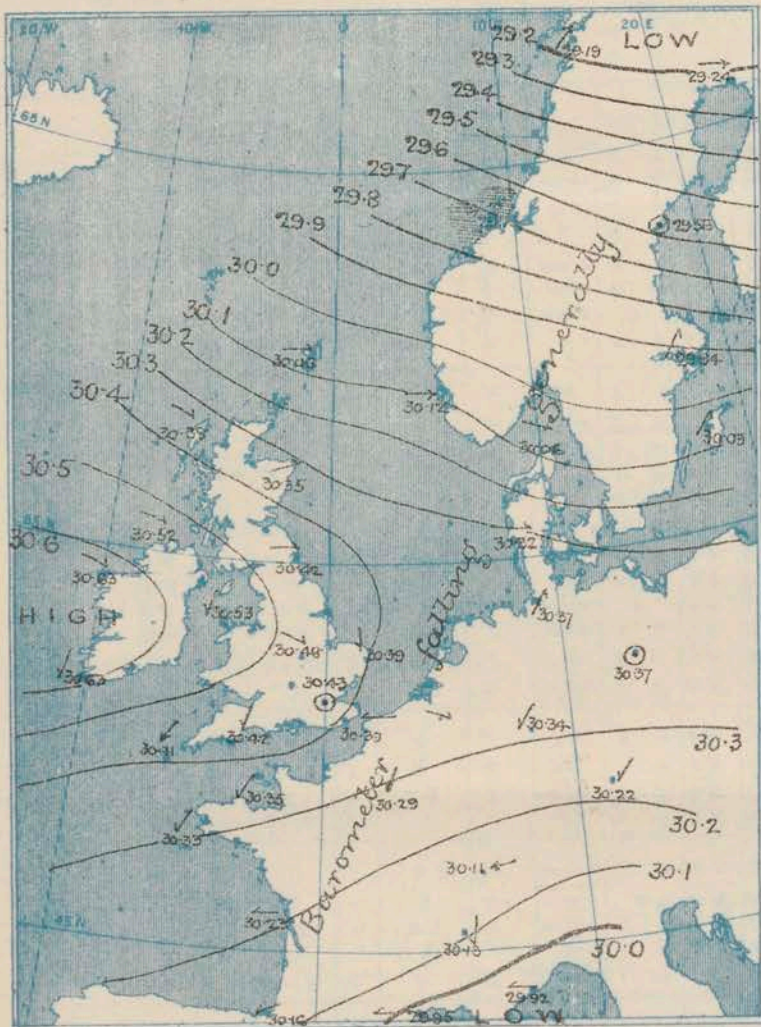
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

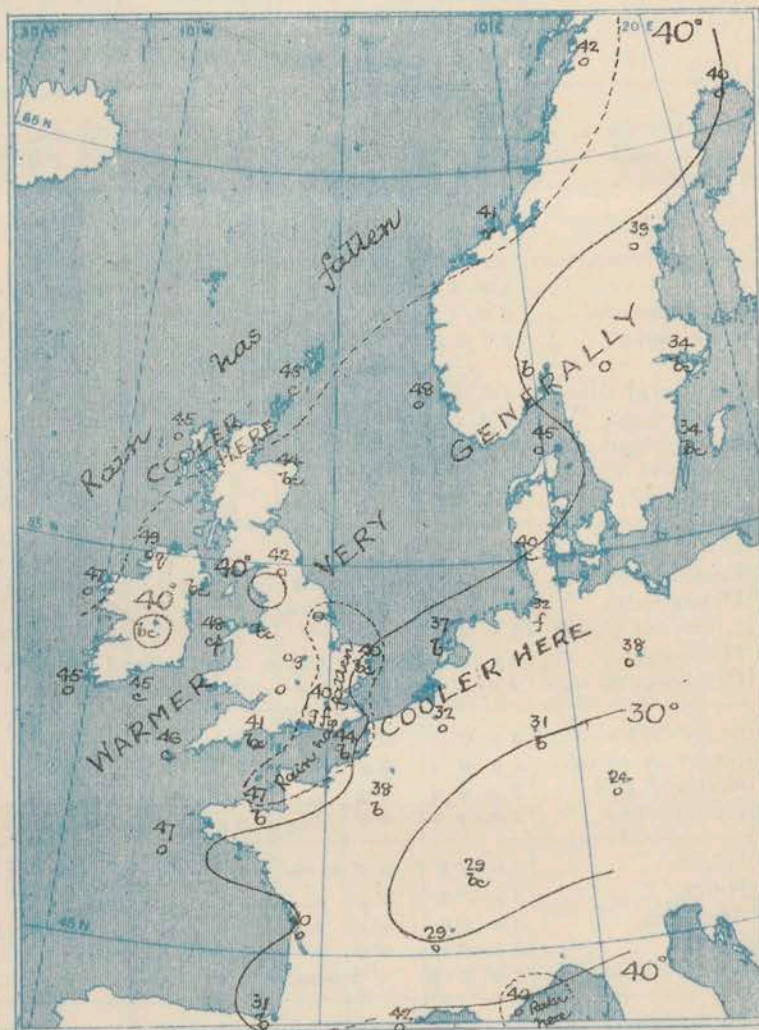


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

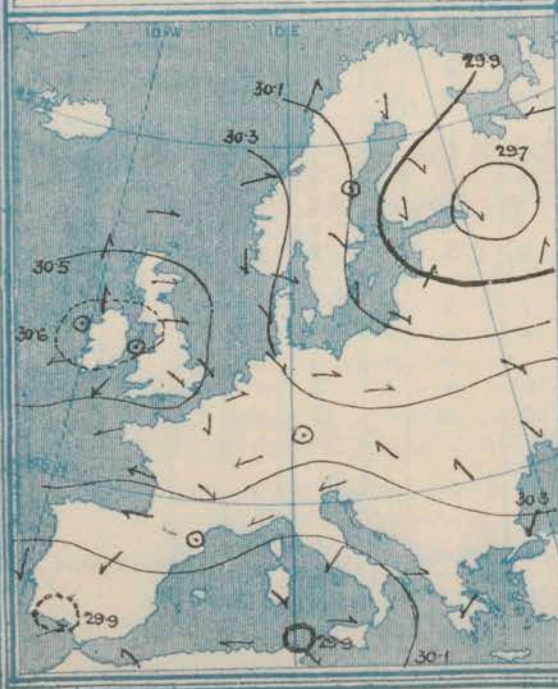
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

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

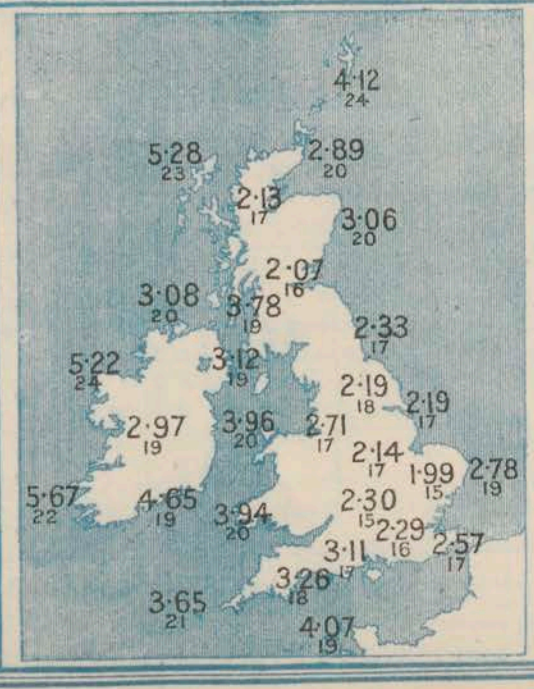
Yesterday morning.



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

Specimen (for Shields) { RAINFALL 2.33  
RAIN DAYS 17

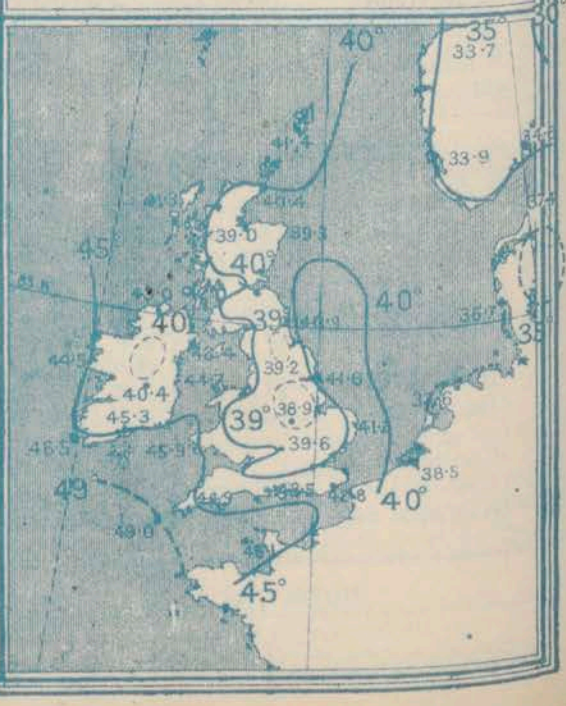
Mabin Head & Blacksdor-Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

December-November (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The barometer continues highest, 30.6 ins. and upwards, in an anticyclone whose central part now lies over and to the westward of Ireland. The lowest readings, 29.2 ins. and less, are found in a large cyclonic disturbance over the north of Scandinavia and Lapland. Gradients are slight over the southern half of our area, moderate to rather steep over northern Europe. The barometer is falling very generally—quickly in Norway and Sweden, rather briskly in northern Scotland, slowly elsewhere.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

W<sup>y</sup> and SW<sup>y</sup> winds, fresh or strong to a gale in force, prevail to the northeastward of the North Sea, and light or moderate W<sup>y</sup> or NW<sup>y</sup> winds over our northern and eastern districts; in the south and southwest, however, and over France the wind continues light or moderate from between N and NE. Temperature has again risen in most parts of our area and is now about equal to the mean at most English stations and a little above it in some Scotch and Irish localities. Over France and Germany it remains low; at Munich the thermometer stands at 24° and at Biarritz at 31°. The weather is cloudy or dull generally, but fine and bright at a few isolated stations in the United Kingdom and also in parts of France and Germany. Rain is falling at Christianaund, passing off the west of Norway, moderate in the north generally, slight or smooth elsewhere.

