

METEOROLOGICAL OFFICE.

---

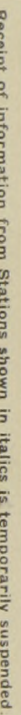
DAILY WEATHER REPORTS.

---

1<sup>ST</sup> JULY TO 31<sup>ST</sup> DECEMBER 1915.



		DATE.	
		1	1
		2	2
		3	3
		4	4
		5	5
		6	6
		7	7
		8	8
		9	9
		10	10
		11	11
		12	12
		13	13
		14	14
		15	15
		16	16
		17	17
		18	18
		19	19
		20	20
		21	21
		22	22
		23	23
		24	24
		25	25
		26	26
		27	27
		28	28
		29	29
		30	30
		31	31
		32	32
		33	33
		34	34
		35	35
		36	36
		37	37
		38	38
		39	39
		40	40
		41	41
		42	42
		43	43
		44	44
		45	45
		46	46
		47	47
		48	48
		49	49
		50	50
		51	51
		52	52
		53	53
		54	54
		55	55
		56	56
		57	57
		58	58
		59	59
		60	60
		61	61
		62	62
		63	63
		64	64
		65	65
		66	66
		67	67
		68	68
		69	69
		70	70
		71	71
		72	72
		73	73
		74	74
		75	75
		76	76
		77	77
		78	78
		79	79
		80	80
		81	81
		82	82
		83	83
		84	84
		85	85
		86	86
		87	87
		88	88
		89	89
		90	90
		91	91
		92	92
		93	93
		94	94
		95	95
		96	96
		97	97
		98	98
		99	99
		100	100





# DAILY WEATHER REPORT. APPENDIX I.

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

### THIRD QUARTER, JULY TO SEPTEMBER.

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

JULY.	STATIONS.	PRESSURE. 1906-1910.  7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910.  Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1910.  Average Duration. Per Centage of Possible Duration.	
			Means of				Absolute Extremes.							
			1908-1910.		1876-1910.		1876-1910.							
			Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
							Temp.	Year.	Temp.	Year.				
Sumburgh Head.....	29'862	50°5	49°0	57°0	48°0	70	1897	37	1888	18	In.	Hr.	%	
Stornoway.....	29'897	52°5	50°7	60°1	48°9	76	1894	32	1888	20	2'32	144	27	
Castlebay (Barra Isd.)..	[29'874]†	[53°9]†	[51°9]†	[58°3]†	[51°3]†	[71]†	[1908]†	[47]†	[1910]†	[19]†	[2'95]†	[161]†	[31]†	
Malin Head.....	29'903	54°1	53°1	[60°6]†	[52°4]†	[75]†	[1887]†	[42]†	[1888, 02]†	[19]†	[2'88]†	—	—	
Blackod Point.....	29'955	56°3	54°5	[62°3]†	[53°4]†	[80]†	[1894]†	[42]†	[1898]†	[22]†	[3'14]†	—	—	
Valencia.....	30'012	56°8	54°8	63°9	53°7	80	1878	40	1907	20	3'61	156	32	
Roche's Point.....	30'014	56°5	54°9	65°2	53°8	84	1878	43	1907	15	2'88	—	—	
Birr Castle.....	29'983	56°8	52°1	66°2	51°7	89	1876	37	1889	17	2'99	142	28	
Donaghadee.....	29'953	54°1	52°5	63°3	51°8	81	1876	40	1883, 02	17	2'91	—	—	
Liverpool (Observatory).....	29'971	56°1	53°4	65°6	54°2	88	1901	44	1877	15	2'69	[186]†	[37]†	
Holyhead.....	29'989	50°7	54°9	63°3	53°6	85	1901	43	1888	16	2'71	—	—	
Pembroke (St. Ann's Hd.).....	29'993	55°6	54°4	62°3	54°7	80	1878	43	1910	15	2'47	209	42	
Scilly (St. Mary's).....	30'146	57°6	55°5	64°7	56°4	75	1886, 01, 02	47	1910	16	2'24	218	45	
Jersey (St. Aubin's).....	30'056	59°3	57°0	68°3	56°3	87	1900, 01	44	1907, 09	13	2'01	247	51	
Portland Bill.....	30'010	57°5	55°8	64°7	55°9	[79]†	[1901]†	[49]†	[1900, 07]†	11	1'75	—	—	
Dungeness.....	29'988	58°0	56°0	66°5	55°4	82	1900	40	1890	12	1'88	—	—	
Dover.....	[29'983]†	[58°0]†	[55°7]†	[64°7]†	[52°8]†	[74]†	[1903]†	[46]†	[1908, 09, 10]†	[15]†	[2'61]†	[180]†	[37]†	
Wick.....	29'885	52°2	50°3	61°1	48°4	81	1876	30	1886	18	2'66	—	—	
Nairn.....	29'892	53°0	50°7	64°2	49°4	86	1876	36	1906	17	2'67	[135]†	[26]†	
Aberdeen.....	29'909	54°5	51°9	63°1	50°3	86	1876	38	1898, 03	17	2'79	160	30	
Leith.....	29'915	55°4	52°3	66°0	51°3	90	1878	41	1887, 8, 92, 03	17	2'73	—	—	
North Shields.....	29'931	55°5	52°9	64°2	55°1	85	1876	39	1909	15	2'60	—	—	
Spurn Head.....	29'944	58°4	54°3	64°9	54°6	[84]†	[1881, 1900]†	[44]†	[1882]†	13	1'82	—	—	
Yarmouth.....	29'959	57°1	54°6	66°0	54°6	87	1881	42	1890	14	2'44	[177]†	[36]†	
Clacton-on-Sea.....	29'988	58°0	55°5	67°7	54°6	[82]†	[1905]†	[40]†	[1902]†	10	1'80	[202]†	[41]†	
Nottingham.....	29'974	56°7	54°4	70°1	52°1	92	1876	37	1888	15	2'39	[190]†	[38]†	
Bath.....	30'019	58°5	56°4	69°4	58°4	[91]†	[1876]†	[39]†	[1906]†	13	2'53	204	41	
Oxford.....	29'987	58°3	54°8	70°0	53°5	90	1876, 00	41	1888	14	2'47	201	41	
LONDON { Westminster.....	29'990	57°8	55°1	[69°7]†	[54°8]†	[83]†	[1908]†	[45]†	[1907]†	[14]†	[1'99]†	179	36	
{ Kew.....	30'009	57°7	54°8	70°8	54°3	90	1881	43	1882, 84	13	2'30	204	41	
Sumburgh Head.....	29'786	51°5	49°9	57°2	48°3	82	1910	38	1885, 95, 09	20	3'11	—	—	
Stornoway.....	29'838	52°9	51°3	60°0	49°0	75	1897, 99	33	1888	22	3'86	132	28	
Castlebay (Barra Isd.)..	[29'872]†	[54°2]†	[52°5]†	[58°5]†	[51°5]†	[68]†	[1910]†	[47]†	[1908, 09]†	[20]†	[4'07]†	[139]†	[30]†	
Malin Head.....	29'856	54°8	51°0	[61°0]†	[52°9]†	[80]†	[1900]†	[43]†	[1891]†	[22]†	[3'69]†	—	—	
Blackod Point.....	29'907	57°0	55°1	[62°0]†	[53°5]†	[78]†	[1899]†	[42]†	[1897, 88]†	[23]†	[4'84]†	—	—	
Valencia.....	29'976	57°5	55°5	64°2	53°9	81	1899	42	1890	23	5'09	152	34	
Roche's Point.....	29'985	56°6	55°6	64°9	53°8	80	1880	44	1883, 03, 01	17	4'01	—	—	
Birr Castle.....	29'949	56°5	54°9	65°6	51°2	82	1893, 99, 00	35	1885, 87	18	3'85	142	32	
Donaghadee.....	29'912	54°6	53°3	63°1	52°0	78	1899	38	1886	19	3'27	—	—	
Liverpool (Observatory).....	29'941	56°7	54°2	65°1	54°0	85	1876, 84, 93, 99	44	1885	17	3'16	[161]†	[36]†	
Holyhead.....	29'941	57°3	55°7	63°4	54°1	83	1893	45	1888	17	3'39	—	—	
Pembroke (St. Ann's Hd.).....	29'971	57°0	55°8	62°8	55°3	78	1899	47	1885, 88	16	3'27	193	43	
Scilly (St. Mary's).....	30'126	58°7	56°9	65°0	56°9	75	1893, 99	50	1885, 90, 95	17	2'68	224	51	
Jersey (St. Aubin's).....	30'057	61°2	58°5	68°8	57°2	89	1893	45	1890, 09	15	2'43	242	55	
Portland Bill.....	30'003	59°3	57°5	66°5	56°8	[73]†	[1901]†	[49]†	[1904, 10]†	13	2'00	—	—	
Dungeness.....	29'992	59°6	57°6	67°2	56°0	82	1904	39	1890	13	2'13	—	—	
Dover.....	[29'993]†	[59°3]†	[56°9]†	[66°4]†	[53°8]†	[83]†	[1906]†	[46]†	[1908]†	[15]†	[2'49]†	[220]†	[50]†	
Wick.....	29'827	52°4	50°9	61°1	48°2	85	1893	30	1888	20	2'75	—	—	
Nairn.....	29'836	52°7	51°0	63°7	49°1	86	1899	33	1885, 91, 04	19	2'59	[132]†	[28]†	
Aberdeen.....	29'860	54°5	52°4	62°7	49°9	81	1880, 82, 99, 06	33	1885	18	2'95	152	33	
Leith.....	29'866	55°4	52°9	65°6	51°1	85	1893, 1906	38	1881, 92	17	2'95	—	—	
North Shields.....	29'898	55°6	53°4	64°1	51°2	83	1893	39	1892, 02	16	2'84	—	—	
Spurn Head.....	29'927	57°2	55°3	64°9	54°6	[87]†	[1893]†	[46]†	[1900]†	15	2'13	—	—	
Yarmouth.....	29'957	58°0	55°6	66°2	54°4	85	1893	41	1902	15	2'51	[206]†	[46]†	
Clacton-on-Sea.....	29'987	58°9	56°4	67°6	55°0	[84]†	[1905]†	[43]†	[1906]†	13	1'90	[211]†	[47]†	
Nottingham.....	29'957	56°3	54°7	68°7	51°4	94	1876	37	1876, 08	17	2'62	[181]†	[40]†	
Bath.....	30'006	58°0	55°6	68°9	52°5	[92]†	[1876]†	[40]†	[1877, 04]†	14	3'00	196	44	
Oxford.....	30'008	58°9	55°8	68°9	52°7	90	1876, 06	39	1892	14	2'47	187	42	
LONDON { Westminster.....	29'991	58°2	56°2	[69°7]†	[54°7]†	[91]†	[1906]†	[46]†	[1905, 07]†	[13]†	[1'80]†	172	39	
{ Kew.....	30'006	57°9	55°6	69°6	53°6	92	1876	41	1890	14	2'36	191	43	
Sumburgh Head.....	30'000	49°0	47°8	54°8	46°3	69	1898	34	1887, 88	20	3'18	—	—	
Stornoway.....	30'037	50°7	49°1	57°5	46°2	77	1906	32	1885	21	3'96	115	30	
Castlebay (Barra Isd.)..	[30'041]†	[52°4]†	[50°5]†	[56°8]†	[49°9]†	[63]†	[1910]†	[44]†	[1908, 09, 10]†	[16]†	[3'17]†	[129]†	[34]†	
Malin Head.....	30'059	52°8	52°2	[58°8]†	[50°7]†	[84]†	[1906]†	[38]†	[1886]†	[18]†	[2'76]†	—	—	
Blackod Point.....	30'090	55°0	53°2	[60°0]†	[51°2]†	[78]†	[1896]†	[39]†	[1899]†	[20]†	[4'08]†	—	—	
Valencia.....	30'114	53°8	51°7	61°8	51°3	79	1898, 06	35	1899	19	4'09	132	35	
Roche's Point.....	30'127	54°1	53°1	61°8	51°3	74	1880	39	1893	15	3'11	—	—	
Birr Castle.....	30'114	52°4	51°0	61°9	47°2	80	1906	29	1899	15	2'53	125	33	
Donaghadee.....	30'107	52°0	51°0	60°2	49°3	75	1906	36	1882, 94, 99, 09	16	2'62	—	—	
Liverpool (Observatory).....	30'120	53°0	50°7	61°3	50°8	87	1906	39	1885	15	2'55	[114]†	[30]†	
Holyhead.....	30'109	54°9	53°1	60°8	51°9	78	1880	42	1903, 07	16	2'80	—	—	
Pembroke (St. Ann's Hd.).....	30'109	54°3	53°0	60°6	52°9	74	1895	40	1885	15	2'81	150	40	
Scilly (St. Mary's).....	30'223	56°3	54°7	62°3	54°8	73	1899	44	1885, 88	16	2'57	170	46	
Jersey (St. Aubin's).....	30'132	57												



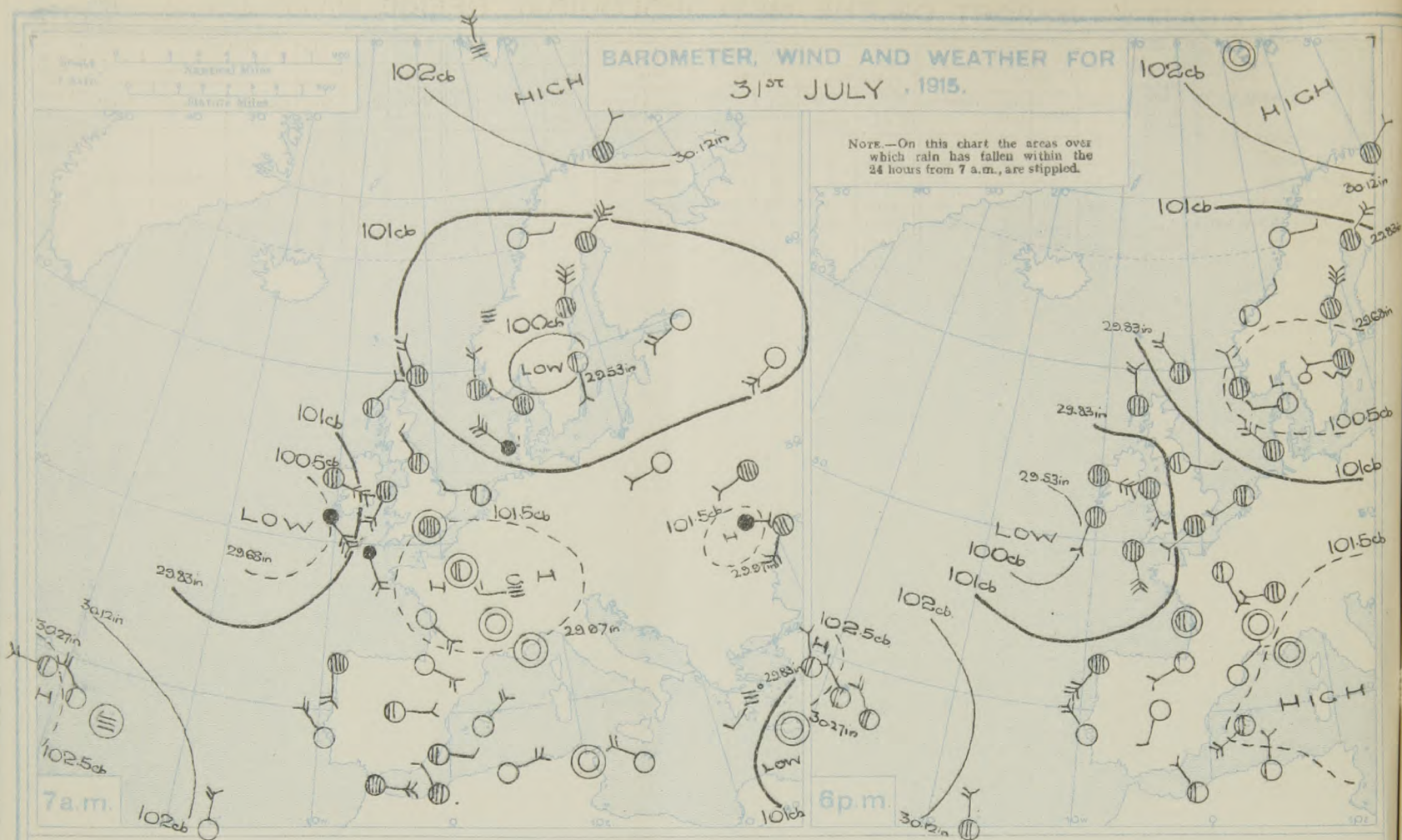
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 213.

Sunday  
1st August 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer.		Temp.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		WEATHER.			
				Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1008.9	58	NW	3	0	1008.8	0	53	+2	N	2	-	0	1	-	56	50	0	0	0	Hours.
	Deerness	1010.1	52	NW	11	0	1009.8	0	50	-2	NNW	2	NW	0	1	-	54	49	0	0	0	0.0
	Stornoway	1011.7	56	N	3	0	1010.0	0	52	+1	NNE	2	-	0	2	-	59	51	0	0	0	6.3
	Castlebay (Barra Isd.)	1010.7	59	NNE	2	b	1008.1	-1	56	+1	N	3	-	0	3	-	61	51	0	0	0	12.0
	Glasgow	1009.9	62	SW	2	c	1008.6	-1	54	+2	ENE	3	-	0	*	Trace	70	51	0	0	0	6.2
	Eskdalemuir	1009.7	63	WSW	2	c	1009.6	0	53	+4	NE	3	SE	0	*	0.2	65	48	0	0	0	5.2
	Malin Head	1009.9	58	SE	3	0	1007.6	-2	55	-1	E	3	SE	0	*	0.2	60	54	0	0	0	2.1
	Blacksod Point	1003.4	56	ESE	6	0	1002.4	-1	54	-1	ESE	5	SE	0	*	0.2	59	53	0	0	0	1.1
	Valencia	1000.8	61	SSW	2	0	997.3	-1	58	+1	ENE	3	E	0	3	12	65	56	0	0	0	3.7
	Roche's Point	1003.6	58	E	2	c	1001.0	0	58	+3	E	3	-	0	4	18	61	53	0	0	0	0.0
	Birr Castle	1004.6	56	SE	3	r	1001.7	0	55	0	E	1	-	0	0	8	57	55	0	0	0	0.0
	Donaghadee	1009.2	59	SSE	2	0	1008.6	-1	55	+3	ESE	3	-	0	3	0.3	61	52	0	0	0	0.0
	Liverpool (Bidston)	1010.1	60	W	1	0	1005.8	-2	58	+6	ESE	3	E	0	2	1	62	52	0	0	0	2.2
	Holyhead	1009.5	60	SSE	3	0	1003.9	-2	58	+1	E	5	S	0	4	1	61	55	0	0	0	0.0
	Pembroke (St. Ann's)	1008.2	58	SSE	5	0	1003.0	-2	58	+2	SW	3	SW	0	4	3	61	56	0	0	0	0.0
	Scilly (St. Mary's)	1005.1	57	SSE	5	0	1001.6	-1	57	0	SSW	3	SW	0	4	5	68	55	0	0	0	0.0
	Falmouth	1007.5	58	ESE	2	0	1003.4	0	58	0	S	2	S	0	3	8	60	55	0	0	0	0.0
	Jersey (St. Aubin)	1010.4	66	S	3	0	1006.7	0	62	+3	SSW	3	-	0	2	1	67	59	0	0	0	0.8
	Portland Bill	1010.1	59	SSE	3	c	1005.3	-1	59	+1	SW	2	SW	0	3	0.3	61	56	0	0	0	0.0
	Dungeness	1012.5	61	WSW	1	c	1008.9	-2	63	+4	ESE	3	SE	0	3	-	65	59	0	0	0	0.0
	Dover	1012.6	60	W	1	0	1008.8	+1	66	+9	SE	2	-	0	2	-	66	57	0	0	0	4.5
	Wick	1010.7	55	NW	11	c	1009.8	0	51	0	NW	1	-	0	1	0.4	56	48	0	0	0	0.0
	Nairn	1010.1	60	ENE	1	bc	1009.5	0	51	-3	-	0	-	0	0	-	65	43	0	0	0	13.2
	Aberdeen	1011.0	58	S	2	bc	1009.8	+1	53	0	-	0	-	0	1	-	64	48	0	0	0	9.7
	Leith	1009.9	62	NE	2	bc	1008.9	0	55	+1	NNE	2	-	0	0	-	64	54	0	0	0	0.0
	Tynemouth	1011.3	58	ESE	1	bc	1009.3	-1	57	+3	E	2	-	0	3	-	62	54	0	0	0	0.0
	Spurn Head	1009.4	-2	60	+4	S	2	-	68	54	bc	3	-	0	3	-	68	54	0	0	0	10.6
Yarmouth	1010.9	65	SW	2	bc	1010.2	-3	62	+2	WSW	2	SW	0	2	1	66	61	0	0	0	8.4	
Clacton-on-Sea	1012.0	64	S	2	0	1009.1	0	63	+5	SE	3	-	0	2	-	67	58	0	0	0	7.6	
Nottingham	1011.0	63	SW	2	0	1007.4	0	59	+10	E	2	S	0	0	0.1	70	49	0	0	0	6.8	
Bath	1011.2	62	E	1	0	1006.8	0	61	+4	S	1	S	0	0	1	65	57	0	0	0	0.0	
St. Farnborough	1011.0	64	SSW	1	0	1006.1	-2	61	+6	SE	2	SW	0	0	-	69	55	0	0	0	2.2	
London (Kew Obs.)	1011.7	66	SW	2	0	1006.9	-2	63	+6	SE	3	S	0	0	-	71	56	0	0	0	2.6	
NORTHERN EUROPE.	Spitsbergen	1021.1	57	-	0	b	1018.3	-1	41	+5	NNW	11	-	0	0	0	41	32	0	0	0	0.0
	Vardö	1021.2	48	NE	2	0	1019.5	0	50	+2	NE	1	-	0	2	0	50	46	0	0	0	0.0
	Bodö	1007.7	66	E	1	b	1008.8	0	64	-2	E	2	-	0	1	-	72	57	0	0	0	0.0
	Christiansund	1005.3	63	NE	1	b	1005.9	+1	61	+7	E	1	-	0	1	-	63	54	0	0	0	0.0
	Skudesnaes	1004.8	55	NW	2	0	1005.5	0	55	0	NNW	2	-	0	2	-	57	52	0	0	0	0.0
	Færder (X'lania Fjord)	1002.4	61	W	3	b	1004.0	0	61	0	W	2	-	0	3	-	64	55	0	0	0	0.0
	The Scaw (Skagen)	1008.4	57	NW	5	0	1008.8	+1	57	+2	NW	2	-	0	3	Trace	59	54	0	0	0	0.0
	Blaavands Huk	1008.3	57	NE	4	0	1009.0	0	52	-5	NNE	4	-	0	0	-	63	50	0	0	0	0.0
	Haparanda	1005.3	55	NNE	6	0	1004.8	0	54	-3	N	4	-	0	0	11	59	50	0	0	0	0.0
	Hernösand	1001.1	61	W	2	0	1001.9	0	59	-2	W	2	-	0	0	1	66	54	0	0	0	0.0
FRANCE, & C.	Stockholm	1001.1	61	W	2	0	1001.9	0	59	-2	W	2	-	0	0	1	66	54	0	0	0	0.0
	Wisby	1001.9	61	S	2	0	1003.1	+1	63	0	SW	2	W	0	0	-	66	50	0	0	0	0.0
	Karlstad	1001.1	61	-	0	0	1004.2	+3	59	+2	NE	2	-	0	0	1	66	54	0	0	0	0.0
	Petrograd (5 a.m. G.M.T.)	1012.0	63	WSW	2	c	1010.7	0	61	+2	S	1	-	0	1	-	66	54	0	0	0	0.0
	The Helder	1013.0	61	SSW	2	c	1008.6	-1	69	+1	SE	4	-	0	2	-	69	58	0	0	0	0.0
	C. Gris Nez	1010.4	64	ESE	2	0	1006.7	0	66	+7	SE	2	-	0	1	-	72	57	0	0	0	0.0
	La Hève	1006.4	57	SW	5	r	1005.1	0	60	+3	SEW	5	-	0	3	4	61	54	0	0	0	0.0
	Ushant	1009.6	63	SSE	4	0	1007.4	0	59	0	SSW	4	-	0	3	2	72	59	0	0	0	0.0
	Brest (St. Mathieu)	1010.9	77	-	0	bc	1010.6	0	66	+5	SSW	3	-	0	0	1	86	59	0	0	0	0.0
	Rochefort (Ile d'Aix)	1012.3	71	WSW	2	b	1010.4	0	63	+1	E	2	-	0	1	-	82	61	0	0	0	0.0
SOUTHERN EUROPE.	Biarritz	1012.4	72	ENE	2	b	1010.1	0	63	+4	SSE	2	-	0	0	-	75	55	0	0	0	0.0
	Paris	1013.3	66	W	2	c	1015.4	0	61	+6	-	0	-	0	0	-	75	47	0	0	0	0.0
	Belfort	1013.5	72	SE	1	b	1014.6	0	63	+4	S	2	-	0	0	-	77	55	0	0	0	0.0
	Lyons	1016.8	68	-	0	b	1018.1	+3	68	-3	-	0	-	0	2	-	82	57	0	0	0	0.0
	Nice	1012.8	78	NE	2	0	1014.0	+1	64	-	-	0	-	0	0	-	77	59	0	0	0	0.0
	Perpignan	1013.6	72	SSW	5	0	1013.3	+2	66	+3	WSW	4	-	0	1	2	75	59	0	0	0	0.0
	Sanguinaire	1008.8	86	SSW	1	b	1012.0	+2	70	-3	S	1	-	0	0	-	88	61	0	0	0	0.0
	Corunna (7 a.m.)	1014.3	72	NNW	5	b	1014.9	0	68	+5	WSW	2	-	0	0	-	77	63	0	0	0	0.0
	Madrid (8 a.m.)	*	*	*	*	*	1015.8	+3	79	0	NNE	1	-	0	1	-	88	75	0	0	0	0.0
	Lisbon (9 a.m.)	1014.2	+2	69	-1	-	0	-	68	+2	N	3	-	0	3	-	82	68	0	0	0	0.0
Gibraltar	1018.9	0	68	+2	N	3	-	68	+2	N	3	-	0	3	-	75	66	0	0	0</		

RAINFALL.			
Equivalents of Millimetres.			
in Inches.			
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





**FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

**NO WARNINGS  
ISSUED.**

Western Channel and Bay 11

- |  |  |
|--|--|
| 0<br>1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10 | <div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 10px;">}</div> <div>Calms and light variable Northerly breezes; fair to cloudy, local showers and mist; cool.</div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 10px;">}</div> <div>Wind between South and East, mostly light; fair to cloudy, local showers and mist; cool.</div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 10px;">}</div> <div>Same as Nos. 0 and 1.</div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 10px;">}</div> <div>Same as Nos. 2 to 5.</div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 10px;">}</div> <div>Light Easterly breezes, fair to cloudy, local showers and mist; cool.</div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 10px;">}</div> <div>Light to moderate Southerly to Westerly breezes; sea moderate; fine to cloudy, local showers and mist, cool.</div> </div> |
|--|--|

**FURTHER OUTLOOK.**



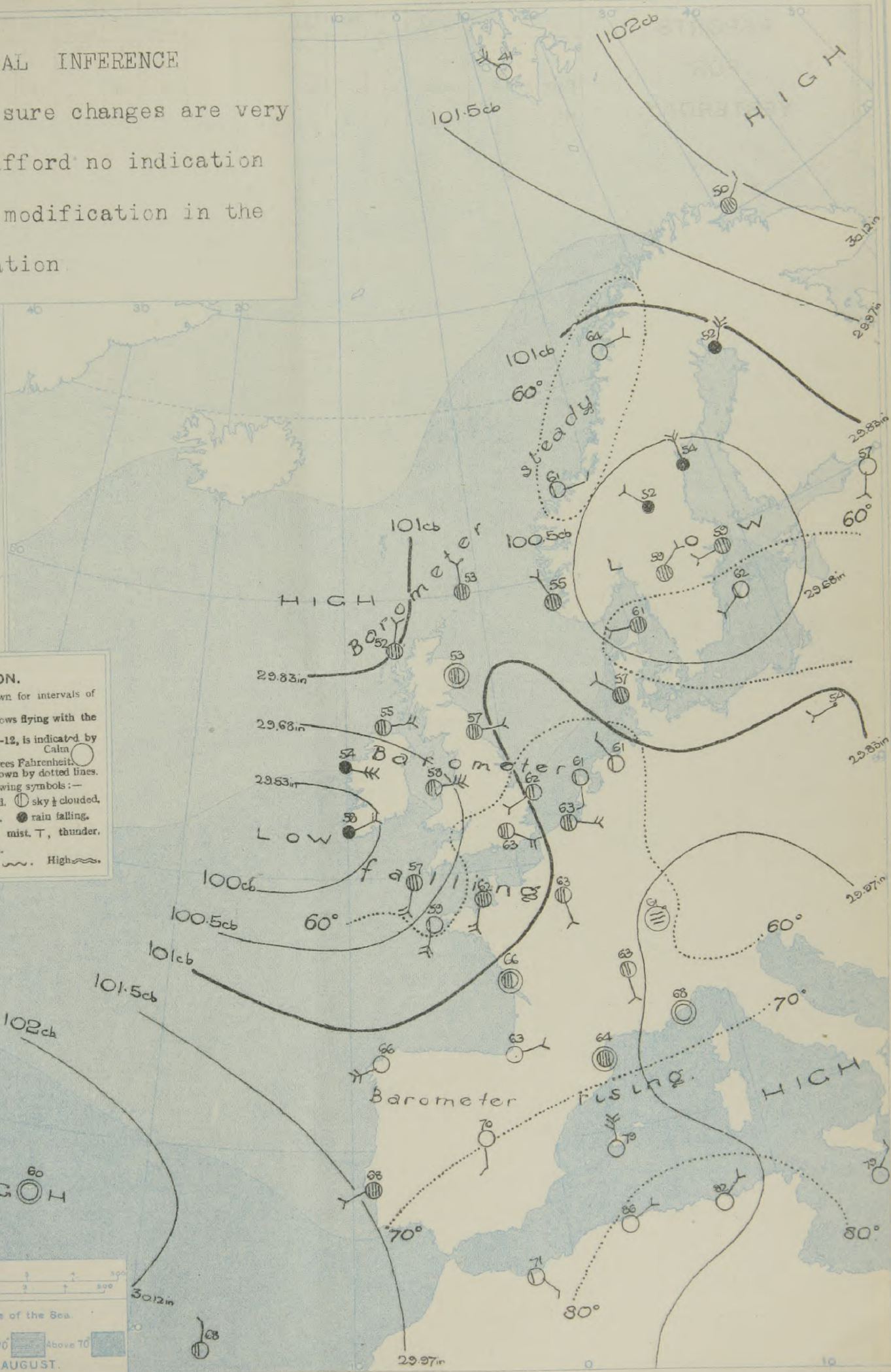
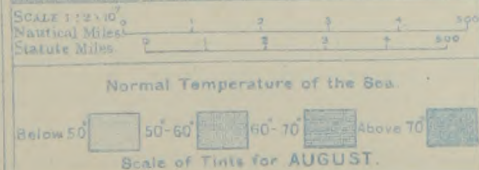
# GENERAL INFERENCE

The pressure changes are very slight, and afford no indication of important modification in the general situation.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 clear sky. sky 1/4 clouded. sky 1/2 clouded. sky 3/4 clouded. overcast sky. rain falling. snow. hail. fog. mist. thunder. thunderstorm.  
**SEA DISTURBANCE.**—Rough High .





## DAILY WEATHER REPORT.

Sunday, 1st August, 1915.

REPORTS  
FOR  
YESTERDAY.

31st July

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
		° F.						° F.	° F.								
Petrograd	1001.0	63	W	4	o	1001.5	+1	59	-	WSW	3	E	b	*	1	70	57
Nice	1009.6	69	SE	5	bc	1016.3	0	71	+2	-	o	*	b	o	15	?	?

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				Tunbridge Wells ...		° F.	° F.			
Oban ...	—	66	51	b	b	13.0	Margate ...	—	69	50	o.c	o.c.	1.0
Banff ...	—	59	51	b.c.b	bv	9.1	Ramsgate ...	—	69	53	b.c.b	b.c.	4.6
Carnoustie ...	1	60	50	b	b	10.1	Hastings ...	—	66	50	b.c	o	5.6
St. Andrews ...	—	—	—	*	*	—	Bexhill-on-Sea ...	—	65	54	b	b.c.o	5.4
England, N.E.							Eastbourne ...	—	65	56	b.b.c.o.b	o.b.c.o	4.9
Harrogate ...	—	69	47	b.b.c	b.c.o	7.7	Seaford ...	—	66	52	b.o	b.o	3.6
Skegness ...	—	?	48	b	b.o	9.5	Brighton ...	—	63	57	o.c	o.c.o	2.3
England, N.W.							Worthing ...	—	65	54	o.b.c	o	1.1
Morecambe ...	—	67	47	b.c	c.o	4.0	Littlehampton ...	—	64	59	o	o	4.0
Blackpool ...	0.3	67	51	o.c.b.c	c.o	4.8	Bognor ...	—	64	55	o	o	0.5
Southport ...	—	67	51	o.c.b.c	c.o	4.8	Southsea ...	—	67	50	o	o	0.0
Midlands.							Bournemouth ...	—	67	50	o	o	0.0
Buxton ...	—	66	49	o.c	c.o	2.0	Weymouth ...	—	61	54	o	o	0.0
Leamington Spa ...	0.2	66	49	o.c	c.o	2.0	Torquay ...	0.3	61	54	o	o	0.0
Malvern ...	—	64	50	b.w.m	b.c.o	0.4	Paignton ...	—	61	52	o	o	0.0
Ross-on-Wye ...	—	64	50	b.w.m	b.c.o	0.4	Falmouth ...	3	60	55	o	o	0.0
Wales.							Penzance ...	6	59	56	o	o	0.0
Rhyl ...	—	63	47	b.c	o	3.7	Newquay ...	3	60	52	o	o	0.5
Colwyn Bay ...	—	61	54	o.c	o.c.o	0.0	Ilfracombe ...	1	63	55	o	o	0.0
Llandudno ...	1	61	54	o.c	o.c.o	0.0	Weston-super-Mare ...	—	—	—	—	—	—
Aberystwyth ...	2	60	52	b.c.o	b.c.o	0.0							
Tenby ...	—	68	54	b.c.m	b.c.m	9.9							
England, E.													
Cromer ...	—	67	55	b.c.m	b.c.o	9.5							
Lowestoft ...	—	65	54	b.c	b.c.o	8.2							
Felixstowe ...	1	65	54	b.c	b.c.o	8.2							
Walton-on-Naze ...	—	72	54	o.c.b.c	b.b.c.c	2.8							
Southend-on-Sea ...	—	72	54	o.c.b.c	b.b.c.c	2.8							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Rain- fall.	Fore- noon.	After- noon.			Night.	In Screen.		Night Min. on Grass.	Night.	Fore- noon.		After- noon.
				Max.	Min.									Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.																				
	%	%	Hr.	° F.	° F.	° F.	mm. §					mm. §	° F.	° F.	° F.				Hr.	
Greenwich (Royal Obs.) ...	54	59	3.0	75	54	48	—	C	C	C		3	61	56	53	c.b.o	au	org	2.3	
City (Bunhill Row) ...	*	*	3.0	*	*	*	*	*	*	*		—	68	47	43	b.c.w	b.c	b.c.c	2.3	
Westminster (St. James's Pk.)			2.7									—	70	51	*	o	by	b.c.c	5.3	
Camden Sq. (Brit. Rainfall)	58	57	3.0	73	56	52	—	b.c	b.c.c	*		*	67	55	51	c.b.c.o	a.c.o	o	*	
Hampstead (Reservoir) ...	*	*										1	62	52	52	b.c	o.c	o.p	0.0	
Richmond Park ...	*	*	2.8									1	61	53	51	o	o	o.p	0.0	
Kew. (See front page.)												3	72	54	50	b.c	o.o	o	*	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																				
				Total.		Average Rate.		Max. Rate.												
				Joules.		Milliwatts.		Milliwatts.												
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																				
S. Kensington (Roof of M.O.)	51	59	2.6																*	

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

	1st & 2nd August, 1915.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.13	G.M.T. 11.59	G.M.T. 7.45
Greenwich ...	4.15	11.59	7.43
Wick ...	4.24	12.6	7.48
Valencia ...	4.3	12.18	8.33
	5.3	12.47	9.30
	5.5	12.47	9.30

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° in some parts of Great Britain. Rain was experienced at most western stations, 18 mm. at Roche's Point. Bright sunshine varied greatly in amount. Over a large area in the west there was none, while the longest duration was in Scotland and the North-East of England.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 214.

Monday

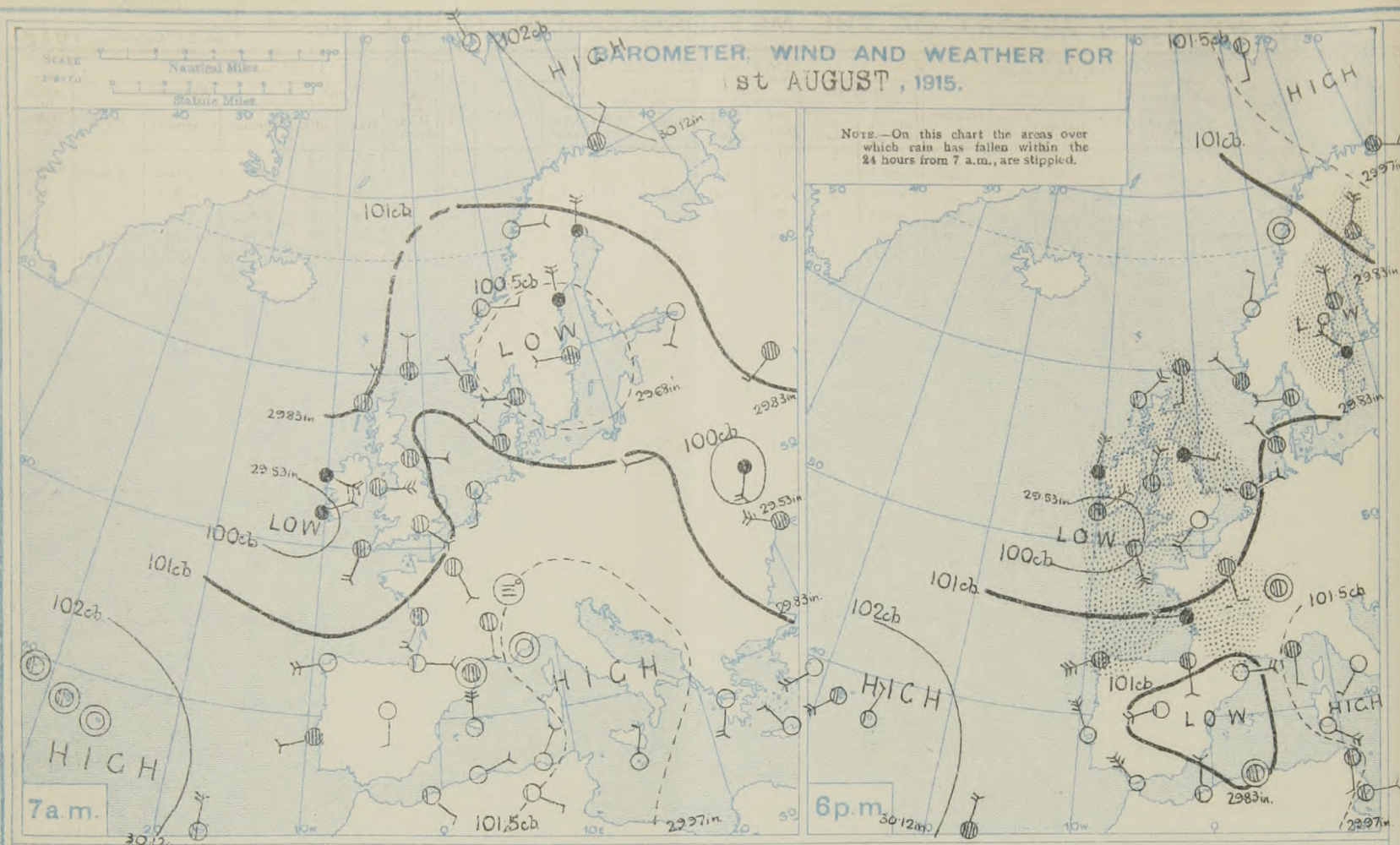
2nd August 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Remarks for Yesterday.
		Barom. Mili-bars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		Temp.		WIND.		Direc. of Upper Cloud.	Weather.	Sea.	Rain-fall. Mili-metres.	Temp.		Weather.			
				Dir.	Force 0-12.		Mili-bars at M.S.L.	Change in 24 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1008.9	54	S	1	om	1008.5	0	53	0	-	0	-	c	0	1	57	50	om	om	f om	Hours.
	Deerness	1009.1	53	E	1	o	1007.9	+	54	+4	E	3	5	c	1	-	58	50	c o	c o c o	b c	2.1
	Stornoway	1008.9	57	NE	4	bc	1006.1	0	55	+3	NE	2	-	c	2	-	58	50	c bc	bc	c	6.8
	Castlebay (Barra Isd.)	1006.1	61	NNW	4	aq	1004.1	0	59	+3	ENE	3	-	o	2	-	64	55	b bc	bc oq	aq o	5.5
	Glasgow	1006.2	57	NE	3	o	1003.2	-2	56	+2	NE	2	-	c	2	-	63	53	c o c p	o q p c o	o q p o m	6.6
	Eskdalemuir	1005.6	58	E	4	o	1002.6	0	57	+4	ENE	3	5	c	2	-	63	52	m bc o r	o m r o	o m r o m	1.5
	Malin Head	1005.0	56	ENE	3	om	1003.2	0	55	0	E	2	-	om	2	2	53	35	om r q	om p	om	0.1
	Blacksod Point	1001.6	53	NNE	5	om d	1002.5	0	58	+4	NNE	1	NE	bc q	3	1	59	51	om d	om d	om bc	0.6
	Valencia	1006.8	61	NE	3	aq	1000.8	+3	59	+1	N	3	N	c	3	4	64	57	aq	aq	c	0.6
	Roche's Point	?	59	E	4	o	998.3	+	59	+1	NE	2	NE	c	4	14	61	51	r	r c o m	o p r q p	+
	Britt Castle	1000.5	63	SE	1	c	1000.2	+	57	+2	N	1	-	r	2	4	63	54	aq	aq	aq	4.5
	Donaghadee	1000.5	56	ESE	3	om	1001.4	-1	54	-1	ENE	2	E	c m q	2	1	56	53	aq	aq c	om q p	2.7
	Liverpool (Bidston)	1002.8	62	SSE	1	bc	1001.9	-1	57	-1	SE	3	S	bc	2	12	68	55	aq	bc bc	aq c o c	4.2
	Holyhead	1004.0	60	SW	4	b	999.4	-1	59	+1	E	3	E	bc q	2	2	69	56	aq o bc	b bc c	aq c o c	5.7
	Pembroke (St. Ann's)	1001.4	58	SSE	3	c	996.1	-2	59	-0	SE	4	S	aq p	4	15	62	56	c	aq p	aq p	5.7
	Scilly (St. Mary's)	997.0	60	SSE	5	om	990.7	0	58	+1	W	5	W	c m p	6	4	63	56	c m p	c m	om d a q	6.8
	Falmouth	1000.3	59	S	3	o	998.9	-5	55	0	SSW	4	-	o	4	6	64	56	bc c	c o p q	aq	6.1
	Jersey (St. Aubin)	1006.3	70	SW	3	b	1002.6	+	62	0	S	4	S	o	3	1	71	60	o b	b	b a p o	9.6
	Portland Bill	1005.1	60	SE	3	c	1000.2	-3	60	+1	SSE	5	S	o p	4	2	64	56	bc	bc	aq p r	+
	Dungeness	1008.14	65	WSW	2	bc	1005.4	-1	61	-2	S	4	S	bc	4	-	68	59	bc	bc	bc	+
	Dover	1007.1	66	SW	2	bc	1003.6	?	60	-6	SSW	4	S	o	4	-	72	57	bc b	bc p b	bc c o	10.6
	Wick	1009.3	54	SE	1	b	1007.5	0	53	+2	ENE	3	-	o	3	-	55	50	aq c	c b	bc o m	8.9
	Nairn	1007.3	56	E	3	c	1005.8	+	55	+4	ENE	2	-	om d	2	0.4	60	50	o bc	bc c	aq m	5.0
	Aberdeen	1008.6	58	ESE	1	b	1006.4	0	56	+3	ENE	3	-	o	2	29	63	52	o c b	b	bc o	5.0
	Leith	1006.9	58	ENE	1	o	1003.2	-1	57	+2	NE	2	-	aq	3	21	61	55	aq c	c a p	aq	0
Tynemouth	1006.8	57	ESE	1	c m r	1003.0	-1	56	-1	SW	2	SW	c m	3	4	62	54	om r	om r	om r	0	
Spurn Head	1003.6	62	SE	6	bc	1004.2	0	59	-1	SSW	3	-	bc	4	1	64	54	bc m	bc q	bc t h r	6.4	
Yarmouth	1007.0	64	S	4	bc	1005.1	-1	63	+1	SW	2	SW	bc	2	2	66	57	bc b	b bc	bc r	11.5	
Clacton-on-Sea	1006.6	67	SSW	3	bc	1005.1	0	63	0	S	3	-	b	3	-	68	60	bc c	c bc	bc c b	12.3	
Nottingham	1003.5	68	S	2	bc	1002.6	+	58	-1	E	1	S	c	2	1	74	51	aq c	aq	bc b	4.6	
Bath	1006.4	66	S	1	b	1000.2	+	61	0	SSE	2	S	o	2	3	71	56	o c bc	b bc	b bc r	8.0	
St. Farnborough	1005.9	67	SSW	3	b	1002.4	-1	61	0	SSE	3	-	o	2	0.3	71	54	bc p	bc b	c o	10.6	
London (Kew Obs.)	1006.1	71	SW	3	b	1003.5	-1	62	-1	SSE	4	S	o	2	-	73	55	c bc c	bc c o c m	bc b bc o	10.5	
NORTHERN EUROPE.	Spitsbergen	1017.6	41	S	1	bc	1018.3	0	37	-4	N	2	-	b	2	0	46	36				
	Vardö	1019.7	48	ESE	5	o	1020.2	0	48	-2	NE	1	-	o	3	0	50	45				
	Bodö	1008.4	59	-	0	b	1010.7	+1	59	-5	SE	2	-	b	3	-	66	50				
	Christiansund	1007.4	63	NNE	1	b	1008.3	0	57	-4	-	0	-	b	2	-	63	52				
	Skudesnaes	1009.0	55	NW	2	o	1007.0	0	55	0	NW	2	-	o	2	-	59	52				
	Færder (Xiania Fjord)	1006.1	64	WSW	2	b	1008.3	+3	59	0	SSW	2	-	o	1	-	64	53				
	The Scaw (Skagen)	1007.1	61	W	2	c	1009.6	+2	57	-4	SW	1	-	o	1	-	64	55				
	Blaavands Huk	1010.9	57	NW	2	o	1009.6	0	57	0	SE	2	W	b	2	Trace	61	57				
	Haparanda	1010.3	54	NNE	4	o	1013.5	+1	61	+9	NE	4	-	o	2	1	61	50				
	Hernösand	1008.4	54	N	4	o	1011.4	+1	52	-2	N	4	-	o	2	17	57	46				
FRANCE, &c.	Stockholm	1004.4	59	NW	2	r	1007.8	+2	57	-2	WSW	2	-	m	2	11	64	55				
	Wisby	1005.7	59	SW	2	o	1008.4	+3	61	-2	WNW	2	NW	b	2	6	66	55				
	Karlstad	1006.0	61	-	0	c	1009.6	+1	59	0	-	0	-	bc	2	Trace	66	50				
	Petrograd (5 a.m. G.M.T.)																					
	The Helder	1009.3	68	WNW	2	c	1006.3	0	63	+2	ESE	2	-	c	1	3	72	61				
	C. Gris Nez	1007.5	66	SSW	1	bc	1006.0	0	63	+2	S	4	-	b	2	-	74	59				
	La Hève																					
	Ushant	1002.3	59	SW	6	c	998.4	+	59	-1	SW	7	-	o	7	2	63	55				
	Brest (St. Mathieu)	1003.8	61	S	5	bc	1000.8	0	59	0	SW	6	-	o	4	-	68	59				
	Rochefort (Ile d'Aix)	1011.0	62	W	2	r	1010.6	0	64	-2	SW	7	-	o	2	13	79	61				
SOUTHERN EUROPE.	Biarritz	1012.3	64	NW	2	o	1014.1	+2	61	-2	S	2	-	c	4	-	81	59				
	Paris	1022.9	66	SSW	1	o	1009.6	+1	63	0	SSW	3	-	bc	2	15	79	57				
	Belfort	1013.1	72	-	0	c	1013.9	+	63	+2	-	0	-	c	2	7	75	59				
	Lyons	1010.6	74	S	4	bc	1013.1	+	66	+3	N	1	-	o	2	6	82	61				
	Nice	1016.4	67	S	1	o	1014.4	-1	70	+2	-	0	-	b	2	-	82	61				
	Perpignan	1008.6	82	E	3	b	1012.4	0	68	+4	-	0	-	o	2	Trace	88	64				
	Sanguinaire		84	NW	2	b		+	80		E	3	-	bc	2	-	84	70				
	Corunna (7 a.m.)	1014.1	68	WSW	6	o	1017.2	+3	63	-3	SW	4	-	o	5	1	72	59				
	Madrid (8 a.m.)	1008.4	84	WSW	4	b	1015.1	+3	66	-6	-	0	W	bc	2	-	88	59				
	Lisbon (9 a.m.)	1016.4	70	NNW	5	b	1019.7	+2	63	-5	-	0	-	b	5	-	76	61				
AZORES &c.	Gibraltar	1012.5	76	NW	6	b	1016.2	+	73		W	5	-	b	3	-	85	71				
	Rome	1017.6	73	SW	1	b	1017.9	+1	72		N	1	-	b	2	-	84	63				
	Malta (8 a.m.)						1018.7	+3														

RAINFALL  
Equivalents of Millimetres.  
in inches.

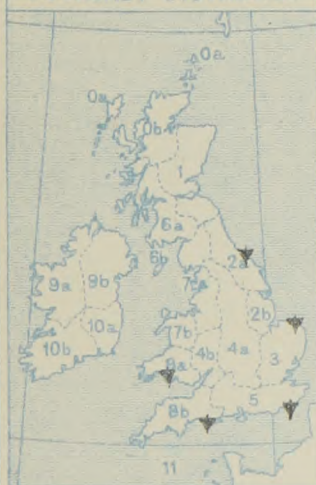
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.62
17	0.67	42	1.66
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





**FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

South Coast hoisted today at 9 25 a.m. in Districts 2, 3, 5 & 8.

Western Channel and Bay 11

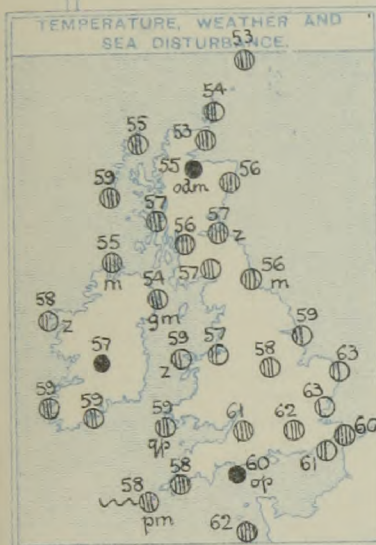
**FURTHER OUTLOOK.**

- |  |   |
|--|---|
| 0 {<br>a<br>b<br>1 {<br>2 {<br>a<br>b<br>3 {<br>4 {<br>a<br>b<br>5 {<br>6 {<br>a<br>b<br>7 {<br>a<br>b<br>8 {<br>a<br>b<br>9 {<br>a<br>b<br>10 {<br>a<br>b | Wind between East and North, becoming fresh to strong and squally later, fair to unsettled, some rain, local thunder, cool.<br><br>Southerly breezes, veering Westerly, becoming strong and squally to gale; unsettled, some rain, local thunder; air close and humid.<br><br>Same as Nos. 0 and 1.<br><br>Same as Nos. 2 to 5.<br><br>North-Easterly to Northerly breezes, fresh to strong and squally at times; fair to dull, some rain; cool.<br><br>South-Westerly to Westerly squally, strong winds to gale, sea rough; unsettled, some rain, mist or fog; cool. |
|--|---|



GENERAL INFERENCE.

The deep depression near Scilly will occasion a breezy, unsettled type of conditions over the country generally



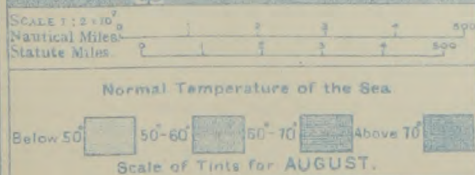
EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 clear sky. sky 1/4 clouded. sky 1/2 clouded. sky 3/4 clouded. overcast sky. rain falling. snow. hail. mist. thunder. thunderstorm.  
**SEA DISTURBANCE.**—Rough High

inches.  
31

30

29



30-12 in.

29.97 in.

10



# PILOT BALLOON ASCENTS for the PAST WEEK. Component Velocities to East and to North in Metres per Second.

Station Date & Hour.		Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.
		S. Farnborough		Benson		S. Farnborough		S. Farnborough		Eskdalemuir		S. Farnborough		S. Farnborough		Benson		S. Farnborough		Aberdeen	
		27h	7.5a	27h	12h.16m	28h	7h.10m	28h	11h.32m	29h	8h	29h	7h.20m	30h	7h.30m	30h	12h	30h	11h.55m	31st	8h
Heights in Kilometres.	4									+3	-3										
	3									+4	-3			+3	-3						
	2							+13	-2	+6	-2	+5	+3	+4	-3	+5	+1	+5	0	+7	-2
	1	+4	+8	+5	+3	+13	-7	+15	0	+6	-4	+7	-4	+3	-1	+9	+2	+6	+1	+8	-8
	0.5	+2	+8	+6	+5	+9	-2	+5	-1	+4	-3	+6	-4	+2	-2	+6	+1	+6	0	+7	-6
0	-1	+3	+3	+6	+5	+1	+6	+1	+4	-1	+3	-2	+2	-1	0	0	+4	+1	+4	-4	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells ...						
Oban ...	...	69	43	b. bc	c. og	4.5	Margate ...	...	72	56	b	bc. b.	10.2
Banff ...	...	61	50	c. bc	bc. b.	4.1	Ramsgate ...	...	75	59	b. bc. b.	bc. b.	9.4
Carnoustie ...	...	63	49	bc	bc. og	4.8	Hastings ...	...	73	58	bc.	c	8.9
St. Andrews ...	...			*	*		Bexhill-on-Sea ...	...	69	59	c. b	bc	8.4
England, N.E.							Eastbourne ...	...	68	60	b	o. bc. b.	9.0
Harrogate ...	1	66	49	op. o	c. bc. cp	1.7	Seaford ...	...	69	58	bc. b	b	8.1
Skegness ...	4	68	56	bc	bc. r. o	6.9	Brighton ...	...	68	59	c	c. b.	7.2
England, N.W.							Worthing ...	...	69	59	bc	b	8.1
Morecambe ...	...						Littlehampton ...	...	68	54	o. b	b.	8.3
Blackpool ...	0.3	70	52	op. o	o. ct	2.8	Bognor ...	...	66	60	or. bc	b.	7.6
Southport ...	1	70	53	op. o. bc	b. bc. cl	2.5	Southsea ...	...	68	58	or	bc.	8.5
Midlands.							Bournemouth ...	...	67	57	o. c	b	6.0
Buxton ...	2	68	49	r. c. b	bc	1.1	Weymouth ...	1	68	58	c. bc. b	b. bc. g.	7.6
Leamington Spa ...	0.2	71	57	c. bc	c. bc	5.3	Torquay ...	4	65	57	b	bc. c. o	10.3
Malvern ...	3	69	55	c. bc	bc. b	4.0	Paignton ...	3	66	57	bc	b. bc	9.6
Ross-on-Wye ...	1	72	54	o. bc. c	bc. g.	7.2	Falmouth ...	7	64	56	bc. o	c. op. g.	6.0
Wales.							Penzance ...	...	65	52	r. bc. g. p.	bc. g. p.	6.5
Rhyl ...	15	69	53	bc	bc. pt	3.7	Newquay ...	5	65	57	b	bc. p. c	9.0
Colwyn Bay ...	5	70	55	c. bc	bc. p	4.6	Ilfracombe ...	3	69	57	b	bc. p. c	9.0
Llandudno ...	1	69	55	p. b	p	3.4	Weston-super-Mare ...	1	70	56	b. bc. b	b. bc. b.	10.0
Aberystwyth ...	4	68	57	r. o. c	ct. c	3.0							
Tenby ...	...												
England, E.													
Cromer ...	...												
Lowestoft ...	...												
Felixstowe ...	...	69	60	bc. m	bc. m	9.8							
Walton-on-Naze ...	...	68	60	bc	bc	10.9							
Southend-on-Sea ...	...	76	59	bc. b	b. bc	10.3							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
Greenwich (Royal Obs.) ...	56	75	Hr. 11.8	* F. 77	* F. 54	* F. 44	mm. 0.3	bc	bc	bc. c. op
City (Bunhill Row) ...	*	*	10.3	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	69	83	11.6	74	58	52	-	bc	bc	bc
Camden Sq. (Brit. Rainfall)	-	65	10.2	78	56	52	-	-	-	*
Hampstead (Reservoir) ...	*	75	11.4	73	55	41	-	bc	cp	o
Richmond Park	*	*	11.4	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)	*	*								
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total. Joules		Average Rate. Milliwatts.		Max. Rate. Milliwatts.		
S. Kensington (Roof of M.O.)	-	83	11.3							

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

2nd & 3rd Aug., 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.15	G.M.T. 11.25	G.M.T. 7.43
Greenwich ...	4.7	11.24	7.41
Wick ...	4.25	12.1	7.46
Valencia ...	4.6	12.18	7.39
	4.9	12.15	7.37
	5.5	12.47	8.30
	5.7	12.57	8.38

NOTE.—The information relating to weather is indicated by the following letters:—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	20	65	54	53	op. r. c. b	bc
Darwen to 9 p.m.	...	...	...	...	...	...
Manchester "	3	74	55	...	o	oc. o
Birmingham "	...	...	...	...	...	...
Oxford to 8 p.m.	...	70	58	51	o. c	o. c. bc
Teignmouth to 9 p.m.	6	66	57	56	op. g.	bc
Plymouth "	...	...	...	...	...	...
S. Kensington (Museum Grounds to 6 p.m.)	...	75	60	53	o. c	bc. b.

## NOTES ON YESTERDAY'S WEATHER.

Temperature was rather variable, remaining below 60° at several stations, exceeding 70° at a number of others. Rain fell in most districts, 29 mm at Aberdeen, 38 mm. at Yarmouth. Thunderstorms occurred locally. Sunshine ranged from a few minutes at Malin, Head to more than 12 hours at Clacton.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



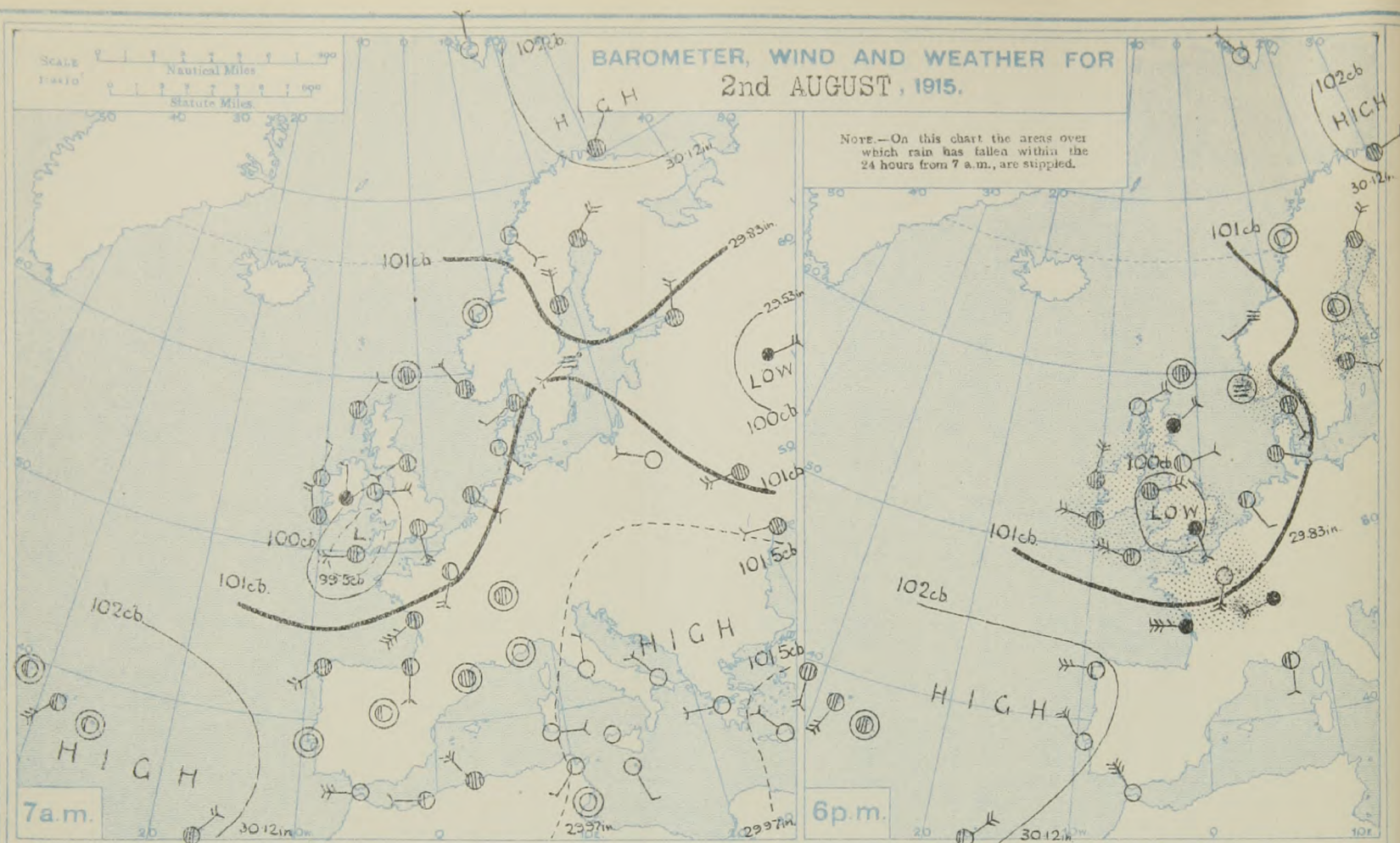
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1007.9	54	—	0	om	1008.3	0	54	+1	—	0	—	om	0	—	56	51	0	om	om	Hours
	Deerness	1007.1	54	E	2	0	1007.8	+	53	-1	NE	1	—	0	1	—	57	51	C.O	0	0	3.6
	Stornoway	1005.8	60	NE	3	bry	1007.5	+1	55	0	NE	2	—	og	2	—	62	52	cog	abc by	Cog	4.1
	Castlebay (Barra Isd.)	1003.6	63	N	3	bcm	1006.9	+2	56	-3	N	3	NE	0	3	1	67	54	om	abcm	bc, om	4.7
	Glasgow	1002.6	58	ENE	3	cog	1005.9	+3	55	-1	ENE	1	—	0	+	1	65	52	om, cl	abcm	ab, c, b, o	4.5
	Eskdalemuir	1002.0	57	NE	3	cl	1004.8	+2	55	-2	NNE	3	NE	c	+	3	66	53	cl	ab, c	c	2.3
	Malin Head	1003.2	59	N	2	cm	1006.2	+4	57	+2	NE	1	—	omd	1	2	60	54	om	cm	om	4.0
	Blacksod Point	1005.0	56	NNE	4	om	1009.0	+3	54	-4	NNW	3	N	cgm	3	0.4	61	52	om	om	om, om	+
	Valencia	1005.9	60	WNW	4	c	1011.1	+3	55	-4	NW	2	NW	op	4	0.2	64	55	c	om	c, o	7.5
	Roche's Point	1003.5	61	NNW	3	c	1009.6	+	57	-2	NW	2	—	0	2	15	65	55	cl	og, hr	og, p, o	+
	Birr Castle	1002.5	60	NW	1	c	1007.7	+	56	-1	NW	1	—	r	+	10	67	54	cl	cl, hr	cl, hr	3.3
	Donaghadee	1001.2	58	N	3	bm	1004.7	+3	55	+1	N	3	—	cm	3	1	60	53	cgm	bm	bc, om	+
	Liverpool (Bidston)	998.5	61	E	1	r	1003.2	+4	58	+1	NNE	2	N	od	2	10	67	56	cm	od	or	4.0
	Holyhead	999.1	58	ENE	4	om	1004.5	+3	58	-1	NNW	5	—	om	4	2	69	56	cl, cl, c	cl, cl, c	cgm	2.3
	Pembroke (St. Ann's)	999.4	58	W	4	bc	1006.3	+3	56	-3	WNW	5	—	cog	4	1	65	56	cog	cog	bc, g	6.0
	Scilly (St. Mary's)	1002.8	61	WNW	6	bc	1009.8	+4	57	-1	WNW	5	W	cog	6	1	63	56	cgm, cog	cgm, cog	bc, bc	7.4
	Falmouth	1001.3	60	WNW	5	bc	1008.0	+4	58	0	WNW	4	—	0	4	2	64	57	cog	c, bc, cog	cog	6.0
	Jersey (St. Aubin)	1003.5	63	WSW	6	cog	1009.0	+	60	-2	W	5	—	0	4	0.2	68	59	bc, c	cl, cog	bc, bc	5.9
	Portland Bill	996.3	58	WSW	6	cog, p	1004.2	+5	60	0	W	5	W	bc	4	5	60	55	cog, p	cog, p	c, bc	+
	Dungeness	1002.7	64	SW	5	c	1002.0	+1	60	-1	SW	7	—	0	6	—	69	59	bc	bc	bc, c, o	+
	Dover	1003.0	60	SSW	5	c	1001.7	+	60	0	SW	5	SW	0	6	1	66	59	bc	bc, bc	Cog, p	8.1
Wick	1007.2	53	ENE	2	0	1007.5	+1	53	0	ENE	1	—	0	2	—	56	51	om, c	om, om	om	+	
Nairn	1005.1	56	E	1	odmg	1007.5	+	55	0	ENE	2	—	cm	2	2	60	52	odmg	clg	clg	0.0	
Aberdeen	1005.4	54	NE	3	om	1006.1	+1	55	-1	NNE	3	—	0	3	13	56	54	or	om	or, o	0.0	
Leith	1002.0	57	NE	2	m	1005.6	+1	56	-1	NNE	3	—	om	+	1	62	55	om, c	om	omd	+	
Tynemouth	1002.2	59	ENE	2	bc	1003.4	+1	56	0	NNE	2	—	og	3	—	63	50	bm	bm, p	og	+	
Spurn Head	1000.3	62	SSE	4	cgu	998.5	-2	58	-1	E	4	—	og	4	6	67	56	bc	cl, cog	cl, hr	7.4	
Yarmouth	1001.3	63	S	5	bc	999.7	+1	63	0	SSW	3	—	odmg	4	?	66	58	bc, bc	bc	bc, om	4.5	
Clacton-on-Sea	1001.5	66	S	5	0	999.3	+1	60	-3	SSW	5	SW	0	5	2	67	59	b, bc	bc	bc, og, p	10.7	
Nottingham	998.1	60	E	3	0	999.9	+	59	+1	NNW	3	N	c	+	9	70	57	Cog, p	a, cl	or	1.5	
Bath	995.1	62	S	1	0	1003.5	+	58	-3	W	1	W	0	+	14	64	57	or	or	or	0.3	
Sth Farnborough	997.6	59	S	3	r	1001.2	+5	57	-4	W	3	—	r	+	13	65	51	C.O	og, r	r	2.4	
London (Kew Obsy.)	998.7	61	SSE	3	od	1000.7	+4	58	-4	WSW	5	—	or	+	15	68	58	or, cl, og, p	cl, or, om, od	od, og, p	4.1	
NORTHERN EUROPE.	Spitsbergen	1018.9	37	NNW	2	b	1017.7	0	37	0	N	4	+	0	+	37	32	+	+	+	+	
	Vardö	1020.7	48	E	2	0	1020.0	-2	50	+2	SE	2	—	0	2	+	50	45	+	+	+	+
	Bodö	1012.7	61	—	0	b	1013.0	0	61	+2	E	2	—	0	2	—	64	55	+	+	+	+
	Christiansund	1008.3	55	SW	1	f	1009.3	+2	54	-3	—	0	—	f	2	—	57	52	+	+	+	+
	Skudesnaes	1007.5	57	—	0	m	1005.2	0	57	+2	N	2	—	0	2	2	61	54	+	+	+	+
	Færder (X'ania Fjord)	1010.3	59	—	0	c	1008.8	0	61	+2	SE	2	—	0	1	2	?	59	+	+	+	+
	The Scaw (Skagen)	1009.2	59	SSE	2	0	1006.4	0	59	+2	ESE	3	—	0	3	10	57	+	+	+	+	
	Blaavands Huk	1005.7	61	ESE	2	0	1005.3	0	61	+4	—	0	—	0	0	1	72	57	+	+	+	+
	Haparanda	1014.3	66	NE	2	0	1015.5	+1	61	0	N	2	—	0	+	7	73	57	+	+	+	+
	Hernösand	1013.3	59	—	0	bc	1015.1	+1	55	+3	—	0	—	0	+	8	61	52	+	+	+	+
FRANCE, &c.	Stockholm	1010.7	61	SE	2	c	1011.5	0	63	+6	SE	2	—	0	+	1	64	55	+	+	+	+
	Wisby	1011.1	61	NNW	2	b	1012.4	0	61	0	SSE	2	—	0	+	—	63	50	+	+	+	+
	Karlstad	1010.6	66	—	0	b	1011.0	0	63	+4	E	2	—	0	+	—	73	57	+	+	+	+
	Petrograd (5 a.m. G.M.T.)	1010.6	66	—	0	b	1011.0	0	63	+4	E	2	—	0	+	—	73	57	+	+	+	+
	The Helder	1004.6	64	SSE	1	bc	1003.4	0	61	-2	S	4	—	0	2	—	68	55	+	+	+	+
	C. Gris Nez	1003.0	64	S	4	c	1002.1	+1	59	-4	SW	7	+	0	7	1	72	59	+	+	+	+
	La Hève	1001.5	64	SW	5	0	1005.7	+	59	0	WSW	5	+	0	5	1	68	55	+	+	+	+
	Ushant	1007.7	61	WNW	6	c	1013.2	+	59	0	NW	6	+	c	4	—	63	55	+	+	+	+
	Brest (St. Mathieu)	1006.7	64	W	6	0	1013.0	+3	57	-2	WNW	5	+	c	4	—	66	55	+	+	+	+
	Rochefort (Ile d'Aix)	1013.0	63	W	7	r	1015.9	+3	63	-1	W	7	+	r	+	6	68	59	+	+	+	+
SOUTHERN EUROPE.	Biarritz	1013.0	63	W	7	r	1015.9	+3	63	-1	W	7	+	r	+	6	68	59	+	+	+	+
	Paris	1007.7	66	SSW	3	b	1010.0	+1	61	-2	SSW	3	—	0	+	Trace	73	57	+	+	+	+
	Belfort	1015.4	57	WSW	4	r	1015.7	+	57	-6	WSW	5	+	0	+	9	72	52	+	+	+	+
	Lyons	1010.9	73	S	2	bc	1008.0	0	73	+3	W	5	+	0	+	—	82	63	+	+	+	+
	Nice	1010.9	73	S	2	bc	1008.0	0	73	+3	W	5	+	0	+	—	82	63	+	+	+	+
	Perpignan	1010.9	73	S	2	bc	1008.0	0	73	+3	W	5	+	0	+	—	82	63	+	+	+	+
	Sanguinaire	1010.9	73	S	2	bc	1008.0	0	73	+3	W	5	+	0	+	—	82	63	+	+	+	+
	Corunna (7 a.m.)	1020.6	66	W	5	b	1024.6	+2	63	0	WSW	3	—	0	4	—	68	59	+	+	+	+
	Madrid (8 a.m.)	1021.0	72	NNW	4	b	1022.6	+2	63	0	NNW	4	—	0	5	—	73	61	+	+	+	+
	Lisbon (9 a.m.)	1021.0	72	NNW	4	b	1022.6	+2	63	0	NNW	4	—	0	5	—	73	61	+	+	+	+
AZORES &c.	Gibraltar	1015.2	80	NW	6	b	1015.9	+	69	-4	NW	5	+	0	3	—	83	68	+	+	+	+
	Rome	1015.2	80	NW	6	b	1015.9	+	69	-4	NW	5	+	0	3	—	83	68	+	+	+	+
	Malta (8 a.m.)	1015.2	80	NW	6	b	1015.9	+	69	-4	NW	5	+	0	3							

## RAINFALL.

Equivalents of Millimetres in inches.

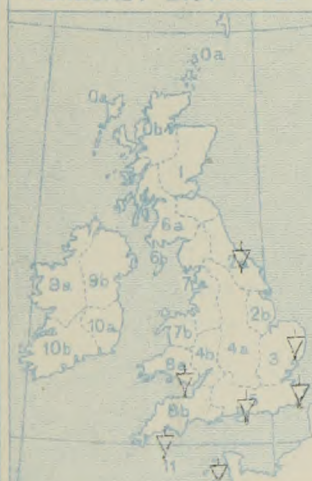
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

Cones Hoisted Yesterday.

Western Channel and Bay

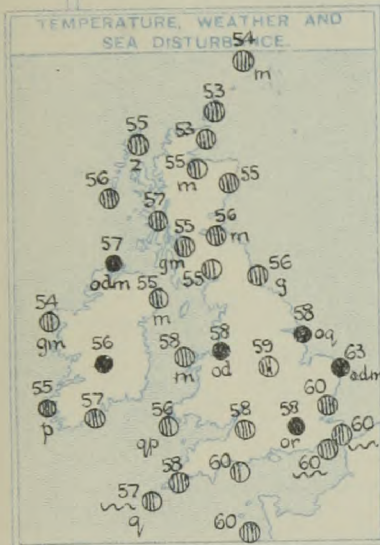
- |    |   |  |
|----|---|--|
| 0  | a | Moderate to light North-Easterly and Northerly breezes; dull, some rain and mist, fairer later; cool.                                      |
|    | b |  |
| 1  | a | Squally strong South-Westerly wind, gale locally, veering North-Westerly and moderating; unsettled, some rain and mist, then fairer; cool. |
|    | b |  |
| 2  | a | Same as Nos 0 to 2.  |
|    | b |  |
| 3  | a | Moderate to light Northerly to North-Westerly breezes; dull, misty, showery, fairer later; cool.   |
|    | b |  |
| 4  | a | North-Westerly to Northerly breezes, fresh at times; cloudy, showery, fairer later; cool.  |
|    | b |  |
| 5  | a | Squally strong to high North-Westerly and Westerly winds; rough sea; some rain and mist, fairer later; cool.                               |
|    | b |  |
| 6  | a |  |
|    | b |  |
| 7  | a |  |
|    | b |  |
| 8  | a |  |
|    | b |  |
| 9  | a |  |
|    | b |  |
| 10 | a |  |
|    | b |  |
| 11 | a |  |
|    | b |  |

FURTHER OUTLOOK.



GENERAL INFERENCE.

The depression over Norfolk is filling up slowly as it passes on to the North Sea. In its rear an improving Northerly type of conditions is probable.



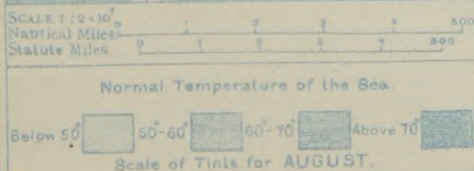
EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm  
**TEMPERATURE.**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky 1/4 clouded. ○ sky 1/2 clouded.  
 ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
 ✕ snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.  
 ☼, thunderstorm.  
**SEA DISTURBANCE.**—Rough ~~~~ High ~~~~

Inches.  
31

30

29





## DAILY WEATHER REPORT.

Tuesday, 3<sup>rd</sup> August, 1915.REPORTS  
FOR  
YESTERDAY.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.	
		° F.	° F.			
Scotland.						
Oban ...	...	70	58	bc	bc	6.0
Banff ...	...	60	53	ogd	ogd	0.0
Carnoustie ...	...	59	55	og	og bcp	0.0
St. Andrews ...	...	57	55	ouls	o	0.0
England, N.E.						
Harrogate ...	...	66	51	otlr	cpc.c.o	2.4
Skegness ...	...	67	53	or	otlr	5.6
England, N.W.						
Morecambe ...	...	70	54	cybc	bc.or.o	4.0
Blackpool ...	...	70	54	op.cbc	cotlr	4.4
Southport ...	...	70	54	op.cbc	cotlr	4.4
Midlands.						
Buxton ...	...	62	47	bc.d	bc.d	1.8
Leamington Spa ...	...	66	53	o.c	q.c	1.6
Malvern ...	...	63	55	rm	rm	0.0
Ross-on-Wye ...	...	64	51	bc.or	or	1.1
Wales.						
Rhyl ...	...	67	54	bc	ptn	2.3
Colwyn Bay ...	...	66	55	bc	bcp	3.6
Llandudno ...	...	66	56	p	ptlp	3.6
Aberystwyth ...	...	64	58	po	gr.o	0.5
Tenby ...	...	66	57	r	bc	2.6
England, E.						
Cromer ...	...	68	56	c.or.c	op.cbc	4.6
Lowestoft ...	...	67	57	bc.c	cbc	9.5
Felixstowe ...	...	60	57	bcp	bc	9.4
Walton-on-Naze ...	...	66	61	bc.c	bc	9.1
Southend-on-Sea ...	...	71	59	bc.cbc	bc.cbc	8.1
England, S.E.						
Tunbridge Wells ...	...	68	55	o.bc	op.c.o	4.0
Margate ...	...	71	58	bc.c	c.bc	6.6
Ramsgate ...	...	68	57	b	bc	7.0
Hastings ...	...	67	57	or.bc	b.bc	6.3
Bexhill-on-Sea ...	...	66	59	bc	c.or	7.5
Eastbourne ...	...	67	57	hbc.o.b	b.bc.o	8.2
Seaford ...	...	67	57	bc.b	b.c	7.5
Brighton ...	...	66	60	c	c.p.o	6.4
Worthing ...	...	68	59	bc	o	4.7
Littlehampton ...	...	67	61	bc	bc.m	5.3
Bognor ...	...	65	60	or.bc	or	4.6
Southsea ...	...	66	59	n.bc	opq	1.6
Bournemouth ...	...	64	58	or	or	0.1
England, S.W.						
Weymouth ...	...	61	58	or	or	0.0
Torquay ...	...	64	57	or	op.c.bc	2.3
Paignton ...	...	64	57	cq	cbrq	5.4
Falmouth ...	...	66	58	cr.bc	bc.c	7.0
Penzance ...	...	61	57	op.o	bc.op	2.0
Newquay ...	...	64	58	op.o	op.o.c	1.0
Ilfracombe ...	...	65	57	r	c.bc	0.3
Weston-super-Mare ...	...	65	57	r	c.bc	0.3

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall. mm. & .	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Max. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		° F.	° F.	° F.				
Greenwich (Royal Obs.) ...	64	95	7.3	72	57	57	12	c.o	o.c	o.c
City (Bunhill Row) ...	*	*	4.5	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	87	99	4.8	70	58	57	14	bc	bcp	o
Camden Sq. (Brit. Rainfall)	*	92	4.4	73	57	57	14	c.o	c.o	o
Hampstead (Reservoir) ...	*	97	5.0	67	54	50	17	c.o	c.o	o
Richmond Park ...	*	*	5.2	*	*	*	*	*	*	*
Kew. (See front page.)	*	*	*	*	*	*	*	*	*	*
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.	Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				70	94		1374 Joules			
				49		249 Milli-watts.		80 Milli-watts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	Yester- day.	
		° F.	° F.	° F.				
Dublin to 4 p.m.	mm. & .	64	56	54	or	bc	bc	*
Darwen to 9 p.m.	10	64	56	54	or	bc	bc	*
Manchester "	7	69	55	*	or	or	or	2.1
Birmingham "	9	65	54	44	cr	r	r	1.3
Oxford to 8 p.m.	*	*	*	*	*	*	*	*
Teignmouth to 9 "	*	*	*	*	*	*	*	*
Plymouth "	*	*	*	*	*	*	*	*
S. Kensington (Museum Grounds to 6 p.m.)	0.4	70	58	49	bc	bc.m	op.o	*

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

3 <sup>rd</sup> & 4 <sup>th</sup> August, 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.17	11.59	7.41
Greenwich ...	4.19	11.59	7.39
Wick ...	4.28	12.6	7.44
Valencia ...	4.30	12.6	7.42
	4.9	12.18	8.27
	4.12	12.18	8.24
	5.7	12.47	8.28
	5.9	12.47	8.26

## NOTES ON YESTERDAY'S WEATHER.

Few stations had temperature as high as 70°, several remained below 60°. Rain was general; 15 mm. at Roche's Point and Kew Observatory. Thunderstorms occurred locally. Sunshine was very variable, none in several places, nearly 11 hours at Clacton.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies rd. at M.O. and at the bookstalls at certain Railway Termini in London.



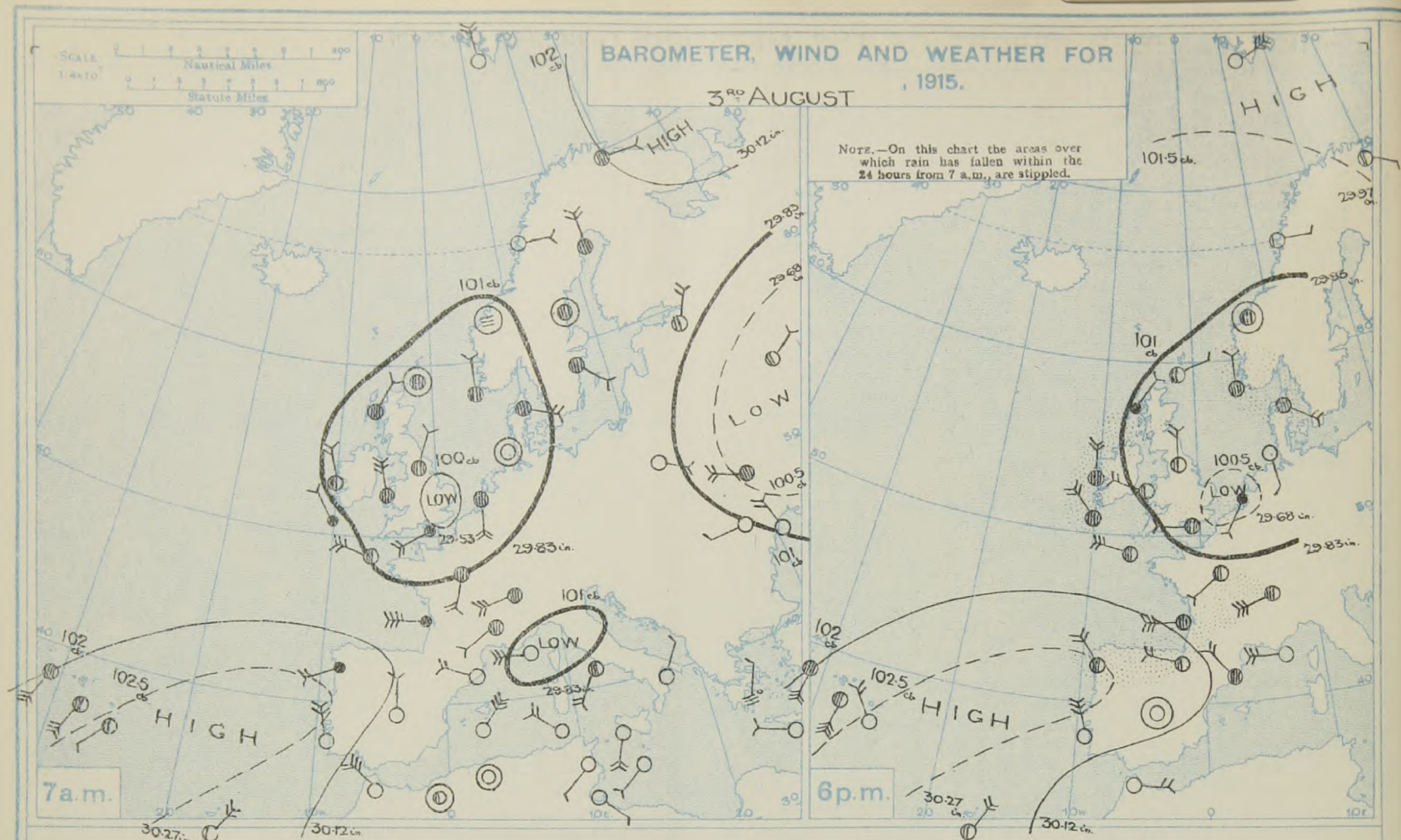
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1008.9	56	ENE	1	bc	1010.3	0	55	+1	0	0	-	m	0	-	59	52	0	bc	om	Hours.
	Deerness	1009.1	54	NE	2	o	1010.8	0	53	0	N	1	-	o	1	-	58	51	0	o	o	0.0
	Stornoway	1009.7	55	NE	2	d	1011.2	+1	56	+1	NE	2	-	o	2	0.1	59	52	0	o	o	0.0
	Castlebay (Barra Isd.)	1009.3	59	NW	3	bc	1011.0	+1	55	-1	NNW	3	-	o	3	-	60	54	0	o	o	2.3
	Glasgow	1008.6	58	ESE	1	c	1011.2	+2	54	-1	ESE	1	-	o	0	8	67	53	0	o	o	1.8
	Eskdalemuir	1007.8	60	NE	4	bc	1011.4	+1	52	-3	-	0	-	o	0	Trace	65	49	0	o	o	9.6
	Malin Head	1009.7	57	N	3	cm	1011.3	+1	55	-2	W	3	SW	cp	4	2	60	53	0	cm	cm	2.3
	Blacksod Point	1013.1	58	NNW	4	om	1014.4	0	53	-1	NW	4	N	cm	3	0.4	59	49	0	bc	cm	0.0
	Valencia	1014.9	58	NW	4	o	1016.4	+1	55	0	N	2	N	o	3	2	62	54	0	c	cp	1.0
	Roche's Point	1013.4	62	NW	4	c	1016.0	0	55	-2	NNW	2	-	o	2	-	64	53	0	c	c	0.0
	Birr Castle	1011.8	58	NW	1	o	1014.4	0	53	-3	NW	2	NW	c	0	1	61	52	0	o	c	0.3
	Donaghadee	1008.0	58	N	4	bc	1011.4	+1	55	0	WNW	4	NW	cm	3	-	62	54	0	bc	bc	0.0
	Liverpool (Bidston)	1007.6	60	WNW	3	b	1011.6	+2	57	-1	WNW	2	W	o	3	-	63	55	0	bc	b	7.5
	Holyhead	1009.0	62	WNW	3	bc	1012.6	+2	56	-2	NW	4	N	cpd	3	Trace	64	55	0	o	o	3.7
	Pembroke (St. Ann's)	1010.7	58	WNW	3	bc	1014.4	+1	56	0	NW	3	NW	c	3	0.3	66	56	0	o	o	3.0
	Scilly (St. Mary's)	1013.0	59	WNW	5	c	1015.7	+1	57	0	WNW	3	W	c	4	1	62	55	0	c	c	3.6
	Falmouth	1012.0	60	W	4	c	1014.6	+2	58	0	NW	4	-	bc	3	Trace	65	56	0	bc	bc	5.3
	Jersey (St. Aubin)	1013.7	61	W	5	og	1015.5	0	60	0	W	4	W	c	4	1	64	56	0	o	o	5.0
	Portland Bill	1009.9	60	W	4	o	1012.6	+2	60	0	W	4	W	bc	4	-	63	58	0	o	o	0.0
	Dungeness	1007.3	62	NW	3	pu	1012.7	+3	61	+1	W	3	W	bc	3	1	69	56	0	o	o	0.0
	Dover	1007.0	57	W	4	r	1011.7	+2	63	+3	W	3	W	bc	3	2	65	56	0	o	o	1.4
NORTHERN EUROPE.	Wick	1009.0	54	-	0	o	1011.0	+2	53	0	-	0	-	o	1	-	56	47	0	o	o	0.0
	Nairn	1008.7	60	E	1	cm	1010.5	0	58	+3	-	0	-	bc	0	0.4	61	51	0	o	o	1.7
	Aberdeen	1008.7	56	NE	1	o	1010.9	+1	54	-1	NW	2	-	o	2	0.4	57	52	0	o	o	0.5
	Leith	1007.6	57	ENE	1	o	1010.8	+1	57	+1	-	0	-	o	0	-	60	53	0	o	o	0.0
	Tynemouth	1007.0	57	N	3	bc	1010.5	+2	56	0	N	2	N	cm	3	-	61	53	0	bc	bc	0.0
	Spurn Head	1006.5	62	N	5	c	1010.8	+1	57	-1	N	3	-	c	5	-	65	48	0	bc	bc	3.8
	Yarmouth	1002.6	63	N	2	bc	1010.0	+2	59	-4	NNW	2	N	bc	2	?	66	57	0	bc	bc	3.5
	Clacton-on-Sea	1004.9	62	W	3	c	1010.9	+3	57	-3	W	2	NW	c	1	9	63	56	0	o	o	0.7
	Nottingham	1006.8	60	W	2	r	1011.2	0	57	-2	W	1	W	cm	0	18	66	53	0	o	o	2.3
	Bath	1008.7	62	W	2	o	1012.4	0	59	+1	W	1	W	r	0	2	66	57	0	o	o	2.8
	St. Farnborough	1007.6	64	W	3	o	1012.0	+2	57	0	W	1	-	om	0	5	66	52	0	o	o	1.3
	London (Kew Obsy.)	1007.8	60	W	2	o	1012.3	+3	58	0	WSW	2	NW	cm	0	7	66	54	0	o	o	1.0
	Spitsbergen	1019.7	46	ENE	6	b	1022.4	0	39	+2	NW	6	-	b	0	0	46	34	0	o	o	0.0
	Vardö	1016.6	50	ESE	1	bc	1013.3	-2	54	+4	ESE	1	-	r	2	0	52	45	0	o	o	0.0
	Bodö	1012.8	63	E	1	b	1012.6	0	61	0	E	2	-	b	2	0	66	59	0	o	o	0.0
Christiansund	1009.2	59	-	0	o	1009.6	0	63	+9	-	0	-	c	2	-	63	55	0	o	o	0.0	
Skudesnaes	1007.3	59	N	2	o	1009.1	+1	61	+4	ENE	1	-	b	1	6	61	55	0	o	o	0.0	
Færder (X'lania Fjord)	1009.0	61	ESE	3	o	1011.3	+1	61	0	SE	2	-	o	1	2.4	61	59	0	o	o	0.0	
The Scaw (Skagen)	1007.7	61	SE	3	o	1008.8	+1	63	+4	SSE	1	-	m	1	2	63	57	0	o	o	0.0	
Blaavands Huk	1006.7	66	S	1	b	1007.9	0	61	0	ESE	1	S	b	1	-	68	52	0	o	o	0.0	
FRANCE, &c.	Haparanda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hernösand	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Stockholm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wisby	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karlstad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Petrograd (5 a.m. G.M.T.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	The Helder	1003.5	61	S	2	r	1005.7	+3	61	0	NNW	2	-	c	1	9	66	59	0	o	o	0.0
	C. Gris Nez	1006.3	60	W	7	o	1011.8	+2	59	0	W	4	-	o	3	6	63	57	0	o	o	0.0
	La Hève	1012.7	60	WNW	5	o	1014.9	0	62	+3	W	5	-	o	5	-	7	54	0	o	o	0.0
	Ushant	1015.7	60	NW	5	o	1017.1	0	59	0	NW	3	-	o	3	-	61	55	0	o	o	0.0
SOUTHERN EUROPE.	Brest (St. Mathieu)	1017.2	60	W	4	c	1018.3	+1	59	+2	W	3	-	o	3	-	66	59	0	o	o	0.0
	Rocheport (Ile d'Aix)	1019.3	64	W	6	o	1019.4	+2	62	-1	WNW	5	-	o	0	1	68	57	0	o	o	0.0
	Biarritz	1022.7	68	WNW	3	bc	1021.3	0	63	-	SSW	2	-	c	3	2	68	61	0	o	o	0.0
	Paris	1012.6	61	SW	2	o	1015.4	+1	59	-2	WSW	2	-	o	0	14	72	54	0	o	o	0.0
	Belfort	1016.6	57	WSW	6	c	1017.7	0	55	-2	WSW	6	-	o	0	8	72	52	0	o	o	0.0
	Lyons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nice	1008.6	78	W	5	b	1011.5	0	67	-6	E	1	-	b	3	-	91	61	0	o	o	0.0
	Perpignan	1018.9	72	NW	3	o	1019.9	0	68	0	NE	1	-	b	0	-	79	55	0	o	o	0.0
	Sanguinaire	...	70	WNW	5	m	...	...	72	-3	NW	5	-	m	5	-	82	66	0	o	o	0.0
	Corunna (7 a.m.)	1025.1	66	NW	4	c	1022.3	-2	59	-4	SE	4	-	o	2	-	68	54	0	o	o	0.0
Madrid (8 a.m.)	1016.6	81	-	0	b	1019.5	+2	68	+4	N	1	-	bc	0	-	82	57	0	o	o	0.0	
Lisbon (9 a.m.)	1020.3	70	NNW	6	b	1019.3	0	64	+1	NNW	4	-	b	5	-	75	61	0	o	o	0.0	
Gibraltar	1016.6	74	E	3	b	1016.2	0	76	+7	E	5	-	o	3	-	82	69	0				

## RAINFALL.

Equivalents of Millimetres,  
in Inches.

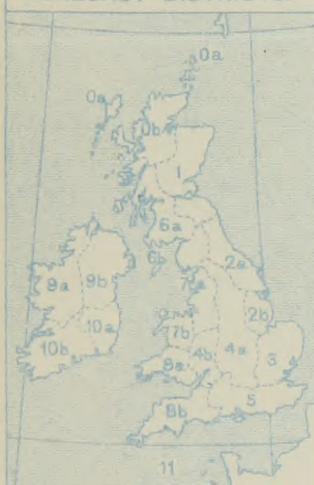
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





### FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Conc.

North Conc.

Signals hoisted this morning.

South Conc.

North Conc.

No Warnings Issued.

Western Channel and Bay 11

Calms and light variable Northerly breezes; changeable, dull to fair or fine, local showers and mist; moderate temperature.

Moderate to light breezes between North and West; local showers and mist, but generally fair to fine; moderate temperature.

Same as Nos 0 and 1.

Same as Nos 2 to 5.

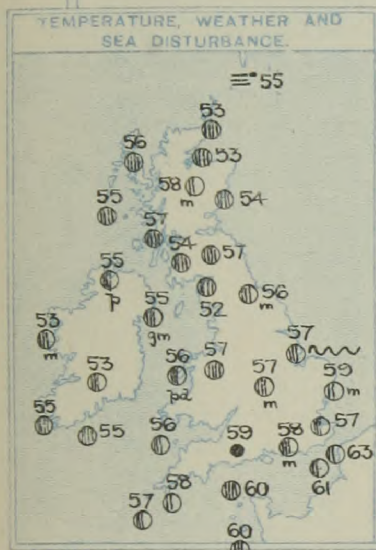
Light to moderate North-Westerly to Westerly breezes; sea slight to moderate; local showers and mist, but generally fair to fine; moderate temperature.

#### FURTHER OUTLOOK.



GENERAL INFERENCE.

The pressure variations indicate quieter and fairer conditions.



EXPLANATION.

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

WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ sky 4/5 clouded. ○ overcast sky. ● rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

SEA DISTURBANCE.—Rough. High.

Inches  
31

30

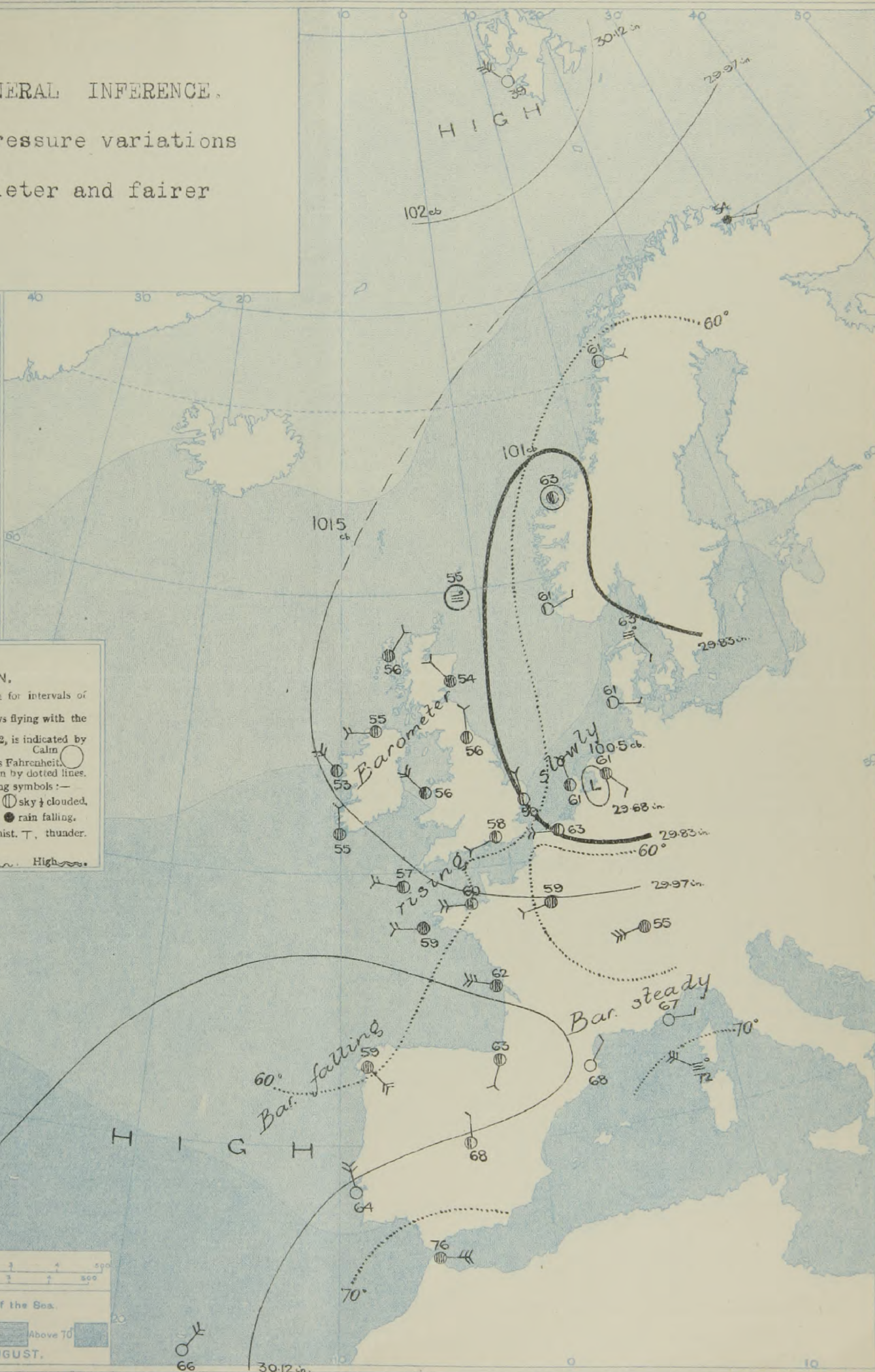
29

SCALE 1:250,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°

Scale of Tints for AUGUST.





## DAILY WEATHER REPORT.

Wednesday 4th August 1915.

REPORTS  FOR  YESTERDAY.  3rd August 1915.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 24 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
Petrograd	1011.0	67	N	3	o	1011.3	0	66	-	NNE	3	E	bc	*	-	70	61	
Lyons	1015.4	60	E	1	c	1017.1	*	56	-10	SW	2	*	o	*	20	70	54	
Perpignan	1014.7	72	NW	3	o	1018.7	+2	68	0	WNW	3	-	b	*	-	75	57	
Madrid	1014.3	79	-	0	b	1019.3	+2	64	-2	N	2	-	b	*	-	82	55	
Rome	1013.2	77	-	0	b	1011.4	0	81	+9	-	0	-	c	*	-	81	75	
Malta	*	*	*	*	*	1015.8	+1	82	+3	WSW	2	-	b	1	-	88	75	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		° F.	° F.						° F.	° F.			
Scotland.	Oban ...	1	67	51	c.bc	b	4.5	Tunbridge Wells ...	9	66	56	or op	4.6
	Banff ...	1	58	54	c	c.bc	1.8	Margate ...	4	66	58	op	0.0
	Carnoustie ...	1	60	54	o	o.c.bcp	0.1	Ramsgate ...	0.1	64	58	bc	0.1
	St. Andrews ...	0.3	58	54	*	*	0.0	Hastings ...	1	67	59	op.o	0.6.c.c
Eng. N.E.	Harrogate ...	0.4	64	55	o.c.o	c.bcp.o	1.0	Bexhill-on-Sea ...	0.3	67	59	or.o	or.c.p.c
	Skegness ...	4	63	58	p.bc	b.c.o	2.5	Eastbourne ...	6	67	60	op.q	bcq
Eng. N.W.	Morecambe ...	1	68	57	b	cp.bc.b	3.5	Seaford ...	0.2	66	59	o	or.c
	Blackpool ...	3	67	57	c	b	6.8	Brighton ...	4	67	60	or.c	c.o
	Southport ...	3	66	56	o.c.b.c.b	b	6.5	Worthing ...	2	68	59	o	c
Midlands.	Buxton ...	17	61	54	or	or	0.5	Littiehampton ...	Trace	69	61	o	o.b.c
	Leamington Spa ...	12	67	58	o.c	or	2.1	Bognor ...	-	68	59	o.b.c	o
	Malvern ...	4.1	65	56	p.op	bc.p.o	0.0	Southsea ...	-	67	59	bc	bc
	Ross-on-Wye ...	23	70	50	or.bc	bc.b	3.2	Bournemouth ...	-	67	56	o.c	o.c
Wales.	Rhyl ...	13	63	56	p.c.bc	bc.c	5.8	Weymouth ...	-	66	58	c.bc	bc.cq
	Colwyn Bay ...	3	64	57	o.c	c.bc	3.0	Torquay ...	0.1	64	58	o.c.bc	c.o
	Llandudno ...	2	67	55	c	bc	4.0	Paignton ...	-	65	57	bcq	bc
	Aberystwyth ...	5	63	58	no.c	c.b.o	3.0	Falmouth ...	1	65	58	cb	bc.c
	Tenby ...	-	65	55	bc.o	bc	2.3	Penzance ...	0.4	65	58	o	o
England, E.	Cromer ...	8	65	57	o.c	o	0.7	Newquay ...	-	62	57	o.b	b.o
	Lowestoft ...	3	66	59	op.c	c.op.c	1.5	Ilfracombe ...	-	61	58	o	o
	Felixstowe ...	5	65	59	cb	bc	1.5	Weston-super-Mare ...	2	64	57	o.c	b.bc.c
	Walton-on-Naze ...	18	63	58	bc.c.or	c.or.bc	1.3						
	Southend-on-Sea ...	7	63	58	or.o	or	0.0						

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 80	% 80	Hr. 0.5	° F. 67	° F. 54	° F. 50	mm. g 10	or. c	or. o	or. o
City (Bunhill Row) ...	* x	* x	1.1	* x	* x	* x	* x	* x	* x	* x
Westminster (St. James's Pk.)	73	80	1.0	66	55	53	12	or. o	or. l	o
Camden Sq. (Brit. Rainfall)	71	77	1.2	69	53	51	10	or. c	c. hor	*
Hampstead (Reservoir) ...	* x	87	1.0	64	51	42	8	c	or. l	o
Richmond Park	...	* x	0.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total. 638 Joules			Average Rate. 11.6 Milli-watts.		Max. Rate. 64 Milli-watts.	
S. Kensington (Roof of M.O.)	70	81	0.9							

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

4th-5th August 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.14	11.59	7.39
Greenwich ...	4.21	12.0	7.37
Wick ...	4.30	12.6	7.42
Valencia ...	4.32	12.18	7.40
	4.12	12.18	9.24
	4.14	12.18	9.22
	5.9	12.47	9.26
	5.11	12.47	8.24

## NOTES ON YESTERDAY'S WEATHER.

Unsettled weather was general, with rain ranging up to 18 mm. at Nottingham. Thunderstorms occurred over inland England. Temperature remained below 70° everywhere. The sunshine records were small in most places, but Eskdalemuir had 9½ hours.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



1915

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 217. Thursday 5th August 1915.

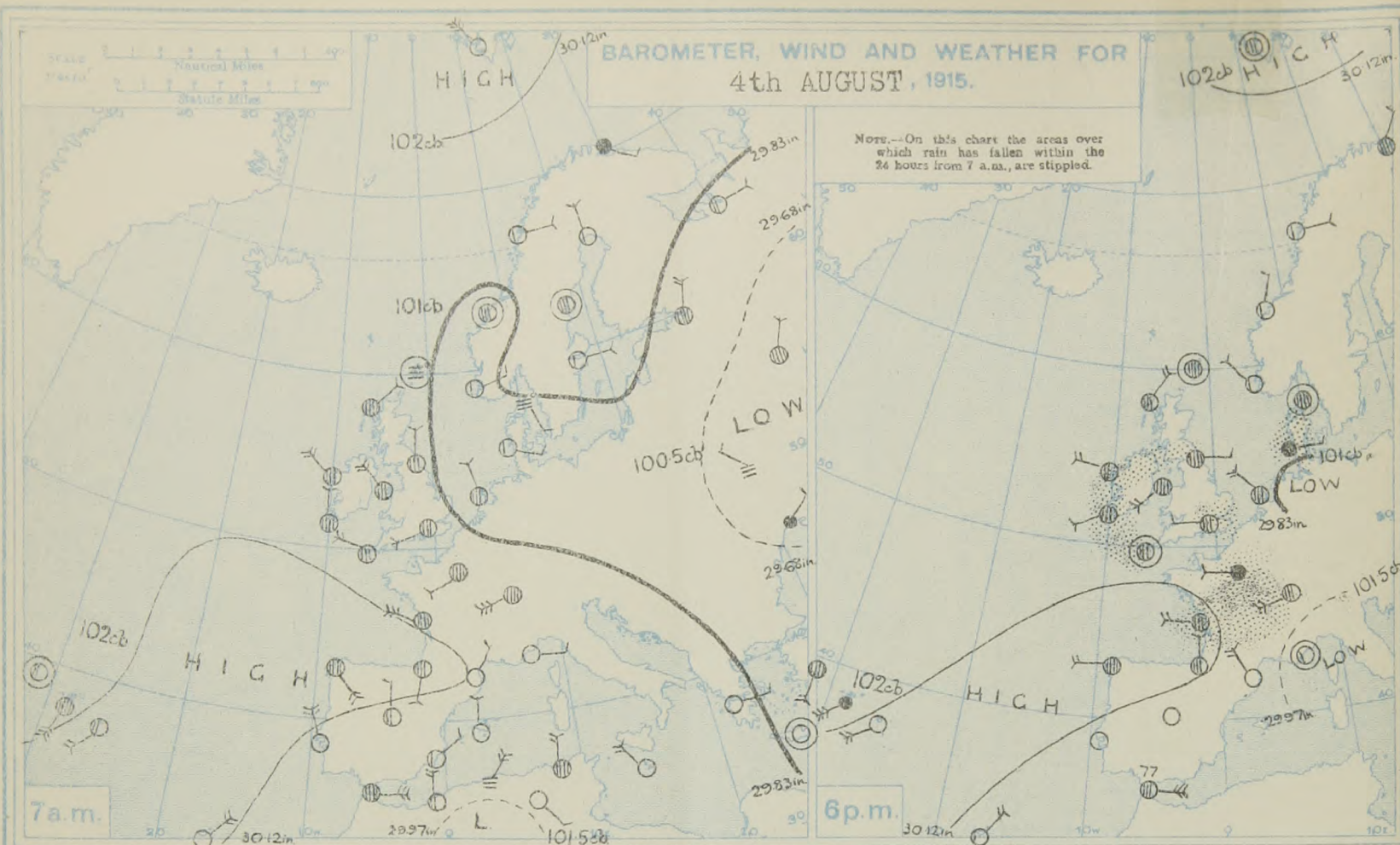
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 8 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Max.	Min.					Morning.	Afternoon.	Night.			
<div><div>BRITISH ISLANDS.</div><div>Lerwick ... 10124 57 - 0 0 10143 0 54 -1 - 0 0 - 59 52 cm 0 0 0 Deerness ... 10125 54 SE 1 0 10142 0 54 +1 SE 1 - 0 0 - 58 53 0 0 0 Stornoway ... 10132 58 NE 3 0 10135 0 55 -1 NE 1 - 0 0 - 62 51 0.0 0.0 0 Castlebary (Barra Isd.) 10128 57 NW 3 0 10130 0 56 +1 W 2 W 0 2 - 59 53 0 0 0 Glasgow ... 10121 61 W 3 0 10140 0 53 -1 W 1 - 0 0 - 61 52 cm 0.0 0.0 0 Eskdalemuir ... 10125 60 WNW 2 0 10143 0 54 +2 SSE 2 - 0 0 - 61 51 0.0 0.0 0 Malin Head ... 10139 55 NW 3 0 10140 0 53 -2 SW 2 E 0 2 - 58 50 cm 0.0 0.0 0 Blacksod Point ... 10153 57 WNW 3 0 10124 -3 52 -1 ESE 2 - 0 1 04 58 49 0 0 0 Valencia ... 10161 58 WSW 2 0 10102 -4 53 -2 ENE 2 E 0 3 2 68 52 0 0 0  Roche's Point ... 10168 60 NW 1 0 10134 0 55 0 SE 3 - 0 3 3 63 51 0.0 0 0 Birr Castle ... 10155 58 W 2 0 10131 0 52 -1 W 1 - 0 0 - 62 48 0 0 0 Donaghadee ... 10135 56 NNE 3 0 10139 0 54 -1 NW 1 NW 0 1 0.2 62 49 0 0 0 Liverpool (Bidston) 10147 60 WNW 3 0 10149 0 57 0 SW 1 - 0 1 - 61 54 0 0 0 Holyhead ... 10147 58 SW 3 0 10147 0 57 +1 E 1 - 0 0 - 64 55 0.0 0.0 0 Pembroke (St. Ann's) 10160 57 WSW 2 0 10148 -1 57 +1 SSE 1 - 0 1 - 62 54 0 0 0  Scilly (St. Mary's) ... 10169 59 - 0 0 10127 -2 57 0 SE 5 - 0 3 2 64 55 0 0 0 Falmouth ... 10169 60 SW 2 0 10146 -2 57 -1 SSE 3 - 0 3 - 64 53 0.0 0 0 Jersey (St. Aubin) ... 10177 63 WNW 3 0 10168 0 58 -2 SW 2 - 0 1 - 64 50 0 0 0 Portland Bill ... 10149 60 W 3 0 10162 0 58 -2 SSW 2 - 0 3 - 62 57 0.0 0 0 Dungeness ... 10150 63 WSW 4 0 10162 +2 62 +1 WSW 2 W 0 3 04 67 57 0 0 0 Dover ... 10146 61 SW 3 0 10171 0 61 -2 SSW 1 - 0 2 27 67 55 0 0 0  Wick ... 10127 55 S 1 0 10139 0 53 0 E 1 - 0 1 - 56 52 0 0 0 Nairn ... 10120 60 - 0 0 10136 0 57 -1 - 0 - 0 0 - 63 53 0 0 0 Aberdeen ... 10130 58 ESE 1 0 10141 0 57 +3 S 2 - 0 2 - 64 54 0.0 0.0 0 Leith ... 10120 58 ENE 1 0 10138 +1 56 -1 WNW 1 - 0 0 - 64 55 0.0 0.0 0 Tynemouth ... 10132 59 E 1 0 10140 +1 57 +1 W 1 - 0 3 0 62 55 0 0 0 Spurn Head ... 10128 60 E 3 0 10154 +4 57 0 N 2 - 0 2 - 67 55 0 0 0  Yarmouth ... 10143 61 NE 1 0 10178 +2 57 -2 NW 1 NW 0 1 4 67 56 0 0 0 Clacton-on-Sea ... 10144 60 - 0 0 10164 +1 59 +2 WNW 1 - 0 1 16 69 54 0.0 0.0 0 Nottingham ... 10137 64 WNW 2 0 10156 0 58 -2 SW 1 SW 0 0 0 66 50 0.0 0.0 0 Bath ... 10148 65 W 2 0 10163 0 54 -5 W 1 W 0 0 0 69 46 0.0 0.0 0 St. Farnborough ... 10139 65 W 2 0 10163 0 56 -1 - 0 W 0 0 1 69 50 0.0 0.0 0 London (Kew Obsy.) 10146 64 W 1 0 10169 +1 58 0 SW 1 SW 0 0 1 69 52 0.0 0.0 0  SOUTHERN EUROPE. Corunna (7 a.m.) ... 10219 72 W 3 0 10194 0 70 +11 - 0 - 0 1 73 64 Madrid (8 a.m.) ... Lisbon (9 a.m.) ... Gibraltar ... 10162 77 E 5 0 10156 0 76 0 E 6 0 2 83 75 Rome ... Malta (8 a.m.) ... Azores (Horta, 8 a.m.) 10194 73 SW 6 0 10130 -2 72 0 SSW 7 0 5 77 72 Madeira (Funchal) 10194 73 NNE 3 0 10189 0 66 0 NNE 3 0 3 75 66  NORTHERN EUROPE. Spitsbergen ... 10242 39 - 0 0 10215 -2 39 0 S 6 0 0 41 36 Vardø ... 10133 48 NE 1 0 10162 +1 46 -8 NE 1 - 0 3 0 55 46 Bodø ... 10135 59 E 2 0 10151 0 57 -4 N 1 - 0 2 0 68 57 Christiansund ... 10127 64 NNE 1 0 10144 +1 57 -6 - 0 - 0 2 0 66 55 Skudesnaes ... 10118 61 NW 2 0 10140 +3 59 -2 ENE 2 - 0 1 - 64 52 Færder (K'laufjord) 10128 63 W 1 0 10136 0 63 +2 N 2 5 1 64 59 The Scaw (Skagen) 10118 63 - 0 0 10132 +2 63 0 - 0 0 1 64 59 Blaavands Huk 10106 59 E 1 0 10128 +2 59 -2 E 1 - 0 1 2 70 52  FRANCE, &amp;c. The Helder ... 10124 61 WNW 3 0 10159 +1 61 0 W 1 - 0 1 - 64 59 C. Gris Nez ... 10136 61 WSW 4 0 10175 +2 59 0 WSW 4 - 0 3 - 64 59 La Hève ... 10162 62 NW 3 0 10176 0 59 -3 - 0 0 1 - 64 54 Ushant ... 10184 61 W 2 0 10146 0 59 0 SSW 5 0 3 - 68 54 Brest (St. Mathieu) 10195 63 W 2 0 10150 -2 57 -2 SE 4 0 3 - 72 55 Rochefort (Ile d'Aix) 10206 64 W 3 0 10194 0 59 -3 SE 4 0 2 - 68 57 Biarritz ... 10206 68 N 2 0 10195 0 64 +1 ESE 1 0 2 - 73 59 Paris ... 10172 63 W 2 0 10194 0 59 0 - 0 - 0 1 70 54 Belfort ... 10191 67 WSW 4 0 10215 0 57 +2 WSW 2 0 2 - 64 51 Lyons ... 10197 64 WNW 3 0 10210 0 60 0 N 2 0 2 - 71 55 Nice ... 10101 72 SW 1 0 10143 +3 71 +4 - 0 0 2 - 79 59 Perpignan ... 10184 73 NW 3 0 10199 0 66 -2 W 2 - 0 0 - 81 54 Sanguinaire ... 71 NW 5 0 72 0 E 3 0 5 - 82 66  SOUTHERN EUROPE. Corunna (7 a.m.) ... 10219 72 W 3 0 10194 0 70 +11 - 0 - 0 1 73 64 Madrid (8 a.m.) ... Lisbon (9 a.m.) ... Gibraltar ... 10162 77 E 5 0 10156 0 76 0 E 6 0 2 83 75 Rome ... Malta (8 a.m.) ... Azores (Horta, 8 a.m.) 10194 73 SW 6 0 10130 -2 72 0 SSW 7 0 5 77 72 Madeira (Funchal) 10194 73 NNE 3 0 10189 0 66 0 NNE 3 0 3 75 66  SOUTH FARNBOROUGH 7 a.m. Pilot Balloon Ascend. 500 metres SW by W 10 m.p.h. 2000 metres SW. 17 m.p.h.  ABERDEEN 8 a.m. Pilot Balloon Ascend. 500 metres S. 11 m.p.h. 1000 metres S. 7 m.p.h. 2000 metres SSE. 9 m.p.h. 3000 metres SW. 2 m.p.h.</div></div>																						

## RAINFALL.

Equivalents of Millimetres in inches.

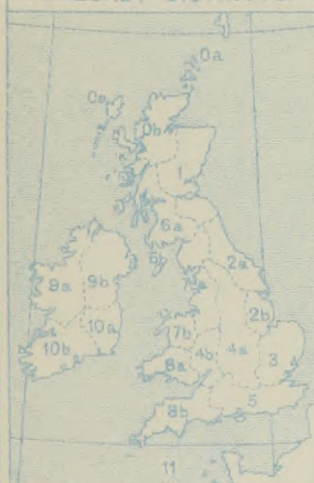
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



STORM WARNING.

The Coasts upon which the Warning Signals are at present hoisted are indicated thus:—

Signals hoisted yesterday.	Signal hoisted this morning.
South Coast	South Coast
North Coast	North Coast

No Warnings Issued.

Western Channel and Bay 11

FURTHER OUTLOOK.

R. G. K. LEMPFERT, Superintendent, Forecast Division.

NAPIER SHAW, Director

Light variable breezes and calms, drawing into

Southerly points and freshening somewhat later; fair to fine, then less settled, some rain and mist: moderate temperature.

Southerly to Easterly breezes, freshening; unsettled dull, some rain and mist; moderate temperature.

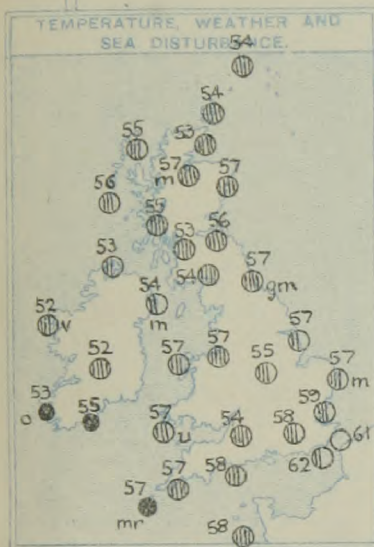
South-Easterly to Easterly breezes, freshening; unsettled, dull, some rain and mist; moderate temperature.

South-Easterly to South-Westerly winds, fresh or strong and squally at times; fair to dull, some rain, mist or fog; moderate temperature.



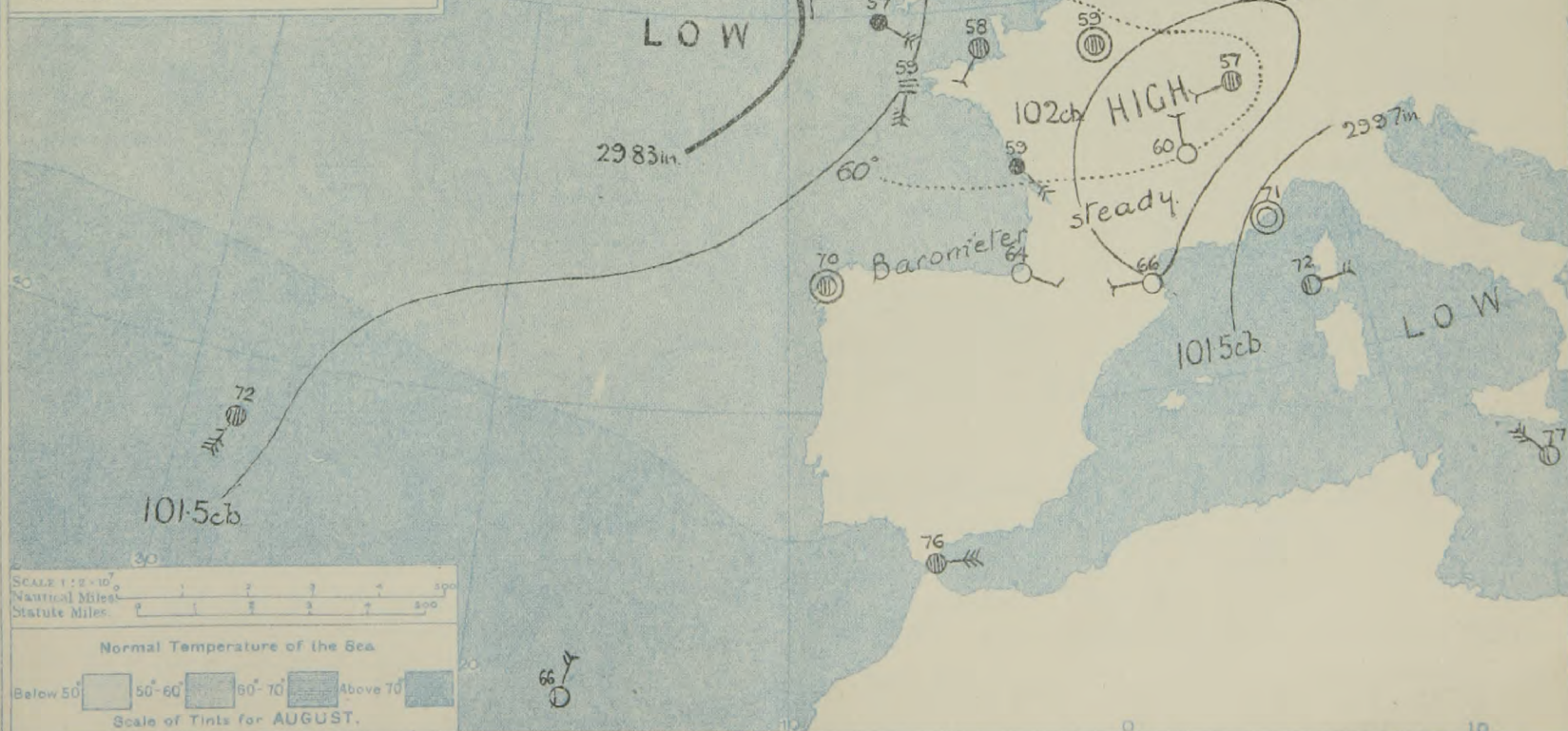
# GENERAL INFERENCE.