Slight rain has fallen at a few of our own northern and eastern stations and larger amounts in Norway, but elsewhere the weather during yesterday was dry. The maximum temperatures ranged from 50° or 51° at some of our extreme northern and western stations to 42° or 41° over central England. Bright sunshine was almost entirely absent, but Llandudno had 3.7 hours, Scilly 2.9 hours, and Pembroke 2.3 hours. A lunar halo was observed at Leith last night.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably give way slowly and move southwards or southwestwards, while secondary disturbances may be expected to the northward of Scotland. Fair weather is likely in the more southern districts, and unsettled conditions with some rain tomorrow in the north and northeast.

## FORECASTS \*

For the 24 hours ending at NOON on 28<sup>th</sup> November 1901

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

W<sup>y</sup> to NW<sup>y</sup> winds, increasing in force; cloudy or dull, some rain.

1 { SCOTLAND  
EAST

2 { ENGLAND  
N.E.

W<sup>y</sup> and NW<sup>y</sup> winds, light or moderate; fair, then some rain.

3 { ENGLAND  
EAST

Same as No 5.

4 { MIDLAND  
COUNTIES

NW<sup>y</sup> and W<sup>y</sup> winds, light; cloudy or dull generally, rather mild.

5 { ENGLAND  
SOUTH

Wind shifting towards NW; rather mild, fair generally.

### 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.



NE<sup>y</sup> winds, backing later, fair generally.

Same as Nos. 0 and 1.

N<sup>y</sup> to NW<sup>y</sup> winds, light; fair in most 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 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	*	*	*	*	*	*	*	*	*	3	*	3c, c	45 41	0.7	0.04
Newton Reigny (Penrith)	30.58	40	Z 0	0	30.49 - .12	39	37	+ 2	Z 0	om	*	omd	45 36	0.8	0.01
Bath	30.43	38	NW 2	0	30.44 - .11	41	40	+ 8	NE 1	0	*	0	43 33	0.0	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	47	37	c	0.2	-	Worthing	*	*	*	1.7	*
Birmingham, 9 p.m.	43	37	0	0.0	-	Llandudno	*	*	*	3.7	*
Lowestoft, 6 p.m.	46	34	cr	0.2	0.07	Rhyl	*	*	*	1.0	*
Hastings	*	*	*	1.0	*	Southport, 9 p.m.	46	34	0	0.9	-
Eastbourne	*	*	*	0.2	*	Manchester, 9 p.m.	46	35	om	0.0	-
Brighton	*	*	*	1.0	*	Darwen, 9 p.m.	45	37	ou	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) NOV. 26	70	54	0, r	Ins. 0.16	Algiers ... NOV. 26	63	55	0, 0	Ins. -
Madrid	41	30	r, r	0.12	Tunis	54	50	m, 0	-
Corsica (I. Sanguinaires)	59	45	f, m	0.16	Vienna	32	23	b, 0	-
Rome	55	46	0, 0	-	St. Petersburg	30	7	f, 0	0.024
Florence	46	38	c, c	-	Lugano ... NOV. 25	37	-	r	Measured 7 a.m. 25
Trieste	39	36	b, 0	-	Davos	30	-	b	-
Brindisi	55	48	b, 0	-	Lucerne	28	-	0	-
Naples	56	46	c, 0	-	Lausanne	30	-	0	-
Palermo	67	50	0, 0	-					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

	NOV. 27 <sup>TH</sup> 1901.		
	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.36	11.41	3.45
Greenwich	7.39	11.48	3.56
Wick	8.30	12.0	3.29
Valencia	8.22	12.29	4.35

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 Thursday, 28<sup>th</sup> November, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall Ins.
		At 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.		
						Ins.									Ins.	°				°	°
SCANDINAVIA.	Haparanda ...	29.30	28	Z	0	3	29.06	-0.18	24	22	-16	NNW	2	c		3	41	24		-	
	Hernösand ...	29.15	35	Z	0	0	29.18	-0.38	33	30	-6	N	4	3		0	43	33		-	
	Stockholm ...	29.40	37	SW	2	0	29.18	-0.76	30	27	-4	WNW	2	3		3	39	23		-	
	Wisby ...	29.48	41	W	4	3	29.12	-0.97	37	35	+3	N	8	0		3	43	30		0.28	
	Karlstad ...	29.38	41	WSW	4	3c	29.39	-0.54	35	32	-1	NNW	4	0		3c				-	
	Færder (K'iana Fjord) ...	29.44	44	WSW	6	3	29.54	-0.45	39	33	+3	NNW	6	3c	3	3	45	36		-	
	Bodö ...	29.02	36	WSW	4	7	29.34	+0.15	30	27	-12	N	7	5	4	7	42	28		-	
	Christiansund ...	29.46	36	WNW	8	8	29.70	-0.03	33	31	-8	N	4	5	7	5	41	30		0.55	
	Skudesnaes ...	29.69	42	W	9	7	29.83	-0.29	37	34	-11	NNW	9	c	5	7	48	34		-	
	Sumburgh Head ...	29.86	41	NW	6	op	30.20	+0.14	34	32	-11	NW	6	0	6	c, op	47	30		0.06	
BRITISH ISLANDS.	Stornoway ...	30.30	46	WNW	5	op	30.49	+0.11	39	38	-6	N	5	c	5	op	49	38	0.0	0.04	
	Malin Head ...	30.48	48	NW	6	op	30.52	0	47	47	-2	NNW	7	c, op	5	op	49	45		0.07	
	Blackod Pt. ...	30.63	47	NW	4	c	30.64	+0.01	48	46	+1	NNW	4	op, m	4	c, p	52	45		0.04	
	Valencia ...	30.65	46	N	1	3	30.64	+0.01	47	45	+2	N	3	c	3	03	49	42	0.0	0.01	
	Roche's Point ...	30.60	47	NNW	3	3	30.62	+0.03	47	44	+2	N	4	c	3	c, 3	50	43		-	
	Parsonstown ...	30.58	44	W	1	0	30.57	-0.04	43	42	+4	NW	1	0		c	47	37	0.5	0.01	
	Donaghadee ...	30.48	47	NW	4	op	30.46	-0.08	47	43	+1	NNE	4	3c	4	08	50	45		-	
	Liverpool Obsy. ...	30.43	46	W	4	0	30.40	-0.12	44	41	+1	WNW	4	3c	3	3c	48	42		0.01	
	Holyhead ...	30.48	49	NW	6	op	30.44	-0.09	48	45	0	N	6	c, op	4	c, op	50	45		0.03	
	Pembroke (St. Ann's) ...	30.50	46	N	2	3c	30.45	-0.05	48	44	+2	N	5	3c, op	2	3c	50	43	0.7	0.01	
GERMANY, &c.	Scilly (St. Mary's) ...	30.45	48	NE	5	c	30.45	+0.04	47	44	+1	N	5	c	3	c	50	42	0.0	-	
	Jersey (St. Aubins) ...	30.41	?	NNE	4	3c	30.38	+0.03	?	?		NW	3	08	?	3, 3c	?	?	7.3	?	
	Portland Bill ...	30.45	45	N	2	cm	30.36	-0.06	48	46	+7	NNW	4	c	4	3, cm	48	41		-	
	Dungeness ...	30.39	37	NE	1	3	30.28	-0.11	39	38	-5	NNW	2	3c	1	3c, 3	47	37		-	
	Wick ...	30.09	45	NW	8	0	30.34	+0.07	37	34	-5	NW	6	0	3	c, op	46	36		0.06	
	Nairn ...	30.23	47	WNW	5	c	30.44	+0.09	40	36	-5	NNW	3	c	2	c	47	38		0.04	
	Aberdeen ...	30.20	44	W	4	3c, op	30.32	-0.03	39	35	-5	NW	5	0, op	4	3c, op	50	38	5.4	0.05	
	Leith ...	30.27	42	WSW	2	0	30.40	-0.03	41	37	-2	NNE	4	3		3	50	40		-	
	North Shields ...	30.30	47	WSW	2	3w	30.33	-0.09	42	39	0	N	4	0	4	3m, 3w, op	49	39		-	
	Spurn Head ...	30.32	45	W	4	3	30.26	-0.17	42	42	-2	WNW	5	3c, p	4	3	46	40		0.03	
FRANCE.	Yarmouth ...	30.32	43	WNW	1	c	30.18	-0.21	43	42	+3	NNW	5	c, op	5	c	47	38		0.02	
	Loughborough ...	30.41	40	WNW	2	3	30.34	-0.14	42	40	+2	WNW	2	3c, m		3p, 3c, op	47	40		0.01	
	Oxford ...	30.42	42	NW	1	0	30.36	-0.11	44	42	+4	NW	2	c		c	46	40		-	
	London (Brixton) ...	30.41	45	W	1	0	30.33	-0.10	42	41	+2	NW	1	cm		of, m, 3m	46	38	0.0	-	
	The Scaw (Skagen) ...	29.62	41	NW	7	3c	29.56	-0.50	41	36	-4	N	6	3c	2	3c	46	36		-	
	Fanö ...	29.91	45	W	9	c	29.73	-0.59	39	36	-1	WNW	9	7		c	46	37		0.08	
	Cuxhaven ...	30.18	40	SW	4	0	29.81	-0.56	42	39	+10	WNW	6	0		0	45	32		0.24	
	The Helder ...	30.25	47	WNW	2	3c	30.03	-0.36	46	42	+9	N	5	7	5	3c	48	36		0.04	
	Brussels ...						30.19	-0.21	35	35	+3	WSW	2	f		0	35	28		0.04	
	Berlin ...	30.17	33	NW	2	3	29.68	-0.69	37	37	-1	W	5	7		3	38	30		0.12	
SPAN. PEN.	Frankfurt ...	30.31	33	W	2	c	30.10	-0.24	30	28	-1	SW	1	0		a	37	28		-	
	Munich ...	30.23	23	E	1	3c	30.13	-0.09	23	22	-1	SW	4	3c		3c	28	21		-	
	C. Gris Nez ...	30.37	40	E	1	3c	30.26	-0.11	42	41	+10	N	5	0	5	3c	48	32		-	
	Brest ...	30.41	42	NE	1	3	?		48	48	+1	N	3	0	2	3	52	42		-	
	Lorient ...	30.36	45	NE	4	c	30.41	+0.13	46	43	+9	N	3	0	2	c	52	37		-	
	Rocheport ...	30.31	40	ENE	4	0	30.43	+0.20	32	32	-8	E	3	3		0	43	30		-	
	Biarritz ...	30.19	37	S	1	0	30.35	+0.19	36	34	+5	S	1	0	2	0	37	30		-	
	Paris ...	30.36	33	N	2	3	30.30	+0.01	28	28	-5	SW	2	0		3	41	27		-	
	Belfort ...	30.24	31	ENE	6	0	30.29	+0.18	18	17	-11	SW	2	m		0	39	18		-	
	Lyons ...	30.31	31	NNW	1	0	30.34	+0.21	26	23	-3	NNW	1	3c		0	36	25		-	
SPAN. PEN.	Nice ...	30.00	41	E	2	3	30.06	+0.14	35	32	-5	NE	3	3	3	3	50	34		-	
	Perpignan ...	30.10	37	W	2	3c	30.14	+0.19	41	35	-1	W	3	3		3c	47	36		-	
SPAN. PEN.	Corunna ...																				
	Lisbon ...	30.08	46	N	4	3	30.16	+0.11	43	37	+3	NNE	6	3		3	52	40		-	
SPAN. PEN.	Azores (P. Delgada) ...	29.94	57	NE	5	7	30.04	+0.21	58	55	+5	NE	5	0	5	7	61	53		0.20	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR Thursday 28<sup>th</sup> November, 1901.