The new depression in the South-West will bring about a renewal of less settled conditions.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡° mist. T, thunder.  
 K, thunderstorm.  
**SEA DISTURBANCE.**—Rough High





Thursday 5<sup>th</sup> August 1915.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

### Additional Observations for Yesterday.

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

### NOTES ON YESTERDAY'S WEATHER.

Changeable conditions prevailed, thunderstorms occurred in various parts of Britain, and rain locally, 25 mm. at Leith, 27 mm. at Dover. Only a few stations had temperature as high as 70°. Sunshine was very variable, from none at Malin Head and Deerness to 10½ hours at Jersey.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



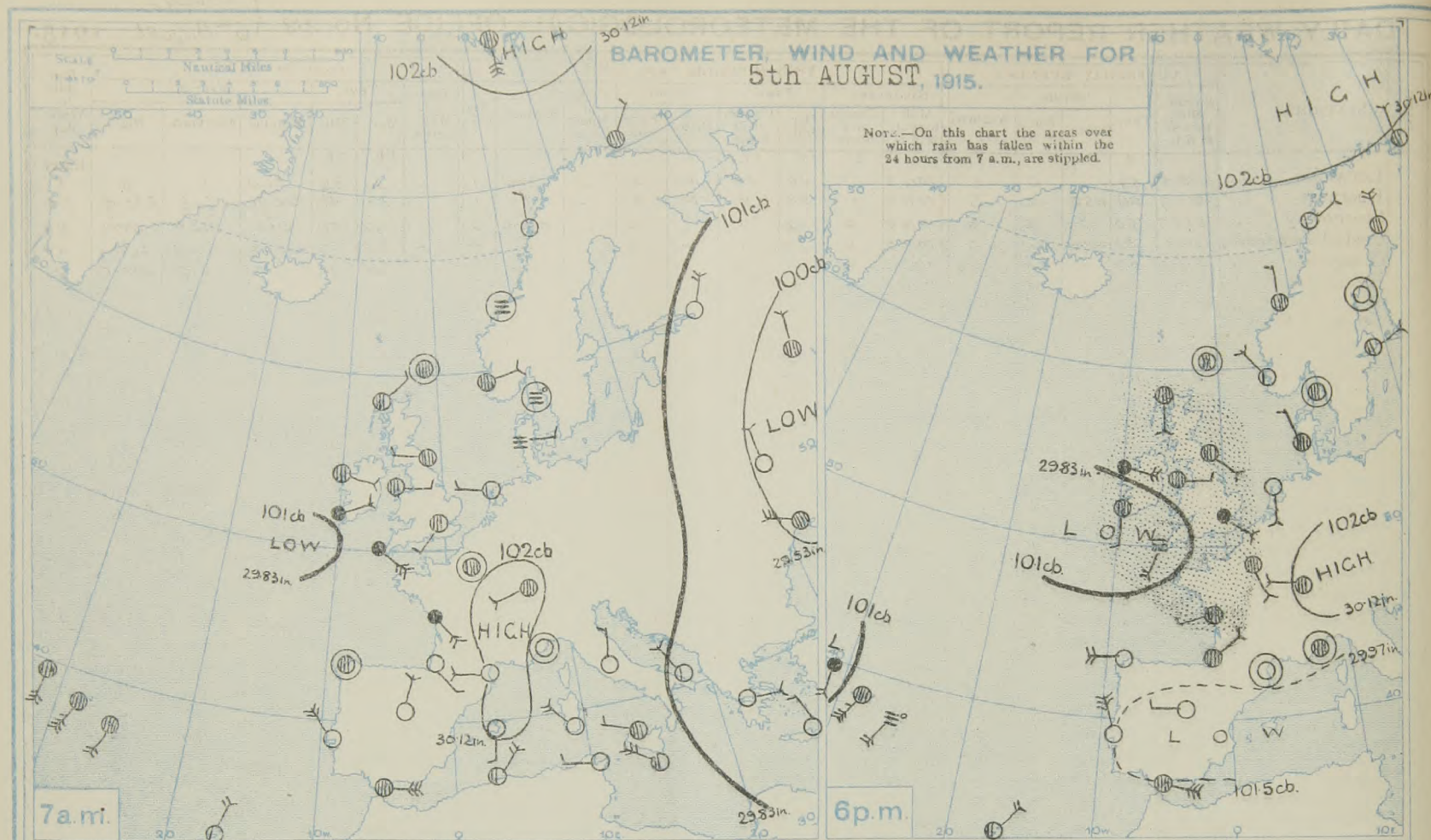
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 218

Friday  
6th August 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 24 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-8.	Rain- fall, Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.						Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1015.5	57		0	C	1014.3	-1	56	+2	NE	2	-	om	1	-	59	52	bc.0	c	c	Hours.
	Deerness	1013.9	56	ESE	2	C	1011.8	-	54	0	E	3	-	f	1	-	58	52	bc.0	bc.0	bc.0	3.3
	Stornoway	1012.3	60	S	2	O	1010.8	0	54	-1	-	0	-	om	0	11	62	54	c.0	bc.0	om	5.6
	Castlebay (Barra Isd.)	1012.0	58	WSW	1	C	1010.8	0	55	-1	W	2	-	0	2	4	60	52	c.0	c.0	c.0	3.0
	Glasgow	1012.5	58	W	1	og	1010.6	-2	50	-3	W	1	-	om	0	6	61	49	sp.0	sp.0	sp.0	0.1
	Esksdalemuir	1012.7	58	S	2	O	1010.0	-1	53	-1	NNE	1	-	0	0	9	60	51	0	0	0	0.0
	Malin Head	1011.8	56	E	3	C	1011.6	0	56	+3	W	1	-	0	1	1	60	50	0	0	0	1.6
	Blacksod Point	1010.1	55	ESE	4	C	1011.3	+2	54	+2	NE	3	E	0	3	2	56	50	0	0	0	0.0
	Valencia	1006.4	64	S	1	O	1011.0	+2	59	+6	S	1	-	0	3	4	69	53	0	0	0	0.7
	Roche's Point	1008.6	59	E	4	R	1011.3	-	59	+4	SE	-1	-	0	2	4	59	54	0	0	0	0.0
	Birr Castle	1009.2	55	SE	1	R	1010.1	-	56	+4	E	1	-	0	2	2	58	51	0	0	0	0.0
	Donaghadee	1012.0	57	SE	2	og	1009.7	-1	52	-2	NNE	3	-	og	3	5	61	51	og	og	om	0.0
	Liverpool (Bidston)	1012.3	62	SE	2	O	1009.7	0	58	+1	SE	2	S	0	2	1	64	55	0	0	0	0.6
	Holyhead	1012.0	59	E	1	op	1009.3	0	58	+1	NW	2	-	0	0	2	62	56	0	0	0	0.0
	Pembroke (St. Ann's)	1009.8	58	SE	5	O	1011.7	+1	58	+1	WSW	2	-	0	2	2	60	55	0	0	0	0.0
	Scilly (St. Mary's)	1009.2	62	SSW	3	f	1012.8	+2	59	+2	WSW	3	-	0	4	9	64	56	0	0	0	1.2
	Falmouth	1009.6	62	SW	3	O	1012.7	+2	60	+3	SW	2	-	0	3	10	63	56	0	0	0	0.3
	Jersey (St. Aubin)	1013.7	62	SE	3	0	1015.4	-	62	+4	SW	4	-	0	8	13	63	58	0	0	0	0.5
	Portland Bill	1012.4	59	SE	4	0	1012.2	+1	60	+2	WSW	4	SW	0	3	6	61	57	0	0	0	0.0
	Dungeness	1015.4	62	-	0	O	1013.4	+1	62	0	SSW	3	-	0	3	1	66	59	0	0	0	0.0
	Dover	1013.6	61	SSW	1	O	1013.3	-	62	+1	SSW	4	S	0	4	1	63	60	0	0	0	7.1
	Wick	1013.5	55	ENE	2	C	1011.2	-2	54	+1	ENE	2	-	0	2	0.2	58	53	0	0	0	0.0
	Nairn	1011.8	59	E	1	og	1010.4	-	55	-2	-	0	-	0	1	2	63	53	0	0	0	0.6
	Aberdeen	1013.3	59	SE	2	bc	1010.7	-1	54	-3	ENE	3	-	0	2	6	64	54	0	0	0	5.2
	Leith	1012.0	61	WSW	1	O	1010.1	-1	53	-3	W	1	-	0	0	5	63	52	0	0	0	0.0
	Tynemouth	1013.8	59	SE	2	og	1010.6	-1	57	0	S	2	-	0	3	1	62	56	0	0	0	0.0
	Spurn Head	1015.4	63	SW	2	bc	1011.4	-2	59	+2	S	3	-	0	3	3	66	55	0	0	0	2.1
Yarmouth	1015.5	64	SW	4	C	1013.7	-1	61	+4	SW	2	-	0	3	1	67	60	0	0	0	5.6	
Clacton-on-Sea	1013.4	64	S	3	O	1013.1	0	62	+3	SSW	3	SW	0	2	4	68	58	0	0	0	6.9	
Nottingham	1013.7	62	S	1	O	1011.0	-	61	+6	SSW	1	SW	0	0	1	66	55	0	0	0	2.1	
Bath	1013.0	59	SE	1	R	1011.9	-	61	+7	S	1	W	0	0	3	63	54	0	0	0	0.1	
St. Farnborough	1014.2	60	SE	2	O	1012.1	0	61	+5	SE	1	-	0	0	1	65	56	0	0	0	3.2	
London (Kew Obsy.)	1014.9	62	SE	2	0	1012.5	+1	63	+3	SSW	2	-	0	0	0	67	58	0	0	0	4.7	
NORTHERN EUROPE.	Spitsbergen																					
	Vardö	1019.9	43	N	2	C	1019.5	0	45	-1	NNE	4	-	0	3	-	46	43				
	Bodö	1015.7	61	ENE	2	C	1015.5	0	54	-3	-	0	-	0	2	-	61	46				
	Christiansund	1017.7	57	N	1	O	1014.7	-1	57	0	NE	1	-	0	2	Trace	61	55				
	Skudesnaes	1014.7	57	NW	2	C	1014.3	0	61	+2	NW	1	-	0	1	-	64	55				
	Færder (Xiania Fjord)	1013.7	64	SW	2	C	1013.7	0	63	0	SW	2	S	0	1	-	66	61				
	The Scaw (Skagen)	1014.4	63	-	0	C	1014.9	0	61	-2	W	1	-	0	1	Trace	68	55				
	Blaavands Huk	1015.8	61	NNW	1	O	1016.6	-2	59	0	W	1	-	0	1	-	64	57				
	Haparanda	1013.5	61	N	4	C	1016.6	0	52	-	NE	4	-	0	2	-	70	48				
	Hernösand	1014.1	63	-	0	C	1016.2	0	63	-	NE	2	SE	0	0	-	72	52				
Stockholm	1011.1	70	ENE	2	bc	1014.1	+1	66	-	N	2	N	0	0	-	75	57					
Wisby	1012.8	64	N	2	C	1013.9	0	64	-	NNW	2	-	0	0	-	70	59					
Karlstad	1013.0	72	S	2	C	1014.6	0	64	-	-	0	W	0	0	-	75	52					
Petrograd (G.M.T.)																						
FRANCE, &c.	The Helder	1016.8	64	S	2	C	1014.7	-1	68	+2	SE	3	-	0	1	-	66	59				
	C. Gris Nez	1015.7	63	SSW	1	C	1013.9	0	62	+3	SSW	4	2	0	3	2	68	59				
	La Hève	1015.5	63	S	4	C	1014.7	-	62	+3	W	5	-	0	5	3	72	52				
	Ushant	1012.2	61	SW	4	R	1015.7	-	61	+2	W	4	-	0	3	20	63	57				
	Brest (St. Mathieu)	1013.3	61	SW	4	R	1016.8	+1	59	+2	WSW	3	-	0	3	15	64	57				
	Rochefort (Ile d'Aix)	1018.1	66	WSW	1	O	1019.4	+2	66	+7	WSW	5	-	0	0	1	68	63				
	Biarritz	1017.1	70	NE	2	O	1020.6	+1	67	+3	-	0	-	0	1	-	79	64				
	Paris	1017.0	68	S	2	O	1017.1	0	66	+7	S	2	-	0	0	Trace	73	59				
	Belfort	1020.0	67	W	2	C	1022.0	-	57	0	-	0	-	0	0	-	73	58				
	Lyons	1018.4	69	NNE	1	bc	1021.1	-	60	0	-	0	-	0	0	-	75	56				
SOUTHERN EUROPE.	Nice	1013.9	71	-	0	C	1018.4	+1	71	0	-	0	-	0	0	-	82	63				
	Perpignan	1016.9	77	-	0	C	1019.9	+2	73	+7	-	0	W	0	0	-	86	66				
	Sanguinaire	*	80	WSW	2	bc	*	-	72	0	E	3	-	0	3	-	89	66				
	Corunna (7 a.m.)	1018.9	72	W	4	C	1022.4	+1	66	-4	N	1	-	0	1	-	73	64				
	Madrid (8 a.m.)	1013.1	86	W	1	C	1019.4	+3	75	+3	-	0	-	0	0	-	90	66				
	Lisbon (9 a.m.)	1015.0	82	NNW	5	C	1017.9	+2	72	+4	N	3	-	0	2	-	86	68				
	Gibraltar	1016.6	76	E	6	O	1017.6	-	76	0	E	6	-	0	3	-	80	75				
	Rome																					
	Malta (8 a.m.)	*	*	*	*	*	1018.4	+3	79	+2	NNE	2	-	0	2	-	82	73				
	Azores (Horta, 8 a.m.)	1012.6	-	SSW	7	O																
Madeira (Funchal)	1017.5	75	NNE	3	bc	1018.7	0	66	0	NE	3											

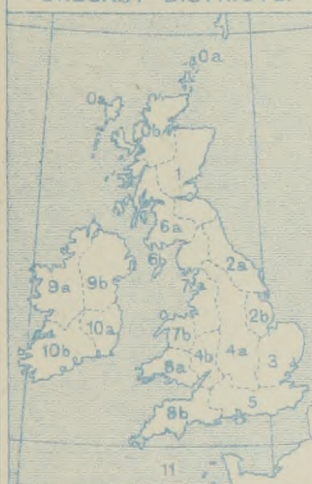
RAINFALL.			
Equivalents of Millimetres in inches.			
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

Western Channel and Bay 11

- |               |   |
|---------------|---|
| 0 { a }<br>b  | Calms and light Easterly to variable airs; dull, damp, misty, some rain, coast fog; moderate temperature.   |
| 1             |   |
| 2 { a }<br>b  | Light to moderate breezes between South and West; dull, humid, rain and mist at times, some coast fog; moderate temperature.                      |
| 3             |   |
| 4 { a }<br>b  |   |
| 5             | Same as Nos 0 and 1.  |
| 6 { a }<br>b  |   |
| 7 { a }<br>b  | Same as Nos 2 to 5.   |
| 8 { a }<br>b  |   |
| 9 { a }<br>b  | Light variable breezes; fair to dull, some rain and mist, and coast fog; moderate temperature.  |
| 10 { a }<br>b |   |
| 11            | Light to moderate South-Westerly and Westerly breezes; sea moderate; fair to dull and damp, with mist or fog and some rain; moderate temperature. |

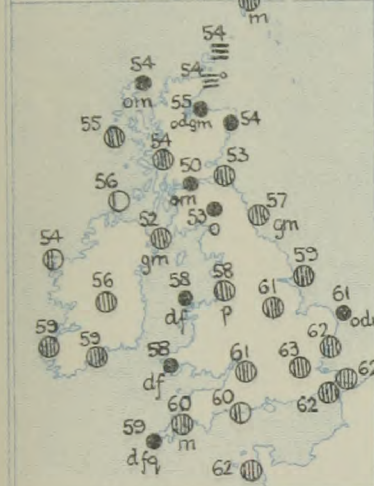
FURTHER OUTLOOK.



GENERAL INFERENCE.

No important change in the general conditions is indicated.

TEMPERATURE, WEATHER, AND SEA DISTURBANCE.



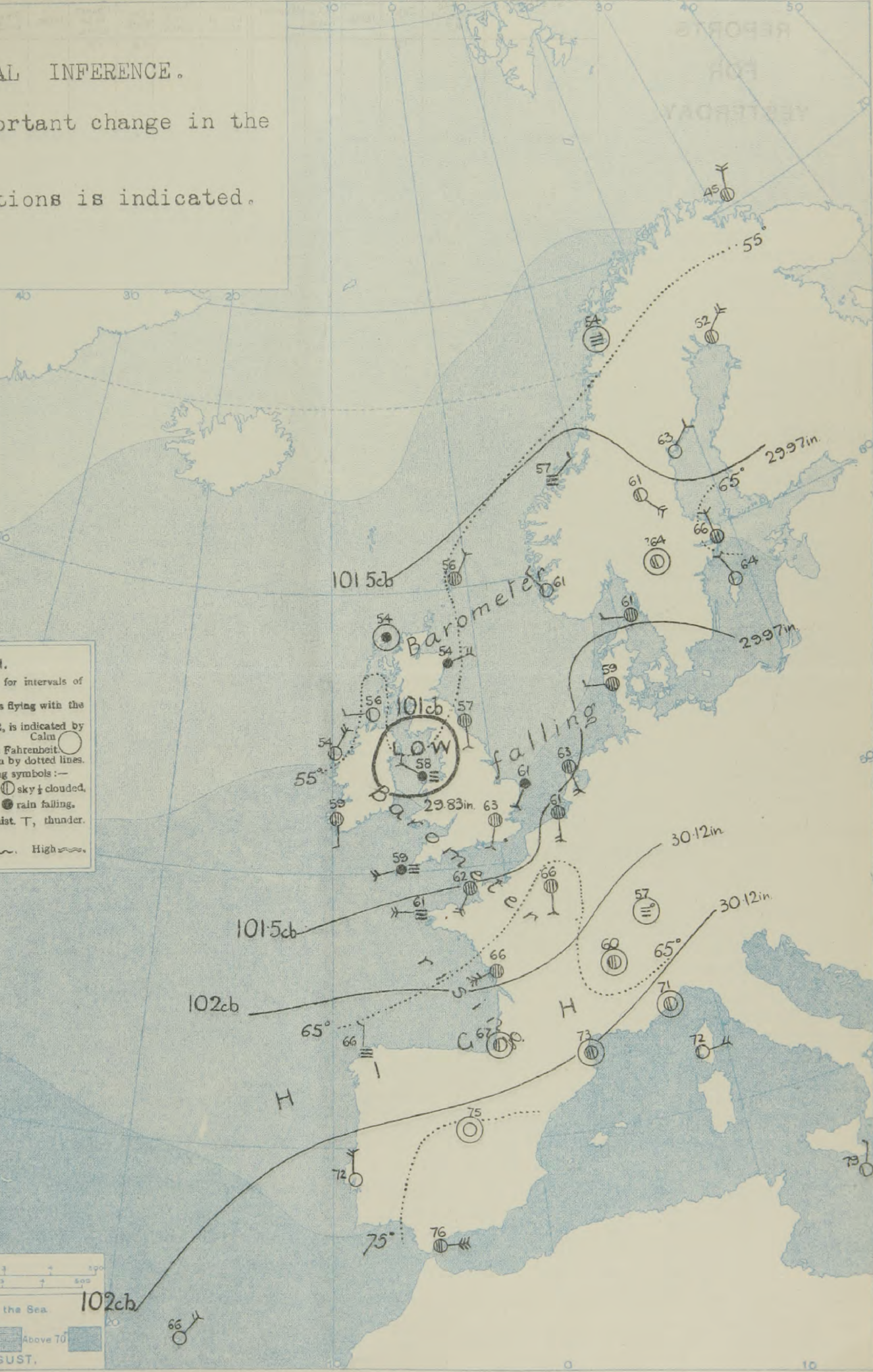
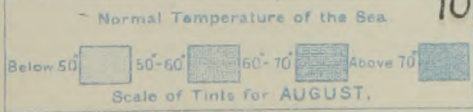
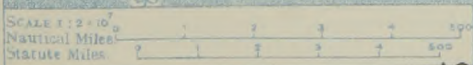
EXPLANATION.

- BAROMETER.**—Isobars are drawn for intervals of five millibars.
- WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm
- TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.
- WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
⊙ sky 2/3 clouded. ⊙ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
K, thunderstorm.
- SEA DISTURBANCE.**—Rough wavy. High wavy.

Inches  
31

30

29





# DAILY WEATHER REPORT.

Friday, 6th August, 1915.

## REPORTS FOR YESTERDAY.

5th August 1915.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.							
		* F.						* F.	* F.									
Petrograd	1007.0	70	NE	2	b	1007.1	+1	64	0	NNE	3	-	b	*	-	73	61	
Madrid	1013.2	84	-	0	b	1013.0	+2	72	+4	NNE	2	-	b	*	-	86	63	
Lisbon	1012.8	71	NNW	6	b	1012.9	+1	68	+4	NNW	4	-	b	2	-	81	64	
Rome	1011.8	73	SW	1	b	1012.8	+2	68	-	N	1	-	b	*	-	84	61	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells ...	2	67	50	bc. o	op. o	5.1
Oban ...	1	63	49	cd	o. c	0.2	Margate ...	-	70	54	bc. bc	bc. c	7.1
Banff ...	-	66	53	o. c	bc. bc	3.2	Ramsgate ...	-	70	53	bc	bc. c	8.0
Carnoustie ...	1	62	50	ogp	bc. op	2.1	Hastings ...	-	66	55	bc. b	bc. o	6.2
St. Andrews ...	-	61	51	*	*	0.2	Bexhill-on-Sea ...	Trace	67	54	bc	bc. o. o	6.0
Eng. N.E.							Eastbourne ...	0.3	64	57	bc. b	op. o	5.5
Harrogate ...	-	63	48	o. c. o	o	0.6	Seaford ...	0.2	67	54	bc. bc	op. o	4.9
Skegness ...	-	67	55	o. c	bc. o	4.4	Brighton ...	0.2	65	52	bc. c	op. o	5.0
Eng. N.W.							Worthing ...	0.3	66	51	bc. bc	c	5.3
Morecambe ...	-	63	53	o. o	o. o	0.2	Littlehampton ...	1	65	52	bc	o	5.4
Blackpool ...	-	63	54	bc. o	o. bc	0.4	Bognor ...	0.3	66	52	bc	o. c	5.6
Southport ...	-	62	54	o. bc. o	op. o	1.2	Southsea ...	0.3	65	54	bc	o	4.0
Midlands.							Bournemouth ...	1	63	50	o. or	or	0.9
Buxton ...	-	61	47	bc	bc	1.6	Weymouth ...	3	63	53	bc. c	o. or	0.1
Leamington Spa ...	2	63	53	bc. o	or	3.1	Torquay ...	1	60	52	o	o. or	0.0
Malvern ...	-	63	46	o. bc	or. d	0.8	Paignton ...	-	63	53	o. or	o. c. o	0.3
Ross-on-Wye ...	14	63	46	o. bc	or. d	0.8	Falmouth ...	3	64	56	or	or. c. o	0.5
Wales.							Penzance ...	12	64	52	op	op. b	1.0
Rhyl ...	-	62	50	c. o	o	1.0	Newquay ...	4	64	52	op	op. b	1.0
Colwyn Bay ...	-	61	51	bc	bc. o	0.6	Ilfracombe ...	3	63	53	op. o. c	op. c. o	0.2
Llandudno ...	-	63	51	c	c	1.0	Weston-super-Mare ...	-	-	-	-	-	-
Aberystwyth ...	-	62	54	o. c. o	c. o	0.0							
Tenby ...	1	61	52	bc. o	o	0.0							
England.													
Cromer ...	-	68	56	om. bc	bc. o	4.5							
Lowestoft ...	-	68	56	bc. m	c	7.1							
Felixstowe ...	-	66	54	bc. c	bc. c. o	7.6							
Walton-on-Naze ...	-	66	54	bc. c	bc. c. o	7.6							
Southend-on-Sea ...	-	71	56	bc. bc	bc. c. o	4.5							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obs.) ...	63	80	4.9	69	59	57	-	c	o.	or. o
City (Bunhill Row) ...	*	*	5.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	63	81	5.1	67	60	58	-	bc	bc	bc. o. c.
Camden Sq. (Brit. Rainfall)	60	77	3.7	70	59	57	-	bc	o	*
Hampstead (Reservoir) ...	*	80	5.6	69	57	52	0.3	bc. op. bc	o	o
Richmond Park ...	*	*	4.3							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.		Average Rate.		Max. Rate.		
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Joules		Milliwatts.		Milliwatts.		
S. Kensington (Roof of M.O.)	60	81	5.5	1266		23.2		83		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL. mm. §	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.		After- noon.	
Dublin to 4 p.m.	-	63	49	46	bc. o. w	0.4
Darwen to 9 p.m.	-	65	52	46	bc. o	0.8
Manchester "	0.9	61	50	43	c. o	1.5
Birmingham "	*	63	53	50	bc. c	0.0
Oxford to 8 p.m.	8	63	53	50	bc. c	0.0
Teignmouth to 9 "	8	63	53	50	bc. c	0.0
Plymouth "	8	63	53	50	bc. c	0.0
S. Kensington (Museum Grounds to 6 p.m.)	0.0	67	52	47	c. bc. bc	0.0

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 70° nearly everywhere.  
Rain fell in most localities, 13 mm. at Jersey.  
South-Eastern England had fair records of sunshine,  
elsewhere there was little or none.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded;  
c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail;  
l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder;  
u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the  
United Kingdom on payment of £1 per annum, for postage and wrappers.  
Single copies 1d. at M.O. and at the bookstalls at certain Railway  
Termini in London.

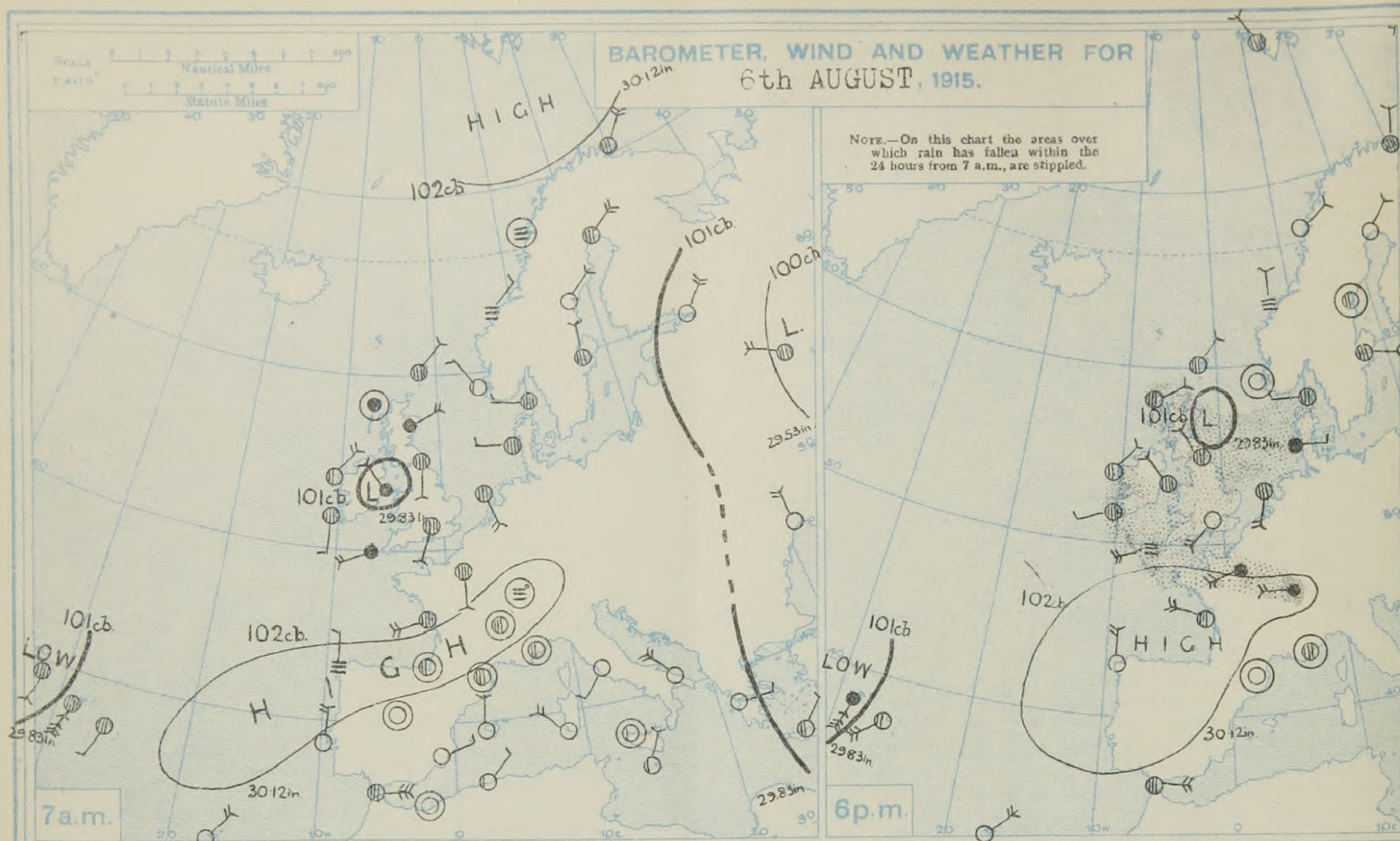


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 219. Saturday. 7<sup>th</sup> August 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 8 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea. 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick	1012.5	58	NE	2	c	1014.1	+1.6	55	-1	N	2	-	c	2	-	61	53	cm	c	c	Hours.	
	Deerness	1011.5	55	NNW	2	oe	1015.2	+	56	+2	N	3	NW	c	1	2	57	53	f. r	r. oe	o. c	0.0	
	Stornoway	1013.0	59	ENE	2	c	1016.5	0	57	+3	NNE	1	-	o	0	2	62	54	op. c	op. c	c. km	4.7	
	Castlebay (Barra Isd.)	1012.7	58	WNW	3	bc	1015.7	0	59	+4	ENE	3	-	om	3	0.2	61	54	o. bc	bc. bc	bc. om	3.8	
	Glasgow	1012.0	59	W	3	bc	1016.5	+2	53	+3	-	0	-	b	1	62	50	om. co	o. c. bc	bc. om	3.9		
	Eskdalemuir	1012.1	60	WNW	4	c	1016.9	+1	56	+3	WNW	2	NW	bc	1	63	49	om. om	om. eq	c. bc. bp	6.2		
	Malin Head	1014.4	58	W	1	bc	1015.8	0	54	+2	SE	2	NW	bc	2	-	60	52	bc	b	bc	13.1	
	Blacksod Point	1015.2	60	NE	2	bcv	1013.0	-4	54	0	ESE	3	SE	c	2	0.3	62	52	bcv	bcv	bc. eq	*	
	Valencia	1015.2	60	WSW	1	o	1012.1	-2	62	+3	SSE	3	-	om	3	7	63	58	o. c	o. c	ordin	1.2	
	Roche's Point	1015.5	62	SW	3	o	1015.3	+	60	+1	SW	1	-	f	2	6	68	58	o. c	o. c	o. c	0	
	Birr Castle	1015.3	62	NE	1	c	1013.8	+	58	+2	E	1	-	r	2	2	65	53	o. d. o	c	c. o. r	2.2	
	Donaghadee	1013.7	58	N	4	b	1016.4	+1	52	0	S	1	-	cm	2	-	60	49	bcv	bcv. b	bcv. om	*	
	Liverpool (Bldston)	1014.1	59	W	3	b	1016.1	0	56	-2	-	0	-	og	1	2	62	52	op	bc	bc. o	2.5	
	Holyhead	1015.0	59	NW	2	o	1016.8	0	56	-2	SE	2	-	omg	0	2	61	50	fd. po	o. c	o. c. p	0.9	
	Pembroke (St. Ann's)	1016.8	59	WSW	2	c	1017.0	-1	60	+2	SSW	2	-	ofr	2	3	61	58	fd	b. f	c	1.6	
	Scilly (St. Mary's)	1017.4	61	WSW	4	f	1018.3	+1	60	+1	SW	4	-	fe	4	0.2	65	57	om. om	bcv. om	fe	5.0	
	Falmouth	1017.7	65	SW	2	b	1018.2	0	62	+2	SW	3	-	em	2	1	66	59	om. c	c. bc	om	5.0	
	Jersey (St. Aubin)	1019.3	63	W	3	og	1021.1	+	62	0	SSW	2	-	ome	2	1	67	60	op. o	o. c. og	om. op	2.9	
	Portland Bill	1015.6	60	WSW	5	bc	1018.5	0	59	-1	SW	2	-	f	3	1	61	58	cm	bc	c. o. fd	0	
	Dungeness	1015.0	62	SW	3	o	1019.7	+2	62	0	SW	2	-	o	2	0.4	67	58	op. bc	bc. c. o	o. c. bc. o	0	
	Dover	1014.9	63	SW	4	c	1019.7	-	62	0	SW	2	W	o	3	-	66	56	og. c	c. bc. c	c. o	2.2	
	Wick	1011.4	55	N	3	o	1018.3	+2	56	+2	NW	2	NW	o	2	4	56	55	om. r	om. p	om. r	0	
	Nairn	1011.5	56	-	0	om	1016.0	+	56	+1	-	0	-	cg	1	3	57	52	od	om. p	mg. d	0.0	
	Aberdeen	1009.7	57	NW	4	c	1015.4	+2	57	+3	NW	3	NW	b	2	3	59	52	or	o. c	c. op. b	0.7	
Leith	1010.5	62	NW	2	c	1016.1	+2	56	+3	WSW	2	-	b	1	-	63	52	o	o. c	o	0		
Tynemouth	1010.6	64	NW	2	cm	1016.4	+3	55	-2	WNW	2	W	bc	3	2	64	51	om. p	om	bc	0		
Spurn Head	1011.2	65	WNW	4	cg	1016.4	+4	57	-2	NNW	5	-	bcq	4	1	72	53	c. o	cl. fg	bcq	5.4		
Yarmouth	1011.9	71	WNW	2	bc	1017.7	+2	56	-5	NW	2	NW	bc	2	1	72	52	om. d. bc	bcq. p	bcv	3.6		
Clacton-on-Sea	1013.2	71	W	4	bc	1018.9	+3	59	-3	WNW	3	NW	bc	2	-	72	55	og. o	o. c. bc	bc	4.8		
Nottingham	1012.8	66	WNW	4	b	1018.2	+	54	-7	SW	1	SW	bm	0.2	73	48	op. c	bc. b	b	5.9			
Bath	1015.0	64	W	1	o	1018.4	+	61	0	S	1	SW	o	1	68	58	op. c	c	og	1.5			
St. Farnborough	1014.2	68	W	3	bc	1018.6	+1	62	+1	SW	1	SW	o	1	72	68	o. c. bc. p	p. bc	bc. c	2.8			
London (Kew Obsy.)	1014.5	70	SW	3	b	1019.2	+2	61	-2	WSW	2	W	o	+	Trace	72	59	o	op. c. o. b	c. bc. o	3.4		
NORTHERN EUROPE.	Spitsbergen	1015.4	39	NNW	2	o	1013.3	0	39	-	-	0	-	o	+	39	36						
	Vardö	1018.4	45	NNE	2	o	1016.4	-2	48	+3	SW	1	-	o	2	+	48	39					
	Bodö	1013.5	57	ENE	2	b	1012.2	0	55	+1	-	0	-	b	1	-	59	46					
	Christiansund	1013.2	55	N	2	f	1011.8	-1	55	+2	NE	2	-	o	2	Trace	59	55					
	Skudesnaes	1011.4	61	-	0	o	1009.3	0	61	0	NNW	3	-	c	1	-	64	55					
	Færder (X'ania Fjord)	1012.2	61	SSW	2	o	1010.6	0	63	0	E	2	-	o	1	-	64	61					
	The Scaw (Skagen)	1013.7	61	W	1	c	1008.6	-2	61	0	ESE	3	-	r	3	1	66	57					
	Blaavands Huk	1013.1	61	E	1	r	1008.7	0	59	0	WNW	3	-	o	2	5	64	57					
	Haparanda	1015.9	57	NE	2	b	1016.8	0	52	0	NE	2	-	b	+	64	39						
	Hernösand	1015.3	59	-	0	bc	1014.9	0	59	-4	-	0	-	C	+	Trace	64	55					
FRANCE, &c.	Stockholm	1014.1	64	ESE	2	c	1012.4	0	68	+2	E	2	-	c	+	-	72	57					
	Wisby	1013.6	66	NE	2	b	1012.0	-1	61	-3	SE	4	-	C	+	-	66	57					
	Karlstad	1013.0	68	S	2	bc	1011.5	-1	61	-3	SW	2	-	r	+	Trace	73	57					
	Petrograd (8 a.m. G.M.T.)																						
	The Helder	1012.7	63	SSW	3	c	1015.5	+2	63	0	W	3	-	b	2	2	70	61					
	C. Gris Nez	1013.6	61	WSW	5	o	1019.3	+2	61	-1	WSW	4	-	o	3	-	66	59					
	La Hève	1017.3	66	W	3	o	1021.1	+	61	-1	W	4	-	o	4	1	68	54					
	Ushant	1020.2	62	WSW	4	f	1021.0	+	61	0	SW	3	-	m	3	+	64	57					
	Brest (St. Mathieu)	1021.3	61	WSW	3	o	1022.3	+1	61	+2	WSW	3	-	m	3	1	66	59					
	Rochefort (Ile d'Aix)	1023.3	69	WNW	4	c	1024.4	+2	66	0	-	0	-	a	+	-	72	63					
SOUTHERN EUROPE.	Biarritz																						
	Paris	1019.1	66	W	2	o	1022.0	+2	63	-3	WSW	1	-	o	+	4	73	61					
	Belfort	1020.6	64	W	3	r	1023.8	+	61	+4	WSW	4	-	o	+	2	73	57					
	Lyons	1019.8	73	NNW	2	o	1024.3	+	64	+4	NNW	3	-	bc	+	-	82	61					
	Nice	1018.4	67	-	0	C	1019.7	+1	69	+2	-	0	-	b	1	-	81	63					
	Perpignan	1020.2	81	-	0	b	1022.3	+1	73	0	W	3	-	b	+	-	90	66					
	Sanguinaire	*	77	W	3	m	*		74	+2	SE	2	-	b	2	-	86	64					
	Corunna (7 a.m.)	1023.5	72	N	3	b	1021.1	-2	61	-5	-	0	-	f	2	-	73	61					
	Madrid (8 a.m.)																						
	Lisbon (9 a.m.)	1016.7	88	NNW	4	b	1017.1	0	73	+1	N	2	-	b	2	-	90	70					
SOUTHERN EUROPE.	Gibraltar	1018.9	76	E	4	c	1019.6	+	77	+1	E	5	-	o	3	-	84	70					
	Rome																						
	Malta (8 a.m.)	*	*	*	*	*	1019.2	+1	75	-4	N	3	-	b	1	-	81	72					
	Azores (Horta, 8 a.m.)	1009.9	*	SSW	8	r	1012.3	+2	71	-2	SW	5	-	o	4	52	73	68					
	Madeira (Funchal)	1017.7	75	NE	3	b	1018.0	0	68	+2	NE	3	-	b	3	-	75	66					
South Farnborough																						Aberdeen	
Pilot Balloon Ascent																						Pilot Balloon Ascent	
500 metres WSW 8 m.p.h.																						500 metres NNW 20 m.p.h.	
1000 metres																						1000 metres N 16 m.p.h.	

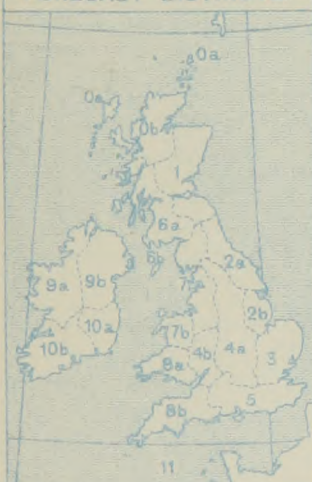
RAINFALL.			
Equivalents of Millimetres. in Inches.			
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued

Western Channel and Bay 11

0 { a }  
b }  
1 {  
2 { a }  
b }  
3 {  
4 { a }  
b }  
5 {  
6 { a }  
b }  
7 { a }  
b }  
8 { a }  
b }  
9 { a }  
b }  
10 { a }  
b }

Light North-Westerly breezes, backing later;  
fair to dull, some rain and sea mist or fog; moderate  
temperature.

Light to moderate South-Westerly breezes; fair  
to dull, some rain and sea mist or fog later; moderate  
temperature.

Wind mainly Southerly, moderate to fresh at  
times; dull, some rain, much sea mist or fog; moderate  
temperature.

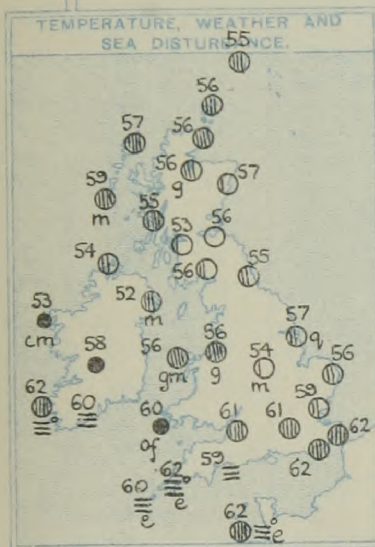
Moderate to fresh South-Westerly breeze: sea  
moderate to rather rough; fair to dull, some rain, mist,  
or fog; moderate temperature.

FURTHER OUTLOOK.



GENERAL INFERENCE.

The new depression in the southwest will maintain the unsettled type of conditions.



EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**WIND.**—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers. Calm

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ● rain falling.

\* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 K, thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~. High ~~~~.

Inches.  
— 31

30

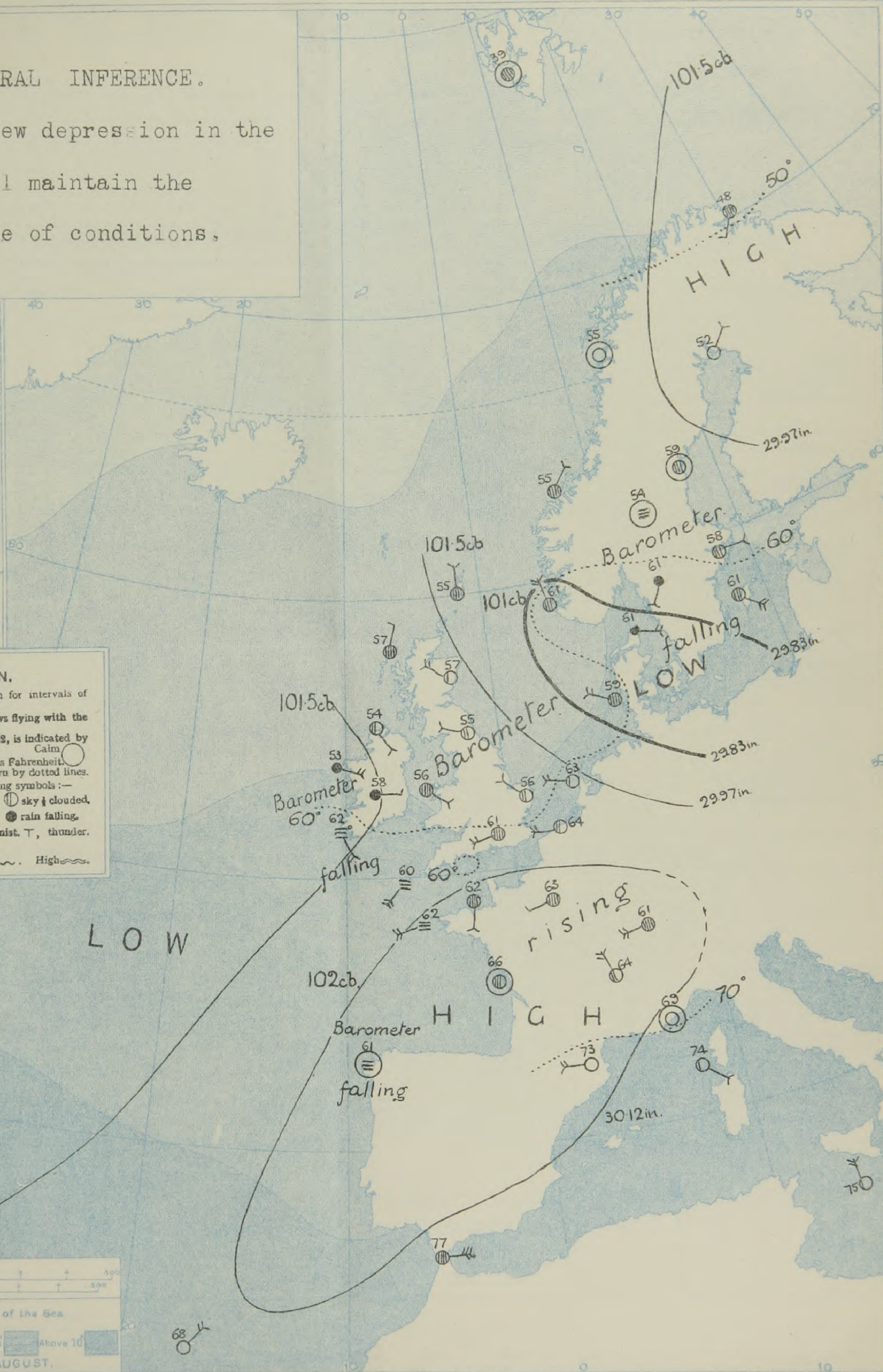
29

SCALE 1:250,000  
 Nautical Miles 0 1 2 3 4 5  
 Statute Miles 0 1 2 3 4 5

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°

Scale of Tints for AUGUST.





# DAILY WEATHER REPORT.

Saturday, 7th August, 1915.

## REPORTS FOR YESTERDAY.

6th August, 1915

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-10.	Max.		Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Direc.	Force 0-12.							
Petrograd...	1005.6	66	N	2	bc	1006.9	+2	59	-5	NNE	4	-	3	*	2	75	55	
Rome.....	1015.4	75	NW	1	b	1012.4	+4	73	+5	SW	1	-	3	*	-	84	64	
Azores(Horta).						1010.1	+1	73	+1	SSW	8	*	0	6	13	77	70	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		°F.	°F.						°F.	°F.			
Scotland.							Tunbridge Wells ...	1	70	58	o	c.o	1.4
Oban ...	2	64	50	ac	bc.c	3.4	Margate ...	-	73	60	c	bc	2.7
Banff ...	3	60	54	dgr	dgrm	0.0	Ramsgate ...	6	72	59	o	bc	2.8
Carnoustie ...	7	61	53	or	o.c. cp	0.6	Hastings ...	1	66	60	o	o	0.0
St. Andrews ...	8	61	53	*	*	0.7	Bexhill-on-Sea ...	1	66	60	o	c.o	0.6
Eng. N.E.							Eastbourne ...	0.3	64	61	oe	og	0.0
Harrogate ...	1	66	53	o.c. bc.c	c. bc	4.2	Seaford ...	-	67	54	o. c	o	0.5
Skegness ...	3	73	58	op.c	u. op.c	6.6	Brighton ...	5	66	60	o	o	0.6
Eng. N.W.							Worthing ...	4	65	60	c	o	0.6
Morecambe ...	1	65	56	cr	bc.b	4.2	Littlehampton ...						
Blackpool ...	9	63	56	a. or. o	o. c. bc. b	2.6	Bognor ...	2	66	52	o	o	1.3
Southport ...	3	63	54	or. o	c. bc. b	1.3	Southsea ...	2	68	57	o	c	2.2
Midlands.							Bournemouth ...	7	69	57	o. c. o	bc	5.0
Buxton ...	5	65	51	bc. r	bc	1.9	Weymouth ...	1	67	58	om. c	bc	3.8
Leamington Spa ...	5	72	58	o. bc	bc. cp	5.1	Torquay ...	2	68	59	o	bc. b	1.5
Malvern ...	1	69	55	c. bc	bc	3.0	Paignton ...						
Ross-on-Wye ...	1	71	55	c. bc	bc. c	2.5	Falmouth ...	1	66	58	one	c. bc.	4.6
Wales.							Penzance ...	1	66	57	omf	om. c. f	1.1
Rhyl ...	?	61	56	op. c	c. bc	0.8	Newquay ...	0.3	65	58	o. bc	om	1.0
Colwyn Bay ...	-	61	57	c. bc	bc	0.0	Ilfracombe ...	3	63	59	dm o	o	0.0
Llandudno ...	1	60	55	c	c	0.1	Weston-super-Mare ...	5	65	56	or	c. bc. cu.	1.0
Aberystwyth ...	1	62	59	z. o. c.	cg	0.0							
Tenby ...	3	63	56	o	o	0.0							
England, E.													
Cromer ...	4	72	56	o. c	cp. bc. c	3.0							
Lowestoft ...	2	71	60	sr. c	c. bc	3.0							
Felixstowe ...	2	72	61	o	bc	3.6							
Walton-on-Naze ...	6	72	58	og	bc. b	5.0							
Southend-on-Sea ...	9	73	60	om. c. bc	bc	2.7							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
Greenwich (Royal Obsy.) ...	% 62	% 77	Hr. 3.5	° F. 75	° F. 58	° F. 53	mm. § 0.3	o	apc	c
City (Bunhill Row) ...	*	*	3.3	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	71	79	3.0	71	58	54	2	bc. ur	bc	bc or
Camden Sq. (Brit. Rainfall)	67	72	2.8	73	57	54	-	o	bc	*
Hampstead (Reservoir) ...	*	82	3.0	69	56	49	1	b. op	c	o
Richmond Park ...	*	*	3.7	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	68	78	3.1	1065 Joules		196 Milliwatts.		73 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm.‡	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.								
Darwen to 9 p.m.	5	63	52	52	our	bc. ur	or. bc	1.8
Manchester "				*				
Birmingham "					*			
Oxford to 8 p.m.	*							
Teignmouth to 9 "	-	76	59	58	o	a. c. bc	bc	1.7
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	1	72	60	57	o	o	cp. bc	*

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 70° in several parts of England. Small quantities of rain fell in most places. Malin Head registered 13 hours of bright sunshine, but generally the records were small, none in many instances.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



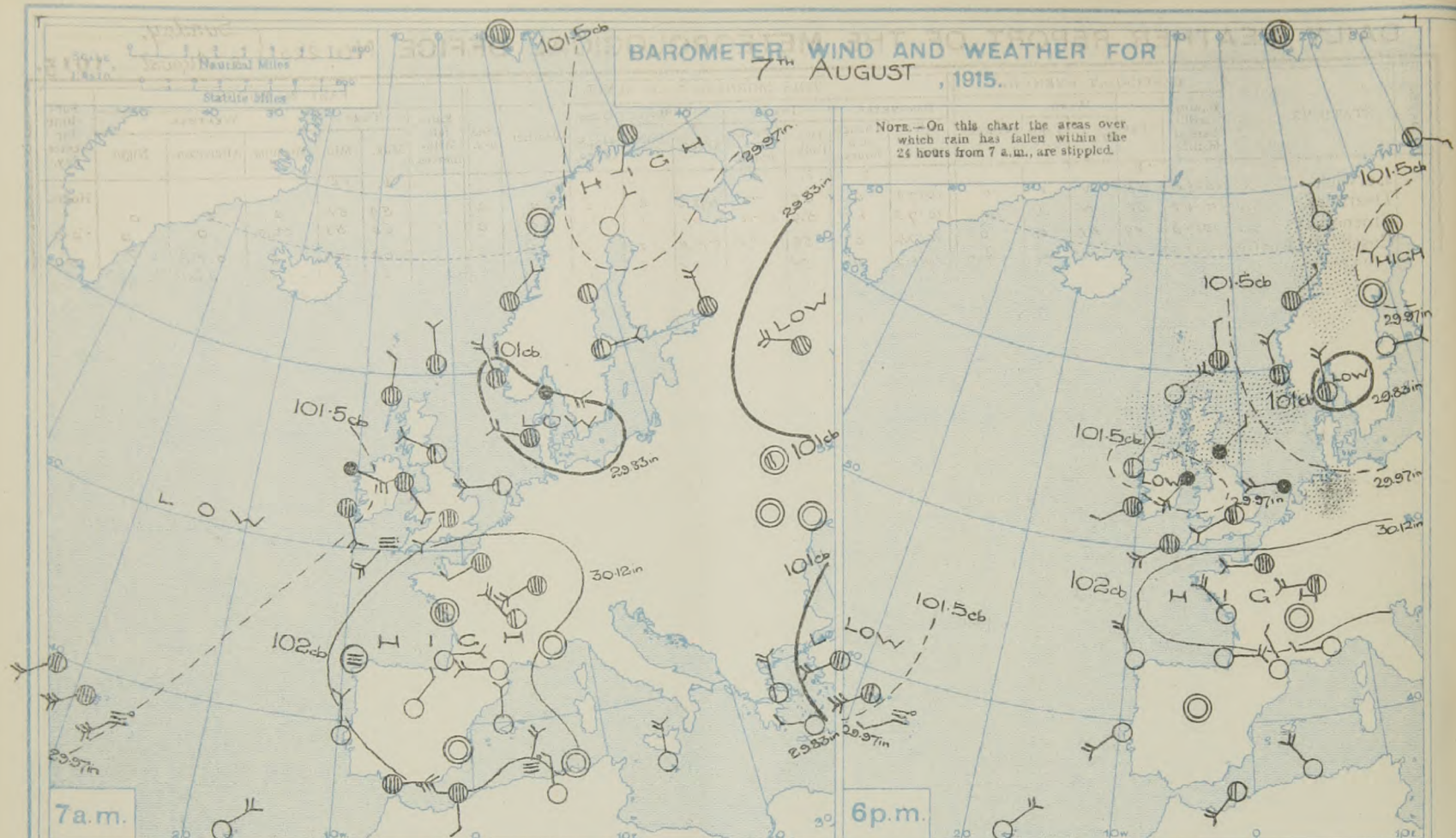
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 220

Sunday,  
8<sup>th</sup> August 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall, Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.							Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.		Night.
BRITISH ISLANDS.	Lerwick	10156	55	N	1	0	10173	0	53	-2	NNE	2	-	0	2	-	59	51	c	c	0	0	Hours.
	Deerness	10166	56	N	2	0	10173	0	54	-2	N	1	-	0	0	-	63	53	0.0	0	0	0.0	
	Stornoway	10173	59	NE	2	0	10174	0	56	-1	ENE	2	-	0	2	-	62	49	0	0.0	0	5.4	
	Castlebay (Barra Isd.)	10158	58	SE	2	0	10162	0	58	-1	ESE	3	-	0	3	-	61	52	0.0	0.0	0	6.2	
	Glasgow	10161	61	E	1	0	10184	+2	53	0	E	1	-	0	0	-	62	48	0.0	0.0	0	2.2	
	Eskdalemuir	10166	56	NE	1	0	10185	+2	50	-6	NE	3	-	0	0	-	60	50	0.0	0.0	0	2.9	
	Malin Head	10153	58	E	3	0	10165	0	55	+1	S	3	-	0	2	-	60	50	0.0	0.0	0	0.2	
	Blacksod Point	10149	61	NNE	2	0	10139	-2	56	+2	SE	4	-	0	2	-	62	52	0.0	0.0	0	0.2	
	Valencia	10164	60	WSW	1	0	10146	0	61	-1	S	2	-	0	3	-	65	59	0.0	0.0	0	0.6	
	Roche's Point	10154	66	N	4	0	10172	0	59	-1	SW	1	-	0	2	-	69	58	0.0	0.0	0	0.0	
	Birr Castle	10135	62	NW	1	0	10157	0	57	-1	E	1	-	0	0	-	67	55	0.0	0.0	0	0.0	
	Donaghadee	10149	56	ESE	3	0	10169	0	55	+3	SE	1	-	0	0	-	56	51	0.0	0.0	0	0.0	
	Liverpool (Bidston)	10132	58	ESE	3	0	10162	+3	55	-1	SSE	2	-	0	2	-	61	54	0.0	0.0	0	0.2	
	Holyhead	10120	59	SW	4	0	10165	+2	57	+1	NNE	3	-	0	2	-	61	56	0.0	0.0	0	0.0	
	Pembroke (St. Ann's)	10153	60	SW	6	0	10179	+1	60	0	SW	1	-	0	3	-	61	59	0.0	0.0	0	0.0	
	Scilly (St. Mary's)	10193	62	WSW	4	0	10190	0	60	0	SW	2	-	0	4	-	61	58	0.0	0.0	0	1.1	
	Falmouth	10192	62	SW	4	0	10194	+2	61	-1	SW	3	-	0	3	-	68	59	0.0	0.0	0	2.8	
	Jersey (St. Aubin)	10217	64	WNW	3	0	10209	0	63	+1	N	2	-	0	1	-	70	61	0.0	0.0	0	3.7	
	Portland Bill	10187	61	WSW	5	0	10188	0	59	0	WSW	5	-	0	4	-	62	58	0.0	0.0	0	0.0	
	Dungeness	10185	62	SW	4	0	10179	0	61	-1	SW	5	-	0	5	-	65	60	0.0	0.0	0	0.0	
	Dover	10185	63	SW	3	0	10186	0	64	+2	WSW	3	-	0	4	-	66	60	0.0	0.0	0	0.6	
	Wick	10168	59	NW	2	0	10177	+1	54	-2	N	1	-	0	1	-	62	44	0.0	0.0	0	0.0	
	Nairn	10159	62	ENE	2	0	10177	0	53	-3	-	0	-	0	0	-	67	44	0.0	0.0	0	6.1	
	Aberdeen	10168	57	S	1	0	10184	+1	54	-3	-	0	-	0	2	-	63	52	0.0	0.0	0	2.4	
	Leith	10156	61	E	1	0	10185	+1	55	-1	ESE	1	-	0	0	-	64	51	0.0	0.0	0	0.0	
	Tynemouth	10172	57	NE	1	0	10176	+1	56	+1	N	2	-	0	3	-	64	55	0.0	0.0	0	0.0	
	Spurn Head	10176	66	SSE	4	0	10178	+2	56	-1	ENE	3	-	0	4	-	67	53	0.0	0.0	0	5.3	
Yarmouth	10175	62	SE	3	0	10173	0	59	+3	E	4	-	0	3	-	67	55	0.0	0.0	0	6.3		
Clacton-on-Sea	10176	65	ESE	1	0	10171	+1	64	+5	N	2	-	0	2	-	67	59	0.0	0.0	0	4.4		
Nottingham	10148	58	E	3	0	10168	0	55	+1	ENE	2	-	0	6	-	66	53	0.0	0.0	0	1.2		
Bath	10169	70	N	1	0	10179	0	63	+2	N	2	-	0	1	-	73	60	0.0	0.0	0	3.4		
Sth Farnborough	10167	70	SW	3	0	10176	+2	64	+2	N	3	-	0	0	-	73	64	0.0	0.0	0	4.2		
London (Kew Obsy.)	10169	70	WSW	2	0	10174	+2	65	+4	WSW	2	-	0	0	-	73	62	0.0	0.0	0	0.7		
NORTHERN EUROPE.	Spitsbergen	10123	37	-	0	0	10115	0	37	-2	NW	1	-	0	0	-	38	32	-	-	-	-	
	Vardö	10131	48	ESR	1	0	10104	0	52	+4	NNE	1	-	0	2	-	50	45	-	-	-	-	
	Bodö	10114	54	N	2	0	10106	0	54	-1	N	3	-	0	2	-	59	52	-	-	-	-	
	Christiansund	10123	55	NE	1	0	10120	0	55	0	-	0	-	0	2	-	59	55	-	-	-	-	
	Skudesnaes	10120	59	NNW	3	0	10124	+1	57	-4	NNW	4	-	0	2	-	63	58	-	-	-	-	
	Færder (X'ania Fjord)	10101	63	NE	3	0	10092	0	61	-2	N	1	-	0	0	-	64	59	-	-	-	-	
	The Scaw (Skagen)	10092	63	N	3	0	10096	+1	63	+2	NW	1	-	0	1	-	63	59	-	-	-	-	
	Blaavands Huk																						
	Haparanda	10154	55	SSW	2	0	10140	-1	57	+5	S	4	-	0	0	-	61	54	-	-	-	-	
	Hernösand	10150	59	SE	2	0	10135	0	63	+4	S	2	-	0	0	-	64	54	-	-	-	-	
Stockholm	10123	64	E	2	0	10110	0	68	0	ENE	4	-	0	0	-	72	58	-	-	-	-		
FRANCE, &c.	Wisby	10115	64	SE	2	0	10101	-1	64	+3	E	2	-	0	0	-	70	54	-	-	-	-	
	Karlstad	10109	64	-	0	0	10100	+1	59	-2	SE	2	-	0	0	-	70	54	-	-	-	-	
	Petrograd (5 a.m. G.M.T.)	10144	56	NE	3	0	10164	+1	55	+1	SSW	1	-	0	0	-	70	54	-	-	-	-	
	The Helder	10179	61	N	3	0	10160	+1	57	-6	E	1	-	0	0	-	64	57	-	-	-	-	
	C. Gris Nez	10189	63	N	4	0	10187	+1	60	-1	WSW	4	-	0	4	-	64	59	-	-	-	-	
	La Hève	10213	66	WSW	3	0	10200	0	65	+4	N	3	-	0	3	-	70	52	-	-	-	-	
	Ushant	10220	63	WSW	3	0	10210	0	61	0	S	1	-	0	3	-	66	57	-	-	-	-	
	Brest (St. Mathieu)	10223	63	-	0	0	10213	0	61	0	S	2	-	0	2	-	68	59	-	-	-	-	
	Rochefort (Ile d'Aix)	10233	71	NW	3	0	10199	0	67	+1	E	3	-	0	0	-	79	63	-	-	-	-	
	Biarritz	10195	82	E	3	0	10168	-1	71	+3	SE	4	-	0	2	-	84	66	-	-	-	-	
SOUTHERN EUROPE.	Paris	10212	72	N	2	0	10215	+1	66	+3	SSW	1	-	0	0	-	75	61	-	-	-	-	
	Belfort	10238	66	N	3	0	10237	0	65	+4	N	4	-	0	0	-	73	61	-	-	-	-	
	Lyons	10231	73	NNE	1	0	10220	0	68	+4	N	1	-	0	0	-	79	62	-	-	-	-	
	Nice	10176	73	N	1	0	10181	+2	74	+5	-	0	-	0	0	-	84	66	-	-	-	-	
	Perpignan	10195	82	NW	1	0	10198	+2	75	+2	-	0	-	0	0	-	91	63	-	-	-	-	
	Sanguinaire																						
	Corunna (7 a.m.)	10184	79	NNW	3	0	10200	+2	64	+3	WSW	2	-	0	1	-	81	64	-	-	-	-	
	Madrid (8 a.m.)	10159	93	-	0	0	10190	+1	77	+2	NE	1	-	0	0	-	97	70	-	-	-	-	
	Lisbon (9 a.m.)	10159	93	WSW	3	0	10173	+2	73	0	-	0	-	0	2	-	95	72	-	-	-	-	
	Gibraltar																						
AZORES &c.	Rome																						
	Malta (8 a.m.)						10172	+3	77	+2	ENE	3	-	0	1	-	84	72	-	-	-	-	

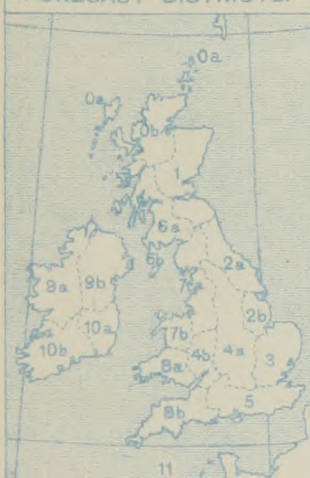
RAINFALL.			
Equivalents of Millimetres.			
In Inches.			
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.58	40	1.58
16	0.63	41	1.61
17	0.67	42	1.66
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





**FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

No Warnings Issued.

Western Channel and Bay 11

**FURTHER OUTLOOK.**

R. G. K. LEMPFERT, Superintendent, Forecast Division.

NAPIER SHAW, Director

Calms and light variable breezes, mainly

Easterly to South-Easterly; fair to dull, some rain and mist, local sea fog; moderate temperature.

South-Westerly breezes, moderate or fresh at times; cloudy to dull, some rain and mist, local sea fog; moderate temperature.

Same as Nos 0 to 4.

Same as No 5.

Light breezes, mainly South-Easterly; cloudy to dull, some rain and mist, local sea fog; moderate temperature.

Light Southerly to Westerly breezes; dull, some rain and fog; moderate temperature.

Light to moderate Southerly to Westerly breezes, sea slight or moderate; fair to dull, some rain, mist or fog; moderate temperature.

Millibars  
1050-31

1040

1030

1020

1010

1000

990

980

970

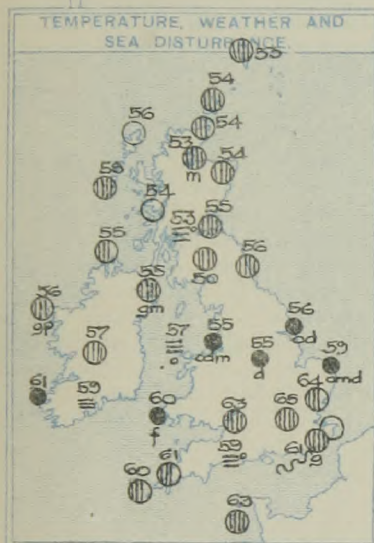


# SYNOPTIC CHART FOR 7 a.m., SUNDAY, 8<sup>TH</sup>

AUGUST, 1915.

## GENERAL INFERENCE.

A new depression is approaching Ireland, so that the unsettled type of weather will be maintained.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm, 0.  
**TEMPERATURE.**—Given in degrees Fahrenheit. 0.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
 ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 K, thunderstorm.  
**SEA DISTURBANCE.**—Rough wavy. High wavy.

Inches.  
—31

30

29

SCALE 1 : 2 × 10<sup>6</sup>  
 Nautical Miles  
 Statute Miles

Normal Temperature of the Sea.

Below 50 50-60 60-70 Above 70

Scale of Tints for AUGUST.

Director

10

10



# DAILY WEATHER REPORT.

Sunday, 8<sup>th</sup> August, 1915.