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

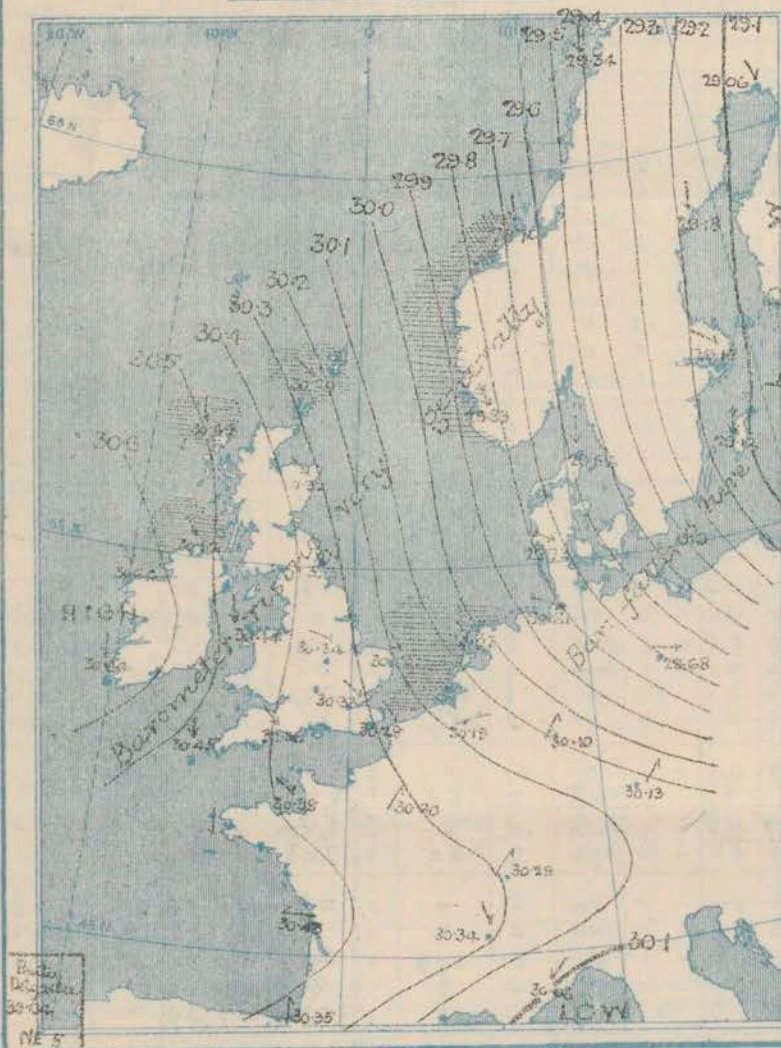
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 → : Force 5 to 7 → : Calm ⊙

Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The barometer remains highest, 30.6 ins. and upwards in an anticyclone lying over the west of Ireland and the adjacent parts of the Atlantic, and lowest, 29.2 ins. and less, over the east of Sweden, the Gulf of Bothnia, and Finland. Gradients are rather steep in the north and east of our area generally, but slight in the west and south. The barometer is rising again over Scandinavia and the United Kingdom, but still falls over Germany.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind has veered to the N. or NW over our Islands, the North Sea, Norway, and Sweden, but is W<sup>ly</sup> or SW<sup>ly</sup> over Germany and variable in the west of France. In force it is light or moderate over the greater part of England, Ireland, and France, but blows strongly in the extreme north of Ireland, and the north of Scotland, and with the force of a gale at some of the Danish and Scandinavian stations. Temperature has fallen over Scotland and northern Europe, but risen in most parts of England and Ireland. The readings over our Islands do not differ materially from the mean, being slightly above it in some places and slightly below it in others. The thermometer continues low over France and Germany; at Rochefort the reading is 32°, at Paris 28°, at Belfort 18°, and at Munich 23°. The weather is brighter than of late in most parts of our area but remains cloudy or overcast in places, and showers are reported from a few localities in the west of Norway snow is falling, while rain prevails at Fano and the Helles. The sea is rough in the north and northwest, and rather so at Cape Gris Nez and in the southern portion of the North Sea.

Slight rain has fallen in north Germany, the Netherlands, and in many parts of the United Kingdom and heavy snow at Christiania. During yesterday the thermometer showed a maximum of 50° at some of our extreme western stations, and in no part of our Islands were the maxima lower than 46°. A considerable amount of bright sunshine was recorded at some south coast stations, and at Aberdeen; very little or none elsewhere. A fresh to strong NW<sup>ly</sup> gale was experienced during the night in the north of Scotland.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are no indications of the approach of any fresh disturbance, so that it is probable that the wind will decrease gradually in force in the north, and the weather remain fair in most parts of the kingdom, with a fall of temperature.

## FORECASTS \*

For the 24 hours ending at NOON on 29<sup>th</sup> November 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	NW <sup>ly</sup> and N <sup>ly</sup> winds, decreasing in force; cold, changeable, some rain or sleet in places.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	N <sup>ly</sup> and NW <sup>ly</sup> winds, moderate; fair generally, but a few showers. Colder.
3	{ ENGLAND EAST	N <sup>ly</sup> and NW <sup>ly</sup> winds, light or moderate; colder, fair generally.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	



### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as N <sup>os</sup> 0 and 1.
7	{ ENGLAND N.W.	Same as N <sup>o</sup> 2.
8	{ ENGLAND S.W.	N <sup>ly</sup> winds, moderate; colder, fair generally.
9	{ IRELAND NORTH	N <sup>ly</sup> winds, fresh to moderate; colder, fair generally.
10	{ IRELAND SOUTH	N <sup>ly</sup> winds, light; colder, fair generally.

### WARNINGS

At 3.30 p.m. yesterday to district 0 and part of 1, "HOIST NORTH CONE"  
At 10 a.m. 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	"	"	"	"	"	"	"	"	"	"	bc	"	bc	43	36	5.7	-
Newton Rungby (Penrith)	30.36	43	w 3	bc	30.39	- .10	36	35	- 3	NW 1	bc	"	0.3cm	49	36	2.4	-
Bath	30.42	41	NW 1	o	30.38	- .06	45	43	+ 4	NW 1	o	"	o	48	39	0.0	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	50	38	bc	3.0	-	Worthing	*	*	*	4.3	*
Birmingham, 9 p.m.	46	41	o	0.0	-	Llandudno	*	*	*	0.1	*
Lowestoft, 6 p.m.	47	36	c	1.8	0.03	Rhyl	*	*	*	0.0	*
Hastings	*	*	*	6.0	*	Southport, 9 p.m.	48	39	o	2.1	-
Eastbourne	*	*	*	5.7	*	Manchester, 9 p.m.	47	38	bc	0.0	-
Brighton	*	*	*	4.3	*	Darwen, 9 p.m.	46	38	bc	0.5	0.01

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) NOV. 27	-	-	-	Ins.	Algiers ... NOV. 27	70	57	o, r	Ins.
Madrid	37	28	r, r	0.43	Tunis	68	50	o, c	-
Corsica (I. Sanguinaires)	59	43	m, m	-	Vienna	32	27	o, o	-
Rome	48	42	o, c	-	St. Petersburg	32	21	o, o	0.24
Florence	46	42	o, o	-	Lugano ... NOV. 26	1 p.m.	-	Information	Measured 7 a.m. 26
Trieste	45	32	bc, o	-	Davos	-	-	not arrived.	-
Brindisi	56	51	r, o	1.10	Lucerne	-	-	-	-
Naples	49	43	bc, bc	0.79	Lausanne	-	-	-	-
Palermo	64	55	o, o	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.

	NOV. 28 <sup>th</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.38	11.41	3.44	
Greenwich	7.41	11.48	3.55	
Wick	8.33	12.0	3.27	
Valencia	8.24	12.29	4.34	

\* DESCRIPTIONS 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, 29<sup>th</sup> November, 1901.*

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.		
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.	Min.									
Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.								
SCANDINAVIA.	Haparanda ...	29.16	21	N	6	S	29.52	+46	13	12	-11	N	4	3	S	28	13	*	0.2		
	Hernösand ...	29.48	27	NW	4	3	29.66	+48	22	18	-11	NW	4	3	3	39	22	*	-		
	Stockholm ...	29.53	27	NNW	6	0	29.67	+49	21	20	-9	NW	4	3	0	32	21	*	-		
	Wisby ...	29.44	36	N	9	0	29.72	+60	34	34	-3	N	9	3	0	45	34	*	-		
	Karlstad ...	?	30	NW	6	3	29.87	+48	23	20	-12	NNW	6	3	0	*	*	*	-		
	Færder (X'ania Fjord) ...	29.83	34	NW	4	3	29.97	+43	32	28	-7	NNW	4	3	2	39	32	*	-		
	Bodö ...	30.03	30	NNW	6	3	29.72	+38	26	23	-4	E	2	5	3	30	21	*	-		
	Christiansund ...	29.95	31	NW	7	S	29.96	+26	32	30	-1	NNW	3	0	6	33	27	*	0.24		
	Skudesnaes ...	30.06	32	NNW	8	S	30.08	+25	32	31	-5	Z	0	3	S	37	30	*	-		
	Sumburgh Head ...	30.29	34	N	4	0	30.01	-19	47	44	+13	NNW	4	0	5	47	30	*	0.11		
BRITISH ISLANDS.	Stornoway ...	30.51	42	NNW	3	3	30.38	-11	45	43	+6	NW	4	0	3	47	37	1.9	0.07		
	Malin Head ...	30.59	47	NW	6	0	30.55	+03	46	46	-1	NW	5	0	3	47	44	*	0.03		
	Blacksod Pt. ...	30.68	47	NW	3	0	30.65	+01	45	43	-3	NNW	2	0	3	49	42	*	0.04		
	Valencia ...	30.68	49	N	2	0	30.70	+06	45	43	-2	N	1	0	3	50	44	0.1	-		
	Roche's Point ...	30.63	47	N	4	3	30.69	+07	45	42	-2	NNW	3	0	3	50	43	*	-		
	Parsonstown ...	30.64	45	NW	1	0	30.65	+08	37	36	-6	NW	1	0	0	48	36	2.1	-		
	Donaghadee ...	30.55	47	N	5	3	30.53	+07	41	40	-6	WSW	2	0	2	47	39	*	-		
	Liverpool Obsy. ...	30.52	41	NNW	1	3	30.53	+13	43	42	-1	NNW	2	0	1	46	39	*	-		
	Holyhead ...	30.55	47	N	6	0	30.54	+10	46	44	-2	NW	5	0	4	48	43	*	0.02		
	Pembroke (St. Ann's) ...	30.53	47	N	5	0	30.59	+14	46	43	-2	NNW	4	0	2	51	44	0.7	-		
GERMANY, &c.	Scilly (St. Mary's) ...	30.51	50	N	5	0	30.59	+14	51	48	+4	NNE	4	0	2	51	42	0.0	0.02		
	Jersey (St. Aubins) ...	30.44	48	NNW	3	3	30.60	+22	43	39	?	NNW	3	0	3	52	42	1.6	-		
	Portland Bill ...	30.48	46	N	1	3	30.59	+23	41	40	-7	NW	2	0	2	50	36	*	-		
	Dungeness ...	30.40	41	NNW	4	0	30.49	+21	33	32	-6	N	2	0	2	47	31	*	-		
	Wick ...	30.33	40	NW	1	0	30.20	-14	46	44	+9	NW	3	0	3	47	34	*	0.11		
	Nairn ...	30.50	39	W	2	0	30.33	-11	45	42	+5	NW	2	0	2	45	35	*	-		
	Aberdeen ...	30.45	38	NW	4	0	30.31	-01	43	42	+4	WSW	2	0	2	44	36	0.0	0.02		
	Leith ...	30.49	39	N	2	0	30.39	-01	41	39	0	WSW	2	0	2	46	35	*	-		
	North Shields ...	30.46	40	N	3	0	30.39	+06	39	37	-3	W	3	0	3	42	33	*	-		
	Spurn Head ...	30.38	40	NW	6	0	30.43	+17	38	38	-4	NW	5	0	5	44	36	*	-		
FRANCE.	Yarmouth ...	30.37	42	NNW	5	3	30.40	+22	38	37	-5	NNW	4	0	5	44	36	*	0.18		
	Loughborough ...	30.48	37	NNW	1	3	30.52	+18	30	29	-12	NNW	1	0	0	43	30	*	-		
	Oxford ...	30.54	34	N	2	3	30.57	+21	33	32	-11	NNW	2	0	0	48	29	*	-		
	London (Brixton) ...	30.46	41	N	3	0	30.52	+19	32	30	-10	NW	1	0	0	46	31	0.1	-		
	The Scaw (Skagen) ...	29.81	39	NNE	6	0	29.95	+39	36	32	-5	NNE	3	0	1	43	34	*	-		
	Fano ...	29.95	36	NW	6	0	30.11	+38	31	29	-8	Z	0	0	0	41	31	*	-		
	Cuxhaven ...	29.92	40	NNW	6	0	30.13	+32	37	34	-5	NNW	3	0	0	43	34	*	0.12		
	The Helder ...	30.18	41	N	8	0	30.28	+25	45	42	-1	N	4	0	5	46	39	*	0.04		
	Brussels ...	*	*	*	*	*	30.41	+22	37	37	+2	NW	1	0	0	46	34	*	0.12		
	Berlin ...	29.77	36	NNW	4	0	29.99	+31	29	28	-8	NNW	3	0	0	41	28	*	0.08		
SPAN. PEN.	Frankfurt ...	30.13	38	W	4	3	30.23	+13	36	34	+6	W	4	0	3	38	30	*	0.04		
	Munich ...	30.09	30	SW	7	S	30.17	+04	30	30	+7	SW	6	0	S	32	23	*	0.04		
	C. Gris Nez ...	30.35	40	N	6	0	30.45	+19	40	37	-2	NNE	5	0	5	48	37	*	-		
	Brest ...	30.50	49	N	2	0	30.60	?	42	39	-6	NE	2	0	2	50	39	*	-		
	Lorient ...	30.45	48	N	4	0	30.58	+17	44	43	-2	NNE	3	0	2	54	43	*	-		
	Rochefort ...	30.44	44	E	3	0	30.57	+14	38	36	+6	ESE	3	0	0	45	32	*	-		
	Biarritz ...	30.43	45	NE	3	3	30.50	+15	38	36	+2	E	2	0	2	45	36	*	-		
	Paris ...	30.34	43	NNW	3	0	30.47	+17	39	36	+11	NNW	4	0	0	44	28	*	-		
	Belfort ...	30.26	28	SW	5	S	30.34	+05	30	28	+12	NW	1	0	0	32	18	*	-		
	Lyons ...	30.30	34	NW	1	0	30.37	+03	33	32	+7	N	2	0	0	36	26	*	-		
SPAN. PEN.	Nice ...	29.94	42	Z	0	3	29.93	-13	37	33	+2	E	3	0	1	48	35	*	-		
	Perpignan ...	30.14	41	NW	6	3	30.18	+04	45	38	+4	NW	6	0	3	48	40	*	-		
SPAN. PEN.	Corunna ...	30.24	47	NNE	5	3	30.24	+08	41	36	-2	NNE	5	0	3	52	39	*	-		
	Azores (P. Delgada) ...	30.25	59	NE	5	0	30.29	+25	59	54	+1	NE	4	0	4	63	57	*	-		

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 29<sup>th</sup> November, 1901.

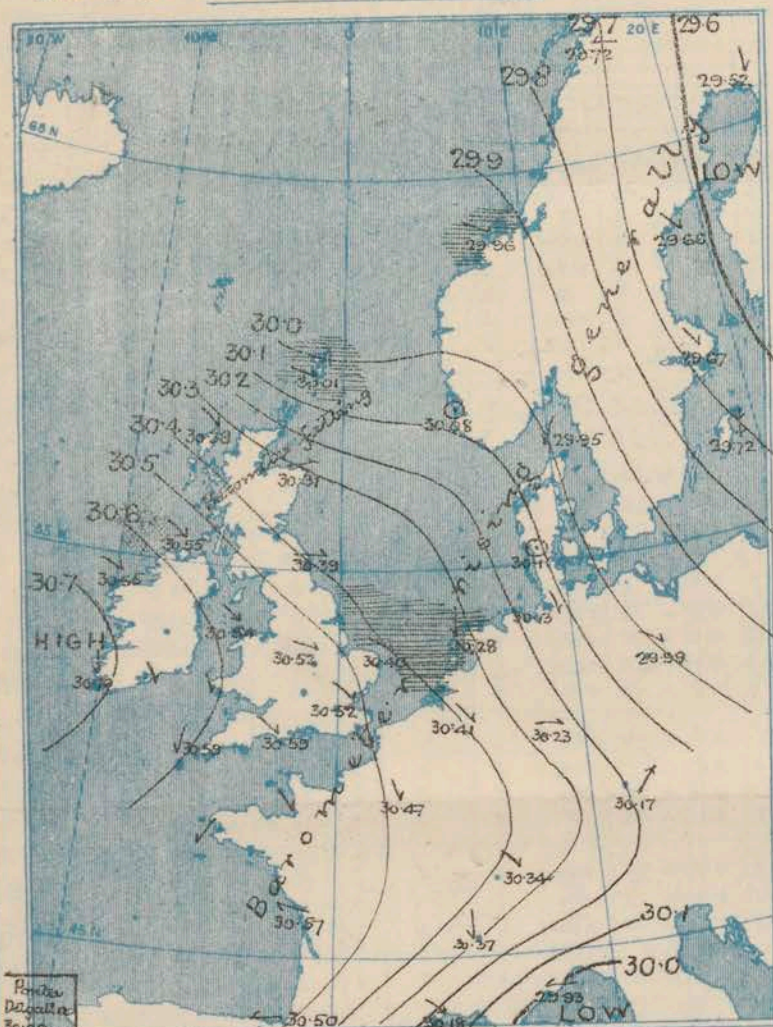
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