## REPORTS FOR YESTERDAY.

7<sup>th</sup> August.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.	TEMP.	
	BAROM. Milli-bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
		°F.						°F.	°F.									
Petrograd	10101	59	NNE	2	c	10119	+2	54	-5	N	3	-	0	*	-	64	52	
Biarritz	10239	73	N	1	3	10243	0	68	+1	E	2	*	0	2	-	79	64	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.			
	mm. & .	° F.	° F.			Hr.		mm. & .	° F.	° F.			Hr.		
Scotland.	{ Oban ... ..	-	64	46	c. bc	bc. b	0.5	England, S.E.	{ Tunbridge Wells ... ..	-	66	57	o	o	0.1
	{ Banff * ... ..	2	61	54	om.c	bc. bv	6.6		{ Margate ... ..	-	69	58	c	c	0.7
	{ Carnoustie ... ..	-	64	48	bc. o. c	c	3.2		{ Ramsgate ... ..	-	66	55	c. od	o. c	0.6
	{ St. Andrews ... ..				*	*			{ Hastings ... ..	-	64	57	o	c. o	0.1
Eng. N.E.	{ Harrogate ... ..	0.2	63	48	bc. cp	op	2.2		{ Bexhill-on-Sea ... ..	1	63	57	or. o	or. o	0.0
	{ Skegness ... ..	-	65	50	bc. o	opu	4.7		{ Eastbourne ... ..	-	66	59	oe	oe	0.0
Eng. N.W.	{ Morecambe ... ..								{ Seaford ... ..	-	64	59	m	m	0.0
	{ Blackpool ... ..	12	60	54	o. or	or	0.0		{ Brighton ... ..	0.2	64	59	od	od	0.0
	{ Southport ... ..	4	60	51	or	or	0.0		{ Worthing ... ..	-	65	52	o	o	0.0
Midlands.	{ Buxton ... ..	2	61	50	bc	cr	0.3		{ Littlehampton ... ..						
	{ Leamington Spa ... ..	1	69	54	or	or. c	0.4	{ Bognor ... ..	0.2	66	59	o	o. bc	1.1	
	{ Malvern ... ..							{ Southsea ... ..							
	{ Ross-on-Wye ... ..	2	70	53	or. c	bcq	0.2	{ Bournemouth ... ..	1	69	59	o	o. c. bc	3.7	
Wales.	{ Rhyl ... ..	8	64	58	p	r. op	0.0	England, S.W.	{ Weymouth... ..	1	67	59	ome	bm	4.0
	{ Colwyn Bay ... ..								{ Torquay ... ..	-	71	61	o. c. bc	bc. c. o	7.3
	{ Llandudno ... ..								{ Paignton ... ..	-	71	60	bc. o	o	5.6
	{ Aberystwyth ... ..	4	65	59	or. c	c. o	0.2		{ Falmouth ... ..						
{ Tenby ... ..	5	64	58	bc. od	bc. caf	0.0	{ Penzance ... ..		1	70	60	om. bc	bc. of. c	2.4	
England, E.	{ Cromer ... ..	-	64	53	bc. c. o	o	5.1		{ Newquay ... ..	1	70	60	o. bc. of	om	1.4
	{ Lowestoft ... ..								{ Ilfracombe ... ..	2	68	60	omd	od	0.0
	{ Felixstowe ... ..	3	63	54	bc	omr	5.2	{ Weston-super-Mare ... ..							
	{ Walton-on-Naze ... ..	2	66	54	bc. m. c	or. og	5.0								
	{ Southend-on-Sea ... ..	-	68	58	bc. od	o. c	1.3								

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 86	% 76	Hr. 14	° F. 74	° F. 62	° F. 58	mm.‡ 1	o. or bc	bc	bc
City (Bunhill Row) ...	* 87	* 76	1.0 0.6	* 72	* 62	* 59	* 1	* b o	* o	* *
Westminster (St. James's Pk.)	72	82	0.8	71	62	60	1	o. or b. ob	o	u. bc
Camden Sq. (Brit. Rainfall)	87	76	0.6	72	62	59	1	b o	o	*
Hampstead (Reservoir) ...	*	92	0.4	69	60	54	1	b. ob	c	c
Richmond Park ...	*	*	1.2	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	86	78	0.6	Total. 730 Joules		Average Rate. 13.5 Milli-watts.		Max. Rate. 44 Milli-watts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. &	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	6	61	51	48	b. or	rg	rgg	*
Darwen to 9 p.m.	8	58	49	45	bc. o	or	or	0.0
Manchester "	7	61	48	*	bc. b. bc	od	od	0.0
Birmingham "	3	67	50	37	*	or	or	0.1
Oxford to 8 p.m.	*	72	57	54	o	o. or	or. c. bc	*
Teignmouth to 9,,	0.3	75	60	58	bc. b. bc	bc	bc	7.3
Plymouth "	1	68	60	57	o	of	ogf	2.1
S. Kensington (Museum Grounds to 6p.m.)	1	73	59	53	bcv o	o. og	o. cup	*

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

	8 <sup>th</sup> August, 1915.	Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4. 24	11. 58	7. 31	
Greenwich ...	4. 37	12. 5	7. 34	
Wick ...	5. 22	12. 17	8. 13	
Valencia ...	5. 14	12. 46	8. 20	
	5. 16	12. 46	8. 19	

## NOTES ON YESTERDAY'S WEATHER.

At many stations temperature failed to reach 60°. Rain fell in many localities, generally in small amounts, but Liverpool had 12 mm. There was a marked deficiency of sunshine, none or less than an hour at a number of stations.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

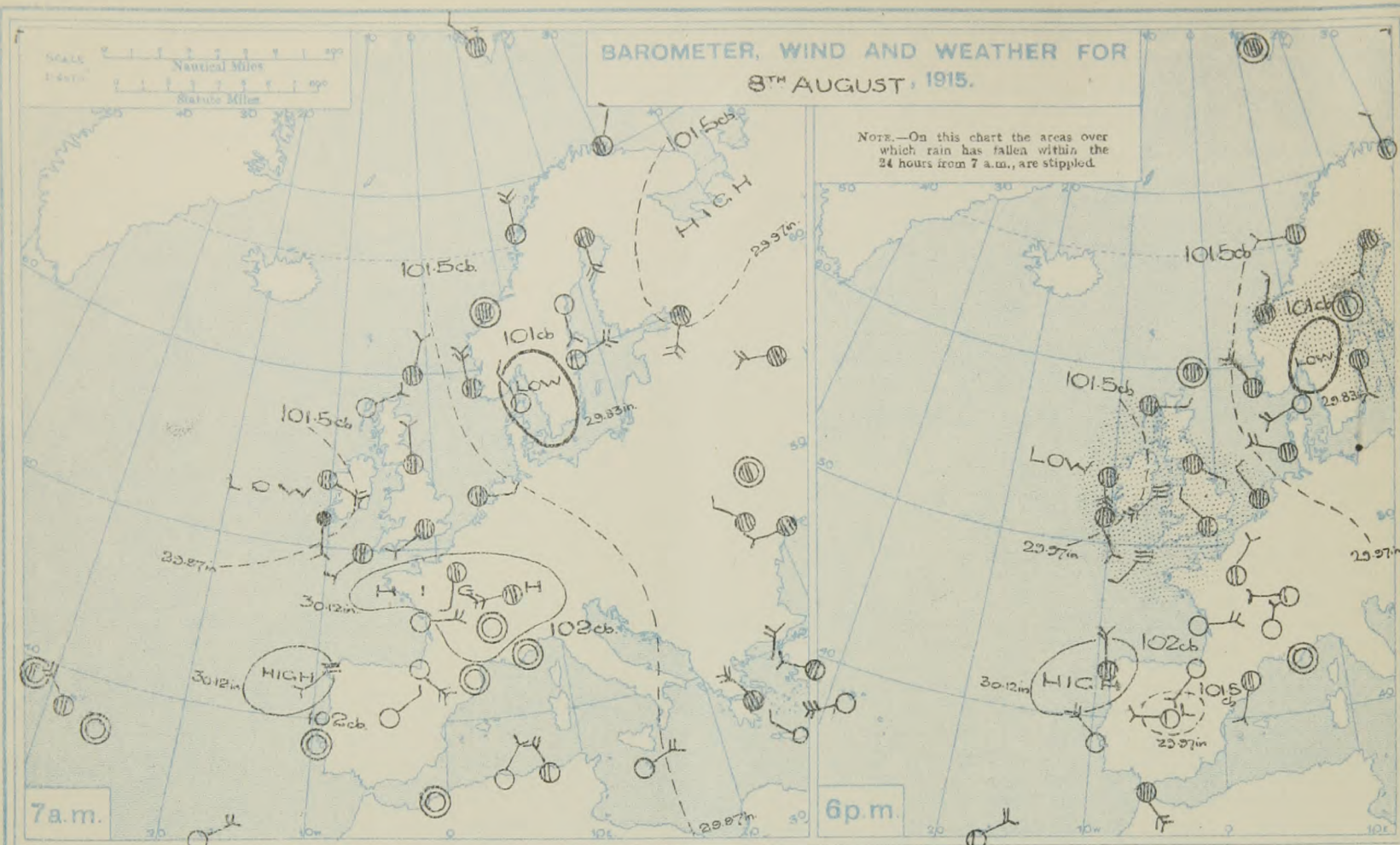


## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 221

Monday  
9<sup>th</sup> August 1915.

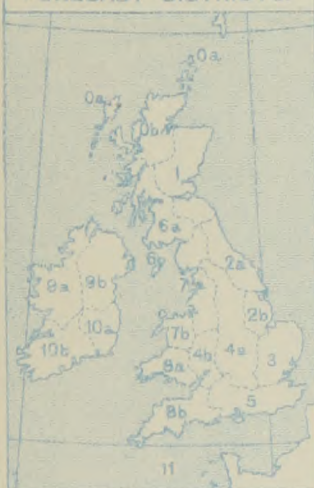
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1018.1	53	-	0	0	1018.1	0	53	0	E	2	-	0	2	-	55	51	0	0	0	Hours
	Deerness	1017.5	55	ESE	3	0	1015.9	0	54	0	ESE	4	-	0	3	-	57	52	0.00	0.00	0.00	40
	Stornoway	1013.3	61	E	1	0	1013.1	0	57	+1	S	1	-	0	0	4	64	58	0	0	0	57
	Castlebay (Barra Isd.)	1014.2	58	SE	4	0	1012.3	0	56	0	SSW	2	-	0	2	16	59	56	0.00	0.00	0.00	24
	Glasgow	1016.6	59	E	1	0	1014.9	-1	56	+3	NE	2	-	0	2	61	52	0	0	0	00	
	Eskdalemuir	1017.2	57	SE	2	0	1015.4	0	57	+7	-	0	-	0	3	61	50	0.00	0.00	0.00	03	
	Malin Head	1013.5	60	SSW	3	0	1013.6	0	57	+2	SW	3	-	0	1	5	61	53	0.00	0.00	0.00	00
	Blacksod Point	1011.9	60	S	4	0	1014.3	+1	56	0	WSW	1	-	0	2	11	60	54	0.00	0.00	0.00	00
	Valencia	1014.4	62	SSE	2	0	1014.5	+1	58	-3	SSW	1	-	0	3	9	64	58	0.00	0.00	0.00	00
	Roche's Point	1017.5	62	SW	1	0	1015.9	0	59	0	SSW	2	-	0	3	6	62	58	0.00	0.00	0.00	00
	Birr Castle	1014.1	67	S	1	0	1014.1	0	62	+5	S	1	-	0	3	3	69	57	0.00	0.00	0.00	02
	Donaghadee	1015.3	57	S	3	0	1014.1	0	57	+2	SE	1	-	0	1	11	59	55	0.00	0.00	0.00	00
	Liverpool (Bidston)	1016.7	61	ESE	1	0	1016.1	0	60	+5	SW	1	-	0	1	10	63	55	0.00	0.00	0.00	00
	Holyhead	1016.8	60	SW	4	0	1015.8	0	58	+1	SSW	4	-	0	3	19	61	56	0.00	0.00	0.00	00
	Pembroke (St. Ann's)	1018.3	60	SW	3	0	1016.8	-1	58	-2	SW	3	-	0	3	5	62	58	0.00	0.00	0.00	00
	Scilly (St. Mary's)	1018.3	61	SSW	1	0	1016.6	-1	59	-1	SSE	1	-	0	3	9	64	58	0.00	0.00	0.00	18
	Falmouth	1018.4	64	SSW	1	0	1016.7	0	60	-1	-	0	-	0	2	8	69	58	0.00	0.00	0.00	24
	Jersey (St. Aubin)	1019.4	68	SSE	2	0	1016.3	0	67	+4	E	2	-	0	1	2	72	62	0.00	0.00	0.00	10
	Portland Bill	1019.0	60	W	2	0	1017.3	-2	60	+1	SW	1	-	0	2	0	62	57	0.00	0.00	0.00	00
	Dungeness	1018.8	63	SW	3	0	1018.0	0	61	0	-	0	-	0	0	0.1	67	60	0.00	0.00	0.00	00
	Dover	1018.8	64	SSW	4	0	1018.0	0	62	-2	-	0	-	0	1	0.00	69	60	0.00	0.00	0.00	04
	Wick	1017.3	55	ESE	2	0	1014.9	0	55	+1	SE	3	-	0	3	-	59	58	0.00	0.00	0.00	00
	Nairn	1015.4	61	-	0	0	1013.8	0	56	+3	-	0	-	0	1	1	62	50	0.00	0.00	0.00	28
	Aberdeen	1017.8	57	S	3	0	1016.0	0	57	+3	SSE	2	-	0	2	-	65	54	0.00	0.00	0.00	69
Leith	1017.0	60	ESE	3	0	1015.2	0	58	+3	ESE	1	-	0	1	1	62	54	0	0	0	00	
Tynemouth	1016.9	58	SE	1	0	1015.9	-1	59	+3	SE	1	-	0	3	1	63	57	0.00	0.00	0.00	00	
Spurn Head	1019.5	59	E	2	0	1016.2	-2	60	+4	S	1	-	0	2	0.1	65	55	0.00	0.00	0.00	00	
Yarmouth	?	60	ESE	2	0	1017.6	0	61	+2	SSE	2	-	0	2	1	61	56	0.00	0.00	0.00	00	
Clacton-on-Sea	1018.6	65	ESE	2	0	1017.9	0	65	+1	SSW	1	-	0	1	-	74	62	0	0	0	17	
Nottingham	1018.1	62	E	2	0	1017.0	0	60	+5	W	1	-	0	1	1	63	55	0.00	0.00	0.00	01	
Bath	1018.6	68	W	-	0	1017.5	0	62	-1	W	-	-	0	2	2	71	61	0.00	0.00	0.00	02	
St. Farnborough	1017.8	72	NNW	1	0	1017.5	+1	62	-2	-	0	-	0	0	0.00	73	60	0	0	0	07	
London (Kew Obsy.)	1018.3	70	NNW	1	0	1017.5	+2	64	-1	SW	1	-	0	0	-	72	62	0.00	0.00	0.00	17	
NORTHERN EUROPE.	Spitsbergen	1010.1	36	-	0	0	1010.0	0	36	-1	NW	2	-	0	0	0	37	34	0	0	0	00
	Vardö	1012.2	46	N	1	0	1011.0	0	50	-2	N	3	-	0	2	0	52	41	0	0	0	00
	Bodö	1013.2	50	W	2	0	1016.0	+3	50	-4	W	4	-	0	2	0	54	46	0	0	0	00
	Christiansund	1014.9	54	NNE	2	0	1017.1	+1	52	-3	NE	2	-	0	2	1	55	50	0	0	0	00
	Skudesnaes	1014.6	55	NW	4	0	1014.9	0	54	-3	N	4	-	0	2	0	59	52	0	0	0	00
	Færder (K'lania Fjord)	1009.3	63	WSW	2	0	1010.3	+1	61	0	N	5	SE	2	0	0	64	59	0	0	0	00
	The Scaw (Skagen)	1010.4	61	WSW	3	0	1010.4	+1	63	0	NNW	2	-	0	3	0	68	57	0	0	0	00
	Blaavands Huk	1016.3	59	NW	2	0	1016.7	0	57	0	NW	3	-	0	3	0	61	53	0	0	0	00
	Haparanda	1012.6	59	SSW	2	0	1018.0	0	63	+6	SW	4	-	0	0	0.00	63	57	0	0	0	00
	Hernösand	1012.2	61	-	0	0	1011.4	0	59	-4	N	2	E	0	0	0	66	50	0	0	0	00
FRANCE, &c.	Stockholm	1010.7	64	S	2	0	1008.6	0	59	-9	NW	2	-	0	0	23	70	55	0	0	0	00
	Wisby	1009.3	63	W	2	0	1009.3	0	61	-3	NW	2	-	0	0	0	73	57	0	0	0	00
	Karlstad	1009.6	61	-	0	0	1009.1	0	57	-2	-	0	-	0	0	17	63	54	0	0	0	00
	Petrograd (5 a.m. G.M.T.)	1018.6	63	NNW	1	0	1018.3	0	63	+6	ESE	1	-	0	0	0.00	63	57	0	0	0	00
	The Helder	1019.7	67	NW	2	0	1017.1	0	66	+1	ESE	2	-	0	1	-	77	61	0	0	0	00
	C. Gris Nez	1019.4	63	NE	1	0	1016.9	0	60	-1	NNE	2	-	0	3	-	75	55	0	0	0	00
	Ushant	1019.1	71	N	2	0	1016.9	0	61	0	N	2	-	0	3	1	74	54	0	0	0	00
	Brest (St. Mathieu)	1016.4	82	E	3	0	1015.4	0	68	+1	S	5	-	0	0	-	91	63	0	0	0	00
	Roche fort (Ile d'Aix)	1019.7	63	SSW	2	0	1017.9	0	63	-8	S	1	-	0	2	-	66	57	0	0	0	00
	Biarritz	1019.4	73	NE	1	0	1018.3	0	70	+4	ENE	1	W	0	-	0	77	61	0	0	0	00
SOUTHERN EUROPE.	Belfort	1020.4	75	W	2	0	1021.0	0	65	0	NE	2	-	0	0	-	81	57	0	0	0	00
	Lyons	1019.1	79	NNE	2	0	1018.7	0	68	0	-	0	-	0	0	-	83	60	0	0	0	00
	Nice	1017.1	73	-	0	0	1018.7	+1	70	-4	-	0	-	0	0	-	82	63	0	0	0	00
	Perpignan	1017.3	79	-	0	0	1017.2	+2	73	-2	-	0	-	0	0	-	86	61	0	0	0	00
	Sanguinaire	1009.7	77	NW	2	0	1010.6	0	73	-2	E	3	-	0	2	-	86	66	0	0	0	00
	Corunna (7 a.m.)	1021.0	66	N	3	0	1020.7	+1	61	-3	NE	1	-	0	2	0	70	61	0	0	0	00
	Madrid (8 a.m.)	1012.6	97	W	2	0	1016.8	+1														





FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

No Warnings Issued.

Western Channel and Bay. 1)

Calms and light variable breezes, mainly

Southerly; cloudy to dull, some rain and mist; moderate

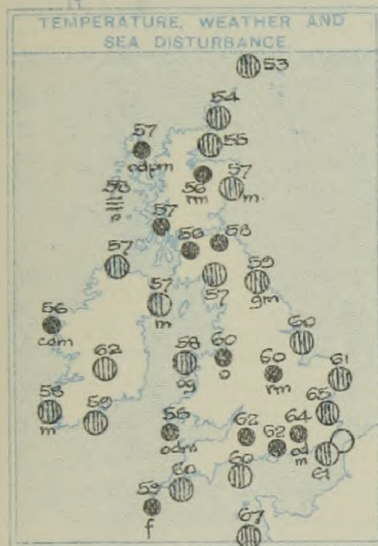
temperature, air very humid

FURTHER OUTLOOK.



## AUGUST, 1915.

There are no indications of any material improvement in the general conditions.






BAROMETER. Isobars are drawn for interval of five millibars.

WIND.—Direction is shown by arrows flying with the wind.

WIND.—Direction is shown by arrows flying with the wind.



Force, on the scale 0-12, is indicated by the number of feathers. Calm 

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
 clear sky.  sky + clouded.  sky + clouded.

☉ clear sky. ☁ sky  $\frac{1}{2}$  clouded. ☁ sky  $\frac{3}{4}$  clouded.  
☁ sky  $\frac{3}{4}$  clouded. ☁ overcast sky. ☔ rain falling.

\*snow. ▲ hail. ≡ fog. ≡<sup>o</sup> mist. T, thunder.  
⚡ thunderstorm.

SEA DISTURBANCE.—Rough . High .



# PILOT BALLOON ASCENTS for the PAST WEEK. Component Velocities to East and to North in Metres per Second.

Station Date & Hour.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.	
		Stn Farnborough 5th 7.15h		Aberdeen 5th 8h		Stn Farnborough 5th 11.35h		Benson 5th 19h		Aberdeen 7th 8h															
Heights in Kilometres.	4	+7	+1																						
	3	+5	+4	+1	+1																				
	2	+4	+6	-1	+4	+7	+6																		
	1	+7	+6	0	+3	+2	+6	-1	+12	-1	-7														
	0.5	+4	+2	0	+5	0	+4	-2	+10	+3	-8														
	0	0	+1	0	+2	+3	+6	-4	+2	+4	-4														

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. & Hr.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall. mm. & Hr.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							(Tunbridge Wells ...						
Oban ...	...	65	45	b.b.c.	gr	2.4	Margate ...	...	71	60	b.c.b.c.	c.o.	1.2
Banff ...	...	59	51	0	o.c.	0.0	Ramsgate ...	...	73	61	b.c.	b.c.	5.0
Carnoustie ...	...	...	...	...	...	...	Hastings ...	...	73	59	c	o.c.	3.3
St. Andrews ...	...	...	...	...	...	...	Bexhill-on-Sea ...	...	66	60	0	o.b.c.	1.4
England, N.E.							Eastbourne ...	...	68	60	c	c	3.1
Harrogate ...	9	59	52	op	0	0.0	Seaford ...	...	69	60	o.b.	b.c.	3.5
Skegness ...	4	62	55	og	og	0.0	Brighton ...	...	67	61	0	o.c.	2.5
England, N.W.							Worthing ...	...	69	57	0	b.c.	3.0
Morecambe ...	...	...	...	...	...	...	Littlehampton ...	...	69	64	0	m.b.c.	3.0
Blackpool ...	11	62	54	o.op	og	0.0	Bognor ...	...	67	60	0	b.c.	3.3
Southport ...	13	63	54	o.c.	o.c.c.	0.0	Southsea ...	...	69	60	b.c.	b	7.5
Midlands.							Bournemouth ...	...	73	59	0	o.c.	6.0
Buxton ...	...	...	...	...	...	...	Weymouth ...	...	71	59	m.o.b.c.	b.c.og	2.0
Leamington Spa ...	0.2	71	61	0	od	0.2	Torquay ...	...	73	60	o.c.b.c.	b.c.c.o	4.4
Malvern ...	...	70	62	c	0	3.2	Paignton ...	...	72	60	b.c.	c	4.7
Ross-on-Wye ...	...	70	61	o.b.c.	b.c.c.	2.1	Falmouth ...	...	...	...	...	...	...
Wales.							Penzance ...	...	...	...	...	...	...
Rhyl ...	10	63	57	r	r	0.7	Newquay ...	...	69	58	m.c.b.c.o	m.b.mr	1.4
Colwyn Bay ...	9	61	57	r	r	0.0	Ilfracombe ...	...	66	60	d.o.c.	0	1.0
Llandudno ...	4	63	56	r	r	0.0	Weston-super-Mare ...	...	69	60	o.c.	b.c.c.	0.5
Aberystwyth ...	2	65	58	r.o.c.	c.o.	0.0							
Tenby ...	...	...	...	...	...	...							
England, E.													
Cromer ...	...	...	...	...	...	...							
Lowestoft ...	...	...	...	...	...	...							
Felixstowe ...	0.2	71	62	op	b.c.	1.3							
Walton-on-Naze ...	...	73	60	b.c.o.c	b.c.c.	3.2							
Southend-on-Sea ...	...	74	62	c.b.c.	b.c.c.o.c	4.4							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.	Max.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	72	97	3.8	75	61	57	7	c.o	c.o	0.0.0.0
City (Bunhill Row) ...	...	...	3.0	...	...	...	...	...	...	...
Westminster (St. James's Pk.)	73	98	4.7	73	62	61	1	o.b.c	o.c.c.	h.o.m
Camden Sq. (Brit. Rainfall)	...	93	2.4	76	62	60	1	...	...	...
Hampstead (Reservoir) ...	...	93	3.4	71	60	53	1	c.o.d	o.c	o.c
Richmond Park ...	...	...	1.3	...	...	...	...	...	...	...
Kew. (See front page.)	...	...	...	...	...	...	...	...	...	...
(Greenwich and Camden Square air temperatures are in Glaisher screens.)	...	...	...	...	...	...	...	...	...	...
S. Kensington (Roof of M.O.)	...	92	2.9	111.4	Joules	206	Milliwatts.	73	Milliwatts.	...

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm.&	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.								*
Darwen to 9 p.m.								
Manchester "				*				
Birmingham "	0.1	68	61	59	*	0	0	0.0
Oxford to 8 p.m.	*							*
Teignmouth to 9 "	-	73	60	57	0.3c	3c	3c. c	5.1
Plymouth "								
S. Kensington (Museum Grounds to 6p.m.)	Trace	73	64	60	cu. 0	oc.	c. 0	*

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

...	Sunrise.	Noon.	Sunset.
...	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.26	11.58	7.31
Greenwich ...	4.27	11.58	7.29
Wick ...	4.37	12.5	7.34
Valencia ...	4.38	12.5	7.32
...	4.22	12.17	8.13
...	4.24	12.17	8.10
...	4.16	12.46	8.18
...	4.17	12.46	8.16

## NOTES ON YESTERDAY'S WEATHER.

Temperature reached 74° at Clacton and Southend, and exceeded 70° at a number of other stations. The rainfall ranged up to 19 mm. at Holyhead. As a rule there was little or no sunshine, but Jersey had nearly 11 hours.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 222

Tuesday  
10 August 1915.

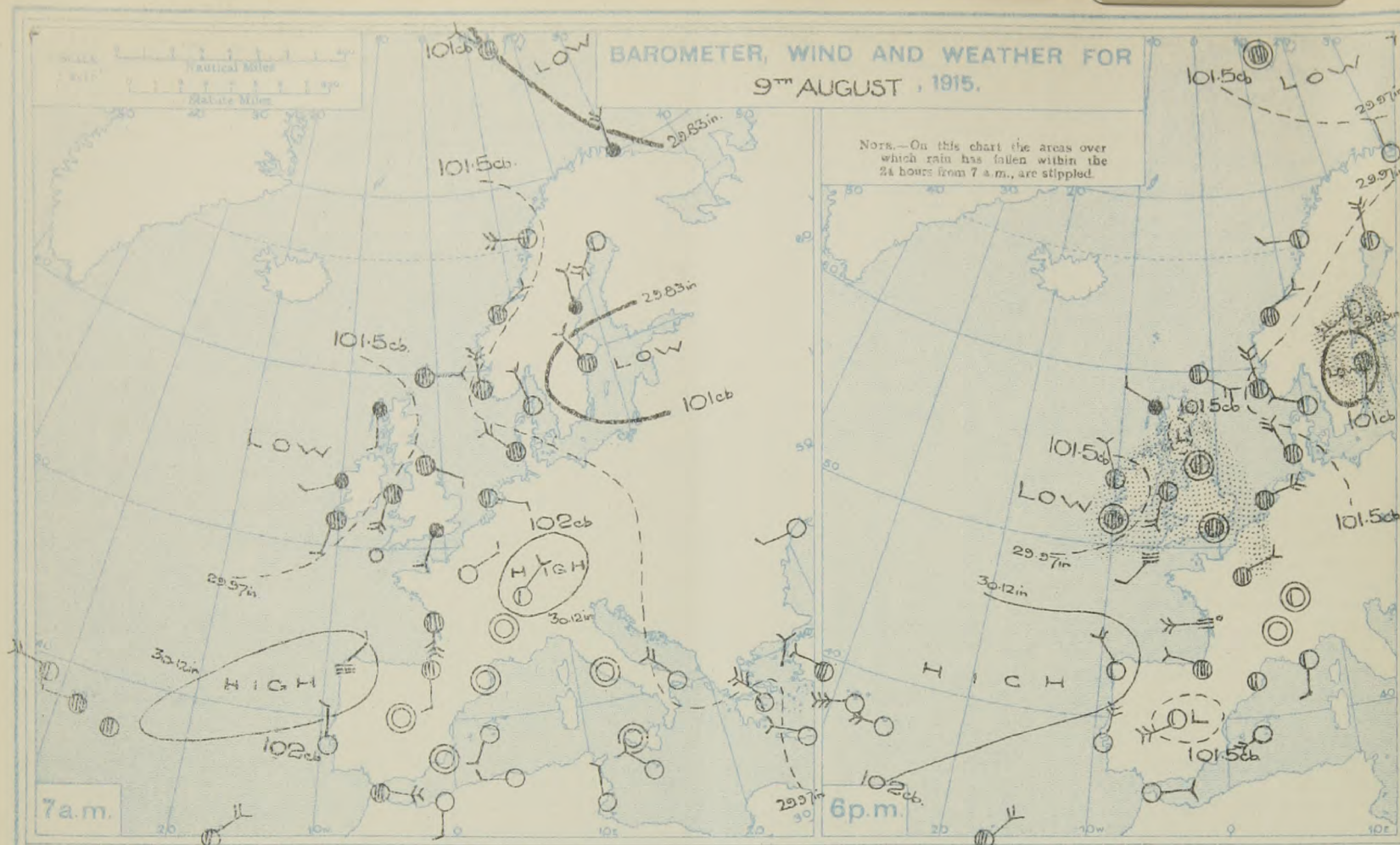
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
																						Hours.
BRITISH ISLANDS.	Lerwick	10189	55	SE	3	C	10195	0	53	0	SE	2	-	0	2	-	57	52	0	C	0	Hours.
	Deerness	10166	50	ESE	4	m	10169	0	54	0	ESE	4	-	0	3	-	57	54	0	om	m.0	0.0
	Stornoway	10152	61	NW	1	opn	10136	-2	57	0	NE	1	-	0	1	1	66	56	ocdpm	bcopm	om.0	1.5
	Castlebay (Barra Isd.)	10156	59	S	2	0	10116	-2	56	-2	E	4	-	0	4	Trace	61	51	offp.	0	bcop.0	0.1
	Glasgow	10152	66	E	1	om	10144	-1	59	+3	E	1	-	0	0	4	68	55	midpog	om	omf.0m	0.5
	Eskdalemuir	10159	62	WSW	2	C	10150	-1	59	+2	SSE	2	-	0	0	0.2	65	56	om	o.c.	omc	0.5
	Malin Head	10154	60	E	1	0	10116	-1	58	+1	SW	3	3W	cg	2	16	62	56	cg	bc	omc	3.5
	Blacksod Point	10144	60	NNW	2	bc	10113	-2	58	+2	SSE	3	S	og	3	0.2	65	58	bc	bc	bc.0	1.3
	Valencia	10148	63	-	0	0	10108	0	60	+2	SE	3	SW	p	4	2	64	58	o.c.	c.00	c.0.0	1.3
	Roche's Point	10167	63	S	1	0	10146	0	60	+1	S	1	-	0	2	1	67	57	mfc.c	0	0.0.0	0
	Birr Castle	10137	67	W	1	C	10127	0	58	-4	SE	1	-	C	0	0	74	55	C	0	0	3.1
	Donaghadee	10151	56	NNE	1	fe	10126	0	59	+2	SSW	3	-	bc	1	2	61	55	omf.0	fe	fp	0
	Liverpool (Bidston)	10166	63	SW	1	0	10153	0	62	+2	SSW	1	3	bc	1	2	65	60	0	0	0	0.0
	Holyhead	10159	61	SSW	3	bc	10150	0	59	+1	SSW	3	-	og	2	1	64	58	ogm.d	bc	0	3.1
	Pembroke (St. Ann's)	10173	61	SW	2	0	10160	-2	58	0	WSW	2	W	0	3	1	62	57	ogm	0	0	0.0
	Scilly (St. Mary's)	10171	62	SW	1	0	10160	-1	60	+1	SW	2	S	C	3	1	63	58	0	0	0	0.1
	Falmouth	10172	66	SSW	2	0	10165	0	62	+2	SSW	2	-	om	2	Trace	67	59	omf.0	0	0	1.8
	Jersey (St. Aubin)	10164	71	W	2	0	10180	0	64	-3	W	2	-	0	1	0	75	61	0	0.0	0.0.0	5.8
	Portland Bill	10173	63	WSW	1	bc	10169	0	62	+2	NNW	1	S	bc	3	1	64	59	0	0.0	0.0.0	0
	Dungeness	10177	64	E	1	0	10167	0	62	+1	N	1	-	0	1	1	67	51	bc	bc	bc.0	0
	Dover	10171	65	SE	1	cg	10169	0	63	+1	N	2	-	om	2	-	71	57	o.c.	c.0.0	c.0.0	0.4
	Wick	10155	58	SE	3	0	10161	0	55	0	SE	4	-	m	4	0.1	58	54	om	omf.0	fe.0m	0
	Nairn	10146	63	NE	1	bc	10142	0	57	+1	-	0	-	dm	1	4	66	55	0.0m	0.0m	0	4.3
	Aberdeen	10160	58	SE	2	0	10162	0	57	0	ESE	3	-	me	2	0.4	63	56	0pm	0.0m	0.0m	0.6
	Leith	10149	62	E	1	0	10151	0	58	0	ESE	1	-	m	0	3	64	57	0.0	0.0	0.0	0
	Tynemouth	10158	65	-	0	bc	10158	0	61	+2	-	0	-	ogm	2	1	66	58	omf	bc	ogm	0
	Spurn Head	10175	63	S	1	bc	10170	0	60	0	S	2	-	0	3	2	63	58	m	0	0	1.2
	Yarmouth	10163	63	E	1	0	10172	+1	61	0	ESE	2	-	0	1	3	64	59	omd	omd	omd	0.0
	Clacton-on-Sea	10171	66	-	0	0	10168	0	65	0	NE	1	W	0	0	3	68	62	ogm	ogm	0.0.0	0.5
	Nottingham	10167	67	SW	1	0	10163	0	61	+1	S	1	S	0	0	0.2	72	57	dm.0	0	0	1.4
	Bath	10168	69	NNW	1	bc	10166	0	64	+2	W	1	SW	0	0	1	72	61	0.0	0.0.0	0.0.0	0.5
	Sth Farnborough	10164	68	-	0	0	10163	+2	64	+2	-	0	W	0	0	3	72	60	0.0.0	0.0	0.0m	0.4
	London (Kew Obsy.)	10167	71	-	0	0	10167	+1	62	-2	-	0	-	m	0	Trace	73	60	omf	omf	0.0	0.6
NORTHERN EUROPE.	Spitsbergen	10117	37	-	0	0	10146	0	36	0	S	4	0	0	0	39	32	0	0	0	0	
	Vardö	10173	48	N	1	0	10211	0	54	+4	N	1	-	C	2	0	54	43	0	0	0	0
	Bodö	10191	48	W	1	bc	10206	+3	50	0	W	2	-	bc	2	-	52	46	0	0	0	0
	Christiansund	10186	54	NE	2	0	10193	0	52	0	N	4	-	C	2	-	55	50	0	0	0	0
	Skudesnaes	10149	56	NNW	4	0	10203	0	57	+3	NNW	4	-	0	2	-	57	52	0	0	0	0
	Færder (X'ania Fjord)	10122	63	N	4	bc	10124	+1	61	0	N	5	E	C	2	-	63	57	0	0	0	0
	The Scaw (Skagen)	10126	63	NNW	2	0	10126	+2	64	+1	NW	1	NW	bc	2	-	68	55	0	0	0	0
	Blaavands Huk	10171	59	NW	3	0	10167	0	58	+1	NW	2	-	0	2	-	61	54	0	0	0	0
	Haparanda	10147	63	SW	2	0	10164	0	61	-2	-	0	-	0	0	0	68	50	0	0	0	0
	Hernösand	10123	61	N	4	0	10141	+1	61	+2	N	2	-	bc	0	Trace	64	55	0	0	0	0
FRANCE, &c.	Stockholm	10083	63	SSW	2	0	10086	+1	57	-2	SSE	2	-	0	0	6	68	54	0	0	0	0
	Wisby	10101	61	WSW	2	0	10093	0	53	-6	SW	2	-	0	0	2.2	64	54	0	0	0	0
	Karlstad	10095	59	NNW	2	0	10113	+1	59	+2	NNE	2	-	0	0	2	64	50	0	0	0	0
	Petrograd (3 a.m. G.M.T.)	10120	63	ENE	1	0	10175	0	64	+1	E	1	-	bc	1	Trace	64	61	0	0	0	0
	The Helder	10166	63	NE	3	0	10164	+1	62	0	NE	2	0	0	2	0	70	61	0	0	0	0
	C. Gris Nez	10149	69	NE	3	bc	10159	0	62	-4	0	0	0	1	0	77	55	0	0	0	0	
	La Hève	10180	65	NW	1	0	10183	0	63	+3	WSW	3	0	C	3	0	66	57	0	0	0	0
	Ushant	10187	62	NNW	2	0	10191	0	63	+2	S	2	0	0	3	0	68	61	0	0	0	0
	Brest (St. Mathieu)	10171	68	W	4	0	10191	+2	64	-4	W	2	0	0	0	0	82	63	0	0	0	0
	Rochefort (Ile d'Aix)	10197	70	NNW	2	0	10191	0	66	+3	-	0	0	0	2	0	75	63	0	0	0	0
SOUTHERN EUROPE.	Biarritz	10143	79	ENE	2	0	10162	+2	70	0	-	0	W	0	0	6	86	64	0	0	0	0
	Paris	10168	79	-	0	0	10184	0	64	-1	W	3	0	0	0	0	84	59	0	0	0	0
	Belfort	10157	82	E	1	0	10189	0	69	+1	E	1	0	0	0	0	88	66	0	0	0	0
	Lyons	10174	69	S	1	0	10177	+1	71	+1	-	0	0	0	0	0	81	64	0	0	0	0
	Nice	10166	77	-	0	bc	10177	+2	77	+4	W	2	SW	0	0	0	86	68	0	0	0	0
	Perpignan	10166	77	-	0	bc	10177	+2	77	+4	W	2	SW	0	0	0	86	68	0	0	0	0
	Sanguinaire	10166	81	W	2	0	10177	+2	77	+4	E	2	0	0	0	0	88	66	0	0	0	0
	Corunna (7 a.m.)	10207	66	NW	3	0	10226	+2	61	0	S	3	-	0	1	0	70	59	0	0	0	0
	Madrid (8 a.m.)	10122	93	WSW	4	0	10216	+1	45	0	NE	1	-	0	0	0	99	63	0	0	0	0
	Lisbon (9 a.m.)	10173	86	NNE																		

## RAINFALL.

Equivalents of Millimetres.  
in inches.

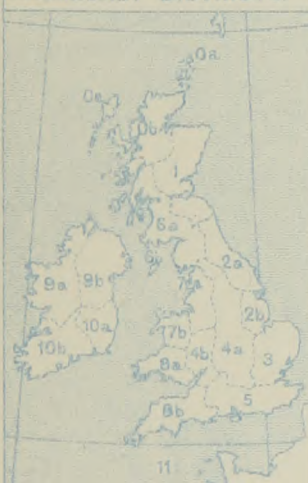
mm.	Inches
-----	--------





**FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

No Warnings  
Issued.

Western Channel and Bay 11

- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | Light to moderate Easterly and South-Easterly winds, and dull, misty weather, slight rain in places; moderate temperature. |
| 1  | b |   |  |
| 2  | a | } | Calms and light variable airs, and dull, misty weather, slight rain in places; moderate temperature.                       |
| 3  | b |   |  |
| 4  | a | } | Light variable airs, and cloudy, misty weather, local thunder showers not improbable; air warm and close.                  |
| 5  | b |   |  |
| 6  | a | } | Same as Nos 0 and 1.   |
| 7  | b |   |  |
| 8  | a | } | Light Southerly winds, and dull, misty weather, slight rain in places; moderate temperature.                               |
| 9  | b |   |  |
| 10 | a | } | Light South-Westerly winds, and cloudy, misty weather, slight rain in places; air warm and close.                          |
| 11 | b |   |  |
| 12 | a | } | Light to moderate Southerly winds; cloudy, misty, occasional rain; moderate temperature.                                   |
| 13 | b |   |  |
| 14 | a | } | Light South-Westerly to variable breezes, and a slight sea; weather chiefly misty or foggy; moderate temperature.          |
| 15 | b |   |  |

**FURTHER OUTLOOK.**



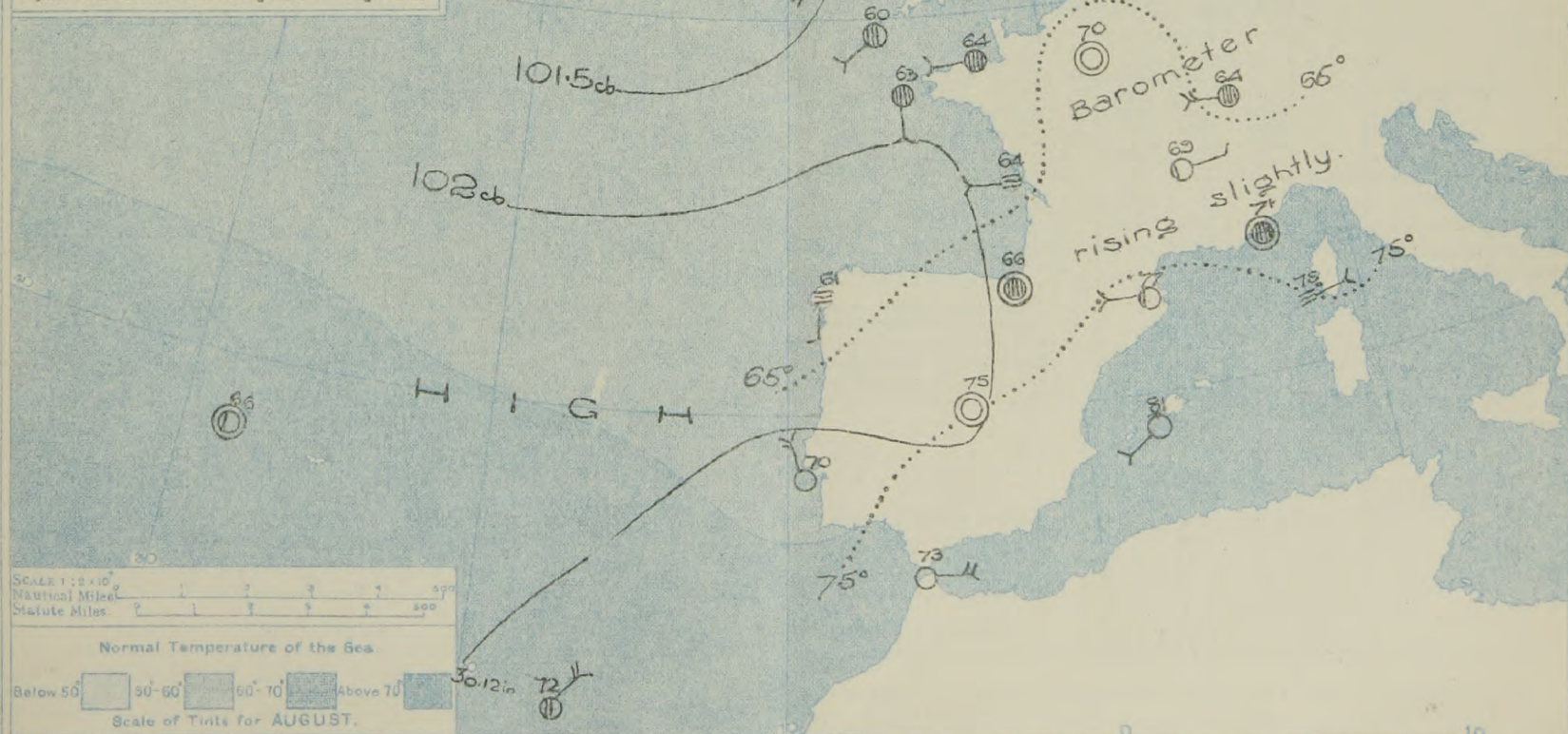
# GENERAL INFERENCE.

There are no indications of any material change in the general conditions.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm.  
**TEMPERATURE.**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded.  
 ○ sky ¾ clouded. ○ overcast sky. ○ rain falling.  
 \* snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.  
 ⚡, thunderstorm.  
**SEA DISTURBANCE.**—Rough. High.





## DAILY WEATHER REPORT.

Tuesday, 10<sup>th</sup> August, 1915.REPORTS  
FOR  
YESTERDAY.9<sup>th</sup> August.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Direc.	Force 0-12.							
Rome	1018.1	75	SW	1	b	1018.9	+1	72	-	-	0	-	b	*	-	88	63	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		° F.	° F.						° F.	° F.			
Scotland.							Tunbridge Wells ...	1	71	60	o.c. c	bc. c	0.4
Oban ...	4	63	52		bc	4.0	Margate ...	1	68	63	o. r	c. sp	0.1
Banff ...	1	68	53	bc	o. c	2.4	Ramsgate ...	-	67	60	o	u	0.0
Carnoustie ...	0.3	64	51	bc. o	o. c	4.1	Hastings ...	-	69	60	o	o. c	0.1
St. Andrews ...	-	65	54	*	*	2.6	Bexhill-on-Sea ...	trace	68	60	o	o. c	0.5
England, N.E.							Eastbourne ...	-	67	60	o	o. c	0.7
Harrogate ...	2	68	56	o. f	c. o	0.5	Seaford ...	trace	72	60	c	c	0.6
Skegness ...	1	66	58	o. p	o. p	0.0	Brighton ...	2	67	61	o. c	o	0.6
England, N.W.							Worthing ...	2	70	59	o. c	o. c	0.9
Morecambe ...	-	65	59	o. c	c	0.2	Littlehampton ...	2	67	60	o	o. c	1.2
Blackpool ...	7	67	60	o	o	0.4	Bognor ...	1	66	60	o. c	o. c	1.6
Southport ...	7	67	59	o. c	c. o	0.5	Southsea ...	3	71	61	o. c	o	2.5
Midlands.							Bournemouth ...	1	73	59	o. c	c. c	3.5
Buxton ...	-	70	60	o. c	o. c	0.4	Weymouth ...	1	71	59	o. c	o. c	3.7
Leamington Spa ...	0.2	69	60	c	c	2.0	Torquay ...	2	71	61	o. c	o. c	5.6
Malvern ...	-	68	59	c. o	o. g	0.3	Paignton ...	8	67	58	o. c	o	1.8
Ross-on-Wye ...	1	68	59	c. o	o. g	0.3	Falmouth ...	7	69	60	o. c	o. c	1.5
Wales.							Penzance ...	4	65	59	o. c	o. c	0.5
Rhyl ...	1	66	58	o. c	c. o	1.0	Newquay ...	4	66	61	o. c	o. c	1.0
Colwyn Bay ...	8	65	58	o. c	bc. o	0.4	Ilfracombe ...	3	70	59	o. c	o. c	0.5
Llandudno ...	3	66	60	o. c	c. o	0.5	Weston-super-Mare ...	3	70	59	o. c	o. c	0.5
Aberystwyth ...	2	65	60	b	bc. c	1.4							
Tenby ...	-	68	57	o	o. p. m	6.0							
England, E.													
Cromer ...	2	64	63	o. r	o. r	0.0							
Lowestoft ...	0.3	67	62	o. p. m	o. m	0.1							
Felixstowe ...	2	73	61	o. d. m. or	o. c. bc. c	0.4							
Walton-on-Naze ...	7	69	62	o. r	o. c	0.3							
Southend-on-Sea ...	-	68	57	o	o. p. m	6.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obsy.) ...	% 74	% 81	Hr. 0.6	° F. 74	° F. 60	° F. 55	mm. 3	c. 0	0	70.
City (Bunhill Row) ...	% *	% *	0.0	% *	% *	% *	% *	% *	% *	% *
Westminster (St. James's Pk.)	81	86	0.2	76	61	58	2	0.0	0.0	0.0
Camden Sq. (Brit. Rainfall)	79	75	0.6	74	60	56	1	0.0	c	*
Hampstead (Reservoir) ...	% *	82	1.2	71	59	48	2	0.0	0.0	0.0
Richmond Park ...	% *	% *								
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.		Average Rate.		Max. Rate.		
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				563 Joules		10.5 Milli-watts.		4.7 Milli-watts.		
S. Kensington (Roof of M.O.)	76	83	0.2							

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

10 <sup>th</sup> August, 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.27	11.58	7.29
Greenwich ...	4.30	12.5	7.26
Wick ...	4.38	12.5	7.32
Valencia ...	4.40	12.5	7.30
	4.24	12.17	8.10
	4.26	12.17	8.8
	5.17	12.46	8.16
	5.19	12.46	8.14

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. §	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.								
Darwen to 9 p.m.	2	64	57	56	0c	0c. u	0g. u	0.0
Manchester "								
Birmingham "	0.3	68	59	55	*	0	0. c. 0	0.9
Oxford to 8 p.m.	*							
Teignmouth to 9 "	2	70	60	60	0. r	0. c. 8c	8c	4.4
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	2	72	63	60	0	0 m. or	0 d. g.	*

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 70° and upwards in several parts of England and central Ireland and reached 75° at Jersey. Very little bright sunshine was recorded, and rain fell in nearly all districts, heavily at Malin Head.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 223.

Wednesday  
11<sup>th</sup> August 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	10177	54	ESE	3	c	10142	-3	54	+1	SSE	2	-	o	2	1	56	51	o	c	bc	Hours.
	Deerness	10145	53	ESE	4	og.	10112	-	55	+1	SE	1	-	f	2	2	56	53	o	og	bc	0.0
	Stornoway	10108	62	S	2	c	10102	0	58	+1	SSW	3	-	bc	3	3	65	56	of om	om.c	o.c.og	0.0
	Castlebay (Barra Isd.)	10102	58	ESE	2	o	10100	0	58	+2	S	4	-	of	4	8	60	56	om.o	o.bc.o	o.bc.og	1.0
	Glasgow	10122	66	SSW	2	c	10126	0	59	0	SSW	1	SW	c	*	3	68	56	of om	o.c	om.bc	2.3
	Eskdalemuir	10134	61	SSW	3	bc	10147	0	57	-2	SSW	2	-	o	*	4	65	56	o.og	o.c.og	bc.og	2.5
	Malin Head	10103	60	ESE	1	cgt	10108	0	58	0	SW	3	SW	om	2	1	64	56	om	og	bc.og	2.5
	Blacksod Point	10086	61	S	4	og	10104	0	58	0	SSW	4	S	om	3	8	64	55	og	og	om.og	2.5
	Valencia	10119	65	S	4	c	10133	+1	58	-2	SSW	1	SW	cp	4	6	67	57	og	bc.og	c.og	6.7
	Roche's Point	10143	64	SW	3	bc	10151	*	60	0	WSW	3	W	c	3	9	66	58	o.c.og	bc	bc.og	*
	Birr Castle	10120	66	WSW	1	c	10131	*	60	+2	SW	1	SW	c	*	1	71	58	c	cp.og	c	7.2
	Donaghadee	10113	62	S	1	om	10123	+1	57	-2	E	2	SE	ogm	1	02	67	55	og	bc.og	f.og	*
	Liverpool (Bidston)	10139	66	NW	1	c	10150	+1	61	-1	SSW	1	-	bc	1	14	70	57	cp.og	bc.og	f.og	5.0
	Holyhead	10135	61	SW	3	og	10142	0	59	0	SW	4	-	of	3	-	66	57	o.c.og	bc.og	bc.og	3.5
	Pembroke (St. Ann's)	10165	61	SW	3	c	10163	0	60	+2	SW	4	SW	c	4	1	63	57	c	og	c	0.3
	Scilly (St. Mary's)	10166	63	SW	3	om	10171	0	59	-1	SW	3	SW	c	4	1	66	57	bc.og	om	bc.og	6.7
	Falmouth	10166	65	SSW	4	bc	10174	0	61	-1	SW	2	-	bc	3	3	68	59	o.c.og	og.c.og	bc.og	5.2
	Jersey (St. Aubin)	10188	69	SW	3	bc	10199	*	64	0	W	3	W	bc	2	1	70	62	od.og	bc.og	bc.og	5.3
	Portland Bill	10169	61	WSW	4	bc	10181	0	60	-2	W	2	W	bc	2	-	65	59	bc	bc	c.og	*
	Dungeness	10169	65	SW	3	bc	10186	+1	62	0	SW	3	-	o	3	-	69	60	o.c.og	bc.og	bc.og	*
	Dover	10179	66	SW	3	bc	10187	+1	64	+1	SSW	2	W	c	2	trace	69	57	o.c.og	bc	bc.og	8.9
	Wick	10136	54	SE	4	o	10108	0	55	0	S	1	-	fe	3	3	55	53	om	om	om.og	*
	Nairn	10112	64	SE	1	om	10108	*	58	+1	-	0	-	bc.og	0	4	70	52	om	og	bc.og	0.5
	Aberdeen	10137	58	SE	2	fe	10119	0	58	+1	S	1	-	bc	2	4	58	55	med.og	fe	bc.og	0.0
	Leith	10116	68	SE	2	bc	10127	+1	60	+2	-	0	W	og	2	2	71	52	og	og	c	*
	Tynemouth	10133	61	SW	1	om.og	10136	0	60	-1	-	0	-	bc.og	2	3	60	56	om	og	bc.og	*
	Spurn Head	10150	62	SSW	3	bc	10161	+4	60	0	WSW	2	-	bc	3	17	67	58	om	om.og	bc.og	4.1
Yarmouth	10164	63	S	3	om	10159	+3	62	+1	NW	1	-	bc	2	trace	65	58	om.og	om.c	om.og	0.0	
Clacton-on-Sea	10165	65	ESE	2	c	10176	+2	63	-2	W	2	-	bc	1	2	68	60	c.og	c.og	o.c.og	5.4	
Nottingham	10145	70	SSW	1	bc	10160	*	58	-3	SW	1	-	bc	*	0.1	76	55	c.o	c.og	bc	3.7	
Bath	10139	70	W	1	c	10175	*	61	-3	SW	1	-	o	*	2	74	54	o.c.og	bc.og	bc.og	5.2	
Sth Farnborough	10134	72	WSW	3	bc	10179	+1	62	-2	W	1	-	bc.og	*	0.3	76	57	og	og	bc.og	7.1	
London (Kew Obsy.)	10155	73	SW	3	bc	10180	+2	62	0	WSW	2	-	o	*	-	75	60	og	og	bc.og	3.6	
NORTHERN EUROPE.	Spitsbergen	10132	39	S	2	o	10117	0	37	+1	-	0	*	c	*	*	39	34	*	*	*	*
	Vardö	10238	48	E	2	o	10251	0	48	-6	NNE	1	-	o	1	*	54	43	*	*	*	*
	Bodö	10212	54	ESE	2	bc	10206	0	59	+9	E	2	-	bc	2	-	59	45	*	*	*	*
	Christiansund	10183	54	ESE	4	bc	10169	0	50	-2	NE	2	-	bc	2	-	55	48	*	*	*	*
	Skudesnaes	10167	57	NW	2	bc	10166	0	59	+2	E	2	-	bc	1	-	63	57	*	*	*	*
	Færder (Xania Fjord)	10155	64	NE	1	bc	10172	+1	61	0	ESE	1	-	m	1	-	64	59	*	*	*	*
	The Scaw (Skagen)	10150	63	NNW	3	bc	10163	0	64	0	NNE	2	-	bc	1	-	66	57	*	*	*	*
	Blaavands Huk	10177	57	NW	2	o	10176	0	59	+1	ESE	1	-	bc	1	-	59	50	*	*	*	*
	Haparanda													*								
	Hernösand													*								
FRANCE, &c.	Stockholm												*									
	Wisby												*									
	Karlstad												*									
	Petrograd (5 a.m. G.M.T.)												*									
	The Helder	10172	66	NE	1	bc	10159	0	64	0	SW	1	W	bc	0	-	68	63	*	*	*	*
	C. Gris Nez	10168	65	SSW	2	bc	10183	+2	61	-1	WSW	4	*	o	3	-	70	59	*	*	*	*
	La Hève	10181	68	NNW	1	bc	10191	*	63	+1	WSW	2	*	c	2	-	73	59	*	*	*	*
	Ushant	10186	64	WSW	3	o	10195	*	63	0	WSW	2	*	bc	3	-	70	57	*	*	*	*
	Brest (St. Mathieu)	10202	64	SW	3	m	10208	0	62	-1	WSW	2	*	bc	2	-	68	61	*	*	*	*
	Roche fort (Ile d'Aix)	10206	68	NNW	4	o	10216	+2	66	+2	N	3	*	c	*	-	72	64	*	*	*	*
SOUTHERN EUROPE.	Biarritz												*									
	Paris	10167	75	NNW	1	bc	10203	+2	64	-6	-	0	-	bc	*	1	81	57	*	*	*	*
	Belfort	10180	72	WSW	4	c	10203	*	65	+1	WSW	4	*	c	*	?	80	60	*	*	*	*
	Lyons	10175	78	ESE	1	bc	10197	*	69	0	NNE	2	*	o	*	-	84	66	*	*	*	*
	Nice	10169	68	-	0	o	10173	+2	70	-1	-	0	*	o	0	-	73	66	*	*	*	*
	Perpignan	10168	81	-	0	bc	10177	+1	77	0	W	2	-	bc	*	-	70	68	*	*	*	*
	Sanguinaire												*									
	Corunna (7 a.m.)												*									
	Madrid (8 a.m.)	10143	59	W	3	bc	10172	+3	72	-3	SSE	1	-	bc	*	-	99	63	*	*	*	*
	Lisbon (9 a.m.)	10179	79	NNW	5	bc	10204	+2	66	-4	NNW	4	-	bc	2	-	88	63	*	*	*	*
Gibraltar	10135	80	E	2	bc	10162	*	78	+5	E	3	*	bc	2	-	95	72	*	*	*	*	
Rome												*										
Malta (8 a.m.)						10181	+2	77	-2	NNW	1	-	bc	0	-	84	72	*	*	*	*	
SOUTHERN EUROPE.	Azores (Horta, 8 a.m.)	10246	*	SW	4	bc	10255	0	68	+2	SW	4	*	bc	1	-	77	68	*	*	*	*
	Madeira (Funchal)	10167	81	NE	2	bc	10193	+3	73	+1	NE	3	-	o	3	-	82	73	*	*	*	*

Pilot Balloon Ascent at about 7 a.m.

South Farnborough

500 m. W by S. 15 mph

1500 m. SW by W 14 mph.

Aberdeen

500 m. SW. 15 mph

1000 m. SW 5 mph.

### RAINFALL.

Equivalents of Millimetres.  
in Inches.

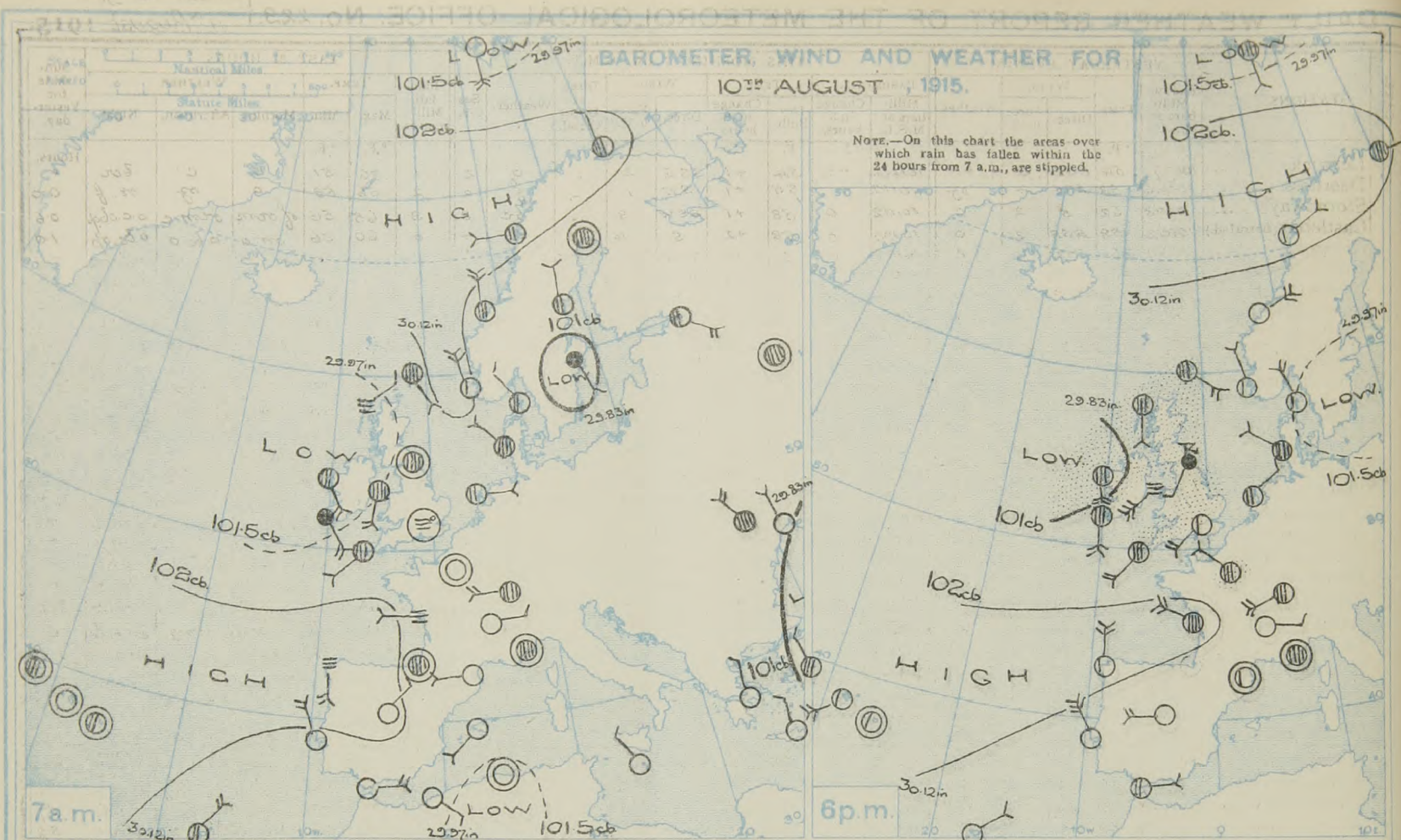
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14</

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

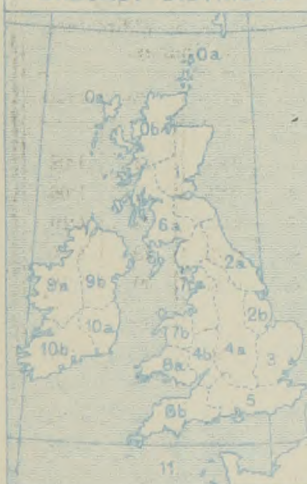
‡ The barometric change is expressed in half-millibars.





**FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

Western Channel and Bay 11

- |    |   |  |
|----|---|--|
| 0  | a | } Light Southerly and South-Easterly breezes; fair but misty at first, some showers later; moderate temperature. |
| 1  | b |  |
| 2  | a | } Light breezes, chiefly South-Westerly; fair generally, but local showers; moderate temperature.                |
| 3  | b |  |
| 4  | a | } Light to moderate South-Westerly and Westerly breezes, fair generally with a moderate temperature.             |
| 5  | b |  |
| 6  | a | } Same as Nos 0 and 1.   |
| 7  | b |  |
| 8  | a | } Moderate South-Westerly to Southerly breezes; fair at first, some showers later; moderate temperature.         |
| 9  | b |  |
| 10 | a | } Moderate Southerly and South-Westerly breezes; cool, changeable, some showers.                                 |
| 11 | b |  |
|    |   | } Light to moderate South-Westerly breezes; moderate sea; fair at first, showery later; moderate temperature.    |

**FURTHER OUTLOOK.**



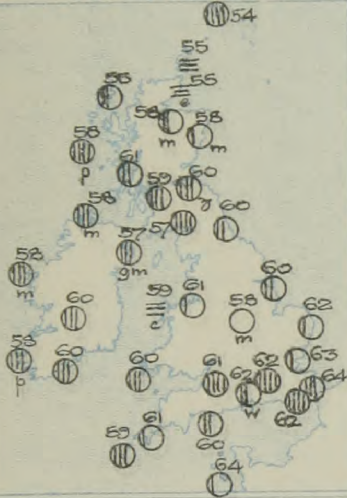
# SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 11<sup>TH</sup>

AUGUST, 1915.