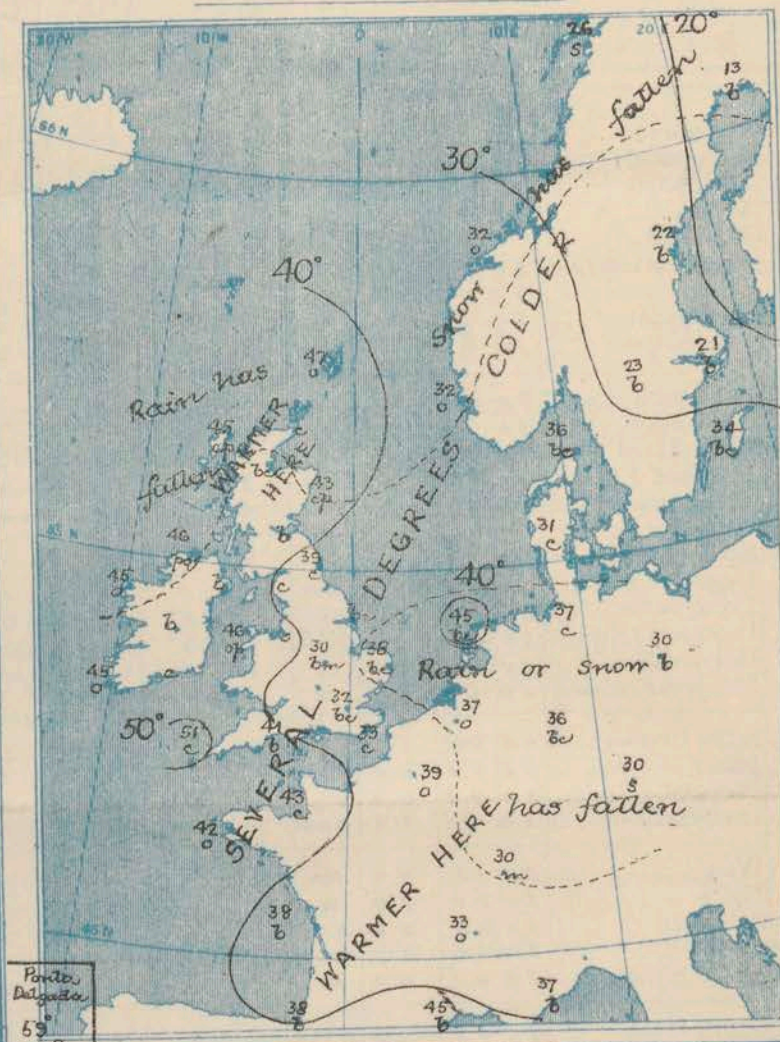


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

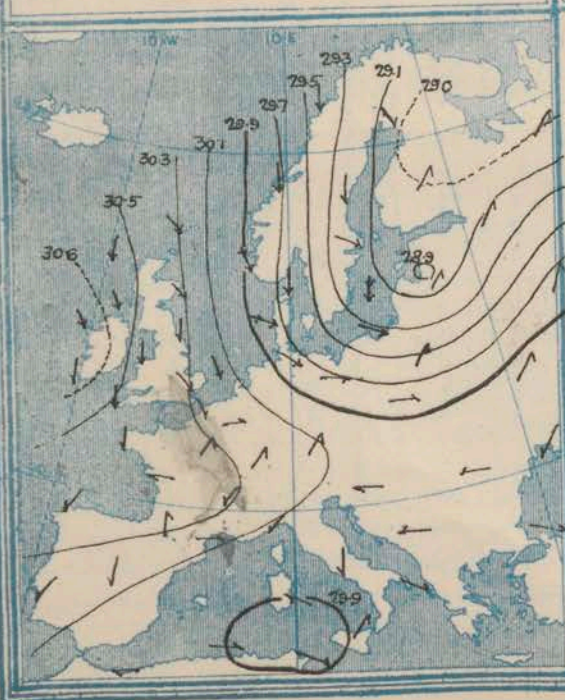
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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.

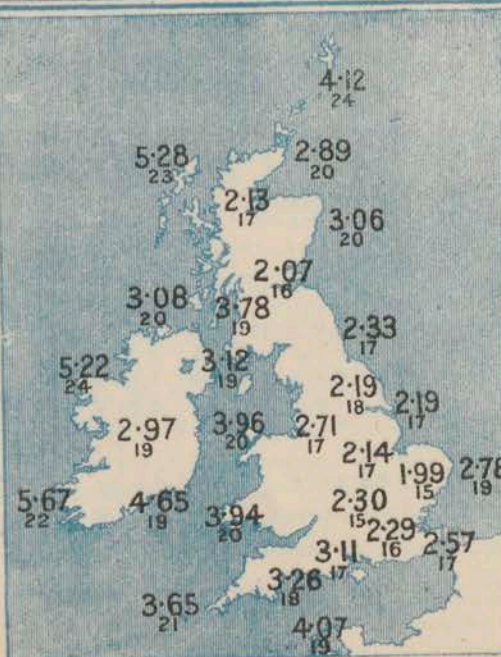


## IV. Average RAINFALL and NUMBER OF RAIN DAYS

in month of NOVEMBER (1871-1900)

Specimen { RAINFALL 2.33  
(for Shields) { RAIN DAYS 17

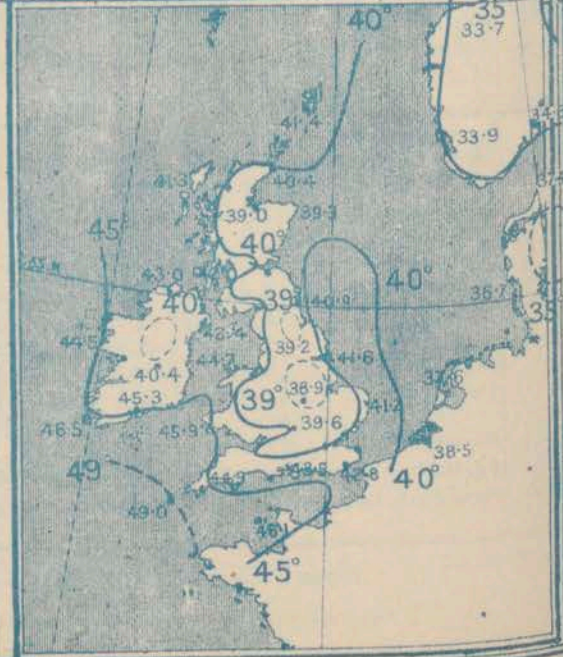
Mahin Head & Blacksod & Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

December-November (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Pressure is still highest, 30 ins. and upwards, over the greater part of Ireland and lowest 29.6 ins. and less over the Gulf of Bothnia and Finland. It is, however, relatively low (30.0 ins) to the northward of the Shetlands and also over the Gulf of Genoa. Gradients have become moderate in the northern and eastern parts of our area, and continue slight in the west and southwest. The barometer is rising in most parts of northwestern Europe but is falling rather decidedly on our own northern coasts towards which a secondary disturbance has advanced during the night.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind has consequently backed towards west at some of the Scotch stations and to northwest in most other parts of our Islands, but is still N<sup>W</sup> on our extreme southwestern coasts. Over the countries lying to the N<sup>E</sup> and E<sup>d</sup> of the North Sea it is mainly W<sup>W</sup> or NW<sup>W</sup>, and in the south and southwest of France E<sup>W</sup>. It is moderate or light in force almost everywhere, but blows freshly or strongly in the north of Ireland and at Munich and with the force of a gale at Wisby. Under the influence of the NW<sup>W</sup> and W<sup>W</sup> current the temperature has risen very briskly in Scotland, where it is now several degrees above the normal. In most other parts of our area the thermometer has fallen and the readings over central Ireland and the greater part of England vary from about 3° to 8° below that value. At most Irish stations and on the western and southwestern coast of England temperature is above the normal; at Scilly the reading is 50° while at Loughborough it is 30°. Over Scandinavia and in some of the inland districts of France and Germany the readings are below 32°. The sky is fairly clear over western Europe as a whole, but cloudy or overcast at some of our northern and northwestern stations, with showers in places, while at Bodo, as well as at Munich, snow is falling. The sea is rather rough in the north and east.

Showers were experienced yesterday at several of our northern and eastern stations, and snow or rain in parts of Germany and Scandinavia. The maximum temperatures were again 50° or slightly above in some extreme western and southwestern localities, but below 45° on our east coast. Very little bright sunshine was recorded. A lunar halo was observed at Leith last night.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone still shows no sign of giving way; the secondary disturbance in the north will probably cause freshening winds from NW. and some showers on our northern coasts, but elsewhere the weather will continue dry and the temperature rather low. Haze or fog may be expected shortly in inland districts.

## FORECASTS \*

For the 24 hours ending at NOON on 30<sup>th</sup> November 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	NW <sup>W</sup> winds, fresh or strong in places, then moderating; changeable some showers.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	W <sup>W</sup> to NW <sup>W</sup> winds, moderate; fair generally, but showers in places.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	NW <sup>W</sup> to N <sup>W</sup> winds, light; fair, cold, haze or fog inland at night and in morning
5	{ ENGLAND SOUTH	



### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as Nos. 0 and 1.
7	{ ENGLAND N.W.	NW <sup>W</sup> winds, light or moderate; fair generally.
8	{ ENGLAND S.W.	NW <sup>W</sup> winds, light or moderate; fair generally, rather cold.
9	{ IRELAND NORTH	NW <sup>W</sup> winds, fresh then moderate; changeable, some showers locally.
10	{ IRELAND SOUTH	Same as No. 8.

### WARNINGS

NONE ISSUED.