## GENERAL INFERENCE.

A South-Westerly type of weather appears to be setting in, and a gradual improvement is probable over the southeastern quarter of England. Depressions moving over the Atlantic will cause further showers in our western and northern districts.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



## EXPLANATION.

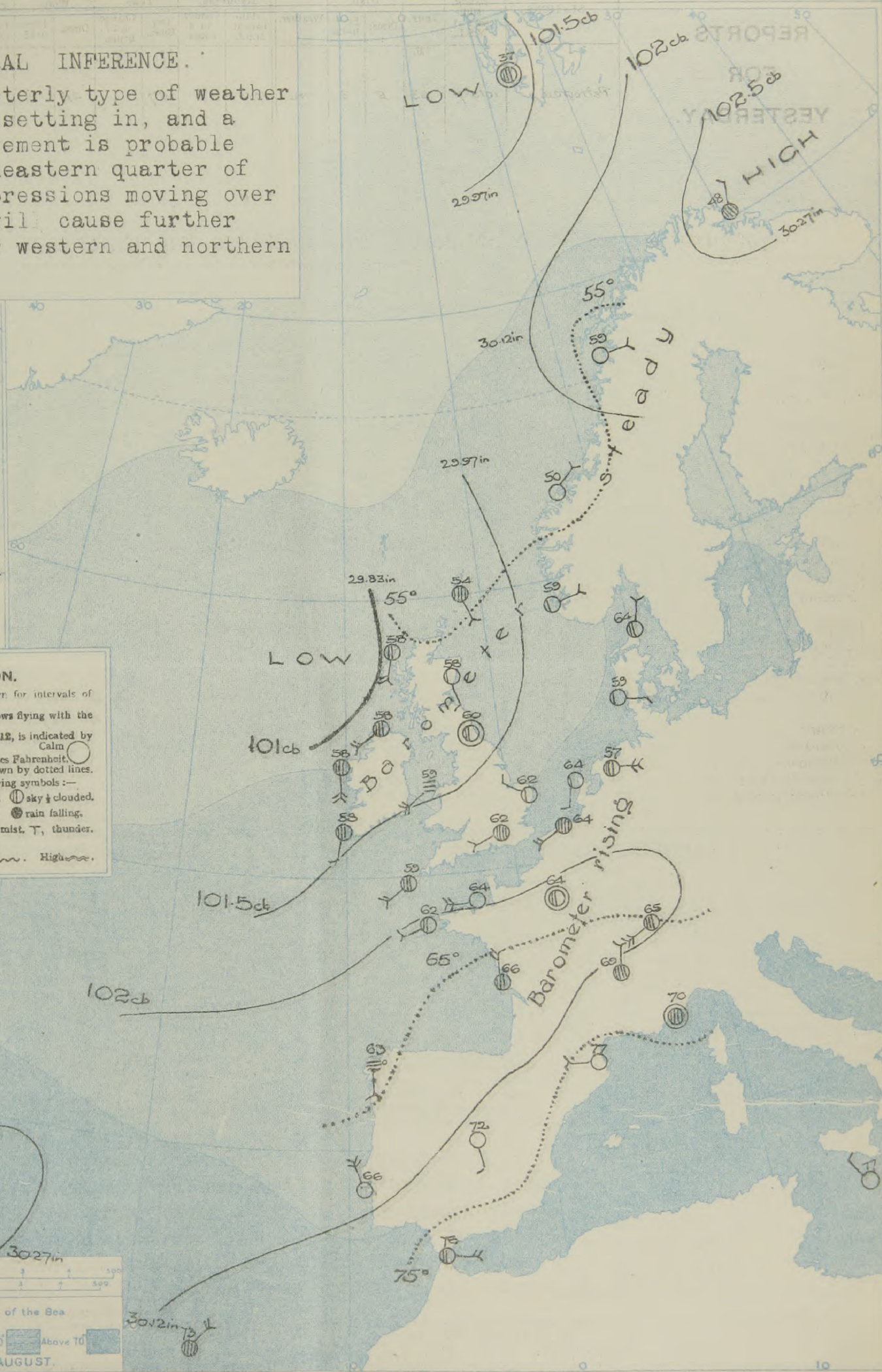
- BAROMETER.**—Isobars are drawn for intervals of five millibars.
- WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.
- TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.
- WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded.  
 ○ sky ¾ clouded. ○ overcast sky. ○ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.
- SEA DISTURBANCE.**—Rough. High.

SCALE 1:250,000  
 Nautical Miles 1 2 3 4 5  
 Statute Miles 1 2 3 4 5

Normal Temperature of the Sea

Below 50 50-60 60-70 Above 70

Scale of Tints for AUGUST.





## DAILY WEATHER REPORT.

Wednesday, 11th August, 1915.

REPORTS  
FOR  
YESTERDAY.

10th August

## EVENING OBSERVATIONS.

## OBSERVATIONS AT 7 A.M., G.M.T.

STATIONS.	Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
			Direc.	Force 0-12.				Dry Bulb. ° F.	Change in 24 hours. ° F.						Max.	Min.
Petrograd	1015.7	63	E	3	m	1015.1	0	57	-	SE	3	E	bc	*	68	54
Malta	*	*	*	*	*	1019.0	+2	79	+2	NW	1	-	b	1	86	72

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. &	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. &	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							(Tunbridge Wells ...						
Oban ...	4	69	51	o-cp	bc	1.1	Margate ...	2	75	58	om. bc	bc. b	7.9
Banff ...	trace	59	57	g	dm	0.0	Ramsgate ...		75	61	g. b	bc	7.6
Carnoustie ...	5	64	52	o. bc	ct r	0.8	Hastings ...		70	60	g. b	bc	8.0
St. Andrews ...	3	65	54	*	*	0.9	Bexhill-on-Sea ...		70	59	bc. b	g	8.7
England, N.E.							Eastbourne ...		71	59	bc. b	b	9.3
Harrogate ...	11	70	55	o. c. o	o. tr. c	1.3	Seaford ...		72	58	o. bc. b	b	9.0
Skegness ...	-	70	?	o. bc		3.7	Brighton ...		69	56	bc	g	8.9
England, N.W.							Worthing ...		70	58	bc	c	8.0
Morecambe ...	2	69	60	o. c. o	o. c	4.3	Littlehampton ...		70	57	o	b	9.0
Blackpool ...	3	70	61	o. c. o	o. c	3.9	Bognor ...		69	58	bc. b	b	9.2
Southport ...	4	68	60	o. c. o	o. tr. c	4.5	Southsea ...		73	60	b	b	8.7
Midlands.							Bournemouth ...		72	61	c	bc. b	8.5
Buxton ...	1	69	56	bc	bc. r	3.3	England, S.E.						
Leamington Spa ...	7	74	61	o. cp	h. bc	5.8	Weymouth ...		72	59	c. b	b. bc. by	8.2
Malvern ...	-	73	60	bc	bc	5.0	Torquay ...		71	63	o. c	bc. c	4.5
Ross-on-Wye ...	-	74	59	bc	c. bc	3.3	Paignton ...						
Wales.							Falmouth ...	3	68	61	o. r. o. g	o. g. bc	5.0
Rhyl ...	6	71	57	c. bc	p. bc. c	3.0	Penzance ...	3	68	62	o. r. c	a	4.4
Colwyn Bay ...	3	71	57	o. cp	bc	3.2	Newquay ...	2	70	61	o. r. bc. p	h. cp. b	5.5
Llandudno ...	0.3	71	57	c. r	c	2.5	Ilfracombe ...	0.2	70	61	c. bc	bc. c	4.0
Aberystwyth ...	5	67	62	o. c. o	cr	3.0	Weston-super-Mare ...	1	73	59	bc. b	bc. bc	4.0
Tenby ...	3	66	61	bc	b. bc	0.8	England, S.W.						
England, E.													
Cromer ...	-	70	57	o. m. c	bc. c. o	2.2							
Lowestoft ...	0.1	66	61	o. m. f	o. c. m.	0.2							
Felixstowe ...	0.3	68	61	bc. m	bc. m	5.0							
Walton-on-Naze ...	1	70	61	bc	bc. o. cp	6.8							
Southend-on-Sea ...	-	73	62	c. bc	b. bc. b	5.9							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.				Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.				
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.	Fore- noon.		After- noon.	Night.	In Screen.			Night Min. on Grass.	Night.	Fore- noon.	After- noon.							
				Max.	Min.			Max.										Min.						
24 HOURS ENDED 9 A.M. TO-DAY.																								
	%	%	Hr.	° F.	° F.	° F.	mm. §						mm. §	° F.	° F.	° F.				Hr.				
Greenwich (Royal Obs.) ...	98	73	0.5	77	60	-	19	bc	o. cl. o	bc. l			0.3	70	60	59	c. o. b	cp	c	*				
City (Bunhill Row) ...	*	*	2.7	*	*	*	*	*	*	*			7	69	59	58	o. u. g	o. u. b	o. u. r. b	3.4				
Westminster (St. James's Pk.)	91	80	3.5	73	60	57	8	m. r	m. o. r	7. bc. o			*				*			*				
Camden Sq. (Brit. Rainfall)	84	72	1.7	74	59	56	3	bc. o	cl. o. c	*			*				*			*				
Hampstead (Reservoir) ...	*	77	1.5	69	54	50	5	o. r. c	g	6			*				*			*				
Richmond Park ...	*	*	3.9										*	73	62	61	c	c. bc	bc	5.3				
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																				
				Total.		Average Rate.		Max. Rate.																
				Joules.		Milliwatts.		Milliwatts.																
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																								
S. Kensington (Roof of M.O.)	82	75	3.3	71.2			13.3			55			7	74	62	55	o. u. g	m. n. r	o. r. c.					

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

11th 12th Aug. 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.30	11.58	7.26
Greenwich ...	4.32	12.5	7.24
Wick ...	4.42	12.5	7.30
Valencia ...	4.26	12.17	8.8
	4.25	12.17	8.5
	4.21	12.46	8.19

NOTES ON YESTERDAY'S WEATHER.  
The thermometer rose to between 70° and 75° in many districts and reached 76° at Nottingham and South Farnborough. Thunderstorms occurred in several parts of England and were accompanied locally by very heavy showers; at Wandsworth Common 24 mm. fell in the space of about an hour and a half (0.45 p.m. to 2.15 p.m.).

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



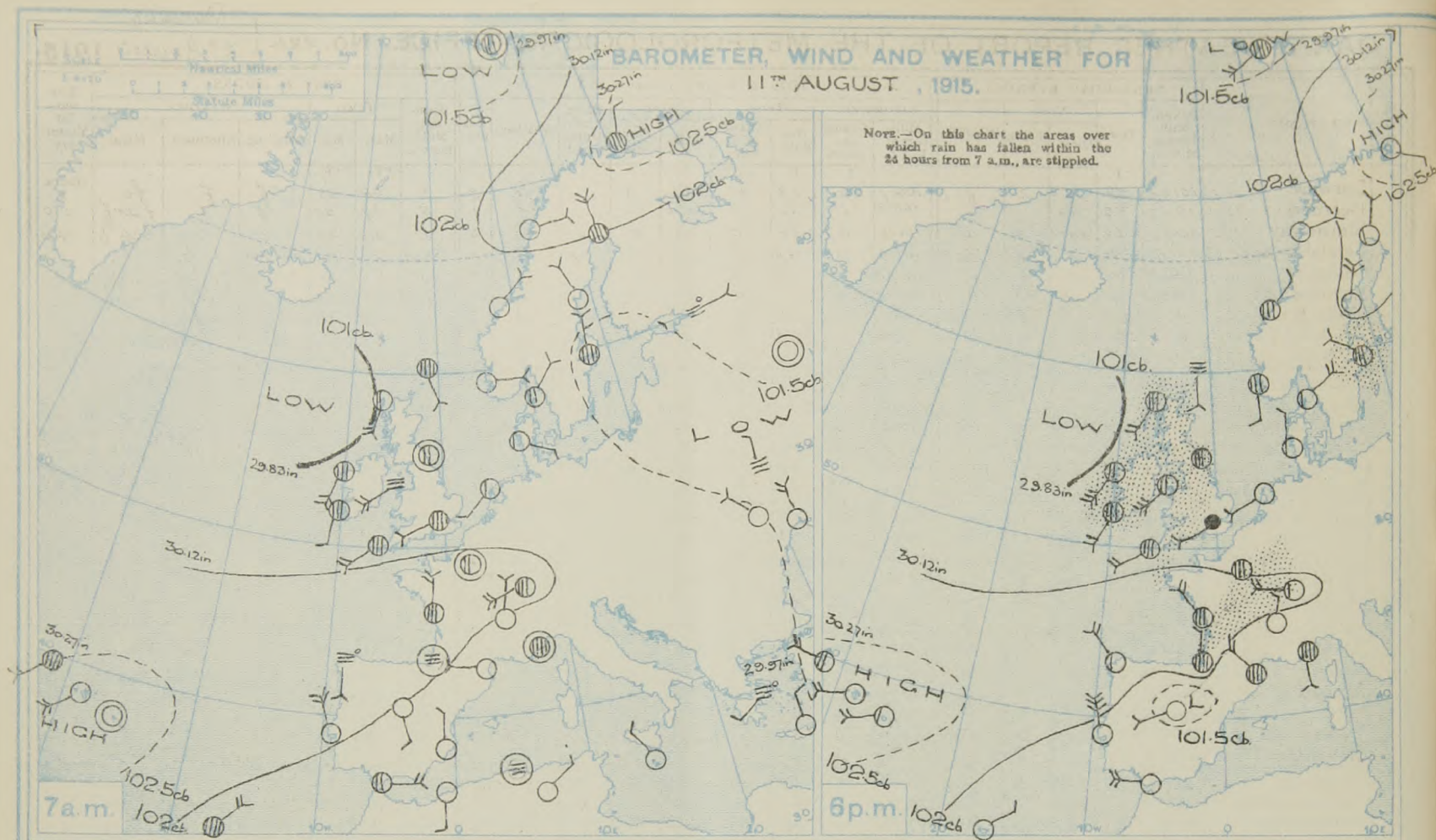
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 224

Thursday  
12<sup>th</sup> August 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	10128	56	S	2	f	10127	0	55	+1	SSW	3	-	f	3	3	52	53	rf	f	f	Hours.
	Deerness	10122	55	SE	1	f	10118	0	54	-1	NNW	1	-	f	1	8	57	53	f	f	f	00
	Stornoway	10111	62	SSW	3	c	10116	0	58	0	S	2	-	f	2	1	64	53	c	c	c	46
	Castlebay (Barra Isd.)	10116	59	S	3	bc	10110	0	58	0	SE	4	SE	c	4	trace	61	56	cp. m.	cm. bc	bc	53
	Glasgow	10123	62	SW	2	c	10129	0	58	-1	-	0	S	c	4	4	68	55	cp. cp	bc. m.	cp. m.	30
	Esksdalemuir	10130	60	SW	4	c	10137	0	57	0	SSW	2	-	0	4	1	66	55	0 c	bc. c.	cp. m.	53
	Malin Head	10120	58	S	2	cm	10112	-1	56	-2	S	4	SW	bc	2	16	63	58	cp	cm. pl	bc	27
	Blacksod Point	10112	61	SSW	5	bc	10103	-1	57	-1	SSW	4	SW	bc	3	4	63	52	bc	bc	bc. bc	*
	Valencia	10137	63	SSW	3	c	10132	0	57	-1	S	1	SW	bc	4	2	66	55	cp	bc	c	79
	Roche's Point	10160	62	SW	4	c.	10155	*	57	-3	SW	1	W	c	2	1	66	54	bc	bc. c	bc. c	*
	Birr Castle	10134	60	S	1	c	10138	*	56	-4	S	1	-	c	*	21	69	53	c	bc	cp	84
	Donaghadee	10121	62	SSW	3	cm	10126	0	56	-1	SW	2	SW	cm	2	8	68	54	cm	cm	cm. bc	*
	Liverpool (Bidston)	10147	67	WSW	3	bc	10145	0	59	-2	S	1	S	bc	2	5	69	56	cp	bc	bc	93
	Holyhead	10147	61	SW	5	bc	10138	-1	58	-1	SW	4	-	f	3	4	64	56	cp. cp	bc. bc	bc. bc	59
	Pembroke (St. Ann's)	10171	60	SW	3	bc	10156	-1	59	-1	WSW	2	SW	bc	3	0.4	64	58	c	bc	bc	78
	Scilly (St. Mary's)	10180	62	WSW	2	c	10161	0	59	0	WSW	2	SW	bc	3	1	66	56	bc	bc. c	bc. bc	103
	Falmouth	10185	64	SW	3	bc	10161	0	60	-1	SW	4	-	bc	2	3	64	58	bc	bc	bc	93
	Jersey (St. Aubin)	10202	66	W	3	0	10184	*	62	-2	W	2	-	0	2	1	71	60	bc	bc	bc. c	93
	Portland Bill	10186	61	SW	3	c	10174	-1	60	-	SW	2	SW	c	2	1	64	59	bc	bc	cp	*
	Dungeness	10189	62	SW	3	bc	10178	0	60	-2	SW	3	SW	bc	3	-	67	60	bc	bc	cm. bc	*
	Dover	10183	62	SW	4	bc	10177	0	61	-3	SW	2	SW	0	3	-	67	57	bc. bc	bc	bc. bc	00
Wick	10120	59	-	0	m	10120	+1	58	-2	-	0	-	f	1	0.2	61	52	f. m.	cm	cm. f	*	
Nairn	10111	63	E	1	ot	10117	*	58	0	-	0	-	c	1	4	70	54	pc	pc	g. cp	61	
Aberdeen	10122	65	WSW	1	c	10123	0	60	+2	SW	2	-	cy	2	-	73	58	bm. bc	bc. bc	cy	103	
Leith	10122	61	E	1	0	10132	0	57	-3	-	0	-	c	*	4	70	62	c	bc	bc	*	
Tynemouth	10133	63	-	0	cm	10140	0	58	-2	WSW	2	W	bc	2	7	66	56	cm. bc	cm. bc	bc. m.	*	
Spurn Head	10152	67	W	3	cm	10162	0	60	0	W	3	-	bc	3	-	75	57	bc. m.	bc. m.	cm	98	
Yarmouth	10175	69	SSW	3	bc	10157	0	59	-3	NW	2	NW	bc	1	-	74	57	bc	bc	bc. m.	115	
Clacton-on-Sea	10171	73	WSW	2	bc	10174	0	61	-2	W	1	W	0	1	-	78	58	bc. c	bc. c	bc. m.	116	
Nottingham	10160	64	SW	1	bc	10168	*	56	-2	SW	1	-	bc	*	10	72	52	bc. bc	cp. bc	bc. bc	63	
Bath	10176	68	W	1	c	10168	*	60	-1	SW	1	SW	0	3	3	71	57	cp. bc	bc	bc. c	58	
Sth Farnborough	10177	67	WSW	3	c	10170	0	61	-1	SW	1	-	ow	*	-	74	58	bc	c	bc. bc	90	
London (Kew Obsy.)	10170	67	WSW	2	bc	10172	0	62	0	-	0	SW	0	*	1	73	59	bc. bc	bc. bc	bc. c	64	
NORTH EUROPE.	Spitsbergen	10144	39	SW	3	0	10171	+1	35	-2	N	4	-	0	*	*	41	23	-	-	-	
	Vardö	10263	48	SE	1	bc	10270	0	52	+4	SE	1	-	bc	2	*	50	41	-	-	-	
	Bodö	10199	61	E	2	bc	10230	+1	63	+4	E	4	SW	bc	2	-	66	55	-	-	-	
	Christiansund	10180	61	NE	1	c	10181	0	61	+11	-	0	-	c	1	-	64	52	-	-	-	
	Skudesnaes	10173	61	S	1	c	10173	0	63	+4	SSW	1	-	bc	1	-	63	55	-	-	-	
	Færder (X'lania Fjord)	10177	64	WSW	1	bc	10193	+1	61	0	NE	2	-	c	1	-	69	61	-	-	-	
	The Scaw (Skagen)	10173	63	N	2	bc	10194	0	64	0	ENE	2	-	c	2	-	64	59	-	-	-	
	Blaavands Huk	10180	63	N	1	bc	10179	+1	61	+2	E	1	W	bc	1	-	64	50	-	-	-	
	Haparanda	10219	61	NNE	2	bc	10244	0	59	+4	NE	2	-	bc	*	-	68	48	-	-	-	
	Hernösand	10403	61	NNE	4	bc	10220	0	59	0	N	4	-	c	*	-	64	55	-	-	-	
FRANCE, &c.	Stockholm	10157	59	NW	2	c	10175	+2	59	-2	N	2	-	0	*	1	66	52	-	-	-	
	Wisby	10164	63	N	4	bc	10179	0	63	-1	NE	2	-	bc	*	-	64	55	-	-	-	
	Karlstad	10173	66	-	0	bc	10203	+3	59	0	NE	2	-	0	*	-	72	54	-	-	-	
	Petrograd (G.M.T.)																					
	The Helder	10173	64	WSW	2	bc	10170	0	63	-1	S	1	-	bc	0	-	68	54	-	-	-	
	C. Gris Nez	10189	59	SW	4	m	10180	-1	62	+1	SSW	1	-	0	2	-	64	59	-	-	-	
	La Hève	10197	66	NNE	1	bc	10172	*	61	-2	-	0	*	0	1	-	75	57	-	-	-	
	Ushant	10206	64	SE	1	0	10180	*	62	-1	NW	3	-	0	5	5	70	57	-	-	-	
	Brest (St. Mathieu)	10211	68	SW	3	c	10184	-1	60	-2	NNW	1	-	0	3	-	75	52	-	-	-	
	Rochefort (Ile d'Aix)	10204	69	NW	3	c	10199	+1	65	-1	N	2	-	c	*	-	77	63	-	-	-	
SOUTHERN EUROPE.	Biarritz	10203	68	N	1	0	10193	0	66	+2	ESE	2	-	0	3	3	70	64	-	-	-	
	Paris	10190	70	-	0	0	10181	+1	64	0	NE	2	W	bc	*	2	77	61	-	-	-	
	Belfort	10203	71	W	3	bc	10202	*	61	-4	-	0	*	c	*	?	?	?	-	-	-	
	Lyons	10179	75	NNE	1	bc	10176	*	66	-3	W	1	-	0	*	-	83	64	-	-	-	
	Nice	10168	70	S	2	0	10155	+1	70	0	E	1	-	c	0	-	82	66	-	-	-	
	Perpignan	10167	79	NW	3	0	10166	+1	75	-2	W	2	SW	0	*	-	91	70	-	-	-	
	Sanguinaire	*	78	NW	2	bc	*	*	76	-	E	1	-	0	2	-	84	70	-	-	-	
	Corunna (7 a.m.)	10230	66	NW	3	bc	10221	+1	63	0	S	3	-	0	3	-	70	61	-	-	-	
	Madrid (8 a.m.)	10120	91	WSW	2	bc	10160	+1	72	0	NNE	1	-	bc	*	-	93	61	-	-	-	
	Lisbon (9 a.m.)	10191	75	NNW	6	bc	10198	-1	64	-2	N	4	N	bc	5	-	82	64	-	-	-	
Gibraltar	10159	78	W	4	bc	10152	*	72	-6	W	2	-	bc	2	-	89	73	-	-	-		
Rome	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Malta (8 a.m.)	*	*	*	*	*	10167	+1	79	+2	W	2	-	bc	1	-	84	73	-	-	-		
Azores (Horta, 8 a.m.)	10259	*	WSW	4	bc	10256	0	70	+2	-	0	-	bc	2	-	77	68	-	-	-		
Madeira (Funchal)	10189	81	NE	4	bc	10207	+1	70	-3	NE	4	-	bc	4	-	82						

RAINFALL.			
Equivalents of Millimetres in Inches.			
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





### FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Coast.

North Coast.

South Coast.

North Coast.

No Warnings Issued.

Western Channel and Bay 11

- |    |            |   |
|----|------------|---|
| 0  | a }<br>b } | Light Southerly breezes; chiefly misty or foggy; normal temperature.  |
| 1  | a }<br>b } | Light breezes mainly from South or South-West; fair generally, but slight local showers, misty on coast; normal temperature.          |
| 2  | a }<br>b } |   |
| 3  | a }<br>b } | Light South-Westerly breezes; mostly fair, but slight showers locally; normal temperature.  |
| 4  | a }<br>b } |   |
| 5  | a }<br>b } |   |
| 6  | a }<br>b } | Light Southerly breezes; cloudy, misty, local showers; normal temperature.  |
| 7  | a }<br>b } | Light to moderate Southerly and South-Westerly breezes; cloudy, misty, some showers; normal temperature.                              |
| 8  | a }<br>b } | Same as Nos 3 to 5.   |
| 9  | a }<br>b } | Light to moderate Southerly and South-Westerly breezes; cool; changeable, some showers.   |
| 10 | a }<br>b } |   |
| 11 | a }<br>b } | Light South-Westerly breezes probable mouth Channel, variable breezes further south; sea slight; cloudy or misty; normal temperature. |

#### FURTHER OUTLOOK.

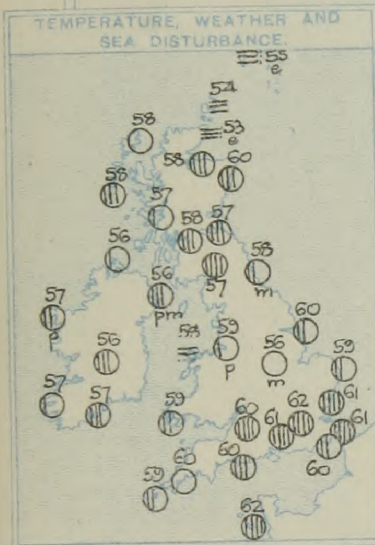


# SYNOPTIC CHART FOR 7 a.m., THURSDAY, 12<sup>TH</sup>

AUGUST, 1915.

## GENERAL INFERENCE.

There are no indications  
of any material change in the  
general situation.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.

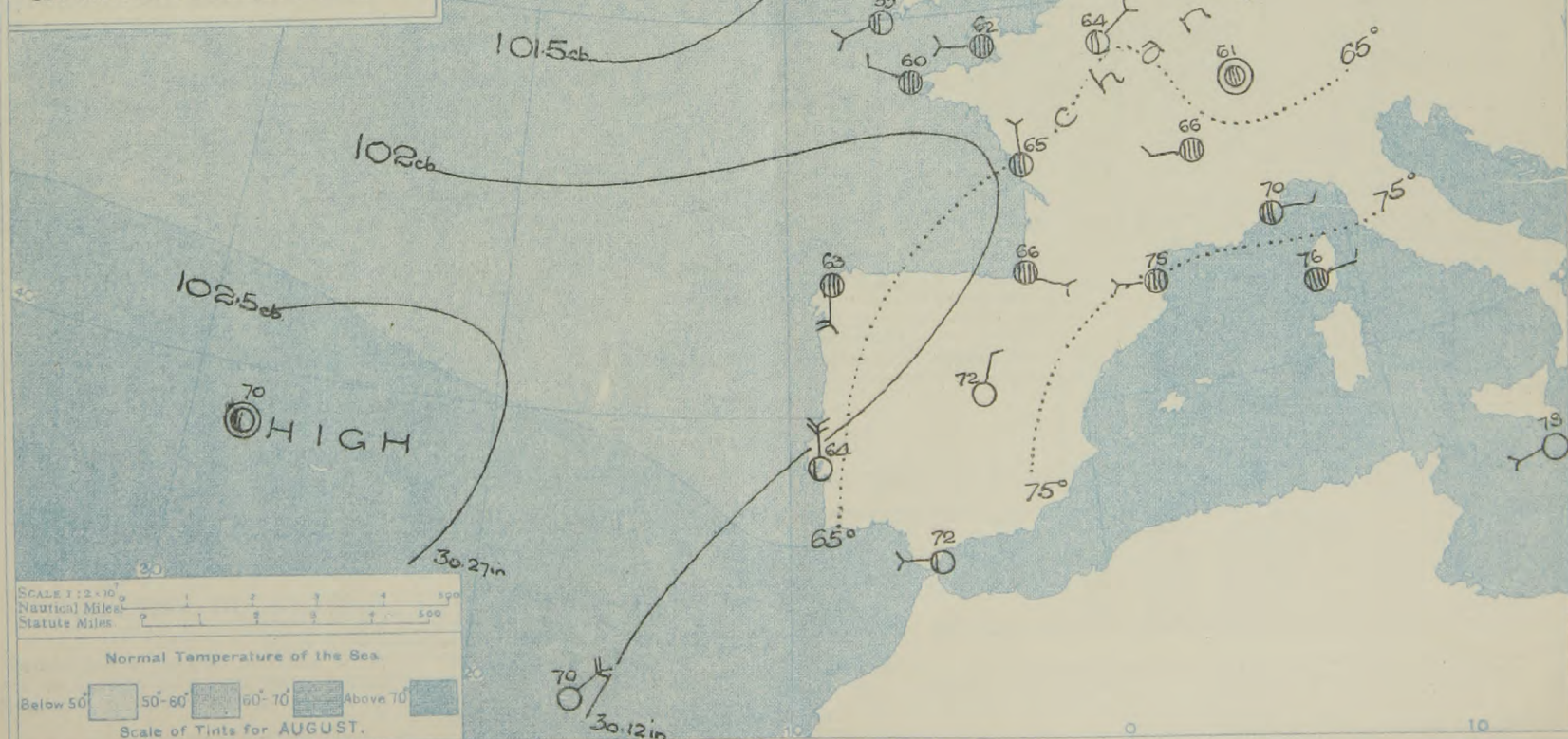
**WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers.

**TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded.  
○ sky & clouded. ○ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
R, thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~





## DAILY WEATHER REPORT.

Thursday, 12<sup>th</sup> August, 1915.REPORTS  
FOR  
YESTERDAY.11<sup>th</sup> August.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.	TEMP.	
	BAROM. Milli-bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Dir.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Dir.	Force 0-12.							
Haparanda	1017.5	62	NE	2	C	1020.0	+2	55	-6	N	4	-	0	*	-	68	54	
Herrnösand	1016.0	61	-	0	b	1017.7	+2	59	-2	NNW	2	NE	0	*	-	66	54	
Stockholm	1011.0	59	E	2	0	1013.4	+2	61	+4	N	2	-	0	*	1	64	55	
Wisby	1011.3	61	WNW	2	b	1013.6	+1	64	+9	NE	2	-	bc	*	8	64	54	
Karlskrona	1014.6	61	N	2	C	1017.0	+3	59	0	N	2	-	b	*	2	70	52	
Petrograd	1016.6	63	SE	3	0	1016.6	0	59	+2	E	2	SW	m	*	-	66	57	
Corunna	1022.1	68	N	4	b	1022.9	+1	63	+2	S	2	-	m	*	-	70	61	
Barritz	1019.9	72	SE	2	0	1023.9	0	64	-2	-	0	-	f	*	-	75	63	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells ...		72	58	bc	bc	7.9
Oban ...	4	68	52	bc	bc	2.1	Margate ...		71	60	bc	bc	5.5
Banff ...	16	69	56	bc	bc	7.5	Ramsgate ...		72	57	c	bc	5.9
Carnoustie ...	0.3	66	49	bc	bc	6.5	Hastings ...		68	59	o	bc	8.9
St. Andrews ...	1	71	52	*	*	5.7	Bexhill-on-Sea ...		68	59	bc	bc	9.0
England, N.E.							Eastbourne ...		66	61	bc	bc	9.9
Harrogate ...	1	69	55	bc	bc	3.9	Seaford ...		65	60	bc	bc	8.4
Skegness ...	7	73	57	bc	bc	9.7	Brighton ...		68	62	c	bc	9.3
England, N.W.							Worthing ...		69	61	bc	bc	10.5
Morecambe ...	-	68	59	bc	bc	4.0	Littlehampton ...		67	60	bc	bc	10.3
Blackpool ...	-	68	60	c	bc	5.6	Bognor ...		66	61	bc	bc	10.7
Southport ...	2	67	56	o	bc	7.5	Southsea ...		70	60	bc	bc	11.1
Midlands.							Bournemouth ...		69	50	bc	bc	11.5
Buxton ...	2	69	54	bc	bc	?	Weymouth ...		70	60	bc	bc	10.5
Leamington Spa ...	-	72	56	c	bc	10.3	Torquay ...	0.1	71	58	bc	bc	9.6
Malvern ...	-	71	57	bc	bc	11.5	Paignton ...		69	59	bc	bc	9.1
Ross-on-Wye ...	-	72	55	bc	bc	9.2	Falmouth ...		71	60	bc	bc	10.8
Wales.							Penzance ...	0.6	71	60	bc	bc	11.0
Rhyl ...	3	69	57	c	bc	7.0	Newquay ...		67	56	bc	bc	9.0
Colwyn Bay ...	3	70	58	bc	bc	6.5	Ilfracombe ...		66	60	bc	bc	8.5
Llandudno ...	1	69	56	c	bc	6.0	Weston-super-Mare ...	3	69	57	bc	bc	8.5
Aberystwyth ...	-	66	61	c	bc	7.5							
Tenby ...	-	65	59	b	bc	9.3							
England, S.E.													
Cromer ...	2	70	57	bc	bc	8.0							
Lowestoft ...	0.2	75	58	bc	bc	11.1							
Felixstowe ...	0.3	74	60	bc	bc	12.7							
Walton-on-Naze ...	0.3	72	59	bc	bc	12.0							
Southend-on-Sea ...	-	76	55	b	b	10.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall. mm.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.				
Greenwich (Royal Obs.) ...	52	77	7.7	76	59	5.3	c. o	o. c. n	o. c
City (Bunhill Row) ...	*	*	7.2	*	*	*	*	*	*
Westminster (St. James's Pk.)	60	81	7.1	74	60	5.8	bc	bc	bc
Camden Sq. (Brit. Rainfall)	53	76	7.1	77	59	5.8	bc	bc	bc
Hampstead (Reservoir) ...	*	84	7.3	72	56	5.1	bc	bc	bc
Richmond Park ...	*	*							
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
S. Kensington (Roof of M.O.)	54	77	7.2	?	Joules	?	Milliwatts.	76	Milliwatts.

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

12 <sup>th</sup> August 1915.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.32	11.58	7.24
Greenwich ...	4.34	11.58	7.22
Wick ...	4.22	12.5	7.28
Valencia ...	4.24	12.5	7.26
	4.29	12.17	8.5
	4.31	12.17	8.3
	5.21	12.46	8.12
	5.23	12.46	8.10

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded;  
c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail;  
l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder;  
u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.			
Dublin to 4 p.m.						
Darwen to 9 p.m.	10	66	55	52	bc	3.6
Manchester "	4	71	57	54	bc	6.1
Birmingham "						
Oxford to 8 p.m.						
Teignmouth to 9 "						
Plymouth "						
S. Kensington (Museum Grounds to 6 p.m.)	Trace	74	61	56	bc	6.0

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 70° and 75° in many parts of Great Britain and touched 76° at Southend-on-Sea. Thunderstorms occurred at many of the Irish and Scotch stations. Between 11 and 13 hours of bright sunshine were recorded on various parts of our south and east coasts.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 225.

Friday  
13th August 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1013.4	57	S	3	f	1013.5	0	57	+2	SSE	3	-	f	3	5	58	54	f	f	f	Hours.
	Deerness	1011.8	56	E	1	f	1011.5	*	54	0	SE	1	-	f	1	-	60	52	f	f	f	1.4
	Stornoway	1011.2	60	S	2	bc	1010.1	0	57	-1	-	0	-	cg	0	-	64	50	bc	bc	bc	8.1
	Castlebay (Barrisd.)	1010.1	59	SE	3	bc	1009.0	0	57	-1	SE	4	SE	c	4	trace	61	55	opm	opm	bc	7.7
	Glasgow	1011.4	62	SW	2	c	1011.6	0	51	-7	ENE	1	S	c	*	1	68	48	cll	cll	bc	4.4
	Eskdalemuir	1012.0	60	S	3	bc	1011.6	-1	55	-2	S	1	-	c	*	1	66	50	opm	bc	bc	8.6
	Malin Head	1010.3	58	SE	1	bc	1008.8	-2	55	-1	S	4	S	cg	3	12	65	53	bc	bc	cg	6.0
	Blackrod Point	1010.8	59	SSW	5	bc	1008.3	0	56	-1	SW	3	SW	bc	3	7	63	53	bc	bc	cg	*
	Valencia	1012.6	61	SW	3	c	1011.6	0	59	+2	WSW	2	W	c	4	3	65	56	bc	bc	cg	9.5
	Roche's Point	1014.2	62	SW	3	bc	1013.5	*	57	0	SW	1	-	c	2	9	64	54	bc	bc	bc	*
	Birr Castle	1011.8	61	SW	1	c	1010.8	*	54	-2	S	1	-	c	*	1	68	50	c	cll	cg	9.9
	Donaghadee	1010.7	59	SSE	2	bc	1010.4	-1	55	-1	SSW	2	-	bc	2	7	65	52	bc	bc	cg	*
	Liverpool (Bidston)	1012.9	64	WSW	1	bc	1012.4	0	56	-3	SSW	1	-	bc	1	5	66	52	bc	bc	cg	8.9
	Holyhead	1012.7	61	SW	4	bc	1011.9	0	57	-1	SW	3	-	bc	2	-	64	56	bc	bc	cg	7.0
	Pembroke (St. Ann's)	1014.8	61	WSW	2	bc	1013.5	-1	58	-1	SW	2	SW	bc	2	0.4	64	57	bc	bc	bc	1.4
	Scilly (St. Mary's)	1015.4	62	WSW	2	c	1013.9	0	58	-1	WSW	1	-	bc	3	6	66	54	bc	bc	bc	8.4
	Falmouth	1016.7	64	SSW	1	bc	1013.7	0	58	-2	W	1	-	op	1	2	68	56	bc	bc	bc	6.7
	Jersey (St. Aubin)	1016.5	64	WSW	3	bc	1014.7	*	60	-2	W	2	-	op	2	trace	68	54	bc	bc	bc	2.6
	Portland Bill	1015.3	61	SW	3	bc	1014.3	0	58	-2	WSW	1	-	c	2	1	62	57	bc	bc	bc	*
	Dungeness	1016.8	62	SW	3	c	1014.8	0	61	+1	SW	2	SW	bc	2	-	65	57	bc	bc	bc	*
	Dover	1015.6	60	SSW	4	c	1013.6	0	61	0	WSW	3	-	bc	3	-	64	56	bc	bc	bc	2.2
Wick	1011.8	54	-	0	f	1011.1	0	54	+1	-	0	-	fe	1	0.2	58	50	fe	fe	fe	*	
Nairn	1011.2	56	-	0	cll	1011.0	*	54	-4	-	0	-	mg	0	4	68	49	bc	bc	bc	5.4	
Aberdeen	1011.8	61	S	3	bc	1011.2	0	56	-4	NE	2	-	mg	2	1	69	52	bc	bc	bc	6.2	
Leith	1010.8	63	SE	1	c	1011.3	0	54	-3	-	0	-	mg	2	19	65	47	bc	bc	bc	*	
Tynemouth	1011.9	61	SE	1	bc	1011.4	0	55	-3	W	1	-	bc	2	1	66	51	bc	bc	bc	*	
Spurn Head	1014.2	60	WSW	2	cll	1013.8	-2	59	-1	NW	3	-	c	3	3	72	54	bc	cll	c	8.4	
Yarmouth	1015.9	58	N	1	mg	1014.0	0	56	-3	WSW	2	-	mg	2	12	67	53	bc	mg	cll	2.6	
Clacton-on-Sea	1015.4	65	WSW	3	c	1013.6	0	57	-4	W	1	-	mg	1	4	68	56	bc	mg	cll	1.3	
Nottingham	1013.2	65	SW	1	c	1012.3	*	54	-2	SW	1	-	bc	1	1	72	50	bc	cll	mg	7.5	
Bath	1014.4	64	W	1	bc	1014.4	*	52	-8	W	1	SW	c	10	69	49	bc	bc	bc	5.6		
Sth Farnborough	1014.0	66	SW	3	bc	1013.6	0	55	-6	-	0	W	bc	1	1	71	48	bc	bc	bc	3.3	
London (Kew Obs.)	1014.5	66	WSW	1	bc	1013.8	+1	57	-5	-	0	SW	mg	*	6	70	54	bc	bc	bc	1.9	
NORTHERN EUROPE.	Spitsbergen	1020.0	36	NW	4	0	1024.4	+1	39	+4	-	0	-	bc	*	*	30	32	*	*	*	*
	Vardö	1027.0	30	SSE	1	bc	1026.1	-1	55	+3	S	3	-	bc	2	*	58	45	*	*	*	*
	Bodö	1022.4	57	-	0	bc	1022.9	0	64	+1	E	2	-	bc	2	-	64	52	*	*	*	*
	Christiansund	1018.9	66	SE	2	c	1017.9	0	59	-2	-	0	-	bc	1	-	66	57	*	*	*	*
	Skudesnaes	1016.8	61	S	2	c	1015.1	0	63	0	E	1	-	c	2	1	66	55	*	*	*	*
	Færder (Xtaniafjord)	1018.9	66	SE	2	bc	1018.9	0	59	-2	E	5	-	0	2	-	66	59	*	*	*	*
	The Scaw (Skagen)	1017.6	64	E	1	bc	1016.8	0	63	-1	SE	2	-	0	2	-	72	61	*	*	*	*
	Blaavands Huk	1016.6	66	-	0	bc	1013.6	-1	61	0	SE	1	-	c	1	-	70	54	*	*	*	*
	Haparanda	1024.0	64	NE	2	bc	1024.8	0	59	0	NE	2	-	bc	*	-	77	50	*	*	*	*
	Hernösand	1022.3	61	NE	4	bc	1022.0	0	59	0	N	2	-	c	*	-	64	54	*	*	*	*
FRANCE, &c.	Stockholm	1017.5	63	ENE	2	0	1018.3	0	61	+2	NNE	2	-	0	*	1	66	55	*	*	*	*
	Wisby	1018.3	61	NNE	2	bc	1018.1	0	61	-2	N	2	-	bc	*	-	66	55	*	*	*	*
	Karlstad	1019.1	64	*	0	bc	1019.9	?	59	0	E	2	-	c	*	-	68	54	*	*	*	*
	Petrograd (G.M.T.)	1015.3	63	WSW	2	0	1012.7	-1	63	0	WSW	2	-	bc	1	-	68	57	*	*	*	*
	The Helder	1020.0	62	SSW	1	c	1014.1	-2	60	-2	SW	3	*	0	2	1	64	59	*	*	*	*
	C. Gris Nez	1014.3	63	N	1	c	1013.2	*	?	?	NW	2	*	bc	2	2	72	57	*	*	*	*
	La Hève	1017.2	64	W	3	bc	1014.3	*	57	-5	NE	3	*	bc	3	9	70	54	*	*	*	*
	Ushant	1017.9	66	SW	2	bc	1014.3	+1	61	+1	E	1	*	0	3	11	72	59	*	*	*	*
	Brest (St. Mathieu)	1017.9	66	SW	2	bc	1014.3	+1	61	+1	E	1	*	0	3	11	72	59	*	*	*	*
	Rochefort (Ile d'Aix)	1018.0	68	WSW	4	0	1016.2	0	67	+2	S	3	*	0	*	trace	75	63	*	*	*	*
SOUTHERN EUROPE.	Biarritz	1015.1	70	NE	1	c	1014.4	0	64	0	W	1	-	0	*	trace	79	61	*	*	*	*
	Paris	1016.0	72	-	0	c	1015.8	*	59	-2	-	0	*	bc	*	2	79	59	*	*	*	*
	Belfort	1015.0	75	N	1	0	1016.7	*	62	-4	NW	3	*	0	*	-	82	61	*	*	*	*
	Lyons	1013.5	71	-	0	0	1012.3	?	72	+2	-	0	*	0	?	?	?	?	*	*	*	*
	Nice	1016.3	77	NW	2	0	1015.3	0	72	-3	NNW	2	-	0	*	-	88	70	*	*	*	*
	Perpignan	1020.7	70	NNW	3	c	1019.5	+2	68	+6	WSW	1	-	0	2	3	72	64	*	*	*	*
	Sanguinaire	1011.7	90	W	1	bc	1016.7	+1	73	+1	NE	1	-	0	*	-	91	64	*	*	*	*
	Corunna (7 a.m.)	1020.7	70	NNW	3	c	1019.5	+2	68	+6	WSW	1	-	0	2	3	72	64	*	*	*	*
	Madrid (8 a.m.)	1011.7	90	W	1	bc	1016.7	+1	73	+1	NE	1	-	0	*	-	91	64	*	*	*	*
	Lisbon (9 a.m.)	1011.7	90	W	1	bc	1016.7	+1	73	+1	NE	1	-	0	*	-	91	64	*	*	*	*
Pilot Balloon Ascent at about 7 a.m. South Farnborough.	Azores (Horta, 8 a.m.)	1025.7	*	SW	4	bc	1019.7	0	70	0	NE	3	-	0	3	-	77	68	*	*	*	*
	Madeira (Funchal)	1019.4	75	NE	4	bc	1019.7	0	70	0	NE	3	-	0	3	-	77	68	*	*	*	*

Pilot Balloon Ascent at about 7 a.m.  
South Farnborough.

Wind at 500 metres. W.N.W. 7 miles per hour.  
" " 2000 metres. W.S.W. 16 miles per hour.

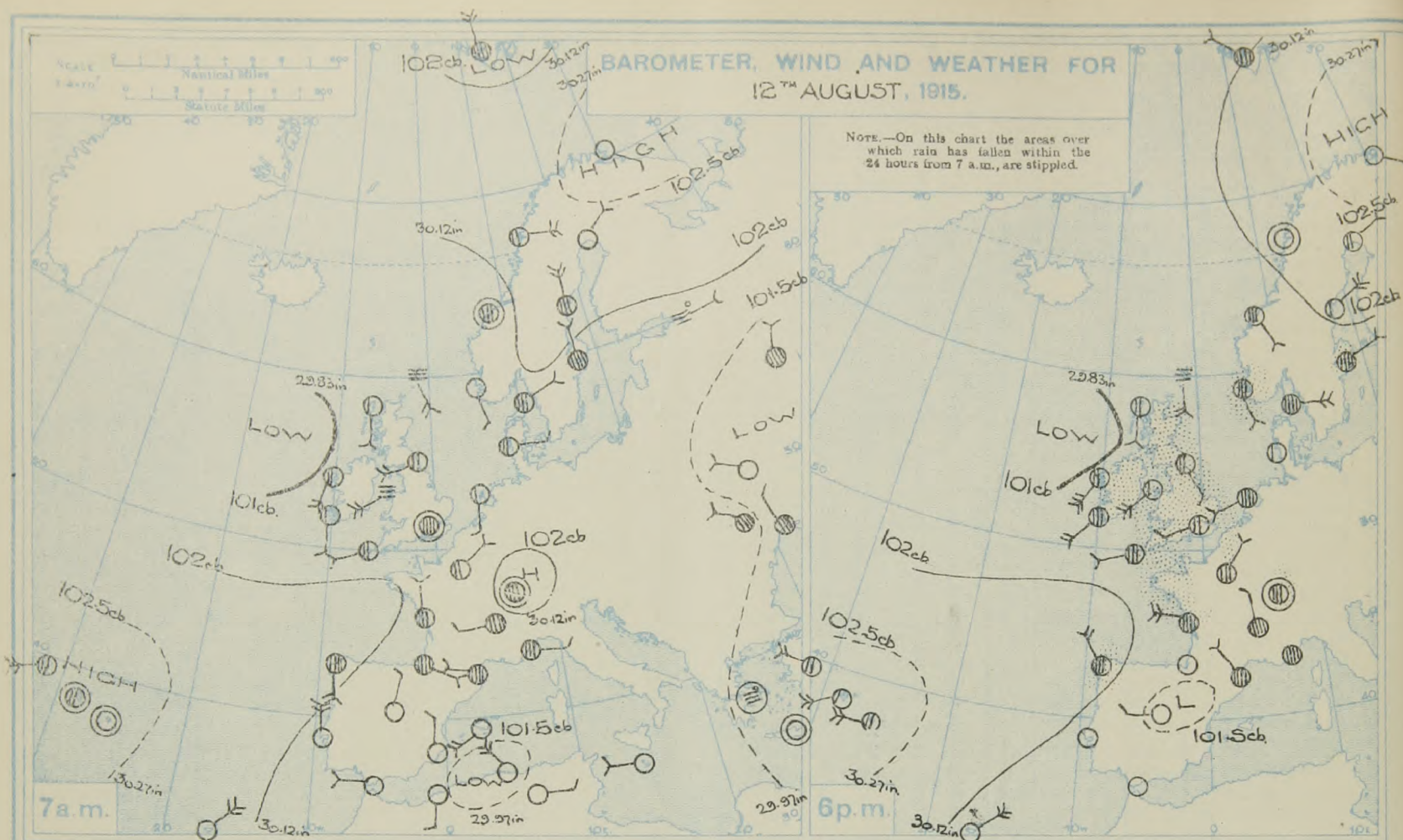
RAINFALL.			
Equivalents of Millimetres. in Inches.			
mm.	Inches.	mm.	Inches.
1	0.04	28	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59		

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

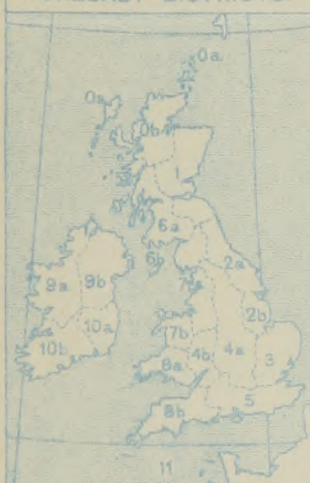
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

No Warnings Issued.

Western Channel and Bay 11

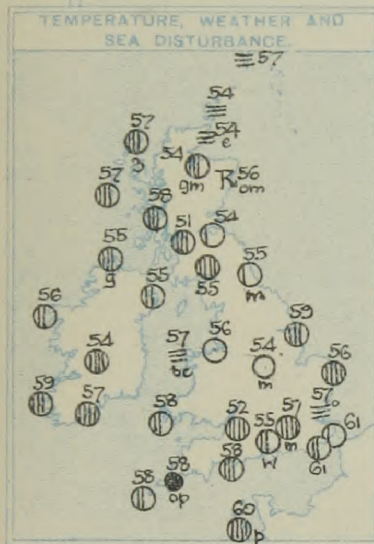
- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | Variable or light Easterly breezes; changeable, local thunder showers; cool.  |
| 1  | b |   |   |
| 2  | a | } | Light Westerly and South-Westerly winds; cool   |
| 3  | b |   |   |
| 4  | a | } | and rather changeable, local thunder showers.   |
| 5  | b |   |   |
| 6  | a | } | Light breezes, chiefly Southerly; cool; changeable, local thunder showers.  |
| 7  | b |   |   |
| 8  | a | } | Same as Nos 2 to 5.   |
| 9  | b |   |   |
| 10 | a | } | Light or moderate South-Westerly winds; cool; changeable, some showers.   |
| 11 | b |   |   |
| {  |   |   | Light breezes, chiefly from the Westward or South-Westward, with a slight sea; mostly fair but local thunder showers; cool. |

FURTHER OUTLOOK.



# GENERAL INFERENCE.

Slight irregularities in pressure, which prevail over various parts of Great Britain and the North Sea, will probably occasion a continuance of rather changeable weather, thunder showers in places.



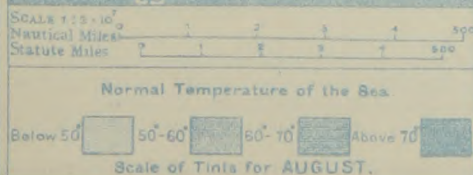
## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 clear sky. sky 1/4 clouded. sky 1/2 clouded.  
 sky 3/4 clouded. overcast sky. rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡° mist. T, thunder.  
 T, thunderstorm.  
**SEA DISTURBANCE.**—Rough High .

inches  
31

30

29





# DAILY WEATHER REPORT.

Friday, 13<sup>th</sup> August, 1915.

## REPORTS FOR YESTERDAY.

12<sup>th</sup> August.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Direc.	Force 0-12.							
Petrograd	1017.2	66	E	2	m	1019.3	+1	61	+2	E	2	E	m	*	-	72	55	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
	mm. &	° F.	° F.			Hr.		mm. &	° F.	° F.			Hr.	
Scotland.	{ Oban ... ..	5	67	48	b	b	10.0	{ Tunbridge Wells ... ..	-	69	58	2.0 c	2.0 c	2.4
	{ Banff ... ..	3	64	52	c. b	tlr. bc	5.0	{ Margate ... ..	7	69	58	c	c. r	2.1
	{ Carnoustie ... ..	3	67	50	bc. c	c. b. tlr	6.7	{ Ramsgate ... ..	-	67	57	3	3.0 c	2.0
	{ St. Andrews ... ..	1	70	52	*	*	5.9	{ Hastings ... ..	-	65	58	c. o	bc	2.0
Eng. N.E.	{ Harrogate ... ..	-	69	52	b	bc. c. bc	8.0	{ Bexhill-on-Sea ... ..	trace	65	59	bc. o. c	c	3.2
	{ Skegness ... ..	2	68	55	b. bc	clr. m	7.3	{ Eastbourne ... ..	-	65	59	o. bc	m	1.1
Eng. N.W.	{ Morecambe ... ..	1	66	57	bc. tr	bc. b	7.2	{ Seaford ... ..	trace	65	59	r. c	c	0.9
	{ Blackpool ... ..	-	68	57	bc. c	bc. b	9.0	{ Brighton ... ..	-	66	61	o	o	0.6
	{ Southport ... ..	0.3	66	53	c. o. tlr	c. bc. b	9.5	{ Worthing ... ..	-	68	60	c	bc	1.3
	{ Buxton ... ..	5	66	53	bc. r	bc	7.7	{ Littlehampton ... ..	-	67	60	o. bc	o. bc	4.3
Midlands.	{ Leamington Spa ... ..	1	70	53	bc	bc. pt	7.2	{ Bognor ... ..	-	65	60	cp	bc	5.1
	{ Malvern ... ..	1	68	57	p. bc	p. bc	7.2	{ Southsea ... ..	1	70	60	bc	r. b	6.5
	{ Ross-on-Wye ... ..	1	71	55	bc. c	tlr. c	7.8	{ Bournemouth ... ..	1	67	59	c	c. bc	5.0
	{ Rhyl ... ..	8	66	55	tlr. bc	bc	8.0	{ Weymouth ... ..	-	68	61	o. bc	bc	3.7
Wales.	{ Colwyn Bay ... ..	10	67	55	tlr. bc	bc	6.6	{ Torquay ... ..	1	71	60	o. bc	bc. c. o	5.7
	{ Llandudno ... ..	7	68	56	o. r	b	7.0	{ Paignton ... ..	-	68	58	bc	c. bc	8.0
	{ Aberystwyth ... ..	1	65	56	tlr. c	c. b	10.0	{ Falmouth ... ..	3	70	58	bc	bc	7.2
	{ Tenby ... ..	1	67	57	b	b	10.3	{ Penzance ... ..	5	63	55	o. b	o. b	7.0
England, E.	{ Cromer ... ..	18	70	56	cm	c. dr. o	3.4	{ Ilfracombe ... ..	-	65	59	bc. b	bc. b	9.0
	{ Lowestoft ... ..	2	69	57	bc. cl	o. pt	3.5	{ Weston-super-Mare ... ..	1	68	56	bc	p. bc	4.3
	{ Felixstowe ... ..	1	69	59	bc. m	cp	2.0							
	{ Walton-on-Naze ... ..	2	66	58	bc. cp	c. o	1.8							
	{ Southend-on-Sea ... ..	3	71	60	o. cl	r. c. r. o	2.3							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obsy.) ...	% 61	% 64	Hr. 3.7	° F. 74	° F. 53	° F. 46	mm. \$ 1	c c	o. h. l c. bc	c. bc
City (Bunhill Row) ...	% *	% *	2.7	% *	% *	% *	% *	% *	% *	% *
Westminster (St. James's Pk.)	94	75	2.0	70	54	54	5	bc rdl	r. lla	bc
Camden Sq. (Brit. Rainfall)	96	63	2.3	73	53	52	7	o	tlr c	*
Hampstead (Reservoir) ...	*	71	3.0	68	51	46	18	o. h. l	tlr m	bc
Richmond Park ...	*	*	2.9							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	94	65	2.1	1104 Joules		Average Rate. 20.8 Milliwatts.		Max. Rate. 79 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. §	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.								
Darwen to 9 p.m.	17	65	52	47	o. r	o. bc. pt	bc. dr	4.3
Manchester "								
Birmingham "	2	69	55	48		c	c. dr	6.2
Oxford to 8 p.m.	*							*
Teignmouth to 9 "	2	71	59	56	o. r	bc. cp	bc. c	5.3
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	9	70	59	56	c. o	o. dr.	c. bc	

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

	Sunrise.	Noon.	Sunset.
13 <sup>th</sup> 14 <sup>th</sup> August 1915.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.34	11.58	7.22
Greenwich ...	4.36	11.58	7.20
Wick ...	4.44	12.5	7.26
Valencia ...	4.31	12.17	8.8

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 70° or a trifle above it in many parts of England. The amount of bright sunshine was fairly large in the west, but small, or very moderate, elsewhere. Thunderstorms occurred in many parts of the country.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 226

Saturday

14th August 1915.

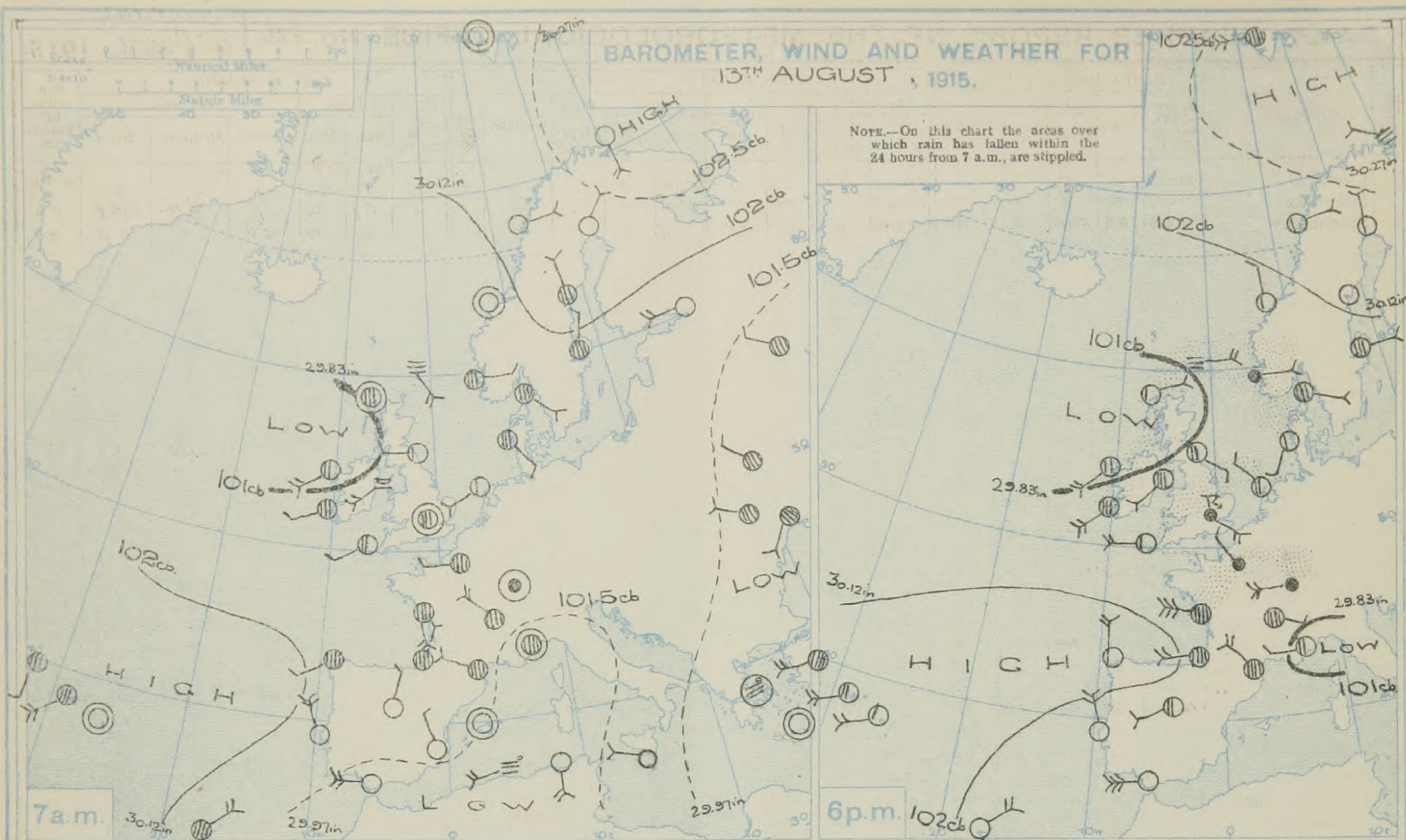
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										LAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. Dry Bulb. °F.	Change in 24 hours.	WIND.		Dirce. of Upper Cloud.	Weather.	Sea 0-4.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dirce.	Force 0-12.						Dirce.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1012.6	57	E	3	2	1010.5	-2	57	0	ESE	3	-	0	3	10	59	54	0	0	0	Hours.
	Deerness	1010.8	55	E	3	3	1009.5	-1	55	+1	SE	1	-	0	1	1	57	54	0	0	0	00
	Stornoway	1009.5	62	ESE	2	3	1009.0	0	55	-2	NE	1	-	0	1	-	66	51	0	0	0	98
	Castlebay (Barra Isd.)	1008.7	59	ESE	3	C	1008.2	0	57	0	ESE	3	-	0	3	-	60	55	0	0	0	62
	Glasgow	1009.4	63	SW	2	C	1009.6	0	55	+4	ESE	1	2	0	3	5	67	51	0	0	0	63
	Eskdalemuir	1009.8	61	SW	4	3	1010.2	0	54	-1	SSW	3	-	0	3	6	64	50	0	0	0	71
	Malin Head	1008.3	59	S	1	C	1007.7	0	55	0	S	2	S	0	2	2	62	52	0	0	0	21
	Blacksod Point	1008.9	59	SW	3	3	1007.7	+1	56	0	WSW	4	NW	0	3	3	62	53	0	0	0	21
	Valencia	1012.3	61	SW	4	C	1012.5	0	59	0	WSW	3	W	0	4	2	64	57	0	0	0	21
	Roche's Point	1012.6	62	W	3	C	1013.3	0	57	0	W	3	W	0	3	18	65	54	0	0	0	24
	Birr Castle	1010.2	60	W	1	C	1010.3	0	56	+2	SW	2	-	0	3	5	63	54	0	0	0	24
	Donaghadee	1008.4	60	SSW	3	3	1008.6	0	55	0	SW	2	SW	0	1	2	64	51	0	0	0	24
	Liverpool (Bidston)	1011.2	61	SSE	1	C	1011.5	0	57	+1	SSW	1	S	0	1	1	66	54	0	0	0	71
	Holyhead	1011.0	58	SW	4	C	1011.1	0	58	+1	SW	4	-	0	3	6	64	56	0	0	0	63
	Pembroke (St. Ann's)	1012.8	60	WSW	3	C	1013.2	0	58	0	WSW	4	SW	0	3	0.2	64	57	0	0	0	63
	Scilly (St. Mary's)	1014.4	62	W	3	C	1015.2	0	57	-1	W	4	W	0	4	-	66	55	0	0	0	127
	Falmouth	1014.2	63	W	2	C	1015.4	+1	58	0	WSW	3	-	0	3	1	65	55	0	0	0	57
	Jersey (St. Aubin)	1014.7	64	NW	3	C	1017.0	0	61	+1	NW	2	SW	0	3	8	65	57	0	0	0	42
	Portland Bill	1013.7	60	WSW	4	C	1014.8	0	60	+2	WSW	4	SW	0	3	-	63	58	0	0	0	4
	Dungeness	1012.5	63	SW	3	C	1014.3	+2	60	-1	WSW	3	SW	0	3	-	64	49	0	0	0	4
	Dover	1012.9	65	SW	2	C	1014.0	0	62	+1	W	3	-	0	2	-	67	52	0	0	0	43
	Wick	1010.5	56	NE	2	M	1009.3	-1	55	+1	-	0	-	0	1	0.1	57	52	0	0	0	58
	Nairn	1008.6	61	E	1	C	1008.9	0	52	-2	-	0	-	0	1	-	65	53	0	0	0	58
	Aberdeen	1009.7	58	ESE	1	C	1009.7	0	54	-2	S	1	SE	0	2	-	65	51	0	0	0	58
	Leith	1008.9	63	SW	1	C	1009.8	0	56	+2	-	0	S	0	3	3	65	51	0	0	0	58
	Tynemouth	1010.3	60	SE	1	C	1010.5	0	56	+1	WSW	2	-	0	2	2	67	52	0	0	0	58
	Spurn Head	1011.1	66	S	3	C	1012.0	0	57	-2	W	2	-	0	3	-	68	55	0	0	0	58
Yarmouth	1011.8	61	SE	3	M	1012.4	+1	56	0	NW	1	-	0	1	12	65	53	0	0	0	58	
Clacton-on-Sea	1012.0	65	W	1	C	1013.4	+1	57	0	WNW	2	-	0	1	-	67	52	0	0	0	58	
Nottingham	1011.3	65	WSW	2	C	1012.5	0	53	-1	SW	1	SW	0	3	-	72	50	0	0	0	58	
Bath	1012.6	67	W	1	C	1013.9	0	57	+5	W	1	SW	0	4	4	70	52	0	0	0	58	
St. Farnborough	1011.8	66	SW	3	C	1013.8	+1	57	+2	W	2	W	0	3	-	69	49	0	0	0	58	
London (Kew Obsy.)	1012.5	55	SE	3	C	1014.2	+2	57	0	SW	2	-	0	3	26	72	53	0	0	0	58	
NORTHERN EUROPE.	Spitsbergen	1026.6	37	WSW	4	C	1025.9	0	39	0	S	4	-	0	3	39	34	0	0	0	58	
	Vardø	1026.4	48	NW	2	C	1027.1	0	48	-7	N	1	-	0	3	55	45	0	0	0	58	
	Bodø	1021.3	68	E	2	C	1020.7	0	61	-3	E	4	E	0	2	-	70	55	0	0	0	58
	Christiansund	1016.7	64	N	1	C	1014.6	0	63	+4	SE	1	-	0	2	-	64	57	0	0	0	58
	Skudesnaes	1013.5	63	E	2	C	1012.4	+1	61	-2	ESE	1	-	0	2	7	70	57	0	0	0	58
	Færder (Xianla Fjord)	1016.3	64	-	0	C	1016.2	0	61	+2	E	2	-	0	1	Trace	64	59	0	0	0	58
	The Scaw (Skagen)	1015.5	64	ESE	2	C	1014.7	0	64	+1	ESE	2	E	0	2	-	66	63	0	0	0	58
	Blaavands Huk	1012.6	66	SSW	1	C	1010.9	-1	57	-4	E	1	-	0	1	17	70	55	0	0	0	58
	Haparanda	1022.6	63	N	2	C	1022.0	0	59	0	NNE	2	-	0	3	-	73	50	0	0	0	58
	Hernösand	1020.8	61	-	0	C	1020.2	0	57	-2	NNE	2	-	0	3	Trace	63	52	0	0	0	58
	Stockholm	1017.3	63	E	2	C	1016.3	0	64	+3	NNE	2	-	0	3	-	68	55	0	0	0	58
	Wisby	1017.1	64	ESE	2	C	1015.8	-2	68	+7	SE	2	-	0	3	-	72	54	0	0	0	58
	Karlstad	1017.2	66	E	2	C	1017.6	0	59	0	E	2	-	0	3	-	70	52	0	0	0	58
	Petrograd (6 a.m. G.M.T.)	1011.5	63	NW	1	C	1011.1	0	63	0	NW	2	-	0	1	2	68	61	0	0	0	58
FRANCE, &c.	The Helder	1012.7	62	SW	4	C	1014.1	+2	60	0	W	4	-	0	3	-	63	57	0	0	0	58
	C. Gris Nez	1012.3	63	NW	2	C	1016.8	0	59	3	NW	3	-	0	4	-	66	54	0	0	0	58
	La Hève	1016.6	63	NNW	3	C	1018.3	0	61	+4	NNW	3	-	0	3	-	72	55	0	0	0	58
	Ushant	1017.5	63	NW	2	C	1018.7	+1	59	-1	W	3	-	0	3	-	72	57	0	0	0	58
	Brest (St. Mathieu)	1013.6	67	NNW	6	C	1019.0	+3	62	-5	NNE	3	-	0	3	3	70	59	0	0	0	58
	Rochefort (Ile d'Aix)	1018.0	68	NNW	3	C	1019.3	+1	66	+2	N	2	-	0	2	-	75	63	0	0	0	58
	Biarritz	1012.3	61	SW	1	C	1016.7	+2	57	-7	N	1	-	0	3	2	72	52	0	0	0	58
	Paris	1015.3	59	W	4	C	1016.2	0	60	+1	W	2	-	0	3	7	78	56	0	0	0	58
	Belfort	1014.7	68	ESE	1	C	1017.3	0	65	+3	W	2	-	0	3	-	77	60	0	0	0	58
	Lyons	1007.3	77	W	1	C	1009.7	+1	71	-1	E	1	-	0	3	-	84	63	0	0	0	58
	Nice	1014.7	73	NW	2	C	1016.8	+2	70	-2	NW	3	-	0	3	Trace	82	63	0	0	0	58
	Perpignan	1014.7	83	N	3	C	1014.4	0	81	0	W	3	-	0	3	-	89	66	0	0	0	58
	Sanguinaire	1020.6	68	N	3	C	1020.8	+2	59	-9	S	3	W	0	2	-	70	55	0	0	0	58
	SOUTHERN EUROPE.	Corunna (7 a.m.)	1011.5	86	SW	1	C	1015.5	+2	73	0	-	0	-	0	3	-	88	66	0	0	0
Madrid (8 a.m.)		1017.2	75	NNW	4	C	1018.4	+1	66	0	N	3	-	0	5	-	82	64	0	0	0	58
Lisbon (9 a.m.)		1013.9	75	W	6	C	1014.8	0	72	0	E	4	-	0	2	-	85	71	0	0	0	58
Gibraltar		1014.4	0	0	0	C	1014.4	0	81	0	W	3	-	0	1	-	90	75	0	0	0	58
Rome		1012.9	0	0	0	C	1019.3	-1	72	+1	SW	4	-	0	2	1	77	72	0	0	0	58
Malta (8 a.m.)		1018.3	75	NE	3	C	1018.7	0	68	-2	NE	3	-	0	3	-	75	66	0	0	0	58

## RAINFALL.

Equivalents of Millimetres in Inches.

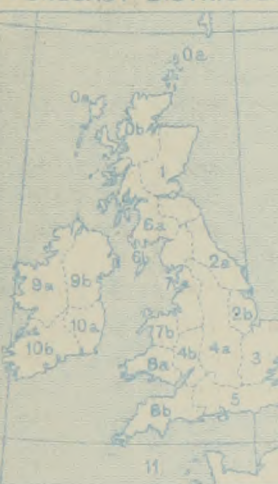
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.36	34	1.34
10	0.40	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.62
17	0.67	42	1.66
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





**FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings  
Issued

Western Channel and Bay 11

- |    |            |   |
|----|------------|---|
| 0  | a }<br>b } | Light variable breezes; cloudy, some rain, misty or foggy on coast; cool.                               |
| 1  | }          | Light breezes, chiefly South-Westerly; cool;  |
| 2  | a }<br>b } | changeable, some showers, thunder locally.  |
| 3  | }          | Light to moderate breezes from the Westward or  |
| 4  | a }<br>b } | South-Westward; cool; changeable, some showers, thunder   |
| 5  | }          | locally.  |
| 6  | a }<br>b } | Light Southerly to South-Westerly breezes; cool; changeable, some showers, thunder locally.             |
| 7  | a }<br>b } | Light to moderate South-Westerly winds; cool; changeable, some showers, thunder locally.                |
| 8  | a }<br>b } | Same as Nos 3 to 5.   |
| 9  | a }<br>b } |   |
| 10 | a }<br>b } | Light breezes from between West and North, with a slight sea; mostly fair but some local showers; cool. |
| 11 | a }<br>b } |   |

**FURTHER OUTLOOK.**

Millibars

1050

1040

1030

1020

1010

1000

990

980

970

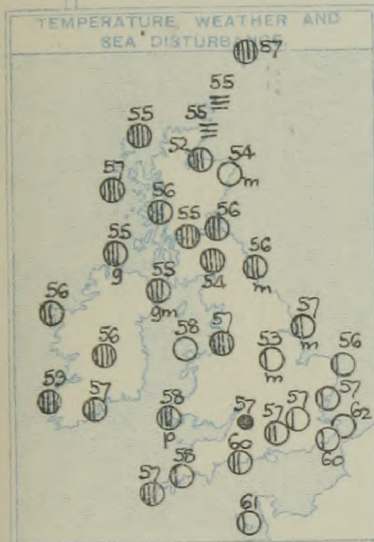


# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 14<sup>TH</sup>

AUGUST, 1915.

## GENERAL INFERENCE.

The depression in the north and northwest will maintain its position. Small secondaries will continue to pass across various parts of Western Europe.



## EXPLANATION.

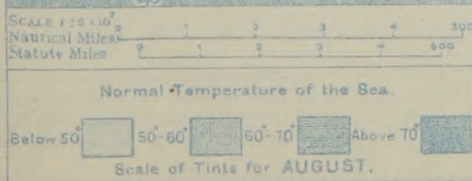
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 Ts, thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~ High ~~~.





## DAILY WEATHER REPORT.

Saturday, 14<sup>th</sup> August, 1915.

## REPORTS

FOR  
YESTERDAY.13<sup>th</sup> August.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall, Milli- metres.	TEMP.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
Petrograd	1019.0	66	NE	2	b	1019.3	0	61	0	NE	3	-	b	2	-	75	55
Biarritz	1018.1	69	E	2	o	1016.8	-1	64	-2	NNE	2	*	o	2	-	91	63
Lisbon	1018.6	72	NNW	6	b	1019.3	+2	66	+2	NNW	4	-	b	5	-	77	64
Gibraltar	1014.9	79	W	6	b	1014.5	*	72	0	W	4	*	b	2	-	86	71
Malta	*	*	*	*	*	1015.5	+1	81	+2	WNW	2	-	b	1	-	90	73
Horta						1023.7	0	71	+1	SW	4	*	c	2	-	77	70

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				Tunbridge Wells ...		° F.	° F.			
Oban ...	-	67	51	c	b, bc	7.0	Margate ...	-	69	52	bc, c, b	c, bc	4.4
Banff ...	-	66	50	c, bc	bc	6.5	Ramsgate ...	-	67	56	b	o	5.2
Carnoustie ...	-	63	47	b	bc	8.6	Hastings ...	-	68	55	bc	z	4.1
St. Andrews ...	2	61	46	*	*	4.6	Bexhill-on-Sea ...	-	66	57	bc, o	o, bc	2.6
England, N.E.							Eastbourne ...	-	65	58	bc, c	c	2.9
Harrogate ...	-	69	49	b	b, bc	10.1	Seaford ...	-	64	58	bc	o, bc	1.1
Skegness ...	0.1	67	55	b, bc	bcu	8.3	Brighton ...	-	64	58	o, c	o, c, bc	1.2
England, N.W.							Worthing ...	-	66	55	c	c	2.3
Morecambe ...	-	66	53	b	b	12.0	Littlehampton ...	-	67	54	c	bc	4.6
Blackpool ...	-	67	49	bc, b	b	10.5	Bognor ...	-	65	60	o	bc	3.9
Southport ...	-	66	49	c, bc	o, c, bc	9.0	Southsea ...	0.1	65	54	c	c	3.8
Midlands.							Bournemouth ...	-	69	55	o	bc	5.7
Buxton ...	1	65	43	bc	bc, pt	10.2	Weymouth ...	2	70	51	bc, b	b, bc, c, z	7.7
Leamington Spa ...	2	69	51	bc	bc	10.3	Torquay ...	3	68	55	op, c, bc	bc, b	7.3
Malvern ...	-	70	46	bc, bc	tr, bc	6.6	Paignton ...	-	65	56	bc	bc, p	4.6
Ross-on-Wye ...	-	70	46	bc, bc	tr, bc	6.6	Falmouth ...	3	65	56	bc	bc	11.0
Wales.							Penzance ...	6	69	57	r, bc	bc	9.5
Rhyl ...	7	65	48	cp, bc	bc, r, bc	7.5	Newquay ...	1	65	55	c, bc	bc	12.0
Colwyn Bay ...	5	63	51	bc, p	bc, p	3.6	Ilfracombe ...	1	64	55	b	b	10.0
Llandudno ...	-	63	50	bc, p	bc, p	6.7	Weston-super-Mare ...	-	68	52	b	b, bc, b	10.0
Aberystwyth ...	-	65	55	o, c	c, bc	7.0							
Tenby ...	3	66	50	b	b	9.5							
England, E.													
Cromer ...	-	64	53	bc, c, bc	ot, bc	5.2							
Lowestoft ...	12	69	55	c, opt, l	opt, l	2.8							
Felixstowe ...	1	67	57	c	c	2.8							
Walton-on-Naze ...	1	66	55	c, bc	c	3.0							
Southend-on-Sea ...	1	71	57	r, o, bc	bc, c	4.9							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	%	%	Hr.	° F.	° F.	° F.	mm.	\$		
City (Bunhill Row) ...	53	79	6.5	73	52	47	1	c.	c.o.	ot, bc
Westminster (St. James's Pk.)	*	*	6.4	*	*	*	*	*	*	*
Camden Sq. (Brit. Rainfall)	62	83	6.1	69	52	52	1	bc	bc, r	bcu
Hampstead (Reservoir) ...	54	83	5.6	73	51	50	1	c. bc	bc, r	*
Richmond Park	*	83	5.7	68	50	42	3	bc, op, bc	bc	o
Kew. (See front page.)	*	*								
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)				55		78		6.5		
				1494		Joules		282		Milliwatts.
								73		Milliwatts.

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

14 <sup>th</sup> 15 <sup>th</sup> Aug. 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.36	11.59	7.29
Greenwich ...	4.37	11.57	7.19
Wick ...	4.46	12.5	7.24
Valencia ...	4.47	12.4	7.22
	4.34	12.17	8.0
	4.36	12.16	7.58
	5.25	12.44	8.8
	5.26	12.45	8.6

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded;  
c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail;  
l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder;  
u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.		After- noon.	
Dublin to 4 p.m.	mm.†	° F.	° F.	° F.		
Darwen to 9 p.m.	4	66	54	50	bc	bc
Manchester "	5	65	49	45	bcu	bc, pt
Birmingham "	-	69	50	48	bc	c
Oxford to 8 p.m.	-					
Teignmouth to 9 "	4	40	54	51	c, r	c, bc, p
Plymouth "	-					
S. Kensington (Museum Grounds to 6 p.m.)	0.2	71	54	50	bc	bc

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° in most districts and reached 72° at Kew and Nottingham. Thunderstorms were again experienced locally; at Kew the accompanying rainfall amounted to 26 mm. The amount of bright sunshine varied considerably in different localities.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 227. 15<sup>th</sup> August, 1913.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.				Dry Bulb. °F.	Change in 24 hours. °F.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1013.0	59	SE	3	f	1015.4	0	56	-1	0	-	f	0	1	61	55	0	c. f	f	Hours.	
	Deerness	1011.8	55	ESE	3	om	1014.2	0	55	0	E	1	-	m	1	58	54	f. m	bc. f. m	om	2.5	
	Stornoway	1011.2	60	NNW	1	bc	1013.7	+2	58	+3	NE	2	-	cy	2	65	54	0. c	bc	cy	3.2	
	Castlebay (Barra Isd.)	1010.6	60	NW	3	bc	1013.4	+2	57	0	NW	3	-	om	3	62	56	0. c	c. o. bc	bc. om	3.6	
	Glasgow	1010.0	59	SSW	1	c	1012.9	+2	53	-2	-	0	N	0	1	65	52	cy ptl	op. ctc	op. ctc	2.0	
	Eskdalemuir	1010.4	58	SW	2	bc	1012.3	+1	52	-2	N	1	N	c	8	61	49	opt. or	0. c bc	b. bc. c	4.0	
	Malin Head	1009.8	56	NNE	3	c	1014.2	+2	57	+2	NE	2	-	0	3	58	54	omg.	cp	omg.	0.3	
	Blacksod Point	1011.6	58	NNW	4	bc	1016.7	+3	56	0	NNW	3	N	cy b	3	61	53	bcp	bcp	cp	0.3	
	Valencia	1015.0	61	W	4	c	1017.9	+1	57	-2	NW	2	NW	bc	4	63	56	cp	cp	c	5.3	
	Roche's Point	1013.6	63	W	3	c	1017.0	0	56	-1	WNW	2	NW	b	2	7	64	54	c. op	cp	c. b	0.0
	Birr Castle	1011.7	58	W	1	0	1015.3	0	54	-2	NW	1	N	c	2	63	51	cp	cp br	cp	0.0	
	Donaghadee	1008.0	59	SSW	3	omg	1012.5	+4	54	-1	NNW	2	-	omg	2	64	53	omg ptl	omg	omg	0.0	
	Liverpool (Bidston)	1010.8	62	W	1	b	1011.3	0	55	-2	WSW	1	SW	og	1	64	55	bcp	bc	ohl	4.2	
	Holyhead	1011.3	59	SW	4	cdg	1011.8	+2	54	-1	NW	4	NW	cdg	3	63	55	b. bc. c	bc. c. p	cl. op	6.6	
	Pembroke (St. Ann's)	1013.4	66	WSW	5	c	1013.5	+2	57	-1	NW	4	NW	bcg	4	61	56	cp	bc	bcg	9.2	
	Scilly (St. Mary's)	1016.4	60	W	5	c	1016.4	0	57	0	WNW	3	-	bc	4	64	55	cy b	cy. bc	cy. bc	10.1	
	Falmouth	1015.9	62	W	4	b	1015.5	+1	59	+1	WNW	3	-	bc	2	67	56	bcg	bc. b	bc. b	10.7	
	Jersey (St. Aubin)	1018.0	64	W	3	b	1016.7	0	59	-2	W	3	W	op	3	66	58	b	b	b. op	12.3	
	Portland Bill	1014.6	60	WSW	5	bc	1013.8	-1	60	0	W	4	W	c	4	64	57	bc	bc	cp. bc	0.0	
	Dungeness	1015.1	62	SW	4	c	1013.8	0	60	0	SW	2	SW	bc	2	67	57	b. bc	bc. c	c. bc	0.0	
	Dover	1018.1	62	SW	3	bc	1013.2	0	60	-2	WSW	2	-	bc	3	66	54	b	b. c. bc	c. bc	10.7	
	Wick	1011.3	55	E	1	f	1013.8	+2	54	-1	NE	1	-	f	1	62	59	f. bc. f	f	f	0.0	
	Nairn	1010.1	58	-	0	cpd	1013.2	0	54	+2	-	0	-	ogm	0	65	49	bc. c	bc. c	bc. c	2.5	
	Aberdeen	1010.8	60	SSE	2	b	1013.0	+1	53	-1	NW	2	NE	c	1	64	51	bm. c. b	b	bc. m. m	8.6	
	Leith	1010.1	62	WSW	2	c	1012.6	+2	56	0	W	1	-	0	8	64	51	occl. r	roc	b. bc	0.0	
	Tynemouth	1010.3	61	NE	1	bcu	1010.8	0	55	-1	NNW	2	N	om	2	62	51	omg	bcu	omg	0.0	
	Spurn Head	1012.4	63	WSW	1	bc	1012.1	-2	59	+2	W	3	-	bcu	3	68	54	bc	bc. br	bc	0.7	
Yarmouth	1013.1	60	N	2	bc	1011.0	0	55	-1	NNW	3	W	bcu	2	71	52	b. bc	bc. br	bc	10.9		
Clacton-on-Sea	1018.8	63	SW	3	0	1012.7	0	58	+1	W	2	NW	c	2	70	58	b. bc	bc. c	c. bc. c	9.9		
Nottingham	1012.1	62	W	1	0	1011.5	0	55	+2	W	1	SW	om	0	70	52	bcp	cp	cp. b	8.7		
Bath	1014.1	63	W	1	bc	1013.9	0	58	+1	SW	1	S	0	18	68	55	ore. bc	bc. bc	cp. br	26.8		
Stb Farnborough	1013.9	61	SW	2	bc	1012.6	-1	57	0	-	0	-	0	5	70	52	bc	bc. bc	bc. bc	8.5		
London (Kew Obsy.)	1013.8	64	SW	3	c	1012.9	0	58	+1	SW	2	W	c	0.4	69	54	bc	bc. c. c	c. p. bc	9.7		
NORTHERN EUROPE.	Spitsbergen	1024.6	37	S	2	c	1020.7	-1	39	0	SW	6	-	c	0	39	34	-	-	-	-	
	Vardö	1026.4	48	SSE	2	b	1025.5	-2	48	0	SSE	5	-	b	3	52	45	-	-	-	-	
	Bodö	1019.8	64	E	2	b	1019.3	0	63	+2	E	2	E	b	2	68	57	-	-	-	-	
	Christiansund	1016.4	66	-	0	0	1016.6	0	68	0	-	0	-	0	1	68	59	-	-	-	-	
	Skudesnaes	1013.9	61	-	0	c	1013.2	0	63	+2	E	1	-	0	2	64	57	-	-	-	-	
	Færder (X'ania Fjord)	1015.1	64	N	2	bc	1015.7	+1	59	-2	NE	2	SE	c	1	Trace	64	59	-	-	-	-
	The Scaw (Skagen)	1013.6	64	NE	2	c	1013.2	0	64	0	E	3	-	bc	3	70	63	-	-	-	-	
	Blaavands Huk	1010.9	59	NNE	2	r	1008.6	0	59	+2	E	2	-	0	3	15	64	55	-	-	-	-
	Haparanda	1020.2	61	N	2	c	1020.6	-	50	-9	N	4	-	0	0	70	43	-	-	-	-	
	Hernösand	1018.9	63	-	0	b	1017.7	0	55	-2	NNW	2	-	c	0	66	50	-	-	-	-	
FRANCE, &c.	Stockholm	1015.1	64	E	2	c	1012.8	0	57	-7	NE	4	-	0	0	72	54	-	-	-	-	
	Wisby	1014.3	63	ENE	2	b	1010.9	-3	59	-9	N	4	-	0	4	72	54	-	-	-	-	
	Karlstad	1015.5	70	-	0	b	1015.8	0	61	+2	N	4	-	b	0	73	54	-	-	-	-	
	Petrograd (5 a.m. G.M.T.)	1011.0	52	NNE	3	0	1010.9	-1	52	+4	E	2	-	0	3	55	48	-	-	-	-	
	The Helder	1012.4	64	W	3	b	1010.7	0	63	0	WSW	2	-	c	1	66	61	-	-	-	-	
	C. Gris Nez	1015.0	62	SW	4	b	1013.7	+1	59	-1	W	4	-	0	3	63	57	-	-	-	-	
	La Hève	1015.9	66	WNW	4	c	1016.3	0	59	0	WSW	4	-	c	3	72	55	-	-	-	-	
	Ushant	1019.4	62	NW	4	c	1018.3	0	61	0	NW	5	-	0	3	68	55	-	-	-	-	
	Brest (St. Mathieu)	1017.5	66	NW	3	bc	1018.9	0	61	+2	WNW	4	-	c	2	70	59	-	-	-	-	
	Rochefort (Ile d'Aix)	1019.7	66	NW	4	b	1019.9	+2	63	+1	SE	2	-	c	0	73	59	-	-	-	-	
SOUTHERN EUROPE.	Biarritz	1019.7	71	N	2	bc	1020.0	0	62	-4	S	2	-	c	2	75	61	-	-	-	-	
	Paris	1017.2	61	N	1	bc	1017.3	+1	59	+1	SW	2	-	bc	0	72	55	-	-	-	-	
	Belfort	1017.1	70	NW	3	b	1018.9	0	61	-4	NNW	1	-	bc	0	77	54	-	-	-	-	
	Lyons	1017.1	70	NW	3	b	1018.9	0	61	-4	NNW	1	-	bc	0	77	54	-	-	-	-	
	Nice	1009.0	73	-	0	b	1012.2	+1	72	+1	-	0	-	b	2	79	63	-	-	-	-	
	Perpignan	1017.2	72	W	3	0	1018.3	+2	70	0	NW	2	-	b	0	82	61	-	-	-	-	
	Sanguinaire	1017.2	72	W	3	0	1018.3	+2	70	0	NW	2	-	b	0	82	61	-	-	-	-	
	Corunna (7 a.m.)	1020.8	70	NNE	4	0	1020.3	0	66	+7	NE	4	-	b	3	72	59	-	-	-	-	
	Madrid (8 a.m.)	1012.2	88	WNW	3	b	1016.0	+2	73	0	-	0	-	b	0	90	66	-	-	-	-	
	Lisbon (9 a.m.)	1015.8	77	SW	5	b	1016.7	+1	68	+2	NNW	5	-	b	2	82	60	-	-	-	-	
Gibraltar	1012.0	75	SE	1	b	1012.6	+1	72	-	-	0	-	b	0	86	64	-	-	-	-		
Rome	1012.0	75	SE	1	b	1013.6	+2	81	0	NW	1	-	b	1	90	75	-	-	-	-		
Malta (8 a.m.)	1012.0	75	SE	1	b	1013.6	+2	81	0	NW	1	-	b	1	90	75	-	-	-	-		
Azores (Horta, 8 a.m.)	1019.0	75	WSW	5	r	1017.6	0	68	-4	-	0	-	bc	2	18	77	68	-	-	-	-	
Madeira (Funchal)	1017.7	75	NE	3	b	1018.1	0	68	0	ENE	3	-	b	3	77	68	-	-	-	-		

### RAINFALL.

Equivalents of Millimetres.  
in inches.

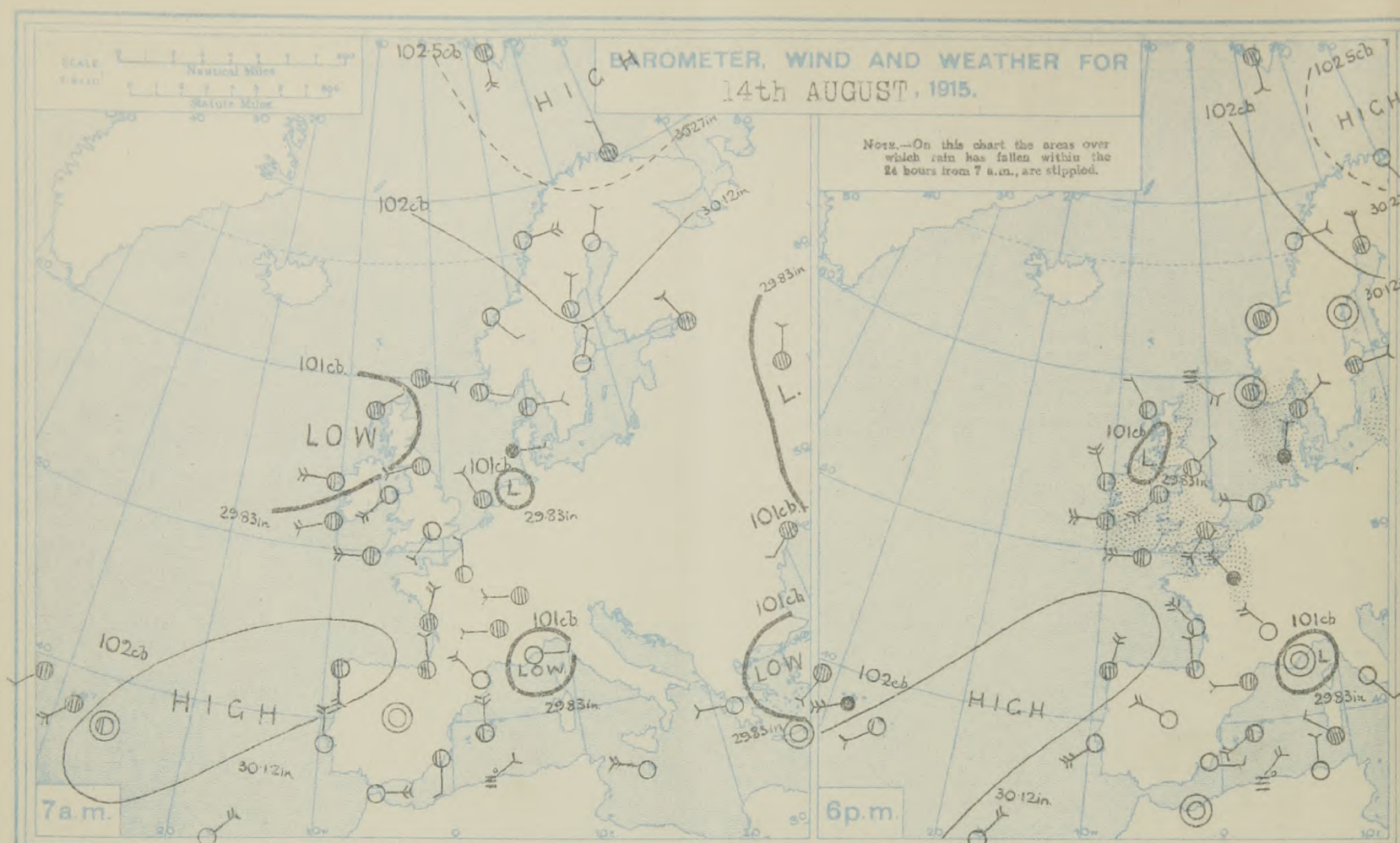
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5			

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

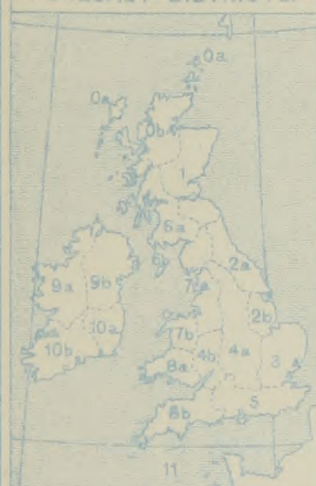
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





**FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

No Warnings Issued.

Western Channel and Bay 11

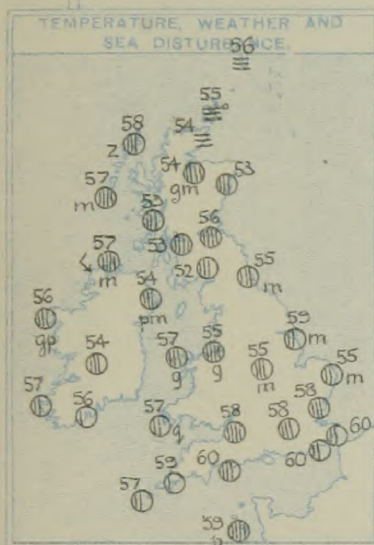
- |    |            |  |
|----|------------|--|
| 0  | a }<br>b } | Light breezes, chiefly North-Easterly; fog clearing, weather mostly fair; remaining cool.                            |
| 1  | a }<br>b } | Light breezes from North or North-West; fair generally, but slight showers locally; remaining cool.                  |
| 2  | a }<br>b } |  |
| 3  | a }<br>b } |  |
| 4  | a }<br>b } | Light Westerly to North-Westerly breezes; some showers to-day, thunder locally, improving to-morrow; remaining cool. |
| 5  | a }<br>b } |  |
| 6  | a }<br>b } | Same as Nos. 1 and 2.  |
| 7  | a }<br>b } | Light or moderate North-Westerly breezes; fair generally, but slight showers locally; remaining cool.                |
| 8  | a }<br>b } |  |
| 9  | a }<br>b } | Light Northerly or North-Westerly breezes; fair generally; cool at first, warmer later.                              |
| 10 | a }<br>b } |  |
| 11 | a }<br>b } | Light or moderate breezes from North-West veering to North-East with a moderate sea; fair; cool.                     |

**FURTHER OUTLOOK.**



GENERAL INFERENCE.

The large shallow depression over the North Sea will continue to move Eastward, and the wind over England will shift to the North-Westward. A gradual improvement in the weather is likely to take place over the United Kingdom.



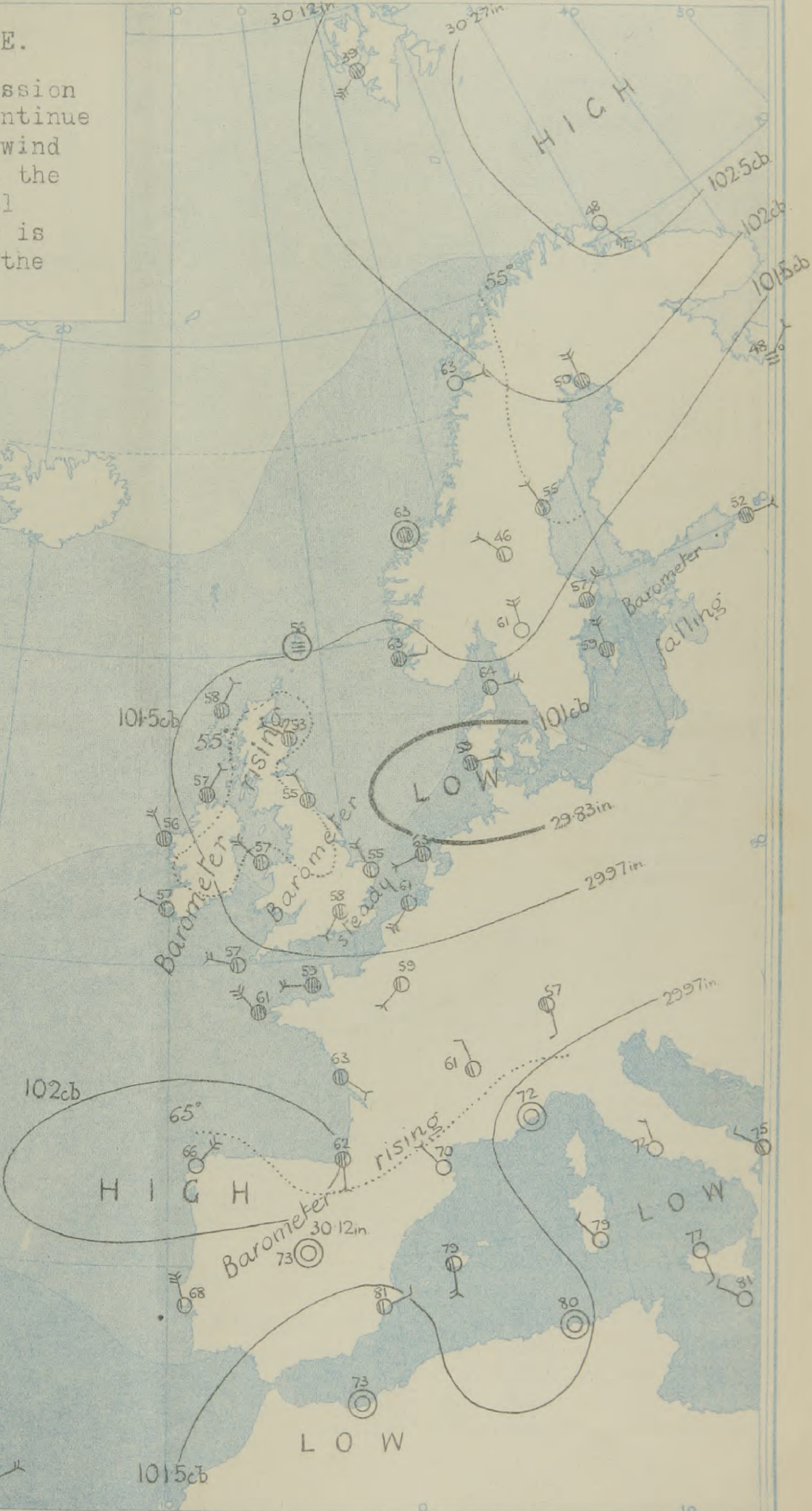
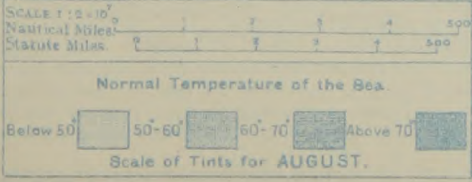
EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-14, is indicated by the number of feathers. Calm.  
**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky & clouded. ○ sky & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ○ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.  
**SEA DISTURBANCE.**—Rough wavy. High wavy.

Inches  
31

30

29





## DAILY WEATHER REPORT.

Sunday, 15<sup>th</sup> August 1915.

REPORTS  FOR  YESTERDAY.   <i>16<sup>th</sup> August</i>	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.			BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-0.	Rain- fall. Milli- metres.	TEMP.	
				Direc.	Force 0-12.	Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Direc.	Force 0-12.					Max.	Min.
Petrograd	1016.2	59	N	3	0	1018.6	-2	4.8		NNW	2		0	*	1	66	48	

14<sup>th</sup> August

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
Scotland.		mm. & .	° F.	° F.		Hr.		mm. & .	° F.	° F.		Hr.		
	{ Oban ... ..	3	63	51	c	bc	0.5	{ Tunbridge Wells ... ..	-	70	50	bc bc	bc bc	9.4
	{ Banff ... ..	-	67	48	bc bc	bc bc	9.4	{ Margate ... ..	2	68	54	bc	bc bc	7.8
	{ Carnoustie ... ..	-	63	49	bc bc	bc	5.0	{ Ramsgate ... ..	-	70	51	bc bc	bc bc	7.4
Engl. N.E.	{ St. Andrews ... ..	-			*		{ Hastings ... ..	-	68	53	bc	bc	12.1	
	{ Harrogate ... ..	1	65	51	bc bc	bc bc	5.2	{ Bexhill-on-Sea ... ..	-	67	52	bc	bc	10.9
	{ Skegness ... ..	8	69	51	bc bc	bc bc	10.1	{ Eastbourne ... ..	-	65	53	bc	bc	12.0
	Engl. N.W.	{ Morecambe ... ..	1	67	56	bc bc	bc bc	8.8	{ Seaford ... ..	-	65	50	bc	bc
{ Blackpool ... ..		1	67	56	bc bc	bc bc	8.8	{ Brighton ... ..	-	67	53	bc	bc bc	11.7
{ Southport ... ..		1	66	54	bc bc	bc bc	9.0	{ Worthing ... ..	-	68	50	bc	bc	11.3
Midlands.		{ Buxton ... ..	2	64	49	bc bc	bc bc	5.9	{ Littlehampton ... ..	-	70	51	bc	bc
	{ Leamington Spa ... ..	0.5	67	49	bc	bc bc	7.0	{ Bognor ... ..	-	67	52	bc	bc	10.8
	{ Malvern ... ..							{ Southsea ... ..	-	68	52	bc bc	bc	10.0
	{ Ross-on-Wye ... ..	2	68	47	bc bc	bc bc	4.7	{ Bournemouth ... ..	-	68	52	bc bc	bc	10.0
Wales.	{ Rhyl ... ..	0.1	67	53	bc bc	bc bc	5.5	{ Weymouth ... ..						
	{ Colwyn Bay ... ..							{ Torquay ... ..	2	68	55	bc bc	bc bc	6.7
	{ Llandudno ... ..							{ Paignton ... ..	2	64	52	bc	bc bc	10.7
	{ Aberystwyth ... ..	-	63	58	bc	bc bc	6.0	{ Falmouth ... ..	-	67	55	bc bc	bc bc	10.6
England E.	{ Tenby ... ..	-	66	54	bc	bc bc	9.7	{ Penzance ... ..	-	68	56	bc	bc	10.9
	{ Cromer ... ..	8.1	67	52	bc bc	bc bc	7.4	{ Newquay ... ..	0.3	65	56	bc	bc bc	10.0
	{ Lowestoft ... ..							{ Ilfracombe ... ..	0.7	65	58	bc bc	bc bc	10.8
	{ Felixstowe ... ..	1	67	58	bc	bc bc	10.3	{ Weston-super-Mare ... ..						
England E.	{ Walton-on-Naze ... ..	-	69	53	bc bc	bc bc	10.4							
	{ Southend-on-Sea ... ..	10	72	54	bc bc	bc bc	9.6							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obsy.) ...	% 55	% 74	Hr. 10.4	° F. 73	° F. 63	° F. 46	mm. 0.3	c. bc	r. bc	c.
City (Bunhill Row) ...	*	*	10.1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	68	89	9.3	70	55	54	0.7	bc	bc	bc
Camden Sq. (Brit. Rainfall)	48	74	8.9	73	54	52	-	bc	bc	*
Hampstead (Reservoir) ...	*	82	10.0	68	51	45	0.3	bc	bc	bc
Richmond Park ...	*	*	8.4							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	67	77	10.2	Total. 1691 Joules		Average Rate. 32.1/Milliwatts.		Max. Rate. 82 Milliwatts.		

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

15 <sup>th</sup> & 16 <sup>th</sup> Aug. 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.37	11.57	7.19
Greenwich ...	4.38	12.4	7.22
Wick ...	4.36	12.16	7.58
Valencia ...	5.26	12.46	8.6

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	min. §	* F.	* F.	* F.				Hr.
Dublin to 4 p.m.	3	63	54	51	bc	cp	p	
Darwen to 9 p.m.	6	64	51	49	bc cl	sup 8	bc cl	2.1
Manchester "	2	68	54	51	bc. com	c c	com	6.4
Birmingham "	2	65	51	45		c	c	6.6
Oxford to 8 p.m.	*	70	51	47	bc	cb	bc cl	
Teignmouth to 9 "	3	69	54	49	bc	bc. xbc	bc	9.0
Plymouth "	0.2	68	56	53	bc	bc	c. bc	10.5
S. Kensington (Museum Grounds to 6 p.m.)	4	72	54	49	bc	bc	c cl	

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° at many of the English stations and touched 72° at Southend-on-Sea. Thunderstorms were again experienced in many parts of the United Kingdom; at Birr Castle the accompanying rainfall amounted to 24 mm.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 228

Monday,  
16<sup>th</sup> August, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 8 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1017.4	58	NE	2	bc	1018.3	0	53	-3	NE	4	-	m	3	1	59	51	f. bc	bc	f. om	Hours.
	Deerness	1015.6	56	E	3	cm	1017.9	0	51	-4	NE	4	-	fe	2	2	59	51	or. c	or. c	cm. fe	0.0
	Stornoway	1015.4	61	ENE	3	bz	1018.0	+2	57	+1	ENE	3	-	og	3	-	64	55	c. bz	by	bc. c. og	10.9
	Castletown (Barra Isd.)	1014.5	62	NW	3	b	1016.2	+2	58	+1	ENE	3	-	op	3	-	63	54	o. bc. m	bc. m. b	bc. m. b	8.1
	Glasgow	1013.6	61	E	1	c	1014.7	+1	54	+1	W	1	-	ogr	0	10	69	53	o. bc. c	o. bc. c	o. bc. c	4.3
	Eskdalemuir	1013.5	57	SE	1	ot	1013.2	+1	54	+2	-	0	-	o	0	14	65	51	ct. p. c	curt	ot. or	6.1
	Malin Head	1016.9	59	WNW	4	bc	1016.3	0	56	0	WNW	1	NW	bc	2	4	60	52	bc	bc	cp. bc	0.0
	Blacksod Point	1019.5	60	NW	3	bp	1018.7	0	57	0	WNW	2	NW	c	4	1	64	55	cp. c	cp. c	cp. c	9.9
	Valencia	1017.8	62	NNW	4	bc	1018.6	0	54	-2	NW	1	-	b	1	2	65	54	bc. c. p	cp. bc	bc. b	8.1
	Roche's Point	1016.3	62	NNW	2	c	1016.8	0	55	+1	NW	1	-	o	0	2	65	51	cl	c	o	0.0
	Donaghadee	1014.1	57	N	4	bz	1014.4	+2	52	-2	WNW	2	-	cm	2	-	62	51	bz	bz	bc. cm	0.0
	Liverpool (Bidston)	1013.3	60	WNW	3	o	1013.4	0	57	+2	W	3	W	og	3	3	64	55	opt	b	op	6.3
	Holyhead	1014.3	60	NW	4	b	1015.0	+1	57	0	NW	3	NW	bc	2	-	63	55	c. bc. b	bc. b	b. bc	8.9
	Pembroke (St. Ann's)	1016.8	60	WNW	2	bc	1016.3	+1	57	0	NNW	3	-	b	3	-	63	54	bc. q	b	bc	9.1
	NORTHERN EUROPE.	Scilly (St. Mary's)	1017.4	61	WNW	3	b	1018.0	+1	57	0	NW	3	NW	bc	3	-	64	54	bc	b	b. bc
Falmouth		1016.6	62	WNW	4	b	1017.1	0	59	0	NW	3	-	bw	3	-	66	55	b	b	b. w	13.4
Jersey (St. Aubin)		1016.6	63	W	4	bc	1016.9	0	62	+3	WNW	3	NW	bc	3	Trace	66	58	o. p. c. bc	bc	b. bc	10.3
Portland Bill		1014.1	63	NW	4	bc	1015.3	+1	59	-1	NW	2	NW	c	2	-	64	56	c. bc	bc	b. c. c	0.0
Dungeness		1012.2	61	SW	3	c	1013.8	+1	54	-6	W	3	W	o	3	3	65	50	ct. r	eq	bc. c. w	0.0
Dover		1012.4	59	SW	2	bc	1014.6	0	58	-2	NW	3	NW	bc	2	7	62	52	bc. c	ot. bc	bc	4.5
Wick		1015.3	54	NE	2	r	1018.0	+3	52	-2	NE	3	-	fe	3	0.3	58	51	fe. f	om. fd	om. fe	0.0
Nairn		1016.6	59	E	1	bc	1016.9	0	55	+1	ENE	3	-	o	3	2	62	53	c. bc	bc. c	inde	6.1
Aberdeen		1014.0	57	N	3	r	1015.2	+1	57	+4	N	3	NE	c	3	3	64	53	c. bc. b	b. bc. or	or. c	5.3
Leith		1013.6	61	NE	2	bc	1013.8	+1	58	+2	NE	1	NE	o	0	19	66	53	o. bc. b	b. bc	c. or	0.0
Tynemouth		1012.3	60	N	2	b	1010.3	-3	58	+3	NNW	3	-	omr	4	8	64	55	bm.	b	omr	0.0
Spurn Head		1011.5	63	N	2	bc. m	1011.4	0	56	-3	NE	3	-	om	3	-	68	53	bc. m	bc. m	bc. m	6.7
Yarmouth		1010.5	59	WNW	2	bc	1013.2	+2	54	-1	NNW	2	-	om	1	14	68	50	bc. thr	om. thr	bc. lf	5.0
Clacton-on-Sea		1011.5	64	WNW	1	bc	1013.0	+1	54	-4	WNW	2	NW	bc	1	0.2	68	50	c. bc	bc. c. p	bc. w	4.8
Nottingham		1012.2	57	NE	2	n	1012.6	0	54	-1	W	1	W	bc. m	0	4	66	50	ct. r	ct. r	or. bc	1.6
FRANCE, &c.	Bath	1013.9	60	W	1	o	1014.9	0	55	-3	W	1	NW	b	0	2	66	49	c. bc. b	c. bc. o	b. bc. m	3.4
	St. Farnborough	1011.9	61	W	1	bc	1013.7	+1	53	-4	WNW	1	W	b	0	3	68	49	c	cl. p	bc. o	4.5
	London (Kew Obsy.)	1011.8	64	W	1	bc	1013.7	+2	56	-2	WSW	2	NW	cm	0	0.1	64	53	cm. l	cm. l. c. bc	b. bc	6.3
	Spitsbergen	1017.5	32	NW	2	s	1016.6	0	36	-3	WNW	2	-	o	1	0	41	30	o	o	o	0.0
	Vardö	1022.3	48	SE	3	b	1020.2	-2	50	+2	SE	3	-	bc	1	0	52	45	bc	bc	bc	0.0
	Bodö	1018.3	59	-	0	b	1016.6	0	59	-4	-	0	NE	b	1	-	66	57	b	b	b	0.0
	Christiansund	1016.8	63	E	1	b	1017.2	0	55	-8	N	1	-	f	1	-	64	55	f	f	f	0.0
	Skudenes	1013.3	63	NNE	3	c	1013.6	0	63	0	NE	1	-	b	1	-	68	55	b	b	b	0.0
	Færder (X'iania Fjord)	1012.8	70	N	1	bc	1014.1	0	57	-2	NE	4	NW	bc	2	-	68	55	bc	bc	bc	0.0
	The Scaw (Skagen)	1012.4	66	NNE	2	b	1012.8	0	57	-7	NE	3	-	o	3	-	81	57	o	o	o	0.0
	Blaavands Huk	1010.9	63	S	2	o	1012.3	+1	59	0	NNW	1	-	o	0	Trace	66	55	o	o	o	0.0
	Haparanda																					
	Hernösand																					
	Stockholm																					
	Wisby																					
Karlstad																						
Petrograd (5 a.m. G.M.T.)																						
SOUTHERN EUROPE.	The Helder	1011.0	63	WSW	2	bc	1011.7	+1	59	-4	SSE	1	E	bc	1	-	68	50	bc	bc	bc	0.0
	C. Gris Nez	1012.2	60	WSW	4	c	1013.0	+1	57	-2	WNW	3	-	o	2	1	63	55	o	o	o	0.0
	La Hève	1015.5	63	W	4	bc	1015.0	0	59	0	W	3	-	c	4	2	68	55	c	c	c	0.0
	Ushant	1019.5	61	NW	4	b	1018.3	0	59	-2	W	1	-	b	3	-	68	54	b	b	b	0.0
	Brest (St. Mathieu)	1019.3	65	WNW	3	b	1018.9	0	59	-2	NW	2	-	b	1	-	72	57	b	b	b	0.0
	Rochefort (Ile d'Aix)	1018.4	66	NW	4	c	1018.6	+2	63	0	NNE	3	-	o	0	-	72	61	o	o	o	0.0
	Biarritz	1018.6	68	NNE	2	b	1018.0	0	63	+1	ESE	3	-	b	2	-	77	61	b	b	b	0.0
	Paris	1015.4	64	WSW	2	b	1016.2	+1	55	-4	WSW	2	-	c	0	3	72	50	c	c	c	0.0
	Belfort																					
	Lyons	1016.9	68	N	1	bc	1018.3	0	57	-4	NNW	1	-	b	0	-	77	52	b	b	b	0.0
	Nice	1011.4	71	-	0	b	1011.5	+1	70	-2	-	0	-	b	2	-	81	59	b	b	b	0.0
	Perpignan	1015.7	75	WNW	3	c	1016.9	+2	68	-2	WNW	2	SW	o	0	-	84	63	o	o	o	0.0
	Sanguinaire		78	NW	4	b	*	0	75	-	E	3	-	m	3	-	84	66	m	m	m	0.0
	Corunna (7 a.m.)	1018.3	68	NNE	5	b	1014.1	0	64	-2	NE	3	-	b	2	-	72	63	b	b	b	0.0
	Madrid (8 a.m.)	1009.7	90	W	1	b	1014.1	+2	73	0	W	1	-	b	0	-	91	68	b	b	b	0.0
Lisbon (9 a.m.)																						
Gibraltar	1013.5	78	E	3	b	1013.9	0	76	-	E	3	-	m	1	-	87	74	m	m	m	0.0	
Rome																						
Malta (8 a.m.)																						
Azores (Horta, 8 a.m.)	1017.6	*	SW	4	bc	1018.0	0	66	-2	ENE	2	-	bc	2	-	77	66	bc	bc	bc	0.0	
Madeira (Funchal)	1018.1	75	ENE	3	b																	

South Farnborough  
Pilot Balloon Ascent at about 7 a.m.

500 metres NW 22 miles per hour  
2000 " NW 20 " " "

RAINFALL.

Equivalents of Millimetres.  
in Inches.

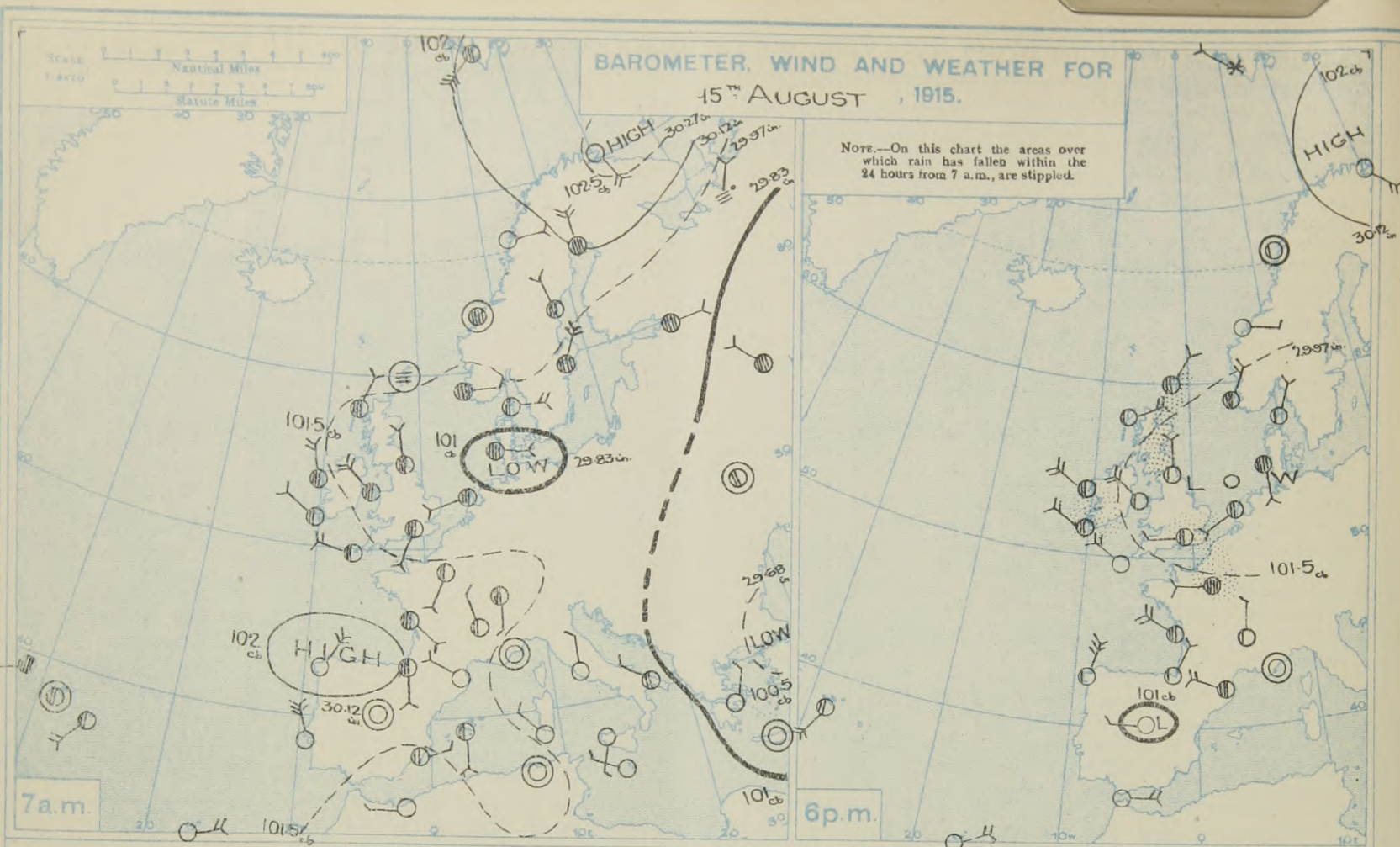
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.3		

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

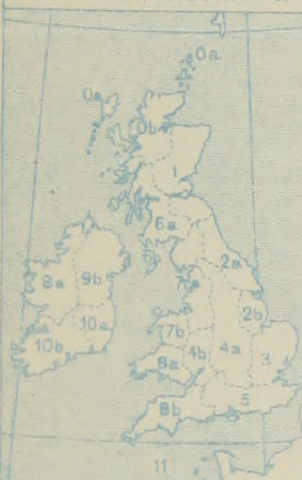
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday,

South Coast.

North Coast.

Signals hoisted this morning,

South Coast.

North Coast.

No Warnings issued.

Western Channel and Bay 11

FURTHER OUTLOOK.

- 0 { Light or moderate North-Easterly breezes; foggy at first, but improving later. Remaining cool.
- 1 { Light Northerly to North-Easterly breezes; some rain at first, thunder locally, improving later. Remaining cool.
- 2 {
- 3 { Light Westerly and North-Westerly winds; fair at first, showery later, thunder locally. Remaining cool.
- 4 {
- 5 {
- 6 { Light Westerly to Northerly breezes; some rain at first, thunder locally, improving later. Remaining cool.
- 7 {
- 8 { Light breezes, chiefly North-Westerly; mostly fair, but some local showers. Remaining cool.
- 9 {
- 10 {
- 11 { Light North-Westerly to North-Easterly winds, and a slight sea; mostly fair, but some local showers. Remaining cool.

Millibars

1050

1040

1030

1020

1010

1000

990

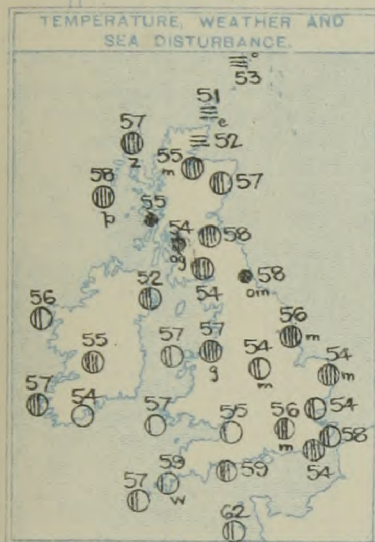
980

970

















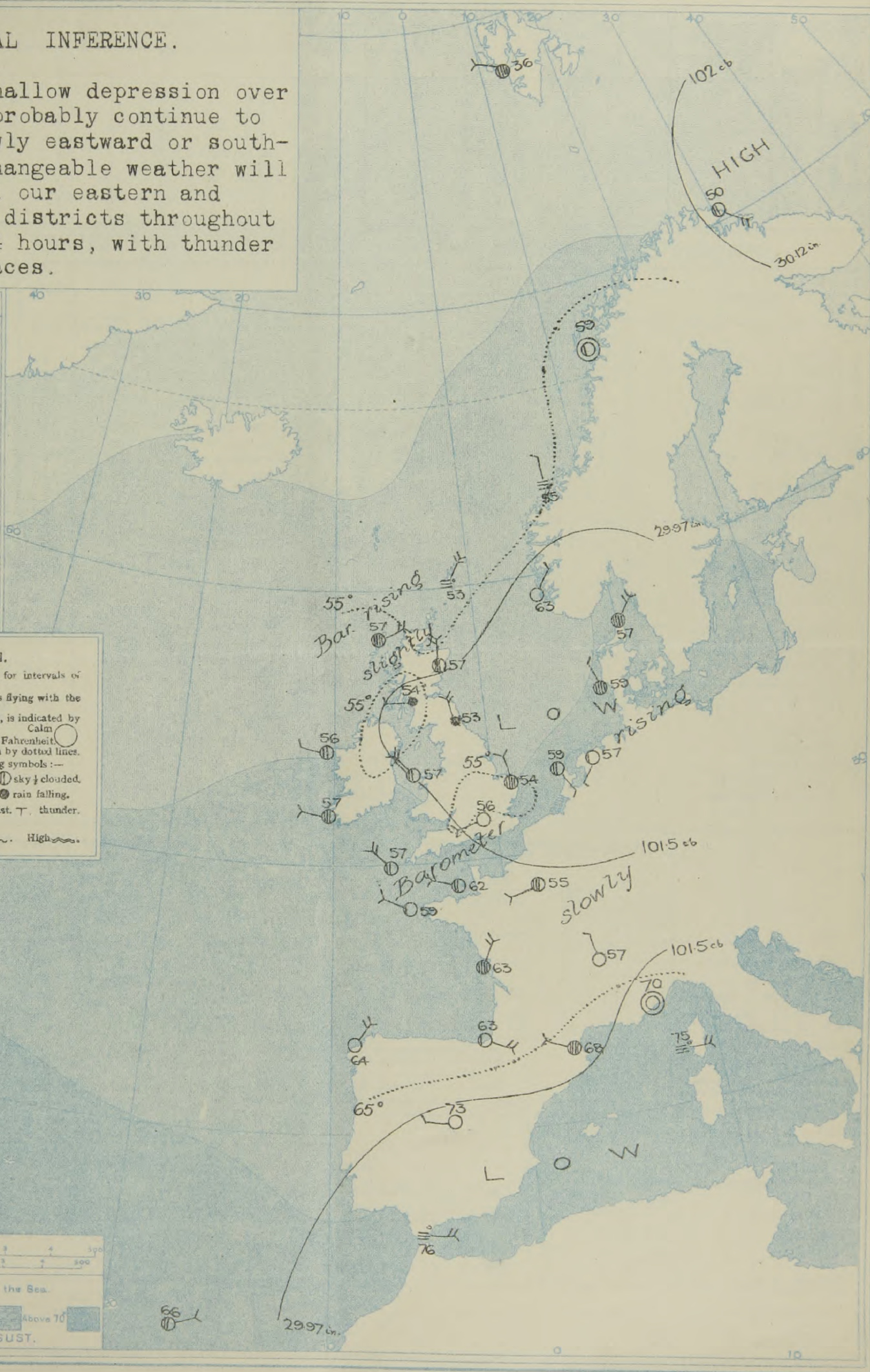
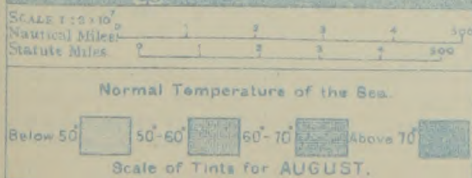
GENERAL INFERENCE.

The shallow depression over England will probably continue to move very slowly eastward or south-eastward. Changeable weather will prevail in all our eastern and south-eastern districts throughout the ensuing 24 hours, with thunder showers in places.



EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.   
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 clear sky.  sky 1/2 clouded.  
 sky 3/4 clouded.  overcast sky.  rain falling.  
 snow.  hail.  fog.  mist.  thunder.  
**SEA DISTURBANCE.**—Rough . High .