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

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



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	bc	*	c, o	45	34	1.3	0.02
Newton Reigny (Penrith)	30.52	33	20	b	30.44	+ 10	35	34	- 1	20	c	*	bc	42	27	4.0	-
Bath	30.46	39	NW 1	m	30.56	+ 18	31	30	- 14	W 1	f	*	m	46	23	3.6	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	45	36	bc	3.7	-	Worthing	*	*	*	2.6	*
Birmingham, 9 p.m.	45	35	b	0.0	-	Llandudno	*	*	*	2.2	*
Lowestoft, 6 p.m.	*	*	*	*	*	Rhyl	*	*	*	3.5	*
Hastings	*	*	*	4.7	*	Southport, 9 p.m.	47	32	b	5.8	-
Eastbourne	*	*	*	3.4	*	Manchester, 9 p.m.	47	32	bc	1.0	-
Brighton	*	*	*	0.7	*	Darwen, 9 p.m.	43	32	bm	5.3	-

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>Nov. 28<sup>th</sup></i>	66	54	c, r	0.08	Algiers	66	54	c, o	0.24
Madrid	45	27	o, b	-	Tunis	68	54	o, m	-
Corsica (I. Sanguinaires)	57	45	m, m	0.08	Vienna	34	27	o, c	-
Rome	53	37	b, b	-	St. Petersburg	32	30	o, o	0.16
Florence	44	36	b, b	-	Lugano	36	-	o	-
Trieste	39	30	b, c	0.04	Davos	23	-	b	-
Brindisi	58	48	c, o	-	Lucerne	30	-	o	-
Naples	54	43	c, o	-	Lausanne	28	-	c	-
Palermo	61	48	o, 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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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.	Corres- ponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding Greenwich Times.	Nov. 29 <sup>th</sup> 1901.	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 ... ..	7.39	11.41	3.43
Germany, Denmark, Norway, Sweden ... }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	7.42	11.48	3.54
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	8.35	12.0	3.26
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	8.25	12.29	4.33
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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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, 30<sup>th</sup> November, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9)	Weather.	TEMP.				
		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	29.63	-4	Z	0	3	29.62	+10	-4	-6	-17	N	2	3	21	-4					
	Hernösand	29.63	13	Z	0	3	29.54	-12	10	9	-12	Z	0	3	36	10					
	Stockholm	29.75	18	Z	0	3	29.59	-08	22	21	+1	Z	0	3	27	16					
	Wisby	29.79	26	N	8	3	29.60	-12	31	29	-3	NW	4	0	37	25					
	Karlstad	29.75	25	Z	0	0	29.57	-30	28	27	+5	NNE	2	0	0.5						
	Färder (X'ianta Fjord)	29.74	32	SW	4	3	29.54	-43	33	30	+1	NNW	2	0	34	30		0.04			
	Bodö	29.51	25	E	2	5	29.56	-16	20	19	-6	SSW	4	3	27	19					
	Christiansund	29.49	41	SW	6	7	29.52	-44	34	32	+2	S	3	5	41	28		0.35			
BRITISH ISLANDS.	Skudesnaes	29.82	45	NW	8	7	29.73	-35	47	45	+15	NW	9	0	47	32					
	Sumburgh Head	29.94	46	WNW	5	0	29.80	-21	48	45	+1	W	6	0	48	45		0.06			
	Stornoway	30.29	48	WNW	4	0	30.12	-26	49	48	+4	NW	2	0	50	43	1.4	0.04			
	Malin Head	30.47	47	WNW	6	0	30.35	-20	49	49	+3	W	5	0	49	44		0.06			
	Blacksod Pt.	30.62	46	WNW	3	0	30.49	-16	47	45	+2	W	3	0	48	43		0.02			
	Valencia	30.67	44	Z	0	0	30.59	-11	43	42	-2	N	1	0	48	39	0.1	0.09			
	Roche's Point	30.65	46	WNW	3	0	30.58	-11	45	42	0	WNW	3	0	47	43					
	Parsonstown	30.61	44	WNW	1	0	30.53	-12	40	39	+3	SE	1	0	46	35	1.7				
GERMANY, &c.	Donaghadee	30.50	45	WNW	3	0	30.40	-13	44	43	+3	WNW	3	0	46	39		0.02			
	Liverpool Obsy.	30.47	46	W	5	0	30.42	-11	45	44	+2	W	5	0	47	43					
	Holyhead	30.53	47	WNW	5	0	30.47	-07	45	43	-1	W	5	0	47	43					
	Pembroke (St. Ann's)	30.58	46	NW	3	0	30.55	-04	47	44	+1	NW	3	0	48	43	0.0				
	Scilly (St. Mary's)	30.63	49	NNW	3	0	30.57	-02	48	45	-3	NNW	4	0	52	42	0.2				
	Jersey (St. Aubins)	30.57	46	WNW	2	0	30.58	-02	47	44	+4	WNW	3	0	47	43	0.3	0.02			
	Portland Bill	30.55	47	NW	4	0	30.53	-06	47	44	+6	NW	4	0	48	41					
	Dungeness	30.49	38	NW	2	0	30.46	-04	42	41	+9	NW	3	0	46	32					
FRANCE.	Wick	30.12	45	NW	4	0	29.96	-24	49	47	+3	WNW	7	0	49	42		0.04			
	Nairn	30.26	45	W	1	0	30.11	-22	52	48	+7	W	2	0	52	43					
	Aberdeen	30.24	46	W	3	0	30.09	-22	49	45	+6	WSW	3	0	49	43	3.0				
	Leith	30.31	42	WSW	3	0	30.21	-18	48	46	+7	WSW	4	0	50	40					
	North Shields	30.33	43	W	3	0	30.24	-15	44	43	+5	W	3	0	47	37					
	Spurn Head	30.35	44	WNW	5	0	30.30	-13	45	45	+7	W	5	0	46	36					
	Yarmouth	30.35	41	WNW	3	0	30.32	-08	44	43	+6	WNW	4	0	44	36		0.02			
	Loughborough	30.48	42	W	3	0	30.43	-09	44	43	+14	W	2	0	44	30					
SPAN. PEN.	Oxford	30.52	40	W	2	0	30.49	-08	41	39	+8	W	2	0	45	33					
	London (Brixton)	30.51	43	W	1	0	30.47	-05	43	40	+11	WNW	2	0	44	31	0.0				
	The Scaw (Skagen)	29.80	33	SE	3	5	29.56	-39	40	35	+4	NW	5	0	40	32		0.08			
	Fanø	29.92	45	WNW	6	7	29.86	-25	46	44	+15	WNW	8	0	46	31		0.08			
	Cuxhaven	30.05	43	W	4	7	29.99	-14	45	44	+8	NW	4	0	46	37		0.20			
	The Helder	30.24	47	NW	4	7	30.23	-05	49	45	+4	NW	5	0	49	45		0.04			
	Brussels						30.39	-02	41	41	+4	WSW	1	0	45	35		0.04			
	Berlin	30.05	33	W	2	0	29.85	-14	42	41	+13	W	4	0	43	29		0.16			
SPAN. PEN.	Frankfurt	30.26	40	W	2	0	30.29	+06	40	38	+4	SW	3	0	41	36					
	Munich	30.30	31	W	7	5	30.32	+15	32	31	+2	W	7	0	32	30					
	C. Gris Nez	30.48	42	NW	5	7	30.41	-04	41	40	+1	WNW	5	0	46	37					
	Brest	30.59	47	NE	1	0	30.62	+02	46	46	+4	N	1	0	50	42					
	Lorient	30.63	46	NE	1	0	30.59	+01	46	46	+2	N	1	0	52	43					
	Rochefort	30.64	41	N	3	0	30.58	+01	33	32	-5	E	2	0	48	30					
	Biarritz	30.59	45	ENE	2	7	30.61	+11	46	37	+8	E	4	0	46	38					
	Paris	30.55	39	NW	2	0	30.52	+05	38	36	-1	SW	1	0	44	32					
SPAN. PEN.	Belfort	30.48	32	WSW	4	7	30.50	+16	31	31	+1	WSW	6	0	40	30					
	Lyons	30.50	34	N	4	0	30.60	+23	34	33	+1	WNW	4	0	39	33					
	Nice	30.10	42	E	3	0	30.23	+30	39	33	+2	E	5	0	52	37					
	Perpignan	30.33	45	NW	6	0	30.42	+24	41	36	-4	NW	4	0	49	39					
	Corunna																				
	Lisbon	30.20	49	NNE	5	0	30.23	+01	44	39	+3	NNE	5	0	54	41					
	Azores (P. Delgada)	30.35	60	ENE	4	0	30.30	+01	56	54	-3	ENE	3	0	63	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 Saturday 30<sup>th</sup> November, 1901.

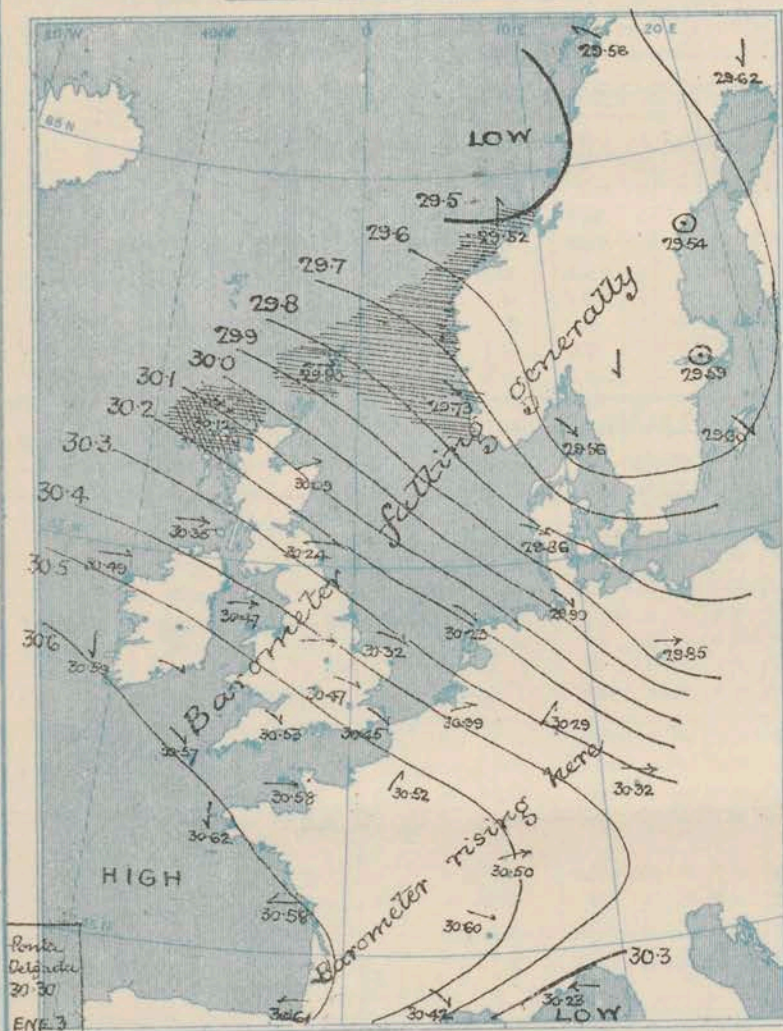
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