# PILOT BALLOON ASCENTS for the PAST WEEK. Component Velocities to East and to North in Metres per Second.

Station Date & Hour.	Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.	
	11h	7h	13h	6h.50m	13h	11h.45m														
Heights in Kilometres.																				
4			+12	+8																
3			+10	+1	+5	+3														
2			+6	+3	+7	-1														
1	+6	+3	+4	-1	+5	0														
0.5	+7	+1	+3	-1	+4	+1														
0	+2	0	+1	0	+3	+1														

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. & °F.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. & °F.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells ...	1	69	50	c. bc. c	cb. bc. c	4.5
Oban ...	3	66	47	c. bc	b	7.1	Margate ...	2	66	54	c. bc. ct	c. r	2.0
Banff ...	1	61	51	g. c. bc	bc. r	4.5	Ramsgate ...	22	67	50	c. o	b. r. o	2.0
Carnoustie ...	-	65	49	bc	c	5.2	Hastings ...	11	65	54	b. cl. r	bc	3.5
St. Andrews ...				*	*		Bexhill-on-Sea ...	17	64	55	or	or. c	4.1
England, N.E.							Eastbourne ...	2	65	58	bc. bp	bc. p	4.9
Harrogate ...	1	66	47	b	bc. bp	8.5	Seaford ...						
Skegness ...	7	65	51	bcu	bp. bc	3.7	Brighton ...	12	65	56	c	ot. c	5.4
England, N.W.							Worthing ...	12	68	54	p. lt	p. lt. bc	5.3
Morecambe ...				tor	bc	5.8	Littlehampton ...	3	67	53	bc	or	5.7
Blackpool ...	1	65	54	c. bc	c	6.6	Bognor ...	3	66	57	p	p	6.6
Southport ...	4	64	53	c. bc	c		Southsea ...	6	67	58	bc. p	bc. p	6.5
Midlands.							Bournemouth ...	1	67	56	c	c	4.0
Buxton ...	4	63	50	bc	bc. d	2.4	Weymouth ...	5	71	57	bc	bc. g	8.0
Leamington Spa ...	1	64	51	c. bc. pt	bc. pt	4.8	Torquay ...	0.2	68	56	c. bc	bc. b	9.8
Malvern ...	3	66	54	bc. p	cp	2.3	Paignton ...		66	56	b	b	12.5
Ross-on-Wye ...	5	69	53	o. bc. c	ot. r. bc	4.0	Falmouth ...						
Wales.							Penzance ...						
Rhyl ...	1	62	53	p. c. bc	c. bc	5.0	Newquay ...	2	63	57	br	br	11.7
Colwyn Bay ...	2	63	54	b	bc	5.8	Ilfracombe ...		62	58	bc. b	b. bc. c	7.6
Llandudno ...				o. cr	c. bc	4.0	Weston-super-Mare ...	17	64	56	c. bc. r	p. bc. b	3.5
Aberystwyth ...	1	62	55										
Tenby ...													
England, E.													
Cromer ...													
Lowestoft ...													
Felixstowe ...	16	65	56	bc	ot. r	4.3							
Walton-on-Naze ...	12	66	55	bc. cl. r	c. bc	3.8							
Southend-on-Sea ...	1	71	53	bc. b	bc. r. bc	4.1							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	%	%	Hr.	° F.	° F.	mm. & ° F.			
City (Bunhill Row) ...	*	*	4.8	*	*	*	*	*	o. bz
Westminster (St. James's Pk.)	78	84	4.7	66	53	41	2.5	r. bc	bc. r
Camden Sq. (Brit. Rainfall)	*	77	3.9	70	53	51	11	*	*
Hampstead (Reservoir) ...	*	88	5.3	64	50	41	7	bc. pt. 2	bc. pt. 2
Richmond Park ...	*	*	5.1					bc. pt. 2	bc. p
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.					
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.	Average Rate.	Max. Rate.			
S. Kensington (Roof of M.O.)	82	82	4.4	1094 Joules	208 Milliwatts.	75 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.		° F.	° F.	° F.		
Darwen to 9 p.m.						
Manchester "						
Birmingham "						
Oxford to 8 p.m.						
Teignmouth to 9 "						
Plymouth "						
S. Kensington (Museum Grounds to 6 p.m.)	28	66	55	50	bc. b	bc. ot. r. bc

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

15 <sup>th</sup> & 16 <sup>th</sup> August 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.36	G.M.T. 11.57	G.M.T. 7.16
Greenwich ...	4.40	11.57	7.14
Wick ...	4.48	12.4	7.20
Valencia ...	4.38	12.16	7.55
	4.40	12.16	7.52
	5.27	12.45	8.4
	5.29	12.45	8.2

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 65° and upwards in many districts and reached 71° at Southend-on-Sea and Weymouth. Thunderstorms were again experienced over a large portion of the country, and were accompanied in many places by heavy falls of rain.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 229.

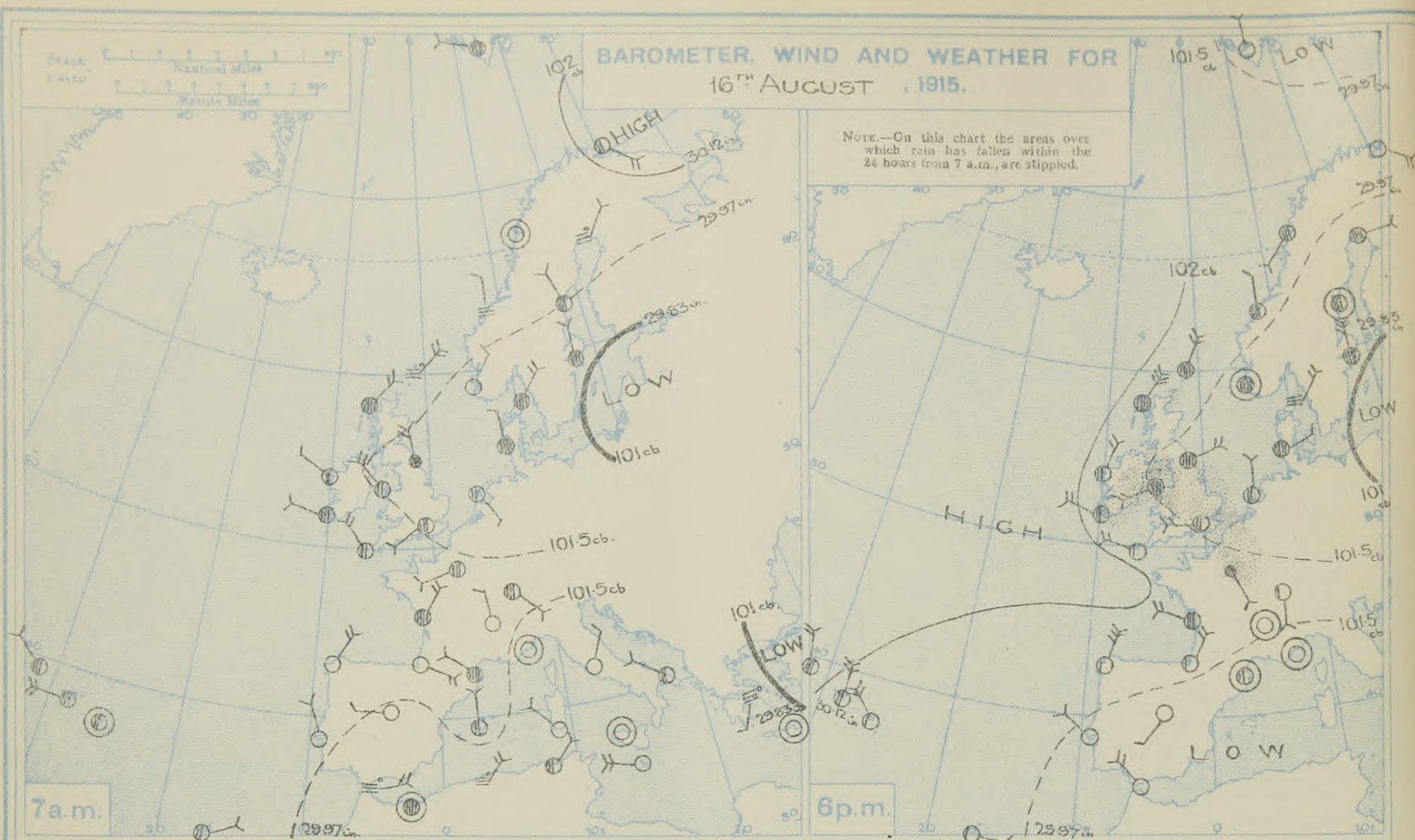
Tuesday,  
17th August, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F.	°C.	WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Dir.	Force 0-12.						Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	1018.6	54	NNE	4	om	1019.4	0	53	9	NNE	4	-	o	3	-	55	51	fom	om	om	Hours.	
	Deerness	1019.3	53	NNE	4	o	1020.6	0	52	+1	N	3	-	o	2	1	55	52	fc.o	o	o	0.0	
	Stornoway	1019.8	57	NE	6	og	1022.0	+2	55	-2	NE	4	-	o	4	-	62	54	o.bog	bc.og	c.o	4.0	
	Castletown (Barrisd.)	1017.6	63	NW	3	b	1020.3	+2	57	-1	NE	3	-	bc	3	-	67	54	op.bom	bom.b	bc.og	8.0	
	Glasgow	1015.4	62	ENE	3	b	1019.5	+2	53	-1	ENE	2	-	b	3	0.1	68	51	or.ot.c	c.bc	b.b.c	5.8	
	Eskdalemuir	1014.3	56	NNE	5	o	1018.3	+2	53	-1	NNE	5	-	SE	3	1	61	53	o.op.o	o	a.od.o	3.3	
	Malin Head	1017.6	58	N	1	cg	1019.0	+2	56	+3	E	2	-	E	2	2	60	52	cmr	cg	cg	1.0	
	Blacksod Point	1017.4	60	NNE	3	bc	1020.0	+3	55	-1	NNW	3	-	N	2	2	62	52	bc	bc	b.c	8.8	
	Valencia	1018.8	61	WNW	3	bc	1019.7	+2	57	0	-	0	-	N	3	1	63	52	c	bc	c.op.c	8.8	
	Roche's Point	1017.7	62	NW	3	bc	1018.9	0	56	+1	NNW	3	-	o	2	1	64	52	bc.op	cp.bc	b.o	2.8	
	Birr Castle	1016.6	60	W	1	c	1018.2	0	55	0	N	1	-	o	1	1	65	49	c	cp	c	2.8	
	Donaghadee	1014.5	57	NNW	4	cg	1017.7	+3	55	+3	N	4	-	ogm	3	1	59	52	cg	cmr	cmr.c	0.3	
	Liverpool (Bidston)	1012.7	56	W	5	r	1015.1	+3	56	-1	NE	2	-	ogm	3	22	59	55	og	or	or	0.3	
	Holyhead	1014.6	59	WSW	3	og	1015.3	+2	58	+1	NE	4	-	bom	3	1	64	56	bc.cbc	bc.cd	op.cbc	8.5	
	Pembroke (St. Ann's)	1016.4	59	WNW	3	bc	1016.6	+1	57	0	NW	2	-	NW	2	-	62	55	b	bc	bc	11.3	
	Scilly (St. Mary's)	1018.4	61	WNW	3	b	1018.1	0	56	-1	NW	2	-	NW	3	0.1	64	54	bc.b	b	bc.b	12.6	
	Falmouth	1017.6	61	WNW	3	b	1017.2	+2	58	+1	NW	2	-	-	2	-	66	54	b	b	b	13.3	
	Jersey (St. Aubin)	1017.4	64	WNW	3	b	1018.1	0	61	-1	W	3	-	W	3	-	67	53	bc	bc.b	b	13.0	
	Portland Bill	1015.6	61	WSW	3	b	1016.0	0	59	0	WSW	3	-	W	3	-	65	56	bc	bc	b.b.c	0	
	Dungeness	1013.8	58	SW	2	c	1015.8	+1	54	0	WNW	1	-	-	1	5	66	47	bc.c	bc.c	bc	0	
	Dover	1014.2	57	WNW	1	bc	1016.0	-	62	+4	NW	1	-	-	2	1	67	51	bc.c	bc.c	bc.c	3.0	
NORTHERN EUROPE.	Wick	1018.9	54	NE	5	m	1020.4	+1	52	0	NW	2	-	p	3	1	55	51	fc.ong	ongd	p.d.ong	0.0	
	Nairn	1018.6	57	E	2	og	1020.9	0	54	-1	NE	1	-	cg	1	-	57	52	cg	og	og	0.0	
	Aberdeen	1017.3	58	N	3	a	1019.4	+2	54	-3	NW	4	-	o	2	-	59	53	o	o	o	1.1	
	Leith	1015.6	58	NE	3	o	1019.5	+3	56	-2	NE	2	-	o	2	-	63	55	o	o	o.c.o	0	
	Tynemouth	1012.1	59	ESE	3	ogm	1017.5	+3	58	0	NE	4	-	N	4	2	62	57	cmr	ogm	cm	0	
	Spurn Head	1012.4	60	WSW	3	cg	1015.5	+4	58	+2	N	2	-	cm	3	1	66	54	cm	cg	cm	1.2	
	Yarmouth	1014.0	58	N	1	bc	1017.1	+3	55	+1	NW	1	-	b	1	1	65	50	bc.f	or.c	bom.b	5.9	
	Clacton-on-Sea	1014.0	60	W	2	bc	1016.0	+1	58	+4	NNE	1	-	N	0	0	67	53	bc.c	cg.c	og.c	5.2	
	Nottingham	1012.6	60	W	2	c	1015.8	0	57	+3	E	1	-	-	1	Trace	64	54	c.o	op.c	og.c	0.7	
	Bath	1014.9	62	W	1	c	1015.6	0	58	+3	W	2	-	-	1	Trace	68	53	bom.b	at.b	b.b.c	10.1	
	St. Farnborough	1013.8	62	WSW	1	c	1015.8	+2	53	0	-	0	-	-	0	4	70	45	bc	pt.bc.c	cr.bm	7.6	
	London (Kew Obs.)	1014.1	66	W	3	bc	1016.3	+3	57	+1	W	1	-	-	0	0.4	68	51	cmr	bc	bc.c	5.3	
	Spitsbergen	1014.6	36	N	2	b	1013.2	0	36	0	N	1	-	-	1	-	37	28	-	-	-	-	
	Vardö	1016.2	46	SE	3	b	1014.4	-1	48	-2	SE	1	-	-	2	-	50	45	-	-	-	-	
	Bodö	1015.1	54	SW	2	c	1013.2	0	50	-9	WNW	1	-	-	1	-	57	50	-	-	-	-	
Christiansund	1015.8	55	N	1	c	1016.7	0	55	0	NE	1	-	-	1	-	59	54	-	-	-	-		
Skudesnaes	1013.5	61	WNW	1	c	1012.0	0	59	-4	-	0	-	-	2	-	66	55	-	-	-	-		
Færder (X'ania Fjord)	1013.2	61	E	2	m	1011.9	-1	57	0	N	1	-	-	3	-	61	50	-	-	-	-		
The Scaw (Skagen)	1012.6	57	NE	3	m	1011.7	0	59	+2	NNE	2	-	-	2	-	59	57	-	-	-	-		
Blaavands Huk	1012.4	59	ENE	1	o	1012.6	0	55	-4	NE	1	-	-	3	-	66	50	-	-	-	-		
FRANCE, &c.	Haparanda	1013.5	54	E	2	o	1011.5	-1	50	+2	NNE	2	-	-	0	-	61	45	-	-	-	-	
	Hernösand	1012.7	55	-	0	c	1010.7	-	54	0	N	2	-	-	0	-	63	45	-	-	-	-	
	Stockholm	1010.6	54	N	2	o	1008.8	0	52	-2	N	2	-	-	0	Trace	55	50	-	-	-	-	
	Wisby	1007.8	55	N	2	o	1007.5	0	52	-3	NE	2	-	-	3	-	57	50	-	-	-	-	
	Karlstad	1012.4	57	-	0	o	1011.4	-1	52	-2	N	2	-	-	0	-	59	43	-	-	-	-	
	Petrograd (G.M.T.)	1013.0	64	N	2	bc	1014.5	+1	61	+2	NNE	2	-	-	m	1	-	66	61	-	-	-	-
	The Helder	1014.3	59	W	3	o	1016.3	+2	61	+4	SW	1	-	-	b	1	1	64	55	-	-	-	-
	C. Gris Nez	1016.0	63	NW	3	b	1017.7	0	59	0	NW	3	-	-	bc	3	-	66	54	-	-	-	-
	La Hève	1020.0	63	N	2	b	1019.7	0	59	0	NW	2	-	-	b	3	-	73	54	-	-	-	-
	Ushant	1019.4	61	NW	2	b	1019.9	0	59	0	W	1	-	-	b	1	-	72	57	-	-	-	-
SOUTHERN EUROPE.	Brest (St. Mathieu)	1018.0	52	WNW	3	c	1018.6	+3	60	-3	ENE	3	-	-	b	1	-	72	55	-	-	-	-
	Rochefort (Ile d'Aix)	1017.5	69	NNE	3	b	1017.3	0	63	0	ESE	2	-	-	b	2	-	73	54	-	-	-	-
	Biarritz	1015.5	59	SSW	3	c	1017.7	+2	54	-1	S	1	-	-	b	1	15	70	48	-	-	-	-
	Paris	1015.9	67	-	0	c	1017.3	0	59	+2	NNW	2	-	-	b	1	-	77	55	-	-	-	-
	Belfort	1010.3	70	-	0	b	1011.0	+1	67	-3	-	0	-	-	c	2	-	82	59	-	-	-	-
	Lyons	1014.7	73	-	0	bc	1016.0	+2	70	+2	NW	2	-	-	b	1	-	86	64	-	-	-	-
	Nice	1017.5	69	-	0	bc	1017.3	0	63	0	ESE	2	-	-	b	2	-	73	54	-	-	-	-
	Perpignan	1015.5	59	SSW	3	c	1017.7	+2	54	-1	S	1	-	-	b	1	15	70	48	-	-	-	-
	Sanguinaire	1014.7	73	-	0	bc	1016.0	+2	70	+2	NW	2	-	-	b	1	-	86	64	-	-	-	-
	Corunna (7 a.m.)	1017.6	68	NNE	5	b	1017.9	+1	61	-3	NE	1	-	NE	c	1	-	70	54	-	-	-	-
Madrid (8 a.m.)	1009.0	90	-	0	b	1013.6	+2	72	-1	E	1	-	-	b	1	-	93	66	-	-	-	-	
Lisbon (9 a.m.)	1014.7	81	NW	2	b	1017.1	+2	66	0	-	0	-	-	b	2	-	84	63	-	-	-	-	
Gibraltar	1014.2	77	NW	3	b	1014.9	0	72	-4	W	4	-	-	b	2	-	88	70	-	-	-	-	
Rome	1014.2	77	NW																				

RAINFALL.  
Equivalents of Millimetres.  
in inches.

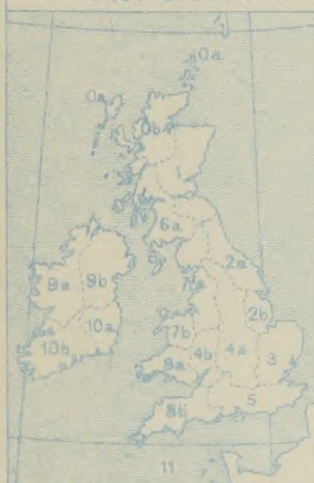
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.62
17	0.67	42	1.66
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings issued.

Western Channel and Bay 11

- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | Light to moderate breezes from the Northward; cool, changeable, some showers, thunder locally.                     |
| 1  | b |   |  |
| 2  | a | } | Light breezes from between West and North; weather remaining cool and rather changeable, thunder showers locally.  |
| 3  | b |   |  |
| 4  | a | } | Moderate Northerly and North-Easterly breezes; fair generally, thunder showers locally. Remaining cool.            |
| 5  | b |   |  |
| 6  | a | } | Light North-Westerly to Northerly winds; fair generally, thunder showers locally. Remaining cool.                  |
| 7  | b |   |  |
| 8  | a | } | Light to moderate Northerly winds; fair, cool.   |
| 9  | b |   |  |
| 10 | a | } | Light breezes from between North-West and North-East, with a slight sea; mostly fair, but thunder showers locally. |
| 11 | b |   |  |

FURTHER OUTLOOK.







## DAILY WEATHER REPORT.

Tuesday, 17<sup>th</sup> August 1915.REPORTS  
FOR  
YESTERDAY.16<sup>th</sup> August

## EVENING OBSERVATIONS.

## OBSERVATIONS AT 7 A.M., G.M.T.

REPORTS  FOR  YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.								Weather.	Sea 0-3.	Rain- fall. Milli- metres.	TEMP.	
		Barom. Milli- bars at M.S.L.	TEMP.  ° F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dir.	Force 0-12.					
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
	Petrograd	1010.3	52	NE	2	0	1008.7	-1	50			N	2	-	r	#	55	50	
	Malin Head	1015.1	60	NW	2	0	1015.6	0	53	-2	WSW	2	NE	bc	2	8	61	52	
	Lisbon	1014.4	79	NNW	5	0	1015.8	0	66	-2	NNW	2	-	bc	5	-	82	63	
	Rome	1012.3	73	S	1	0	1013.1	+1	73	+1	NE	1	-	bc	8	-	86	66	
	Malta	*	*	*	*	*	1014.3	+2	81	0	NW	4	-	bc	2	-	91	75	
	Hotia	*	*	*	*	*	1017.5	0	69	+1	W	4	*	c	2	-	77	68	
16 <sup>th</sup> August																			

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
	mm.†	° F.	° F.			Hr.		mm.†	° F.	° F.			Hr.
Scotland.							Tunbridge Wells ...	Grace	67	49	bc.c	bc.c	4.2
{ Oban ...	5	68	51	bc	bc	8.3	Margate ...	-	68	55	c	c	5.6
{ Banff ...	2	58	48	odm	odm	0.0	Ramsgate ...	0.1	67	50	bc	bc	6.0
{ Carnoustie ...	14	67	54	bc	bc	6.6	Hastings ...	5	66	52	bc.b	bc	4.5
{ St. Andrews ...	?	62	54	*	*	2.0	Bexhill-on-Sea ...	4	67	52	c	c	6.4
England, N.E.							Eastbourne ...	-	67	55	bc	bc	8.0
{ Harrogate ...	5	60	49	bc	bc	0.0	Seaford ...	4	65	52	b	b	7.2
{ Skegness ...	3	66	48	bc	bc	2.0	Brighton ...	5	66	53	c.b.c	bc	6.8
England, N.W.							Worthing ...	19	68	51	bc	bc	6.2
{ Morecambe ...	9	63	49	bc	bc	0.5	Littlehampton ...	1	67	61	bc	bc	8.0
{ Blackpool ...	25	61	53	bc	bc	0.0	Bognor ...	1	69	51	bc	bc	9.1
{ Southport ...	15	61	55	bc	bc	0.1	Southsea ...	2	68	53	bc	bc	8.2
Midlands.							Bournemouth ...	1	69	52	bc	bc	7.0
{ Buxton ...	10	58	49	bc	bc	0.5							
{ Leamington Spa ...	-	67	54	bc	bc	5.9							
{ Malvern ...	2	68	52	bc	bc	7.0							
{ Ross-on-Wye ...	1	70	48	bc	bc	8.1							
Wales.							Weymouth...	-	70	53	bc	bc	8.5
{ Rhyl ...	15	62	56	bc	bc	5.0	Torquay ...	0.3	68	54	bc	bc	7.3
{ Colwyn Bay ...	-	63	55	bc	bc	6.2	Paignton ...	-	66	56	bc	bc	12.3
{ Llandudno ...	-	64	55	bc	bc	4.6	Falmouth ...	-	67	57	bc	bc	11.0
{ Aberystwyth ...	2	62	57	bc	bc	11.0	Penzance ...	-	63	58	bc	bc	10.0
{ Tenby ...	-	66	51	bc	bc	9.0	Newquay ...	0.3	62	58	bc	bc	9.3
England, E.							Ilfracombe ...	-	66	54	bc	bc	7.5
{ Cromer ...	16	68	54	bc	bc	7.0	Weston-super-Mare ...	-					
{ Lowestoft ...	0.1	66	51	bc	bc	5.1							
{ Felixstowe ...	15	68	51	bc	bc	3.1							
{ Walton-on-Naze ...	20	65	50	bc	bc	4.7							
{ Southend-on-Sea ...	5	72	53	bc	bc	5.6							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	Rain- fall.	TEMPERATURE.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Max.		Fore- noon.	After- noon.	Night.			In Screen.	Night Min. on Grass.	Max.	
Greenwich (Royal Obs.)	56	68	5.2	70	50	46	8	bc	bc	c	Dublin to 4 p.m.	0.3	65	52	48	bc
City (Bunhill Row)	*	*	4.5	*	*	*	*	*	*	*	Darwen to 9 p.m.	*	60	51	48	bc
Westminster (St. James's Pk.)	66	74	5.4	69	51	42	-	bc	bc	bc	Manchester	8	60	51	49	bc
Camden Sq. (Brit. Rainfall)	54	71	5.5	72	51	48	0.3	bc	bc	bc	Birmingham	-	66	52	49	bc
Hampstead (Reservoir)	*	71	5.6	67	49	37	1	bc	bc	bc	Oxford to 8 p.m.	*	68	54	51	bc
Richmond Park	*	*	5.4								Teignmouth to 9 p.m.	*				bc
Kew. (See front page.)											Plymouth	*				bc
(Greenwich and Camden Square air temperatures are in Glaisher screens.)											S. Kensington	0.1	69	54	48	bc
S. Kensington (Roof of M.O.)	58	70	5.5	1371	Joules	26.3	Milliwatts.	74	Milliwatts.		(Museum Grounds to 6 p.m.)					bc

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

17 <sup>th</sup> 18 <sup>th</sup> August 1915	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.40	11.57	7.14
Greenwich	4.50	12.4	7.18
Wick	4.40	12.16	7.52
Valencia	5.29	12.45	8.20

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° over a large portion of Great Britain, and reached 72° at Southend-on-Sea. Thunderstorms were again experienced at several of the English stations, and were accompanied in places by heavy falls of rain and hail.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



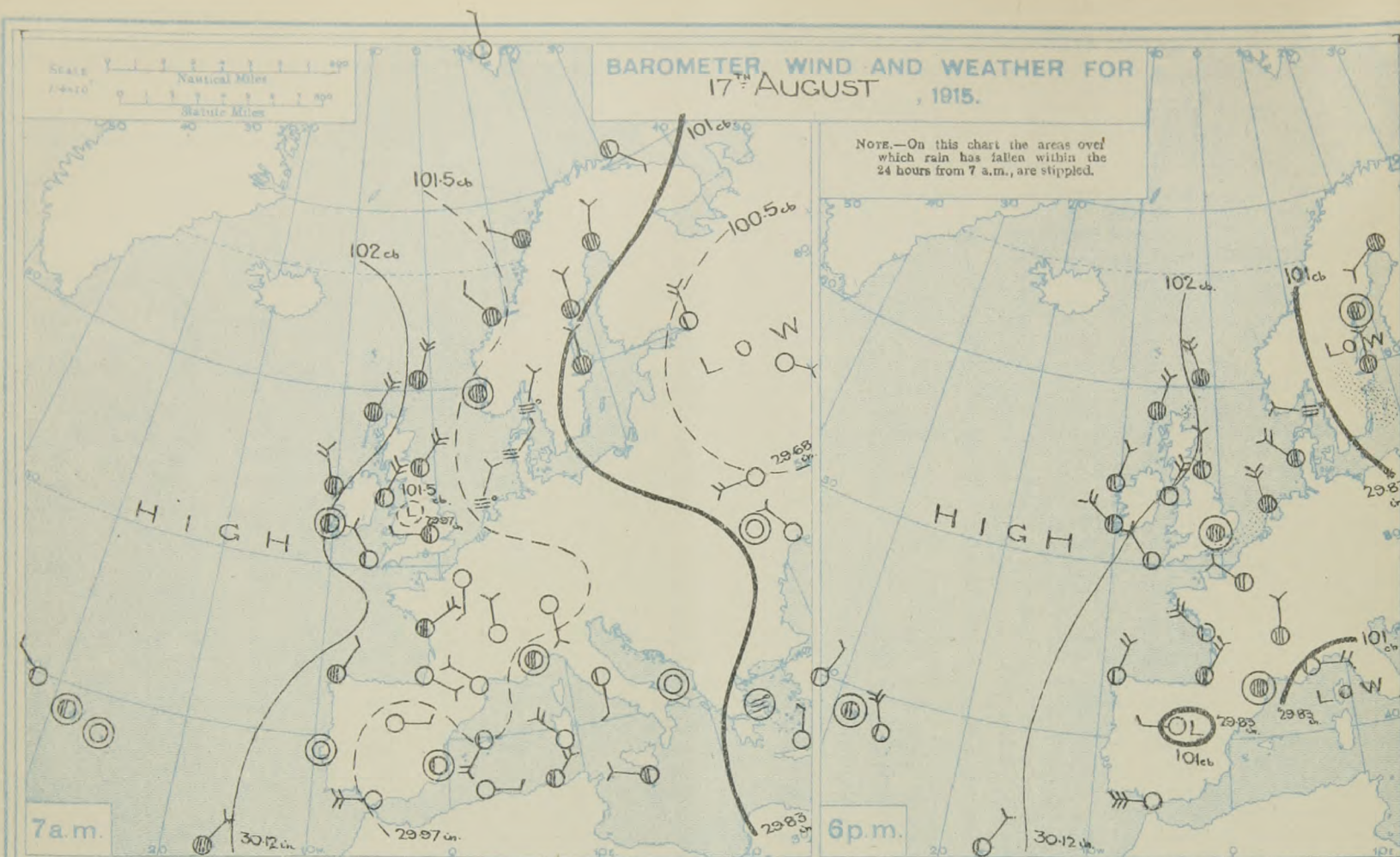
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 230.

Wednesday

13<sup>th</sup> August, 1915.

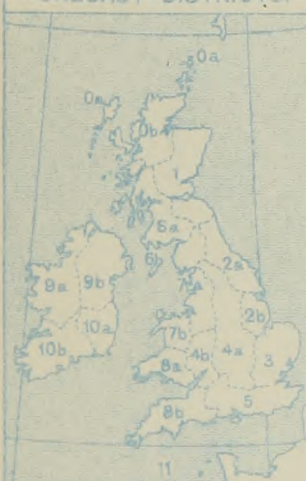
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 9-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1019.7	52	NNW	4	0	1015.7	-1	52	-1	NW	4	-	0	3	-	55	50	0	0	0	Hours.
	Deerness	1021.0	53	NW	3	0	1017.6	-	52	0	WNW	5	-	0	3	-	55	51	0	0	0	0.0
	Stornoway	1023.1	55	NNE	3	0	1021.3	-1	53	-2	NNE	2	-	0	2	-	60	52	0	0	0	0.2
	Castlebay (Barraisd.)	1021.9	60	N	3	b	1022.6	0	54	-3	N	3	-	0	3	-	62	52	bc. b	b	b. o	13.1
	Glasgow	1020.4	61	E	1	bc	1020.7	-1	46	-7	W	1	-	me	*	-	62	46	b. bc. g	o. c. bc	bc. c. bm	5.9
	Eskdalemuir	1020.5	57	NE	3	bcv	1020.8	-1	51	-2	SE	1	-	bw	*	-	61	44	c. bc	bc. e. bc	bcv. bo	6.9
	Malin Head	1021.0	58	NNE	2	b	1022.0	0	54	-2	NE	3	NE	b	2	-	61	54	bc	bc	bc	7.3
	Blackod Point	1021.3	60	NNE	2	bc	1022.5	0	56	+1	NNE	3	NE	bc	3	-	61	53	em	bc	bc	*
	Valencia	1020.1	63	NW	3	bc	1020.6	0	52	-5	N	1	W	bcz	3	-	66	49	bc	b	bc	12
	Roche's Point	1020.4	61	S	1	0	1021.1	*	55	0	NNW	1	-	0	1	0.2	60	53	o. bc	bc. o	o. b. om	*
	Birr Castle	1019.7	64	-	0	c	1021.4	*	50	-5	-	0	-	f	*	-	67	48	c	c	c. f	5.5
	Donaghadee	1019.8	57	N	3	bm	1020.9	0	54	-1	-	0	-	bcz	1	-	58	52	ogm	bm	bm. bcz	*
	Liverpool (Bidston)	1018.3	61	NE	3	m	1020.1	0	56	0	NE	1	E	bcm	2	-	65	54	om	cm	om	0.4
	Holyhead	1019.5	62	NE	4	bm	1019.7	0	58	0	NE	4	-	bm	3	-	64	56	bc. om	o. c. o. bc	od. c. bw	2.5
	Pembroke (St. Ann's)	1017.8	59	WNW	1	b	1018.9	+1	55	-2	NE	1	-	f	1	-	61	54	c	cm	bc	2.5
	Scilly (St. Mary's)	1019.1	62	NW	2	b	1018.3	0	58	+2	-	0	N	cm	1	-	66	54	b	b	b. bc. bm	12.5
	Falmouth	1018.4	63	WNW	2	b	1018.0	+1	53	-5	-	0	-	f	2	-	66	51	b. bc	b	b. f. w	12.7
	Jersey (St. Aubin)	1018.8	64	W	3	b	1018.5	*	59	-2	W	2	W	bcm	1	-	66	53	bc. o	b	b. w. bc	13.0
	Portland Bill	1017.6	62	WSW	1	bc	1018.5	+1	57	-2	ENE	2	E	o	1	-	66	55	bc	c. bc	bc. o	*
	Dungeness	1017.2	62	SW	2	bc	1018.3	0	55	+1	N	1	-	o	1	-	67	51	bc	bc	bc. elg	*
	Dover	1017.5	62	SSE	1	b	1018.7	0	59	-3	N	2	N	c	2	1	67	59	bc. to	o. bc. bz	b. bc. c	8.4
	Wick	1021.3	54	NW	3	0	1018.9	0	52	0	NW	4	-	0	3	0.2	56	51	omdg	omgd	omg	*
	Nairn	1021.4	59	ENE	1	bc	1021.0	*	53	-1	-	0	-	c	0	-	62	50	evg	c. bc	b. om	2.6
	Aberdeen	1020.9	56	NNW	3	0	1018.9	-1	54	0	WNW	4	NW	c	3	-	58	52	o. c. od	o. c. o	ogm	0.3
	Leith	1020.3	60	E	2	0	1020.0	-1	52	-4	SW	2	-	by	*	-	63	50	o. c	c. o	o. c. bc	*
	Tynemouth	1019.6	57	N	2	c	1020.0	-1	54	-4	NW	2	-	cm	3	-	60	52	b	bc	cm	*
	Spurn Head	1018.4	60	N	3	cm	1019.8	0	56	-2	N	4	-	bc	4	-	65	54	c. of	c. om	bc	0.0
	Yarmouth	1017.6	61	NE	2	c	1017.5	0	56	+1	NNW	3	N	c	2	-	65	54	bc	c	c. o. c	4.5
	Clacton-on-Sea	1017.8	64	E	2	c	1018.8	0	56	-2	N	3	NW	o	1	-	67	55	c. bc	bc. c	c. ogm	10.2
	Nottingham	1018.3	61	ENE	3	b	1020.0	*	55	-2	N	2	N	cm	*	-	68	52	b. ne	c. bm	bc	7.9
	Bath	1017.0	64	NW	2	b	1019.1	*	56	+2	E	2	-	o	*	Trace	66	52	og. c. bc	o. c. bol	bc. c. ogm	1.2
	Sth Farnborough	1015.7	66	W	1	b	1018.7	+1	54	+4	-	0	N	omw	*	1	68	50	o. c	o. bc	bc. c	14.4
	London (Kew Obsy.)	1017.3	60	-	0	0	1019.1	+2	58	+1	-	0	NW	cm	*	14	69	55	c. bc. c	cu. o. tr. h	omw. b. m	5.6
NORTHERN EUROPE.	Spitsbergen																					
	Vardö																					
	Bodö																					
	Christiansund																					
	Skudesnaes																					
	Færder (X'ania Fjord)																					
	The Scaw (Skagen)	1010.6	59	WNW	2	m	1007.5	0	59	0	SW	2	NW	c	2	-	66	54				
	Blaavands Huk	1012.7	61	NW	3	c	1009.7	-1	57	+2	NW	4	-	r	4	Trace	63	54				
	Haparanda	1008.4	54	WSW	2	0	1008.6	0	48	-2	N	2	-	o	*	-	57	43				
	Hernösand	1008.7	57	-	0	c	1007.9	0	55	+1	N	2	-	bc	*	-	61	48				
Stockholm	1008.8	54	N	2	0	1007.1	0	55	+3	N	2	-	b	*	-	55	46					
Wisby	1008.3	54	NNE	2	0	1007.1	0	55	+3	NNE	2	-	c	2	1	57	50					
Karlstad	1008.3	64	-	0	bc	?	-1	55	+3	-	0	-	r	*	5	70	46					
Petrograd (5 a.m. G.M.T.)																						
FRANCE, &c.	The Helder	1016.4	63	NNW	3	0	1015.7	0	61	0	NNW	3	-	c	2	1	64	57				
	C. Gris Nez	1017.3	63	W	3	b	1018.3	0	60	-1	WSW	1	-	o	0	-	66	57				
	La Hève	1018.7	64	NW	3	b	1018.6	*	61	+2	W	1	-	gm	1	-	70	54				
	Ushant	1019.4	64	N	2	b	1019.7	*	59	0	SW	1	-	b	2	-	75	52				
	Brest (St. Mathieu)	1020.2	66	W	2	b	1019.4	0	59	0	NE	1	-	m	1	-	73	57				
	Rochefort (Ile d'Aix)	1017.2	67	NW	4	b	1017.7	0	60	0	ENE	3	-	bc	*	-	75	55				
	Biarritz	1016.4	68	NE	3	c	1015.3	-	65	+2	E	1	-	c	2	-	73	59				
	Paris	1017.1	61	N	2	bc	1018.4	+1	54	0	-	0	-	bc	*	-	70	48				
	Belfort																					
	Lyons	1016.2	68	N	2	c	1016.6	*	59	0	N	2	-	b	*	-	75	53				
Nice	1009.0	71	E	3	b	1009.2	0	70	+3	E	1	-	b	2	-	81	61					
Perpignan	1013.9	75	-	0	0	1014.6	+1	70	0	W	2	W	b	*	-	84	59					
Sanguinaire	*	82	WNW	3	b	*	*	72	-3	E	3	-	o	3	-	88	64					
SOUTHERN EUROPE.	Corunna (7 a.m.)	1017.1	66	NNE	3	b	1015.5	-2	61	0	SSW	3	-	r	2	-	70	61				
	Madrid (8 a.m.)	1008.7	86	W	1	b	1012.7	+1	68	-4	-	0	-	b	*	-	90	61				
	Lisbon (9 a.m.)																					
	Gibraltar	1017.3	75	W	6	b	1016.2	*	72	0	W	5	-	b	3	-	87	71				
	Rome																					
	Malta (8 a.m.)	*	*	*	*	*	1010.9	+1	81	-1	NNE	1	-	o	0	-	88	79				
South Farnborough	Azores (Horta, 8 a.m.)	1023.3	*	-	0	bc	1025.7	0	64	-1	-	0	-	bc	1	-	79	63				
	Madeira (Funchal)	1021.1	75	NE	2	b	1022.0	0	70	+2	NE	2	-	b	2	-	75	68				





FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No WARNINGS  
ISSUED.

Western Channel and Bay 11

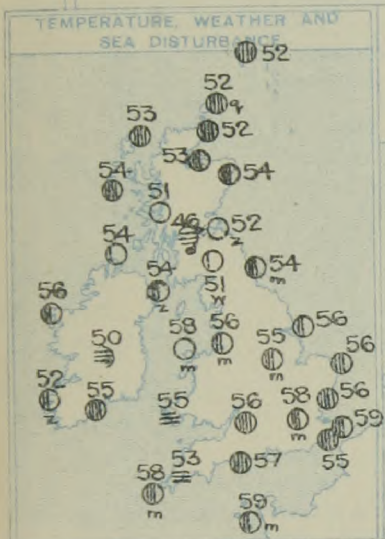
- |    |   |   |
|----|---|---|
| 0  | a | Moderate or fresh North-Westerly to Northerly winds;    |
|    | b |   |
| 1  |   | cool, changeable, some showers.                         |
| 2  | a |   |
|    | b |   |
| 3  |   | Light or moderate Northerly to North-Westerly winds;    |
| 4  | a |   |
|    | b | fair to-day, some showers to-morrow. Remaining cool.    |
| 5  |   |   |
| 6  | a | Light winds, mainly from the Northward; mostly fair,    |
|    | b |   |
| 7  | a | but some local showers. Remaining cool.                 |
|    | b |   |
| 8  | a | Calms and light Northerly airs; weather fair, but       |
|    | b |   |
|    |   | some mist or fog on coast. Remaining cool.              |
| 9  | a |   |
|    | b | Light Northerly breezes; mostly fair, but misty in      |
| 10 | a |   |
|    | b | places. Remaining cool.                                 |
|    |   |   |
|    |   | Light variable breezes, and a slight sea; mostly cloudy |
|    |   |   |
|    |   | or misty, rain locally over Bay.                        |
|    |   |   |

FURTHER OUTLOOK.



GENERAL INFERENCE.

There are some indications of the passage southwards of further small depressions over the North Sea, and the weather in our northern and eastern districts is therefore likely to remain very changeable.



EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

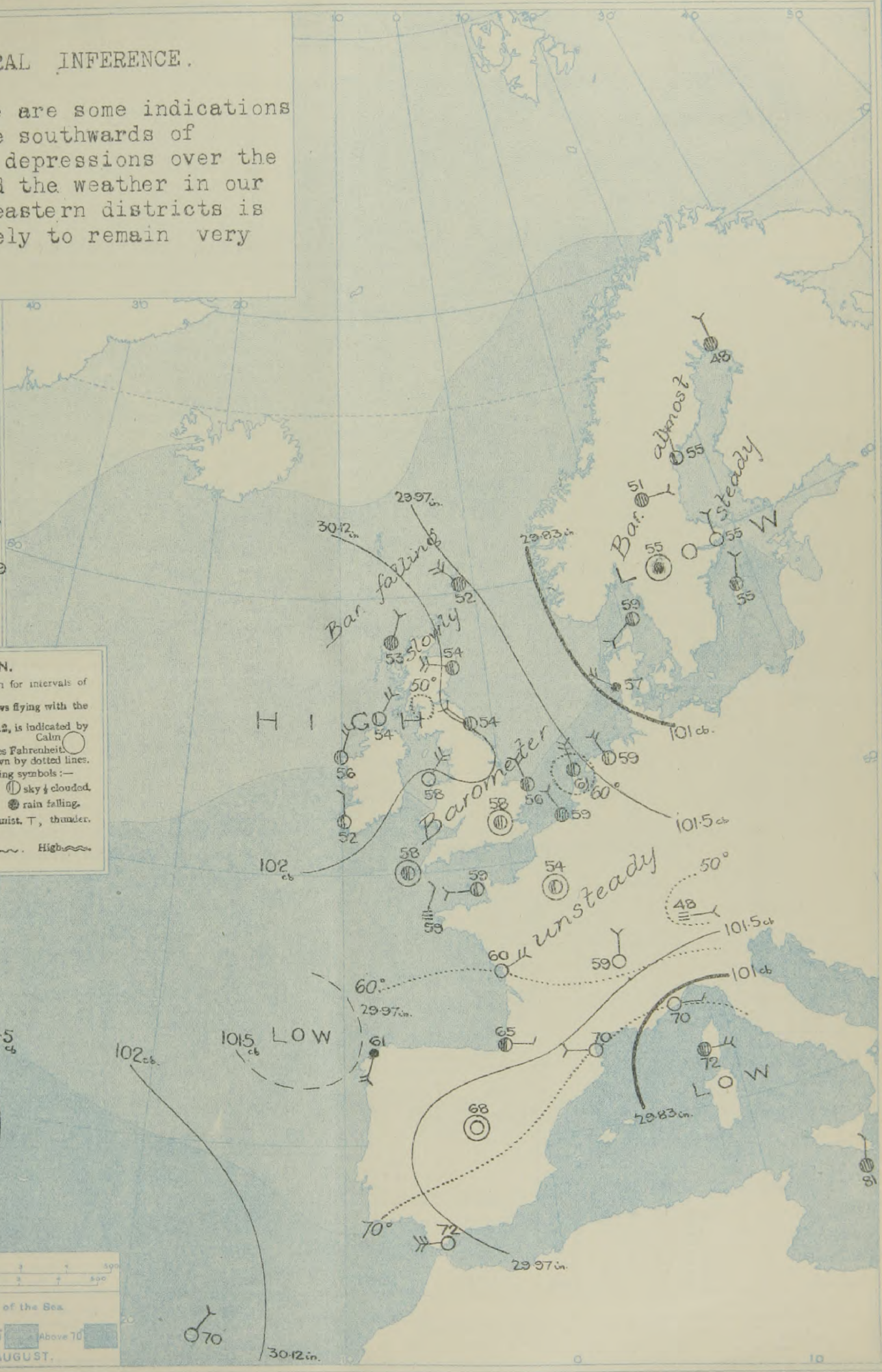
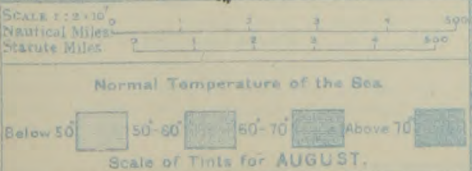
**WEATHER.**—Shown by the following symbols:—  
 clear sky. sky 1/4 clouded. sky 1/2 clouded. overcast sky. rain falling. snow. hail. fog. mist. thunderstorm.

**SEA DISTURBANCE.**—Rough High

inches  
—31

30

29





## DAILY WEATHER REPORT.

Wednesday, 18<sup>th</sup> August 1915.REPORTS  
FOR  
YESTERDAY.17<sup>th</sup> August

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.		TEMP. Max. Min.	
	BAROM. Milli-bars at M.S.E.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dirce. of Upper Cloud.	Weather.	Sea 0-9.					
			Dirce.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirce.	Force 0-12.								
		° F.							° F.	° F.									
Petrograd	1007.3	54	NNE	2	3	1007.7	0	54	74	N	3	-	0	*	3	54	50		
Sanguinaze	*	81	W	2	3	*	*	75	0	SE	3	*	3	3	-	88	66		
Rome	1013.1	73	SW	1	3	1011.9	0	75	+2	S	1	-	3	*	-	84	68		
Malta	*	*	*	4	*	1013.9	+3	82	+1	WNW	2	-	3c	1	-	90	77		

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. & in.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. & in.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.													
Oban ...	0.3	68	46	3	3	10.5	Tunbridge Wells ...	1	70	46	3c.3	3p.c	7.9
Banff ...	-	57	53	0	0	0.0	Margate ...	0.6	66	55	bc.3c	3	7.5
Carnoustie ...	-	61	53	c	3c.c	1.3	Ramsgate ...	2.0	66	53	3	3	5.8
St. Andrews ...	-	63	54	*	*	1.5	Hastings ...	1	67	51	3	3c.op	9.6
England, N.E.							Bexhill-on-Sea ...	-	67	51	3	3c.3c	9.4
Harrogate ...	0.6	60	54	op.0.c	op.0	0.0	Eastbourne ...	-	66	50	3	3c.3	10.6
Skegness ...	-	64	53	3c	3.0	6.1	Seaford ...	-	66	48	bc	bc	11.0
England, N.W.							Brighton ...	0.2	67	52	c.3c.3p	c.3c.c	10.1
Morecambe ...	-	67	53	3c.c	c.3c.0	1.3	Worthing ...	-	67	50	c.3c	3c	7.1
Blackpool ...	-	64	55	0.c	c.3c	0.1	Littlehampton ...	trace	65	49	3c	3c	5.2
Southport ...	3	63	55	0	0c.3c	0.1	Bognor ...	1	66	51	op.3c	b/3c	5.1
Midlands.							Southsea ...	1	68	53	or	3c	6.0
Buxton ...	1	62	52	3c	3c	2.0	Bournemouth ...	2	66	50	or	c.3c	5.5
Leamington Spa ...	0.5	69	54	c.3c	3c	7.5	Weymouth ...	1	69	54	c.3c	3c.3	2.0
Malvern ...	-	69	54	op.m	3c.m	1.5	Torquay ...	-	67	55	3c.c	3c.c	2.9
Ross-on-Wye ...	-	69	54	op.m	3c.m	1.5	Paignton ...	0.3	68	53	bc.3	c	4.5
Wales.							Falmouth ...	-	66	54	3c.c	3	1.8
Rhyl ...	?	64	56	or	0.c	0.0	Penzance ...	-	67	55	3c	3c	12.6
Colwyn Bay ...	18	64	55	0	0	0.3	Newquay ...	-	64	57	3c.3	3.3c	10.0
Llandudno ...	5	66	55	2	c	0.6	Ilfracombe ...	-	64	58	c.3c.3	3.3c	6.7
Aberystwyth ...	4	66	58	2.0.c	c.0.0	2.0	Weston-super-Mare ...	1	66	57	3c	3c.3	2.2
Tenby ...	-	67	53	3	3c	8.9							
England, E.													
Cromer ...	-	63	52	0	0	1.8							
Lowestoft ...	-	63	53	c.0	0	5.4							
Felixstowe ...	8	67	53	3c	3c.c	9.1							
Walton-on-Naze ...	6	68	52	3c	3c.c.0.0	11.1							
Southend-on-Sea ...	14	71	52	3	3c.3c.3	7.8							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall. mm. & in.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.				
Greenwich (Royal Obs.) ...	58	83	7.1	73	53	4.6	bc	bc.c.0	abc.c
City (Bunhill Row) ...	*	*	3.5	*	*	*	*	*	*
Westminster (St. James's Pk.)	78	87	5.3	69	55	5.2	2	bc	0
Camden Sq. (Brit. Rainfall)	67	82	3.4	69	53	5.0	1	c.3c	a.c
Hampstead (Reservoir) ...	*	86	5.3	65	52	4.4	1	bc.3p	bc.0
Richmond Park ...	*	*	6.2						
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
				Total.	Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)				1074	Joules		20.6 Milliwatts.		
				65	81		5.3		

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

18 <sup>th</sup> & 19 <sup>th</sup> August 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.42	12.52	7.12
Greenwich ...	4.44	12.52	7.10
Wick ...	4.42	12.16	7.56
Valencia ...	5.31	12.45	8.0
	5.33	12.45	7.58

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° at most of the English stations, and reached 71° at Southend-on-Sea. Thunderstorms occurred locally in the south-east of England. Considerable amounts of bright sunshine were recorded on our south-west coasts

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility; unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

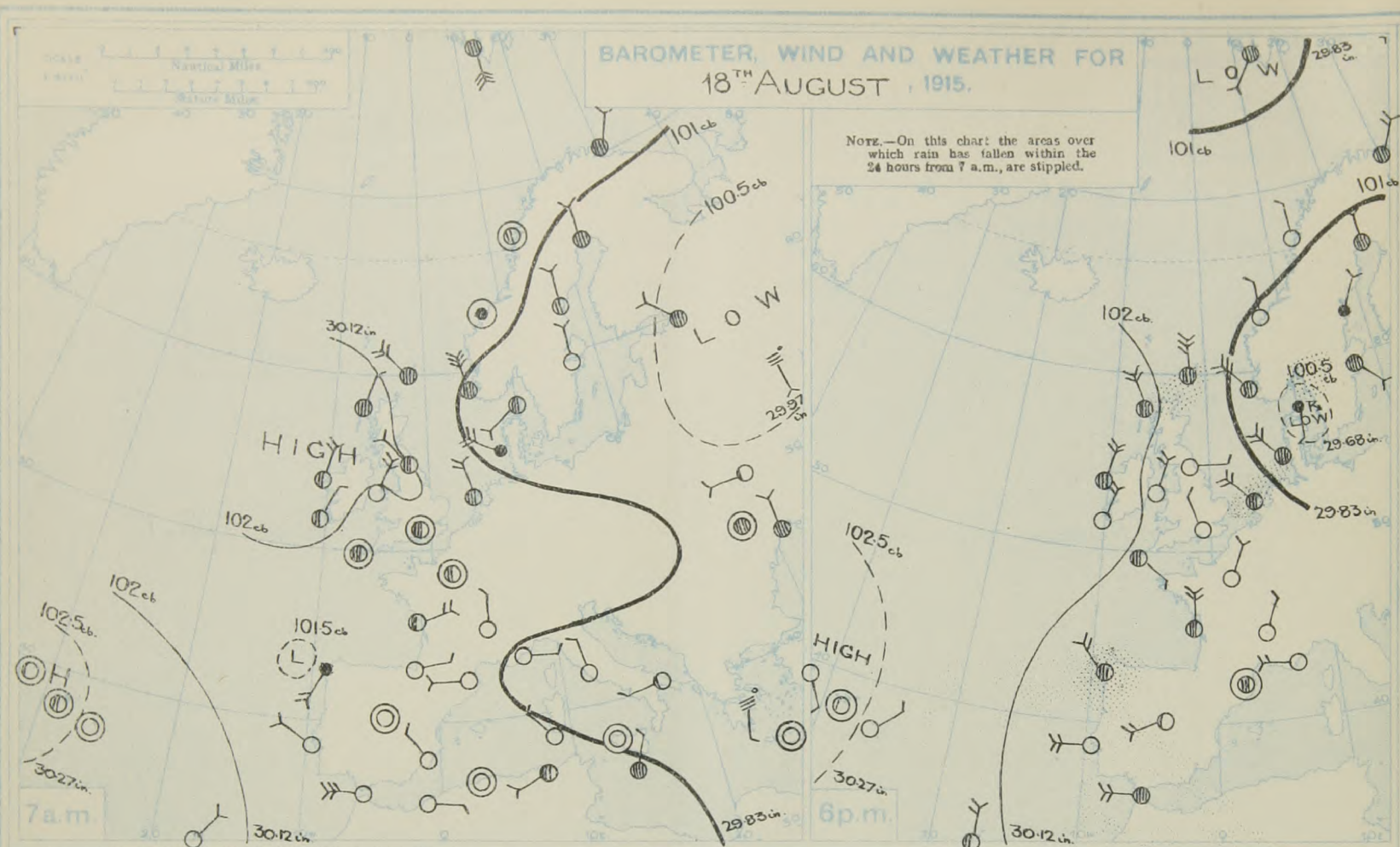


1915

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 231. Thursday, 19th August, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 6-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dirac.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
	Lerwick	1014.7	51	N	5	om	1015.9	0	51	-1	NW	3	NW	bc	3	1	54	48	om	om	om.c	11.4
	Deerness	1017.3	53	WNW	5	o	1017.3	0	51	-1	NW	3	-	o	2	Trace	55	51	o	o	o.p.d.o	0.0
	Stornoway	1021.6	56	NNW	4	o	1020.2	0	55	+2	NW	3	-	c	3	0.1	57	52	o	o	o.p.c	0.0
	Castledy (Barra Isd.)	1022.0	58	NW	3	c	1021.3	0	57	+3	NW	3	NW	bc	3	-	60	53	o	o.c	c.o.b.c	1.0
	Glasgow	1017.7	65	W	3	b	1019.9	+2	51	+5	SSE	1	W	c	-	-	69	46	u. b	b	b.m.c.m	11.4
	Esksdalemuir	1017.4	63	WNW	3	bc	1019.5	+1	53	+2	NNE	1	NW	c	-	-	69	46	b.b.c	bc	bc.b	12.2
	Malin Head	1022.0	57	N	3	c.g	1021.8	0	56	+2	N	3	N	bc	3	-	58	53	c.g	c.g	bc	0.2
	Blacksod Point	1022.2	57	NNE	4	cv	1023.4	0	56	0	NNW	1	-	c.g	2	-	61	52	bc	cv	cv.om	0.2
	Valencia	1020.1	64	N	3	b	1022.2	+2	56	+4	NE	1	-	bc	3	-	69	52	bcz	bcz	bcz	11.4
	Roche's Point	1020.8	62	S	1	bc	1022.1	0	53	-2	N	1	-	b	1	0.3	66	50	oz	oz.b.c	bw	0.0
	Birr Castle	1020.1	65	N	1	c	1022.0	0	50	0	SW	1	-	o	-	-	67	46	c	c	c.o	10.0
	Donaghadee	1019.8	56	N	5	bz	1019.6	+1	54	0	N	4	-	bm	4	-	61	53	bc.m	bz	bm	8.9
	Liverpool (Bidston)	1018.5	60	NW	2	b	1019.3	0	55	-1	W	2	W	c	2	-	64	53	cm	b	bc	8.9
	Holyhead	1019.9	60	NNE	3	bm	1019.9	0	56	-2	NW	4	NW	c	5	-	67	56	bm	bm	bc.b.c	12.0
	Pembroke (St. Ann's)	1019.0	62	N	1	b	1020.2	+1	56	+1	N	3	-	b	2	-	64	53	f	bc.m	bm.b	6.2
	Scilly (St. Mary's)	1018.0	64	SE	1	cm	1019.2	+1	58	0	E	1	-	f	2	-	66	55	cm.om	cm	cm.b.m.f	4.9
	Falmouth	1016.2	61	SSE	1	bc	1018.7	0	56	+3	N	2	-	fe	1	-	64	52	fw.b	b.bcz	bz.fe	7.9
	Jersey (St. Aubin)	1017.8	64	WSW	3	b	1019.3	0	61	+2	NE	2	-	bm	1	-	66	54	o.b.c	bc.c.b	bm.w	0.0
	Portland Bill	1018.2	61	-	0	c	1018.6	0	58	+1	-	0	-	b	1	-	65	57	o.b	bc	b	0.0
	Dungeness	1017.3	62	SW	3	c	1017.4	0	53	+2	N	2	-	o	2	-	65	47	o.c.o	o.c	c.b.c.f	0.0
	Dover	1017.5	62	SSE	1	bcv	1017.1	-	59	0	N	3	-	bcz	2	0.2	70	49	c.b.c.b	b.b.c	bc.b.b.c	7.2
	Wick	1017.5	53	NW	4	o	1017.3	-1	54	+2	NNW	3	-	o	3	0.4	55	51	om.g	om.p.d.g	om.p.d.g	0.0
	Nairn	1019.6	56	NNW	3	c.g.u	1019.4	0	54	+1	NNW	1	-	c	2	-	62	52	c.g	q.c.g	g.c	2.5
	Aberdeen	1017.5	56	NW	5	o	1017.9	0	54	0	NW	4	NW	c	2	-	62	52	c.g	c.o.g	l.g.c	5.3
	Leith	1016.8	65	ENE	2	b	1019.3	+2	54	+2	W	2	-	bc	-	-	72	52	b	b	bc	0.0
	Tynemouth	1017.7	58	E	1	b	1018.3	+1	55	+1	NW	2	NW	c	3	-	62	53	b	b	cm	0.0
	Spurn Head	1018.1	62	ENE	3	bc	1018.5	0	60	+4	NNW	4	-	o	4	-	66	56	bc	bc	c.o	0.8
	Yarmouth	1017.0	62	N	3	bc	1017.0	0	57	+1	N	4	NW	omd	4	Trace	65	53	c.b.c	bc	bc.o.d	3.5
	Clacton-on-Sea	1017.6	63	SE	2	bc	1017.7	0	56	0	NW	2	N	c	1	-	67	53	o.b.c.c	c.b.c	bc.c	5.5
	Nottingham	1017.5	62	SE	1	b	1019.0	0	55	0	NW	1	NW	cm	-	-	68	51	cm	c.bm	bc.om	6.5
	Bath	1018.2	68	NE	1	b	1019.3	0	50	-6	N	1	-	m	-	-	68	46	g.m.b.c	b.b.c.b	b.b.c.c.m	6.4
	Sth Farnborough	1017.6	66	NW	2	b	1018.5	+1	51	-6	-	0	-	bmw	-	-	67	47	o.c	bc.b	bm	5.8
	London (Kew Obsy.)	1017.6	67	NW	1	b	1018.7	+3	53	-5	NNW	1	-	bmw	-	Trace	67	51	bm.o.c	c.b.c.b	bc.b.bm	5.7
	Spitsbergen	1007.8	39	SSW	2	o	1006.7	-1	36	-5	WNW	4	-	r	-	-	41	36	-	-	-	0.0
	Vardö	1014.6	48	NE	3	o	1013.5	0	48	0	NE	1	-	o	2	-	50	45	-	-	-	0.0
	Bodö	1011.5	52	N	1	b	1011.4	0	50	-4	E	1	-	bc	1	-	55	48	-	-	-	0.0
	Christiansund	1009.2	55	N	1	c	1010.4	+1	52	0	NE	1	-	b	2	-	57	48	-	-	-	0.0
	Skudesnaes	1006.6	54	NW	5	c	1009.0	+1	55	-2	NW	3	-	c	1	-	59	50	-	-	-	0.0
	Færder (X'ania Fjord)	1005.1	59	ENE	3	o	1008.3	+2	57	-2	NE	2	-	o	1	-	59	55	-	-	-	0.0
	The Scaw (Skagen)	1004.2	61	S	1	b	1006.4	+2	61	+2	E	3	-	bc	3	-	64	57	-	-	-	0.0
	Blaavands Huk	1007.3	57	NW	4	o	1005.7	+1	59	+2	N	1	-	b	4	-	63	54	-	-	-	0.0
	Haparanda	1009.3	50	N	2	o	1009.7	0	52	+4	N	4	NW	o	-	Trace	52	48	-	-	-	0.0
	Hernösand	1008.4	55	NE	2	r	1010.6	-1	52	-3	NNW	2	-	f	-	-	55	50	-	-	-	0.0
	Stockholm	1007.1	57	SSE	2	o	1008.7	+1	55	0	N	2	-	bc	-	-	61	48	-	-	-	0.0
	Wisby	1006.7	59	NNE	2	b	1008.0	0	59	+4	ENE	2	-	m	1	-	61	48	-	-	-	0.0
	Karlstad	1006.0	59	-	0	bc	1009.3	+4	57	+2	E	2	-	c	-	-	63	50	-	-	-	0.0
	Petrograd (G.M.T.)	1014.0	61	NW	4	c	1012.0	0	57	-4	NW	5	-	r	3	2	64	57	-	-	-	0.0
	The Helder	1017.7	60	NNE	1	bc	1017.2	0	59	-1	NNW	3	-	m	2	-	66	54	-	-	-	0.0
	C. Gris Nez	1017.2	63	-	0	bc	1018.3	0	57	-4	-	0	-	m	0	-	70	54	-	-	-	0.0
	La Hève	1019.4	64	NE	1	b	1019.8	0	57	-2	ENE	1	-	b	2	-	75	52	-	-	-	0.0
	Ushant	1018.6	63	NNW	2	b	1018.0	0	56	-3	E	3	-	b	1	-	73	54	-	-	-	0.0
	Brest (St. Mathieu)	1014.9	69	N	4	c	1015.9	+2	61	+1	E	3	-	c	-	-	77	57	-	-	-	0.0
	Rochefort (Île d'Aix)	1016.4	63	NNE	2	bc	1018.3	+1	54	0	NNE	1	-	b	-	-	70	48	-	-	-	0.0
	Biarritz	1014.6	68	NNE	1	b	1016.2	0	56	-3	N	3	-	b	-	-	74	53	-	-	-	0.0
	Paris	1014.0	63	W	3	b	1011.9	+1	67	-3	-	0	-	c	2	-	81	59	-	-	-	0.0
	Belfort	1011.8	72	-	0	c	1013.2	0	63	-7	W	1	-	o	-	Trace	84	61	-	-	-	0.0
	Lyons	1014.6	68	NNE	1	b	1016.2	0	56	-3	N	3	-	b	-	-	74	53	-	-	-	0.0
	Nice	1011.0	63	W	3	b	1011.9	+1	67	-3	-	0	-	c	2	-	81	59	-	-	-	0.0
	Perpignan	1011.8	72	-	0	c	1013.2	0	63	-7	W	1	-	o	-	Trace	84	61	-	-	-	0.0
	Sanguinaire	1014.6	68	NNE	1	b	1016.2	0	56	-3	N	3	-	b	-	-	74	53	-	-	-	0.0
	Corunna (7 a.m.)	1008.4	81																			





FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

No WARNINGS  
ISSUED

Western Channel and Bay

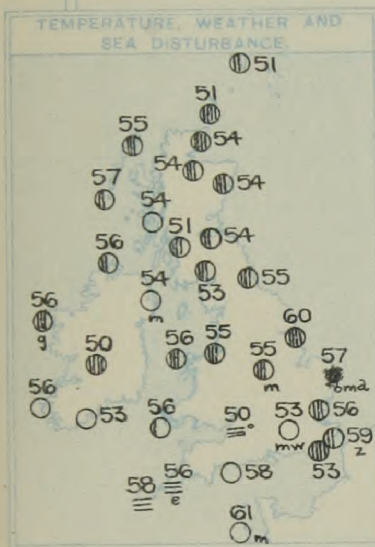
- 0 } Moderate North-Westerly breezes; mostly fair, but some local showers. Cool.
- 1 } Moderate North-Westerly breezes; mostly fair inland, but some showers on coast. Cool.
- 2 } Moderate North-Westerly breezes; mostly fair inland, but some showers on coast. Cool.
- 3 } Moderate North-Westerly breezes; mostly fair inland, but some showers on coast. Cool.
- 4 } Light North-Westerly breezes; mostly fair, but some local showers. Cool.
- 5 } Light North-Westerly breezes; mostly fair, but some local showers. Cool.
- 6 } Same as No. 0
- 7 } Same as No. 0
- 8 } Light breezes, chiefly Northerly; fair inland, but misty or foggy on coast. Cool.
- 9 } Light breezes, chiefly Northerly; mostly fair, but mist or fog locally on coast. Cool.
- 10 } Light breezes, chiefly North-Easterly, with a slight sea; fine in places, but mostly foggy or misty.