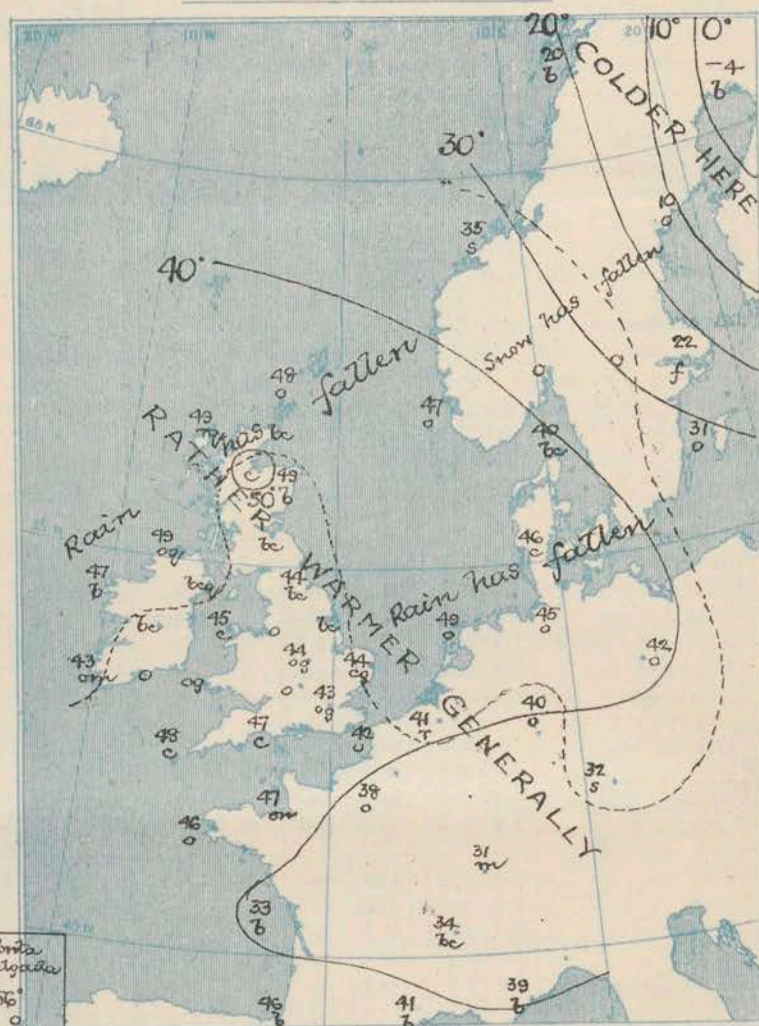


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

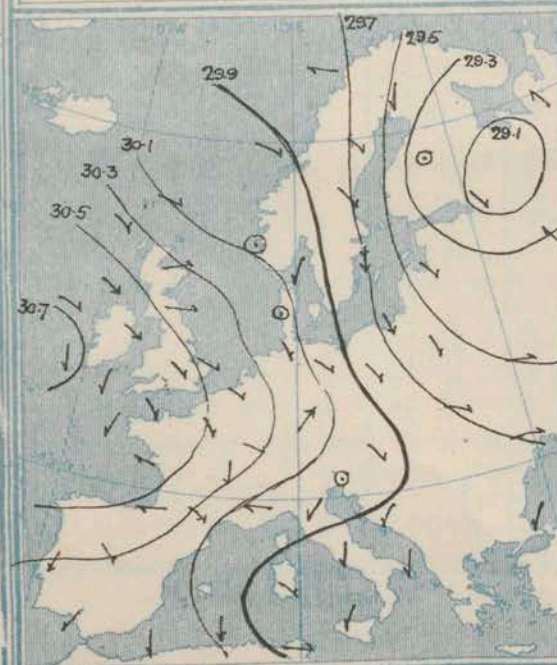
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

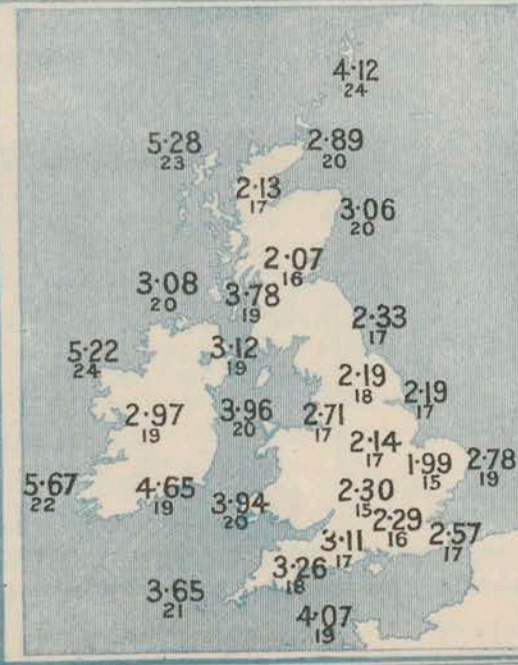
Yesterday morning.



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

Specimen { RAINFALL 2.33  
(for Shields) { RAIN DAYS 17

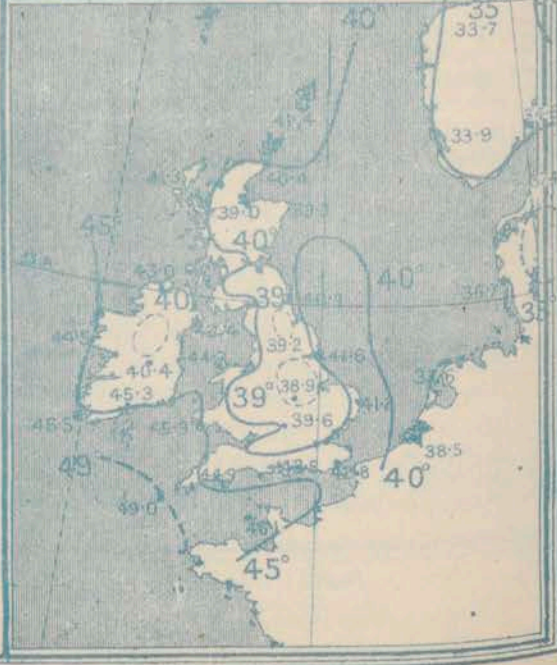
Malin Head & Blacksod & Belmullet Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

December-November (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The barometer is highest, 30.6 ins. and upwards, to the S<sup>d</sup> of Ireland and over the Bay of Biscay and lowest 29.5 ins. and less in a cyclonic disturbance off the NW<sup>d</sup> of Norway; it is below 29.6 ins. over nearly the whole of Scandinavia. Gradients are rather steep over the north of our Islands, the North Sea, and Germany, slight elsewhere. The barometer is now falling over northwestern Europe generally—most in the north and northeast.

## WIND

NW<sup>y</sup> and W<sup>y</sup> winds still prevail over the United Kingdom and its immediate neighbourhood, but in the north of Norway and also in the south of France the wind is E<sup>y</sup>. The former current is of no great strength generally, but is strong to a gale on the eastern shores of the North Sea, and in the extreme north of Scotland, as well as at Munich.

## TEMPERATURE

Temperature has risen over our Islands and Germany—quickly over central England—and is now above the normal over the United Kingdom generally. In Scotland the readings have fallen, and the reading at Haparanda is now 4° below zero. The weather is fine and bright at a few of our own stations, as well as in the extreme north of Scandinavia and the south and southwest of France; in all other regions the weather is cloudy or dull. Rain is falling at Stornoway, and snow at Christiansund and Munich. The sea is rough in the extreme north, moderate to slight elsewhere.

## WEATHER

## AND

## SEA

Slight rain has fallen during the past 24 hours in the north and extreme west of our Islands, as well as at Yarmouth, in the Netherlands, and north Germany, and some snow in parts of Norway, but elsewhere the weather has been dry. Temperature again exceeded 50° in the Scilly Islands, and rose to that value in some parts of Scotland also, but over central England it did not rise above 45°. Four or five hours of bright sunshine were recorded on our southern coast yesterday and six and a half at Harrogate; elsewhere there was very little.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance in the north appears likely to move ESE<sup>d</sup> and to cause strong winds or gales in the north and east of Scotland generally. The anticyclone will probably move rather more to the southeastward or eastward and differ very little in height. Fair but cloudy weather is indicated for all our more southern and southwestern districts.

## FORECASTS \*

For the 24 hours ending at NOON on 1<sup>st</sup> December 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	NW <sup>y</sup> strong winds and gales, moderating later; squally, some showers.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	W <sup>y</sup> to NW <sup>y</sup> winds, fresh to moderate; cloudy or dull, showers locally. Mild.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	W <sup>y</sup> and NW <sup>y</sup> winds, light or moderate; mild, fair as a whole.
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	NW <sup>y</sup> winds, fresh or strong in places. unsettled, some showers.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	NW <sup>y</sup> winds, light or moderate; fair, mild.
9	{ IRELAND NORTH	Same as Nos 6 and 7.
10	{ IRELAND SOUTH	Light winds, mainly NW <sup>y</sup> fair as a whole.

### WARNINGS

At 10 am. today to district 1 and part of 0, "HOIST NORTH CONE"

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

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



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp.	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	3	43 34	5.5	—
Newton Reigny (Penrith)	30.39	45	W 3	0	30.33 - .06	44	43	+ 9	WSW 4	0	*	co g	48 34	2.0	—
Bath	30.53	40	W 1	0	30.51 - .05	43	41	+ 12	W 1	m	*	*	46 33	1.5	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	46	32	0	6.5	—	Worthing	*	*	*	4.6	*
Birmingham, 9 p.m.	44	31	0	0.0	—	Llandudno	*	*	*	*	*
Lowestoft, 6 p.m.	43	35	3 w	?	0.15	Rhyl	*	*	*	0.5	*
Hastings	*	*	*	5.2	*	Southport, 9 p.m.	47	31	o, c, o	0.3	0.01
Eastbourne	*	*	*	5.2	*	Manchester, 9 p.m.	46	28	o u	0.0	—
Brighton	*	*	*	3.8	*	Darwen, 9 p.m.	43	29	o u	1.4	—

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) Nov. 29	68	52	b, r	3.39	Algiers ... Nov. 29 <sup>TH</sup>	54	48	o, o	0.21
Madrid	45	25	b, b	—	Tunis	66	52	o, o	0.43
Corsica (I. Sanguinaires)	54	43	m, m	—	Vienna	36	30	s, s	?
Rome	57	34	b, b	—	St. Petersburg	—	—	o, s	0.08
Florence	44	28	b, b	—	Lugano ... Nov. 28 <sup>TH</sup>	41	—	b	Measured 7 a.m. 28
Trieste	43	36	b, b	—	Davos	28	—	b	—
Brindisi	53	46	o, o	—	Lucerne	32	—	b	—
Naples	52	39	o, b	—	Lausanne	36	—	m	—
Palermo	59	51	r, r	0.45					

## 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.

	Nov. 30 <sup>TH</sup> , 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.41	11.42	3.43	
Greenwich	7.44	11.49	3.54	
Wick	8.37	12.1	3.25	
Valencia	8.27	12.30	4.32	

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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.		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° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.				Direc.	Force (0 to 12).			Max.
Ins.	°					Ins.	Ins.	°	°	°									Hours.	Ins.	
1	Stornoway	30.49	40	Z	0	b	30.38	-16	33	33	0	Z	0	b	0	b	52	31	5.8	-	
"	P. Delgada	30.05	68	SSW	4	bc	29.98	-11	63	61	-3	W	4	r	3	bc	72	61	-	0.24	
2	Stornoway	30.28	43	Z	0	b	30.33	-05	34	33	+1	Z	0	c	0	b	57	32	7.7	-	
3	Cornwall	30.07	59	SW	3	f	30.19	?	54	52	?	NNW	3	f	?	f	59	46	-	-	
4	Stornoway	30.31	46	Z	0	o	30.27	-06	51	49	+17	SW	1	o	1	b, o	58	23	5.9	0.04	
5	Stornoway	30.28	50	Z	0	o	30.27	0	44	44	-7	Z	0	o	0	om, o	53	37	0.0	-	
"	Stornoway	30.26	52	SW	2	o	30.28	+01	52	51	+8	SW	4	o	4	om, o	53	43	0.0	0.02	
"	Cornwall	29.99	64	SE	3	bc	30.07	?	54	50	?	SE	3	o	2	bc	65	47	-	-	
"	Lisbon	29.99	57	ENE	4	bc	30.04	+08	58	54	+3	NNE	5	bc	-	bc	65	56	-	0.04	
"	P. Delgada	29.99	59	N	3	b	30.00	-03	59	55	0	N	2	b	1	b	65	57	-	0.04	
6	Stornoway	30.25	52	WSW	4	o	30.22	-06	48	46	-4	NW	2	c	2	o	57	45	0.0	0.09	
"	Cornwall	30.14	62	SE	2	b	30.15	+08	46	44	-8	?NE	3	f	2	b	63	39	-	-	
"	Azores	30.06	63	SSW	2	o	30.04	+04	65	61	+6	S	4	c	3	o	68	63	-	-	
7	Stornoway	30.18	47	NW	4	o	30.19	-03	45	45	-3	WNW	2	c	2	c, o	51	41	1.9	0.03	
"	Cornwall	30.10	63	NE	3	o	30.11	-04	46	45	0	NE	1	f	2	b	63	39	-	-	
8	Stornoway	30.11	49	WNW	3	o	30.02	-17	49	47	+4	WNW	4	o	4	o	54	43	1.7	0.09	
"	Cornwall	30.10	59	NE	1	b	30.11	0	45	44	-1	NE	1	f	2	b	63	37	-	-	
9	Stornoway	29.98	48	WNW	3	r	29.83	-19	50	50	+1	SW	2	f	2	or	55	46	0.0	0.28	
10	Cornwall	30.10	59	NE	1	f	30.10	?	44	42	?	NE	3	f	2	f	59	36	-	-	
"	Lisbon	30.15	59	WNW	2	b	30.18	+03	46	44	-6	N	4	b	-	b	63	45	-	-	
11	Stornoway	29.65	45	W	2	b	29.68	-01	45	45	-1	NW	2	r	2	b	53	40	1.8	0.17	
"	Cornwall	30.15	51	NE	1	f	30.12	-07	42	39	-2	NE	1	f	2	f	55	36	-	-	
"	Lisbon	30.15	53	WNW	2	b	30.13	-05	42	40	-4	NNE	4	b	-	b	61	39	-	-	
12	Cornwall	29.99	55	NE	2	f	29.81	-31	48	43	+6	SE	3	b	2	f	55	37	-	-	
"	Lisbon	30.01	54	Z	0	f	29.92	-21	47	45	+5	NE	4	o	-	b	61	42	-	-	
"	P. Delgada	29.75	67	WSW	4	bc	29.74	-05	66	62	-1	W	4	bc	-	bc	72	64	-	-	
13	Sumburgh Hd.	29.74	38	NE	4	o	29.67	-09	32	32	-1	NE	3	s	6	o	38	31	-	0.06	
"	Stornoway	29.69	40	E	8	c	29.75	+05	35	34	-7	NNE	4	cq, b	4	c	45	33	0.1	0.21	
"	Wick	29.61	38	ENE	8	bc	29.63	-04	37	36	-3	ENE	4	cq, b	5	bc, q, b	42	35	-	0.11	
"	Nairn	29.55	41	NE	4	c	29.65	+02	36	35	-3	ENE	4	o, h, s	4	c	42	33	-	0.10	
"	Aberdeen	29.48	42	ENE	9	o	29.55	-05	40	34	-2	NE	6	bc, q	7	o	43	39	0.0	0.01	
"	Leith	29.27	42	ENE	7	o	29.48	+03	42	42	+2	ENE	6	c	-	o, r, s	44	38	-	0.52	
"	Scaw	29.74	36	ESE	3	bc	29.60	-07	32	32	-6	E	6	c	2	bc	39	32	-	-	
"	Brussels	-	-	-	-	-	29.29	-42	45	?	+3	SSW	6	r	-	r	46	40	-	0.04	
"	Cornwall	29.61	59	SSW	6	o	29.81	0	53	50	+5	N	8	r	6	o	61	48	-	0.12	
"	Newton Reigny	28.99	39	NE	6	r	29.30	-02	36	35	-3	N	6	r, s, q	-	o, r, s	40	35	0.0	0.78	
14	Scaw	29.43	32	E	7	s	29.18	-42	32	32	0	E	8	s	3	s	32	28	-	0.12	
"	Cornwall	?	?	?	5	bc	?	?	52	?	+1	N	5	c	6	bc	55	41	-	0.16	
"	Lisbon	29.81	56	WNW	3	b	29.63	-06	60	59	+2	SSW	5	o	-	b	64	55	-	0.16	
15	Scaw	29.08	31	NE	9	s	29.37	+19	30	30	-2	NE	4	s	1	s	32	28	-	0.08	
"	Nice	29.60	53	SW	5	bc	29.56	0	51	?	+2	Z	0	o	6	bc	63	45	-	-	
"	P. Delgada	29.67	58	NNE	5	r	29.90	+36	57	52	-7	N	4	c	3	r	68	55	-	0.16	
16	Scaw	29.54	30	ENE	1	bc	29.70	+33	28	28	-2	WSW	2	c	0	bc	30	28	-	-	
"	Cornwall	29.45	54	NE	3	f	29.81	?	43	41	?	NE	2	o	3	f	54	37	-	-	
"	P. Delgada	30.10	56	NNE	3	bc	30.14	+24	55	52	-2	N	2	o	2	bc	63	54	-	0.16	
18	Cornwall	30.12	57	NE	3	b	30.47	+42	43	41	-2	NE	3	f	2	b	57	36	-	-	
19	Cornwall	30.47	59	NE	1	b	30.51	+04	40	38	-3	E	3	f	2	b	59	34	-	-	
20	Malin Head	-	-	-	-	-	29.68	+06	46	46	-5	E	3	r	4	r	52	44	-	1.38	
"	Cornwall	30.38	57	E	1	bc	30.40	-11	39	37	-1	ENE	2	f	3	bc	57	32	-	-	
21	Cornwall	30.35	53	ENE	2	b	30.21	-19	38	37	-1	ENE	3	f	3	b	54	?	-	-	
22	Gris Nez	29.86	53	WSW	6	o	29.89	-05	49	47	-3	?WNW	4	c	4	o	52	46	-	-	
"	Cornwall	30.12	52	ENE	2	f	?	?	37	36	-1	NE	3	f	5	f	54	?	-	-	
23	Cornwall	30.20	54	NE	1	b	30.21	?	44	42	+7	NE	3	f	3	b	55	?	-	-	
25	Cornwall	30.32	52	ENE	3	b	30.29	-04	47	42	-3	NE	3	o	3	b	54	37	-	-	
26	Cornwall	30.21	47	NE	4	o	30.07	-22	38	36	-9	ENE	3	bc	2	o	49	?	-	-	
27	Cornwall	30.02	52	ENE	5	o	30.13	+06	50	46	+12	NE	5	o	2	o	52	38	-	-	
"	Lisbon	30.02	46	N	1	c	30.05	+06	40	38	+1	NNE	4	o	-	c	52	39	-	-	
29	P. Delgada	29.95	53	?	3	b	29.83	-12	53	50	-11	N	1	o	2	b	66	52	-	-	
29	Cornwall	30.17	52	NE	4	b	30.37	+24	?	44	?	NE	4	o	3	b	52	43	-	-	
30	Cornwall	30.44	52	NE	4	bc	30.45	+08	50	47	?	NE	4	o	5	bc	52	45	-	-	
"	Cornwall	30.20	54	ENE	6	c	30.41	-04	48	?	-2	NE	2	c	1	c	55	41	-	-	
2. Corrections																					
1.	Shields	3054																			
"	Jersey																				
"	Dunghness						30.28	+03									54				
2	Munich																				
"	Liverpool																				
"	Pembroke			E																	
"	Dunghness							+11													
"	Scilly																55				



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