FURTHER OUTLOOK.



GENERAL INFERENCE.

The Northerly type of weather is likely to continue. Small irregularities in pressure over the North Sea will probably occasion local showers in our northern and eastern districts.



EXPLANATION.

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

WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded. ○ sky & clouded. ○ overcast sky. ● rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. K, thunderstorm.

SEA DISTURBANCE.—Rough High





## DAILY WEATHER REPORT.

Thursday, 19<sup>th</sup> August 1915.REPORTS  
FOR  
YESTERDAY.18<sup>th</sup> August

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											Rain- fall. Milli- metres.	Temp.	
	Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Max.	Min.			
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Dir.	Force 0-12.								
		° F.						° F.	° F.										
Spitzbergen	1012.3	36	NNW	2	2	1009.1	-1	41	+5	S	6	*	0	*	*	37	34		
Vardo	1014.1	46	ENE	1	0	1013.2	0	48	0	NE	2	-	0	2	*	52	43		
Bodo	1011.5	50	N	2	0	1010.7	0	54	+4	-	0	-	0	0	*	54	46		
Christiansund	1013.5	54	N	1	0	1012.5	-1	52	-3	-	0	-	0	2	10	55	52		
Skudesnes	1011.5	57	NNW	6	0	1009.6	-1	57	-2	NNW	6	-	0	0	-	61	54		
Faerøer	1009.5	63	N	2	20	1006.7	-1	59	+2	NNE	4	-	0	2	-	64	57		
Petrograd	1004.7	54	N	3	0	1004.0	0	52	-2	NW	2	-	0	2	*	65	58		
Lisbon	1017.7	75	NW	4	3	1016.7	-1	70	+4	WNW	2	-	0	2	1	79	68		
Rome	1011.4	73	SW	1	0	1009.2	+1	75	0	N	1	-	0	2	-	82	66		

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				England, S.E.		° F.	° F.			
Oban ...	-	64	44	3	3	120	Tunbridge Wells ...	-	66	47	bc	bc, bz	4.6
Banff ...	-	56	53	2	2	00	Margate ...	-	66	58	c	b	5.4
Carnoustie ...	-	62	48	3	3	101	Ramsgate ...	10	66	4.5	o.c. bc	bc	5.0
St. Andrews ...	-	65	46	*	*	109	Hastings ...	-	66	53	o.bc	bc	4.6
England, N.E.							Bexhill-on-Sea ...	0.3	67	50	c	c, 3	3.9
Harrogate ...	-	67	47	c.o. bc	b, bc, c	7.2	Eastbourne ...	-	67	52	bc	o. 3.	2.8
Skegness ...	-	63	51	bc	bc, 3	9.2	Seaford ...	-	70	49	bc	c	5.1
England, N.W.							Brighton ...	-	68	52	c, bc, c	c, o.c. bc	4.9
Morecambe ...	-	66	51	3	3	115	Worthing ...	-	68	52	c, bc	bc, b	3.1
Blackpool ...	-	64	49	bc	3	112	Littlehampton ...	-	65	50	o, bc	o, bc	3.8
Southport ...	2	63	50	3	3	103	Bognor ...	-	67	52	o, bc	bc, o	4.9
Midlands.							Southsea ...	0.3	67	53	bc	bc	6.2
Buxton ...	-	63	45	3	3	9.9	Bournemouth ...	-	67	51	o, bc	c, o	3.8
Leamington Spa ...	-	68	54	c, bc	bc, c	5.5	England, S.W.						
Malvern ...	-	66	54	m, b	3	100	Weymouth ...	-	70	55	c, bc	bc, c, 3	3.8
Ross-on-Wye ...	-	69	54	o, bc, c	bc, 3	5.0	Torquay ...	-	65	52	o	bc, b	4.8
Wales.							Paignton ...	-					
Rhyl ...	0.5	66	54	b, bc, b	b	11.5	Falmouth ...	-	65	55	b	bc	9.0
Colwyn Bay ...	-	66	53	bc	bc	11.0	Penzance ...	-	65	55	b	bc	9.0
Llandudno ...	-	66	53	c	3	10.1	Newquay ...	1	66	49	bc, b	b, bc, b	6.0
Aberystwyth ...	-	66	57	o, bc	bc, c	8.7	Ilfracombe ...	-	65	54	z, bc	bc	9.0
Tenby ...	-	68	52	bc	bc, o	2.0	Weston-super-Mare ...	-	67	54	o, bc, b	bc	4.5
England, E.													
Cromer ...	-	62	56	bc, o, o	o, bc	5.8							
Lowestoft ...	-	63	54	o, c	c, bc	8.5							
Felixstowe ...	-	66	53	c	bc, c	5.6							
Walton-on-Naze ...	0.2	66	54	c, bc	bc, bc	6.3							
Southend-on-Sea ...	0.3	71	55	o, c	bc, bc	5.6							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	Hr.	° F.	° F.	° F.	mm. \$			
Greenwich (Royal Obsy.) ...	53	73	4.8	70	50	42	-	0	c	bm
City (Bunhill Row) ...	*	*	5.7	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	65	76	5.3	69	50	46	-	0	c	bm
Camden Sq. (Brit. Rainfall)	52	71	5.6	72	50	48	-	0	c, bc	*
Hampstead (Reservoir) ...	*	76	5.5	67	49	38	-	bc 0	0	b
Richmond Park ...	*	*	5.6	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	51	74	5.2	12.77 Joules		24.6 Milliwatts.		65 Milliwatts.		

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

19 <sup>th</sup> & 20 <sup>th</sup> Aug. 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.44	11.57	7.10
Greenwich ...	4.45	11.56	7.8
Wick ...	4.55	12.4	7.46
Valencia ...	4.45	12.16	7.47
	4.47	12.15	7.45
	5.33	12.45	7.58
	5.34	12.46	7.58

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° in most districts and reached 72° at Leith. Slight showers occurred locally in the east and south-east of England. Considerable amounts of bright sunshine were recorded in the west and north, about 12 hours at Oban, Eskdalemuir and Holyhead.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 232

Friday.

20<sup>th</sup> August 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										FAST 24 HOURS.						Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Force 0-12.	Dir.						Force 0-12.	Dir.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	1015.7	55	NW	3	c	1012.4	-3	52	+1	WSW	3	-	0	2	5	58	50	c	c	or	Hours.	
	Deerness	1016.9	55	W	3	o	1014.2	-	54	+3	W	4	-	0	2	2	59	52	c.c	c.c	op.c	1.7	
	Stornoway	1020.0	58	WNW	3	c	1017.7	-1	54	-1	W	4	-	0	3	1	63	53	ocdf	cp	c.op	3.7	
	Castlebay (Barra Isd.)	1021.7	59	W	3	o	1020.3	0	58	+1	W	4	-	0	4	0.4	62	55	bc'op	op.co	o	2.6	
	Glasgow	1020.1	61	NW	2	b	1020.9	0	56	+5	W	2	N	cu	-	-	66	51	bm.bcc	c.o.c	cw	6.3	
	Eskdalemuir	1019.8	58	NW	1	bc	1021.2	0	53	0	SE	1	N	o	-	-	61	46	c.o	c.s.bc	bc.c.o	2.4	
	Malin Head	1023.4	59	N	3	bc	1022.9	0	58	+2	NW	4	NW	cg	5	-	60	55	bc	bc	cg	6.5	
	Blacksod Point	1024.4	59	NNW	3	bc	1025.5	?	56	0	WNW	2	NW	bc	2	-	61	52	bc	bc	bc	6.5	
	Valencia	1023.2	62	N	3	b	1026.9	+3	53	-3	-	0	N	b	2	-	66	50	bc	b	bc.c.b	12.4	
	Roche's Point	1023.3	60	S	1	c	1025.9	+	55	+2	NNW	3	N	bc	2	-	64	53	bc.c	c	c.b	-	
	Birr Castle	1023.4	60	NW	2	c	1026.1	+	50	0	NNW	1	-	b	-	-	63	48	c	c	b	3.3	
	Donaghadee	1021.4	57	N	4	bc.m	1022.5	0	55	+1	W	4	W	cg	3	-	69	51	bc.z	bc.m	bc.m.c	-	
	Liverpool (Bidston)	1020.5	58	WNW	2	o	1021.3	+1	58	+3	NW	3	W	bc	2	-	62	55	bc.m	c	c.o	3.1	
	Holyhead	1021.4	59	N	3	b	1023.5	+1	57	+1	NW	4	-	b	3	-	63	55	bc	bc.b	b.o.b.c	5.9	
	Pembroke (St. Ann's)	1021.7	56	NNW	2	b	1023.6	+1	56	0	N	3	N	bc	3	-	62	53	b	b	bv	12.6	
	Scilly (St. Mary's)	1021.0	60	NE	3	bcw	1022.9	+1	58	0	NNE	2	-	b	3	-	66	56	cm.bm	bm	bm.b	9.7	
	Falmouth	1020.5	64	N	2	bz	1022.7	+2	55	-1	N	2	-	bw	1	-	70	53	bc.c.bc	bc.bz	bw	9.8	
	Jersey (St. Aubin)	1019.7	66	N	2	b	1022.5	+	56	-5	N	1	-	bm	1	-	70	51	b.b.c	b	bm.wf	11.7	
	Portland Bill	1019.9	63	WNW	1	b	1021.6	+1	56	0	-	0	-	b	0	-	66	52	b	b	b	-	
	Dungeness	1019.7	62	E	1	c	1021.5	0	58	+5	-	0	-	c	0	0.2	67	52	gc.o	gc	bcp.bc	-	
	Dover	1020.2	60	NNE	2	b	1022.0	+1	60	+1	-	0	-	c	2	-	67	52	z.b	bc.bv	b.bcz.c	9.0	
NORTHERN EUROPE.	Wick	1017.9	57	NW	3	o	1015.8	-3	54	0	W	1	-	o	2	1	60	50	cg	any	any	-	
	Nairn	1018.9	58	WNW	2	o	1017.7	+	54	0	NW	2	-	o	2	1	65	51	c	bc.c	op.d	1.2	
	Aberdeen	1018.8	60	NW	2	c	1018.1	-1	55	+1	W	2	-	o	2	1	62	52	cg	cg.c	c.p	1.9	
	Leith	1019.3	61	NW	1	o	1020.1	-1	57	+3	WSW	3	W	c	-	Trace	65	54	bc.c	c.p	bc.b	-	
	Tynemouth	1020.1	58	N	1	c	1020.5	0	56	+1	NW	2	N	c	2	-	63	53	bc	c	c	-	
	Spurn Head	1021.1	60	NE	3	bc	1021.5	0	57	-3	WNW	3	-	cu	4	-	63	57	bcg	bc	bc	1.7	
	Yarmouth	1019.1	59	N	4	bc	1021.4	+2	54	-3	NW	2	NW	bc.m	2	-	63	49	omdo	o.b	bc	1.4	
	Clacton-on-Sea	1019.6	63	NNW	3	bc	1021.9	0	57	+1	NNW	1	N	c	1	-	65	53	c	c.b	bc.c	5.7	
	Nottingham	1019.6	61	E	1	b	1022.0	+	49	-6	W	1	-	m	-	Trace	65	47	c.o	c.bm	bm.cfb	1.5	
	Bath	1019.1	69	N	2	b	1022.2	+	53	+3	W	2	-	m	-	-	70	50	bm.c.b	bc.b	b.b.c.gm	10.1	
	Sth Farnborough	1018.9	67	NE	1	b	1021.3	+1	52	+1	-	0	-	few	-	-	69	49	bz.b	bc.b	bf	10.5	
	London (Kew Obsy.)	1019.6	66	NE	1	b	1021.9	+1	55	+2	-	0	-	cm	-	-	67	52	bmw.bz	bc.b	cz	9.3	
	Spitsbergen	1005.7	41	S	6	o	1004.3	0	43	+7	S	7	-	r	-	-	41	34	-	-	-	-	
	Vardö	1013.0	48	NE	1	o	1011.3	-1	50	+2	E	2	-	o	2	-	50	45	-	-	-	-	
	Bodö	1011.7	52	SE	2	c	1008.8	-1	52	+2	ESE	1	-	o	1	-	54	46	-	-	-	-	
	Christiansund	1011.0	57	NE	1	b	1009.5	-2	54	+2	-	0	-	c	1	-	59	52	-	-	-	-	
	Skudesnaes	1012.3	57	WNW	3	b	1012.8	0	57	+2	NNW	4	-	b	2	-	61	57	-	-	-	-	
	Færder (X'ania Fjord)	1011.4	61	E	1	bc	1011.8	0	61	+4	SSW	1	-	b	1	-	61	55	-	-	-	-	
	The Scaw (Skagen)	1010.1	59	SE	1	c	1012.3	+1	61	0	SSW	1	-	m	0	-	66	52	-	-	-	-	
Blaavands Huk	1009.7	61	N	3	c	1013.7	+3	57	-2	NNE	1	-	r	3	17	64	52	-	-	-	-		
FRANCE, &c.	Haparanda																						
	Hernösand																						
	Stockholm																						
	Wisby																						
	Karlstad																						
	Petrograd (5 a.m. G.M.T.)																						
	The Helder	1015.9	59	NW	5	c	1019.1	0	59	+2	NNW	3	-	r	2	3	61	55	-	-	-	-	
	C. Gris Nez	1019.5	61	NNE	4	bc	1021.9	+1	59	0	W	2	-	o	1	-	68	55	-	-	-	-	
	La Hève																						
	Ushant	1019.4	59	NE	3	b	1021.6	+	58	+1	NE	1	-	b	1	-	64	52	-	-	-	-	
Brest (St. Mathien)	1019.3	68	NE	2	bc	1023.1	+2	58	+2	E	2	-	m	1	-	75	55	-	-	-	-		
Rochefort (Ile d'Aix)	1016.4	72	NE	4	bc	1019.5	+2	60	-1	ESE	4	-	b	-	-	86	55	-	-	-	-		
Biarritz	1016.1	72	NW	1	bc	1016.9	+2	66	+3	SE	1	-	?	0	4	75	61	-	-	-	-		
Paris	1018.4	61	NE	1	b	1022.9	+3	54	0	NE	1	-	b	-	-	72	46	-	-	-	-		
Belfort																							
Lyons	1015.9	66	NNW	2	bc	1020.8	+	57	+1	NNW	3	-	b	-	-	74	53	-	-	-	-		
Nice																							
Perpignan	1014.0	70	NW	1	c	1016.9	+3	66	+3	SW	1	-	b	-	-	79	57	-	-	-	-		
Sanguinaire	*	76	S	2	c	*	+	71	-5	E	2	-	c	2	-	86	64	-	-	-	-		
SOUTHERN EUROPE.	Corunna (7 a.m.)	1013.1	70	NNW	4	c	1016.0	+1	63	-1	S	1	-	o	1	2	73	61	-	-	-	-	
	Madrid (8 a.m.)	1009.9	79	WNW	2	b	1016.2	+3	66	-1	SE	1	-	bc	-	-	82	61	-	-	-	-	
	Lisbon (9 a.m.)	1015.3	72	SW	5	b	1016.3	+1	66	0	-	0	-	b	5	-	75	64	-	-	-	-	
	Gibraltar	1013.9	72	W	5	b	1013.9	+	69	0	W	4	-	b	2	-	84	68	-	-	-	-	
	Rome																						
	Malta (8 a.m.)	*	*	*	*	*																	
	Azores (Horta, 8 a.m.)	1023.3	*	SSW	1	o	1021.0	+1	68	+2	-	0	-	o	0	-	79	66	-	-	-	-	
Madeira (Funchal)	1018.0	77	N	2	bc	1019.1	0	68	0	N	2	-	o	2	-	77	68	-	-	-	-		

### RAINFALL.

Equivalents of Millimetres.  
in Inches.

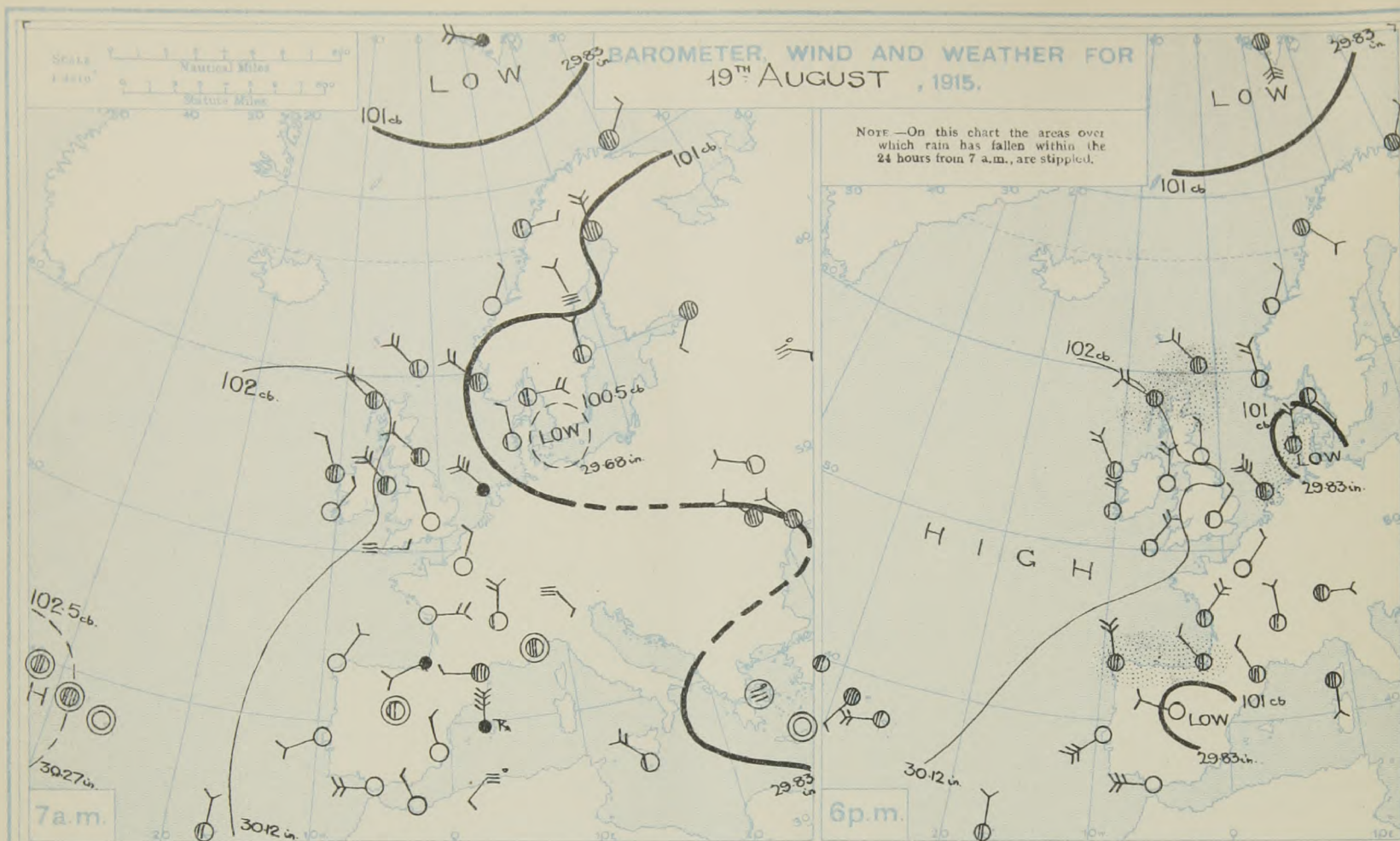
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.7		

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.62
17	0.67	42	1.66
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.7





FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No WARNINGS

ISSUED.

Western Channel and Bay 11

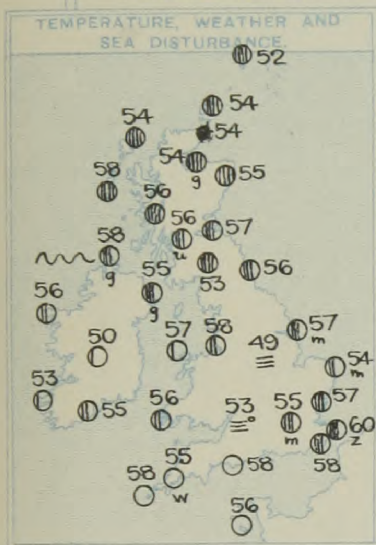
- |    |   |  |
|----|---|--|
| 0  | { | Westerly winds, freshening somewhat; cloudy and unsettled, rain at times; moderate temperature.                        |
| 1  |   |  |
| 2  | { | Light to moderate North-Westerly to Westerly winds; fair at first, somewhat less settled later; moderate (temperature. |
| 3  |   |  |
| 4  | { | Calm to light North-Westerly to Westerly airs; fair generally, morning mists; moderate temperature.                    |
| 5  |   |  |
| 6  | { | Same as Nos. 0 and 1.  |
| 7  |   |  |
| 8  | { | Same as No. 2.   |
| 9  |   |  |
| 10 | { | Same as Nos. 3 to 5.   |
| 11 |   |  |
| {  |   | Calm and light Northerly to North-Easterly airs; sea slight or smooth; fair generally.                                 |

FURTHER OUTLOOK.



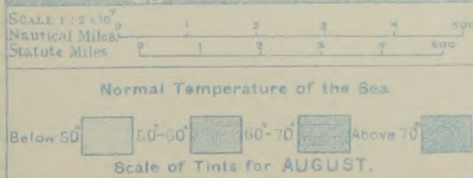
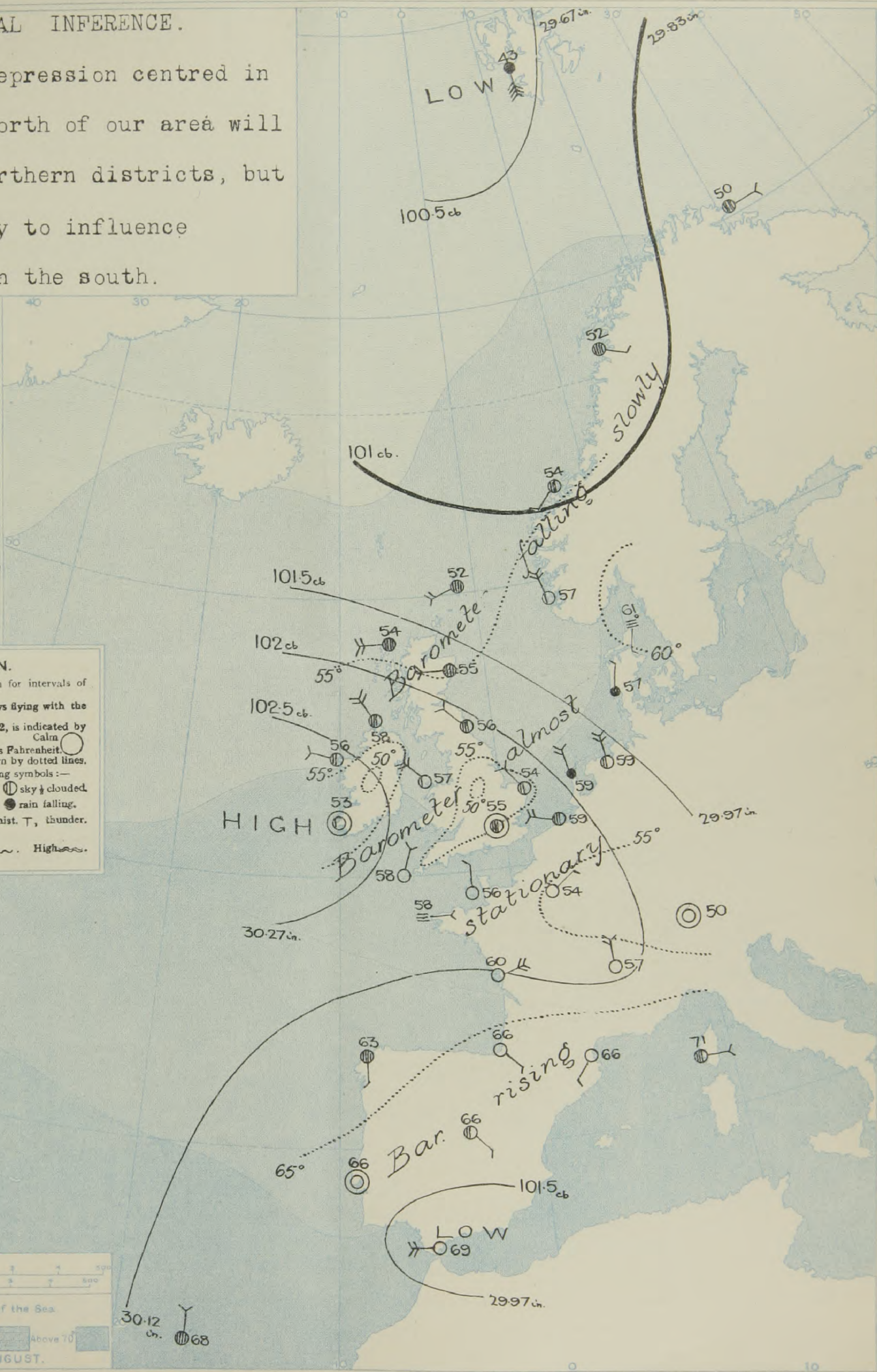
GENERAL INFERENCE.

The depression centred in the extreme north of our area will affect our northern districts, but it is unlikely to influence conditions in the south.



EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm.  
**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
 ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 Ts, thunderstorm.  
**SEA DISTURBANCE.**—Rough wavy. High wavy.





## DAILY WEATHER REPORT.

Friday, 20<sup>th</sup> August 1915.REPORTS  
FOR  
YESTERDAY.19<sup>th</sup> August

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
		° F.							° F.	° F.								
Petrograd	10060	55	NW	2	0	10079	+1	54	+2	SW	1	-	0	*	-	57	52	
Biarritz	10126	70	NNE	3	bc	10139	+1	63	-2	WSW	3	*	bc	2	3	75	63	
Sanguinaire	*	80	W	3	bc	*	*	76	+4	W	3	*	bc	2	-	88	66	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
	mm. & .	° F.	° F.			Hr.		mm. & .	° F.	° F.			Hr.
Scotland.	{ Oban ... ..	-	62	44	-	4.9	{ Tunbridge Wells ... ..	-	68	46	bc	bc	82
	{ Banff ... ..	0.3	60	53	bc	1.4	{ Margate ... ..	-	65	54	bc	bc	62
	{ Carnoustie ... ..	-	63	47	bc	4.2	{ Ramsgate ... ..	-	64	50	bc	bc	63
	{ St. Andrews ... ..	-	64	44	*	4.3	{ Hastings ... ..	-	68	54	bc	bc	6.9
Eng. N.E.	{ Harrogate ... ..	-	62	49	bc	2.8	{ Bexhill-on-Sea ... ..	-	68	51	c	c	7.0
	{ Skegness ... ..	-	61	53	bc	3.3	{ Eastbourne ... ..	-	66	51	bc	bc	8.9
Eng. N.W.	{ Morecambe ... ..	-	63	48	bc	6.4	{ Seaford ... ..	-	69	49	bc	bc	9.2
	{ Blackpool ... ..	-	65	56	bc	5.0	{ Brighton ... ..	-	69	52	bc	bc	9.5
	{ Southport ... ..	-	62	56	bc	5.5	{ Worthing ... ..	-	70	50	bc	bc	11.5
							{ Littlehampton ... ..	-	69	50	bc	bc	11.8
Midlands.	{ Buxton ... ..	-	63	51	bc	2.1	{ Bognor ... ..	-	70	50	bc	bc	11.2
	{ Leamington Spa ... ..	-	68	52	bc	6.5	{ Southsea ... ..	-	71	51	bc	bc	12.0
	{ Malvern ... ..	-					{ Bournemouth ... ..	-	71	47	bc	bc	11.0
	{ Ross-on-Wye ... ..	-	70	42	bc	10.0							
Wales.	{ Rhyl ... ..	-	61	55	bc	4.0	{ Weymouth ... ..	-	72	52	bc	bc	11.0
	{ Colwyn Bay ... ..	-	67	55	bc	9.8	{ Torquay ... ..	-	69	52	bc	bc	10.2
	{ Llandudno ... ..	-	65	53	bc	8.0	{ Paignton ... ..	-	68	49	bc	bc	8.5
	{ Aberystwyth ... ..	-	62	48	bc	1.0	{ Falmouth ... ..	-	70	53	bc	bc	9.6
	{ Tenby ... ..	-	68	48	bc	11.9	{ Penzance ... ..	-	70	54	bc	bc	4.2
England, E.	{ Cromer ... ..	-	59	54	bc	11	{ Newquay ... ..	-	63	49	bc	bc	11.0
	{ Lowestoft ... ..	-	62	53	bc	0.5	{ Ilfracombe ... ..	-	66	55	bc	bc	8.1
	{ Felixstowe ... ..	-	65	51	bc	5.6	{ Weston-super-Mare ... ..	-	65	50	bc	bc	11.2
	{ Walton-on-Naze ... ..	-	65	51	bc	7.8							
	{ Southend-on-Sea ... ..	-	68	53	bc	8.9							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.				
Greenwich (Royal Obs.) ...	54	79	8.4	64	50	4.2	bc	bc	bc
City (Bunhill Row) ...	*	*	9.5	*	*	*	*	*	*
Westminster (St. James's Pk.)	65	91	9.3	69	53	4.9	bc	bc	bc
Camden Sq. (Brit. Rainfall)	54	83	9.4	72	50	4.9	bc	bc	bc
Hampstead (Reservoir) ...	*	88	10.2	66	55	4.1	bc	bc	bc
Richmond Park ...	*	*	8.1						
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
S. Kensington (Roof of M.O.)	61	61	9.4	14.14	Joules	27.4	Milliwatts.	76	Milliwatts.

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

20 <sup>th</sup> August 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.45	G.M.T. 11.56	G.M.T. 7.8
Greenwich ...	4.46	11.56	7.6
Wick ...	4.55	12.3	7.12
Valencia ...	5.34	12.44	7.56

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded;  
c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail;  
l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder;  
u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. §	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.								*
Darwen to 9 p.m.	-	66	47	47	bca w	0.6c	bc	4.3
Manchester "	-	67	52	*	bcz w	c. bcz	bz. bc	3.6
Birmingham "	-	68	51	45	*	0. c	c b	7.2
Oxford to 8 p.m.	*							*
Teignmouth to 9,,	3	70	50	49	bca	b	bca. ca	10.5
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	-	69	52	46	b	b. bc	c. bc. b	*

## NOTES ON YESTERDAY'S WEATHER.

Fair weather prevailed over the greater part  
of the country, over 10 hours of bright sunshine being  
measured at many southern stations. Rain fell during  
the night in the extreme north.The Daily Weather Report is sent free by post to any address in the  
United Kingdom on payment of £1 per annum, for postage and wrappers.  
Single copies 1d. at M.O. and at the bookstalls at certain Railway  
Termini in London.

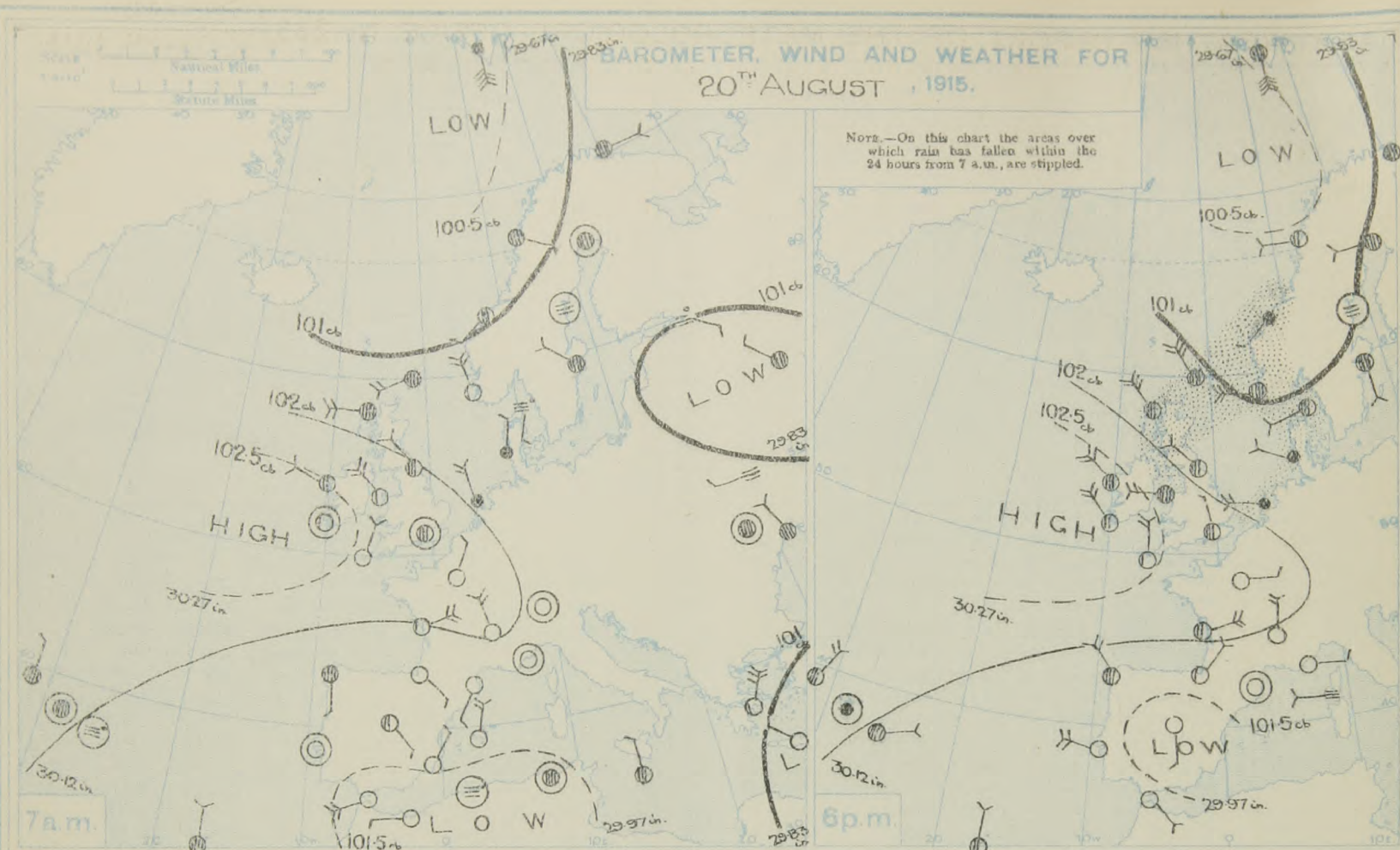


1915.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 233. Saturday, 1st August, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1010.6	52	NW	5	om	1016.8	+1	49	-3	NW	3	-	om	3	1	57	48	omd	omd	om	Hours.
	Deerness	1012.8	55	WNW	5	c	1018.9	+1	51	-3	WNW	3	-	o	2	2	58	50	op.o	op.c	c.o	0.2
	Stornoway	1019.0	57	NW	5	c	1021.6	+1	55	+1	NW	2	-	o	2	1	59	52	opq	opq	c.o	1.0
	Castlebay (Barra Isd.)	1020.1	57	W	4	op	1022.7	+1	56	-2	W	3	-	o	3	2	58	53	op.o	op	op.o	0.0
	Glasgow	1019.4	56	W	3	c	1021.6	+3	51	-5	WNW	1	N	c	0.1	59	49	op.o	op.o	c.b.c	0.5	
	Eskdalemuir	1019.7	54	W	4	op	1021.1	+1	53	0	WNW	4	N	c	0	-	60	49	o	o	op.c.b.c	0.5
	Malin Head	1022.2	57	NW	6	cq	1023.6	+1	56	-2	NW	5	NW	cq	6	2	60	53	cq	cq	cq	0.1
	Blacksod Point	1026.1	59	WNW	4	om	1026.5	0	57	+1	WNW	4	NW	om	3	-	62	54	bc	bc	om.b.c	0.1
	Valencia	1027.4	62	NW	4	bc	1028.3	0	59	+6	NW	1	NW	o	3	-	64	53	bc	bc	bc.c.o	13.0
	Roche's Point	1026.7	63	NW	2	o	1027.6	0	58	+3	WNW	3	-	o	2	-	68	55	bc.c	bc.c.o	b.o	0
	Birr Castle	1025.9	59	NW	1	c	1026.3	0	57	+7	W	3	-	o	0	0	64	50	c	c	o	3.5
	Donaghadee	1021.6	59	W	3	cqmp	1022.9	+2	56	+1	NW	4	NW	c	3	0.4	63	54	opmp	opmp	opmp	0
	Liverpool (Bidston)	1021.3	57	W	4	o	1021.6	+3	57	-1	WNW	4	W	o	3	1	62	55	bc	o	op	4.2
	Holyhead	1023.4	59	W	3	o	1023.3	+1	58	+1	NW	5	NW	opdq	5	Trace	64	56	b.b.c.c.o	op.o.c	o.c.o	6.0
	Pembroke (St. Ann's)	1024.9	58	WNW	1	c	1024.9	0	57	+1	NW	3	NW	c	3	-	63	56	bc	b	c	9.1
	Scilly (St. Mary's)	1025.1	61	N	3	b	1026.1	+1	59	+1	NNW	3	-	b	3	-	64	56	bc	b	b	12.4
	Falmouth	1024.7	62	N	2	b	1025.2	+1	58	+3	NW	2	-	b	1	-	66	54	bc	b	bc	10.8
	Jersey (St. Aubin)	1022.9	65	WNW	3	b	1024.1	0	60	+4	NNW	3	NW	c	1	-	69	55	f.m.b	b	bc	11.1
	Portland Bill	1021.8	62	W	3	b	1022.6	0	60	+2	NNW	3	NW	bc	2	-	64	57	b	b	b.b.c	0
	Dungeness	1020.5	62	SW	1	cp	1020.1	0	58	0	W	2	W	c	1	2	65	54	bc.o	op.b.c	bc.o.b.c	0
	Dover	1021.1	60	-	0	c	1020.0	0	59	-1	NW	4	NW	c	2	0.1	69	55	c.b.c	bc.c	bc.c	4.3
Wick	1014.0	55	W	3	o	1019.4	+1	51	-3	NW	3	-	o	2	2	59	49	omd	omd	omd	0	
Nairn	1016.0	58	WNW	3	cq	1021.4	0	54	0	NW	1	-	c	1	0.6	60	50	dc.o	qbc	cgu	0.3	
Aberdeen	1015.5	54	W	3	o	1020.0	+2	53	-2	NW	2	-	o	3	3	60	52	c.o	op.o	c.b.c	0.0	
Leith	1017.9	58	WSW	2	o	1020.8	+3	54	-3	WSW	1	-	c	2	Trace	63	50	c.o	o	o.c	0	
Tynemouth	1018.9	60	WNW	2	c	1019.7	+2	55	-1	N	2	N	c	3	-	63	54	c	cm	c	0	
Spurn Head	1020.7	62	N	4	om	1018.9	0	56	-1	N	6	-	cq	5	0	68	55	cm	c.om	om	0.6	
Yarmouth	1019.0	62	WSW	3	c	1017.9	+2	56	+2	NW	4	NW	cm	2	Trace	67	54	bc	cm	cm	5.7	
Clacton-on-Sea	1020.7	63	S	4	bc	1019.5	0	55	-2	NW	3	NW	o	1	0.2	66	56	c.b.c	bc	bc.cgd	5.3	
Nottingham	1020.9	62	NW	3	o	1020.3	0	58	+9	NW	3	NW	bc	0	0	66	48	f.m.c	c.o	o.c	2.6	
Bath	1022.7	67	NNW	1	b	1022.9	0	58	+5	NW	1	NW	o	0	0	70	52	m.a.b.c.d	b.b.c	b.b.c	7.1	
Sth Farnborough	1020.4	66	NW	2	b	1021.0	0	56	+4	W	2	W	bc	0	0	69	52	m.bz.b.c	bcz.b	bz.b.c	4.8	
London (Kew Obsy.)	1020.9	67	NNW	1	c	1021.1	+1	58	+3	NNW	3	NW	o	0	0	69	54	bc.b.c	c.b.c	c	4.9	
NORTHERN EUROPE.	Spitsbergen	1005.3	41	S	8	o	1005.2	0	39	-4	-	0	-	o	0	0	43	37	o	o	o	0
	Vardö	1010.3	48	SE	1	o	1011.2	0	52	+2	SE	1	-	o	2	0	50	46	o	o	o	0
	Bodö	1005.2	54	W	2	bc	1009.2	+2	55	+3	-	0	-	o	0	0	59	48	o	o	o	0
	Christiansund	1006.9	54	SW	1	o	1009.7	+2	52	-2	-	0	-	o	2	8	57	52	o	o	o	0
	Skudesnaes	1008.6	54	W	5	o	1010.1	+1	57	0	NNW	5	-	b	2	19	54	50	o	o	o	0
	Færder (Xtania Fjord)	1007.9	63	SW	4	c	1008.2	+1	59	-2	SW	1	-	o	1	0	64	59	o	o	o	0
	The Scaw (Skagen)	1011.3	59	WSW	2	c	1010.0	0	57	-4	SW	3	SW	o	3	3	64	55	o	o	o	0
	Blaavands Huk	1014.9	57	NW	2	o	1014.5	-1	57	0	W	2	-	o	3	9	61	54	o	o	o	0
	Haparanda	1010.1	52	W	2	o	1013.2	+2	46	-8	N	2	-	f	0	0	59	39	o	o	o	0
	Hernösand	1009.7	57	-	0	f	1010.1	+1	57	+5	-	0	-	bc	0	0	59	50	o	o	o	0
FRANCE, &c.	Stockholm	1011.0	59	S	2	o	1010.9	+1	59	+7	S	2	-	c	0	0	64	50	o	o	o	0
	Wisby	1012.0	57	N	2	bc	1012.4	0	54	+2	SE	2	-	m	0	0	59	46	o	o	o	0
	Karlstad	1012.0	61	N	2	b	1009.1	0	59	+1	SW	2	-	o	0	0	66	52	o	o	o	0
	Petrograd	1018.3	61	W	3	o	1014.6	0	57	-2	NW	4	-	f	3	4	63	57	o	o	o	0
	The Helder	1021.2	61	SW	2	o	1020.6	+1	59	0	WNW	4	-	o	4	0	66	57	o	o	o	0
	C. Gris Nez	1021.1	64	NNW	2	m	1014.1	0	62	-	NW	1	-	o	2	0	68	57	o	o	o	0
	La Hève	1023.5	62	NE	3	b	1025.6	0	59	+1	NE	3	-	b	2	0	66	54	o	o	o	0
	Ushant	1024.0	67	N	3	bc	1025.5	0	57	-1	NNE	3	-	b	1	0	70	55	o	o	o	0
	Brest (St. Mathieu)	1020.3	73	ESE	4	bc	1023.7	+3	60	0	E	3	-	b	0	0	84	58	o	o	o	0
	Rochefort (Ile d'Aix)	1017.2	71	NE	2	b	1020.7	+1	71	+5	-	0	-	b	0	0	75	63	o	o	o	0
SOUTHERN EUROPE.	Biarritz	1021.7	63	-	0	b	1021.5	0	57	+3	S	1	-	o	0	0	68	52	o	o	o	0
	Paris	1020.0	66	N	3	b	1021.7	0	57	0	NNW	1	-	b	0	0	72	52	o	o	o	0
	Belfort	1015.3	66	E	1	b	1016.2	0	67	+1	-	0	-	b	0	0	68	57	o	o	o	0
	Lyons	1016.2	73	-	0	b	1019.4	+1	68	+2	SW	1	-	b	0	0	84	57	o	o	o	0
	Nice	1016.2	73	-	0	b	1019.4	+1	68	+2	SW	1	-	b	0	0	84	57	o	o	o	0
	Perpignan	1016.2	73	-	0	b	1019.4	+1	68	+2	SW	1	-	b	0	0	84	57	o	o	o	0
	Sanguinaire	1016.2	75	W	2	m	1017.6	0	74	+3	SE	3	-	m	3	0	77	66	o	o	o	0
	Corunna (7 a.m.)	1016.8	72	NW	3	c	1021.3	+2	63	0	S	1	-	m	1	0	72	59	o	o	o	0
	Madrid (8 a.m.)	1012.2	82	-	0	b	1019.5	+3	70	+4	ESE	1	-	b	0	0	84	64	o	o	o	





**FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings issued.

Western Channel and Bay. 11

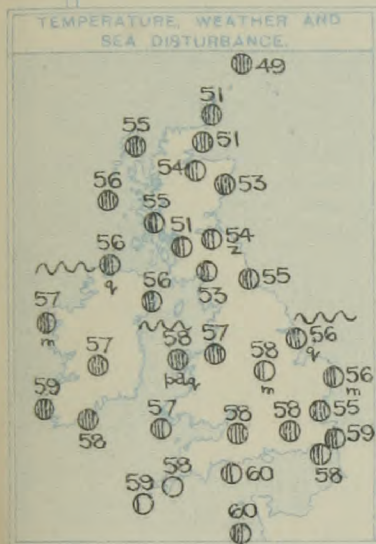
- |    |   |  |
|----|---|--|
| 0  | { | Light Westerly and North-Westerly winds; cloudy generally, slight rain locally; cool.            |
| 1  | { | Light or moderate North-Westerly winds; weather mostly fair, but some local showers; cool.       |
| 2  | { |  |
| 3  | { |  |
| 4  | { |  |
| 5  | { | Same as No. 0  |
| 6  | { |  |
| 7  | { | Moderate North-Westerly winds; cool, cloudy, slight local showers.                               |
| 8  | { | Light North-Westerly winds; fair, cool.  |
| 9  | { | Same as No. 7  |
| 10 | { | Same as No. 8.   |
| 11 | { | Light breezes from North or North-West, and a slight sea. Fair generally, misty in places; cool. |

**FURTHER OUTLOOK.**



# GENERAL INFERENCE

The depression over Scandinavia appears to be moving eastward. Small irregularities in pressure over the North Sea will probably occasion local showers in our northern and eastern districts.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

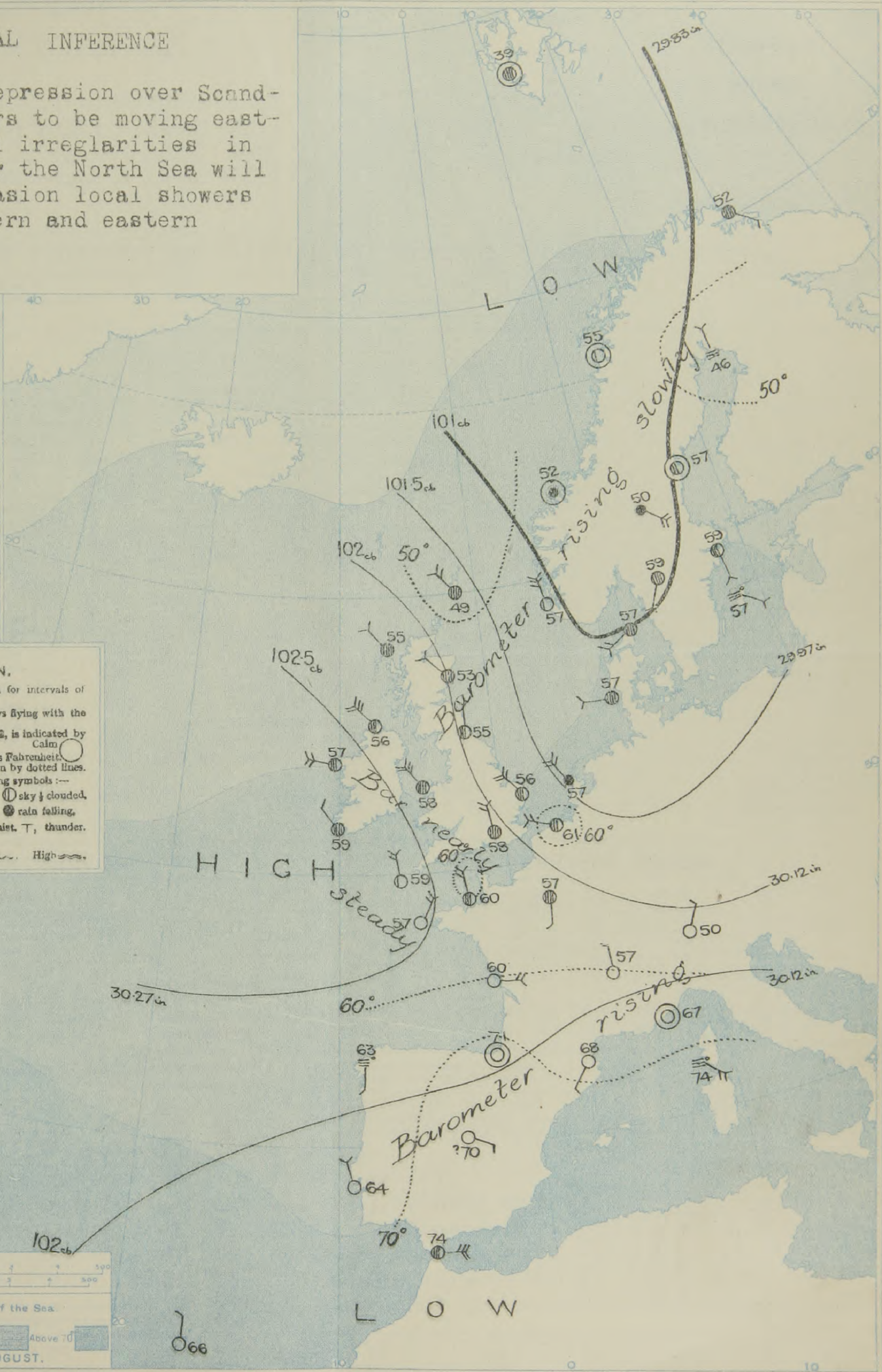
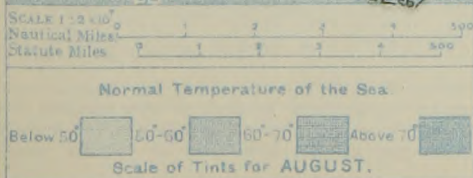
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ○ rain falling.  
 ✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~~ High ~~~~

hches  
—31

30

29





## DAILY WEATHER REPORT.

Saturday, 21<sup>st</sup> August 1915.REPORTS  
FOR  
YESTERDAY.20<sup>th</sup> August

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
		°F.						°F.	°F.									
Haparanda	1010.1	54	N	2	0	1010.1	0	54	+2	-	0	-	0	*	-	55	50	
Hermosa	1011.9	54	-	0	0	1011.1	0	52	0	-	0	-	0	*	-	61	48	
Stockholm	1009.7	55	N	2	0	1011.4	+1	52	-3	NW	2	-	0	*	-	61	46	
Wibby	1009.7	57	NNE	2	0	1011.5	+1	55	-4	NNE	2	-	0	*	-	64	50	
Karlstad	1011.1	59	-	0	0	1012.3	0	57	0	-	0	-	0	*	-	64	50	
Petrograd	1009.2	57	NE	2	0	1010.0	0	55	+1	SE	2	-	0	*	-	59	54	
Nice	1011.9	67	-	0	0	1011.7	0	66	-1	-	0	-	0	*	-	79	57	
Malta	*	*	*	*	*	1016.7	+5	79	-2	NNW	1	NW	0	*	-	82	75	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	0.3	53	53	0	0	0.0	Tunbridge Wells ...	-	72	51	0.0c.0	0	6.5
Banff ...	2	60	52	0	0	0.2	Margate ...	-	68	57	b.c	b.c	4.4
Carnoustie ...	0.5	60	52	0	0	0.7	Ramsgate ...	-	65	55	3.0c	0.6c	4.3
St. Andrews ...	1	61	51	*	*	0.7	Hastings ...	5	65	55	0.6c	0.6c	3.2
England, N.W.	-	64	49	c.0c	c.0	1.8	Bexhill-on-Sea ...	Trace	67	56	c.0c	2.0c	6.9
Harrogate ...	-	64	49	c.0c	c.0	1.8	Eastbourne ...	-	68	52	0.0c.0	0.0c.0	7.6
Skegness ...	-	68	52	c.0.0	0.0	1.3	Seaford ...	-	-	-	-	-	-
England, N.E.	-	64	47	0c	0c	3.2	Brighton ...	-	69	51	c.0c	0c.0	7.6
Morecambe ...	-	64	47	0c	0c	3.2	Worthing ...	-	69	52	0	0.0c	9.0
Blackpool ...	1	63	54	c.0	0c	3.2	Littlehampton ...	-	67	62	0.6c	0	8.7
Southport ...	-	62	51	c.0c.0	0c	4.6	Bognor ...	0.1	70	54	0	0	9.4
Midlands.	-	62	48	0c	0c	1.8	Southsea ...	-	66	54	0c	0c	8.5
Buxton ...	-	62	48	0c	0c	1.8	Bournemouth ...	-	71	50	0c	0c.0	11.0
Leamington Spa ...	-	67	49	c.0c	0c	5.3	Weymouth ...	-	70	51	0	0	11.8
Malvern ...	-	69	49	0c.0	0c.0	8.6	Torquay ...	-	70	51	0	0	11.7
Ross-on-Wye ...	-	69	49	0c.0	0c.0	8.6	Paignton ...	-	70	50	0	0	11.4
Wales.	-	62	54	c.0c	0c	4.0	Falmouth ...	-	65	52	0c	0	10.5
Rhyl ...	-	64	58	0c	0c	2.7	Penzance ...	-	68	55	0c	0.0c	12.0
Colwyn Bay ...	-	65	54	0c.0	0c.0	4.6	Newquay ...	-	63	57	b.0c.0	0	10.0
Llandudno ...	-	62	48	0c.0	0c.0	8.5	Ilfracombe ...	-	66	55	0c.0	0	10.5
Aberystwyth ...	-	68	48	0	0	11.4	Weston-super-Mare ...	-	69	51	0	0.0c	9.0
Tenby ...	-	68	48	0	0	11.4							
England, E.	-	67	53	0c	c.0c.0	2.0							
Cromer ...	-	68	49	0c.0c	0c.0	4.6							
Lowestoft ...	-	66	53	0c	0c.0	3.8							
Felixstowe ...	-	65	54	c.0c	c.0c.0	3.7							
Walton-on-Naze ...	-	69	54	c.0	0c.0	6.9							
Southend-on-Sea ...	-	69	54	c.0	0c.0	6.9							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obs.) ...	53	74	8.7	72	55	50	-	bc	bc	c.c.c
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	65	44	6.7	71	55	50	-	bc	bcw	bc.c
Camden Sq. (Brit. Rainfall)	50	69	6.1	73	54	51	-	b3	bc.b	*
Hampstead (Reservoir) ...	*	76	5.8	70	52	42	-	bc	bc	c
Richmond Park ...	*	*	*	*	*	*	*	*	*	*
Kew. (See front page.)	*	*	*	*	*	*	*	*	*	*
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.		Average Rate.		Max. Rate.		
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				142.0 Joules		27.6 Milliwatts.		62 Milliwatts.		
S. Kensington (Roof of M.O.)	53	74	6.5							

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
.	mm.‡	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.								
Darwen to 9 p.m.	0.3	65	50	45	b.c.w	b.c	b.c.w	3.1
Manchester "	Trace	66	53		b.c.oz	oz	opz	2.8
Birmingham "	-	66	49	41		o	c	2.7
Oxford to 8 p.m.	*							*
Teignmouth to 9,,	0.3	71	54	51	b.b.c.p.p	b	b	11.8
Plymouth "								
S. Kensington (Museum Grounds to 6p.m.)	-	72	55	48	b	b.c.z	b.c.o.o	*

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° over the greater part of England, and reached 71° at Bournemouth. Showers fell at most of our northern and eastern stations, and thunder was heard at Dover. A considerable amount of bright sunshine was recorded on our south-west coasts.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 234. Sunday 22<sup>nd</sup> August 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yesterday.
		Barom. Milli- bars at M.S.L.	TEMP. F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 24 hours.	TEMP. F.	WIND.	Dices. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Dir.	Force 0-12.										Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick	1018.0	52	-	0	om	1014.9	-1	55	+6	SW	4	-	omd	3	5	55	48	0	om	om	0.1
	Deerness	1019.3	54	-	3	oc	1017.6	-	56	+6	SW	4	-	oe	2	9	56	53	0	bc	bc	0.1
	Stornoway	1021.2	60	WSW	5	ofg	1019.7	+1	55	0	WSW	3	-	adp	3	1	61	55	ocdp	cpq	odp	0.9
	Castlebay (Barra Isd.)	1023.2	59	-	3	0	1022.0	0	59	+3	-	4	-	om	4	1	61	55	ofc	c bc	ofm	1.9
	Glasgow	1022.3	59	WNW	3	0	1023.4	0	56	+5	-	3	-	0	-	-	64	51	c	c	omogm	4.7
	Eskdalemuir	1022.4	59	WNW	3	0	1024.1	+1	56	+3	-	2	-	oe	-	-	63	53	c bc	c	o bc	5.7
	Malin Head	1025.4	58	WNW	5	og	1025.2	0	58	+2	-	4	-	om	4	1	59	55	cpq	cp	om	0.7
	Blacksod Point	1028.1	59	WNW	3	bc	1027.5	0	58	+1	-	2	-	om	2	-	61	54	bc	bc	bc	-
	Valencia	1029.0	61	WNW	2	0	1030.0	+1	59	0	-	0	-	om	2	-	66	57	oc	c	c bc	6.7
	Roche's Point	1028.9	60	WNW	2	0	1029.6	-	55	-3	-	1	-	c	1	0.2	64	54	0	og	oc	-
	Birr Castle	1028.1	61	-	1	0	1028.7	-	55	-2	-	1	-	c	-	-	62	50	0	0	c	0.0
	Donaghadee	1024.1	57	-	4	om	1023.2	+2	57	+1	-	3	-	ogm	2	-	61	55	bc	bc	ogm	-
	Liverpool (Bidston)	1023.1	59	WNW	4	c	1025.4	0	59	+2	-	3	-	0	3	-	63	57	c	c	0	5.7
	Holyhead	1024.9	61	WNW	2	og	1026.7	+1	59	+1	-	4	-	om	3	-	65	57	oc	c bc	ofc	5.5
	Pembroke (St. Ann's)	1025.8	59	-	1	c	1028.0	+2	58	+1	-	2	-	c	1	-	62	56	c	c	c	5.3
	Scilly (St. Mary's)	1026.8	62	WNW	4	b	1028.1	+1	59	0	-	3	-	c	3	-	65	57	bc	bc	bc	12.1
	Falmouth	1026.2	62	WNW	2	bc	1027.3	+2	60	+2	-	2	-	bc	1	-	66	55	bc	bc	bc	11.7
	Jersey (St. Aubin)	1024.3	64	WNW	3	0	1026.2	-	62	+2	-	3	-	bc	2	-	67	56	c	c	0	5.8
	Portland Bill	1023.2	62	WNW	4	b	1026.0	-	61	+1	-	3	-	bc	2	-	64	58	bc	bc	bc	-
	Dunegness	1025.0	63	NNE	1	0	1024.9	+3	58	0	-	2	-	c	2	-	68	54	bc	bc	c	-
	Dover	1021.5	59	-	2	b	1024.8	0	61	+2	-	5	-	b	3	-	66	53	bc	bc	bc	14.7
Wick	1020.1	55	WNW	2	2	1018.5	0	56	+5	-	2	-	c	2	3	63	50	om	om	om	-	
Nairn	1021.0	57	-	1	og	1019.6	-	60	+6	-	3	-	om	2	0.2	60	53	c	og	og	0.0	
Aberdeen	1021.3	57	WNW	2	2	1021.2	+1	57	+4	-	1	-	0	1	1	59	53	ocg	of	of	0.4	
Leith	1021.7	62	WNW	1	0	1022.5	0	59	+5	-	3	-	0	-	-	64	54	c	c	0	-	
Tynemouth	1021.9	57	NE	1	og	1023.1	+1	55	0	-	2	-	om	3	-	59	53	bc	og	om	-	
Spurn Head	1023.2	60	-	6	og	1024.6	+2	57	+1	-	4	-	om	5	Trace	61	55	bc	bc	og	1.7	
Yarmouth	1020.8	57	NNE	6	bc	1024.6	+5	54	-2	-	2	-	bc	2	-	63	52	om	bc	bc	6.8	
Clacton-on-Sea	1021.1	62	WNW	4	bc	1024.9	+4	57	+2	-	2	-	bc	1	-	65	53	c	c	bc	7.4	
Nottingham	1021.9	61	E	1	0	1024.6	-	58	0	-	1	-	bc	-	0.2	65	53	bc	c	op	6.1	
Bath	1022.8	64	-	2	b	1027.4	-	60	+2	-	1	-	bc	-	-	69	52	og	bc	c	7.4	
Sth Farnborough	1021.5	64	WNW	1	b	1025.3	+3	57	+1	-	1	-	0	-	-	68	54	bc	bc	bc	6.8	
London (Kew Obsy.)	1021.7	64	WNW	1	bc	1025.6	+3	58	0	-	1	-	0	-	-	68	56	oc	c	bc	4.7	
NORTHERN EUROPE.	Spitsbergen	1005.6	37	SSE	6	0	1002.9	-2	36	-3	NW	2	-	0	-	39	34	-	-	-	-	
	Vardö	1013.1	50	SE	1	0	1013.7	0	54	+2	SW	3	-	b	2	-	54	46	-	-	-	-
	Bodö	1013.1	55	-	1	b	1011.3	-1	55	0	E	2	-	b	1	-	59	50	-	-	-	-
	Christiansund	1015.4	54	WNW	1	c	1012.6	0	52	0	SW	1	-	0	2	-	55	48	-	-	-	-
	Skudesnaes	1013.6	55	WNW	7	b	1019.1	+3	55	-2	WNW	2	-	c	2	-	59	48	-	-	-	-
	Færder (X'ania Fjord)	1012.2	61	-	0	b	1017.7	+3	59	0	NE	1	-	b	1	-	64	57	-	-	-	-
	The Scaw (Skagen)	1014.4	59	-	0	bc	1017.3	+4	63	+6	-	0	-	bc	6	2	63	54	-	-	-	-
	Blaavands Huk	1012.6	59	WNW	1	b	1018.1	+3	61	+4	-	1	-	bc	3	3	63	54	-	-	-	-
	Haparanda	1014.4	55	-	2	0	1015.8	0	48	+2	NE	2	-	f	-	-	61	37	-	-	-	-
	Hernösand	1013.7	57	-	0	b	1015.8	-	55	-2	-	0	-	f	-	-	64	50	-	-	-	-
FRANCE, &c.	Stockholm	1013.1	57	SSE	2	0	1016.4	+1	59	0	-	0	-	c	-	3	61	50	-	-	-	-
	Wisby	1013.3	59	SSE	2	c	1017.6	+3	61	+4	ENE	2	-	m	-	-	63	50	-	-	-	-
	Karlstad	1012.0	57	-	0	c	1017.6	+4	54	-5	-	0	-	f	-	4	70	52	-	-	-	-
	Petrograd (G.M.T.)	1016.2	57	-	5	c	1021.7	+3	59	+2	N	3	-	b	3	4	61	55	-	-	-	-
	The Helder	1020.6	61	NNE	4	bc	1023.9	+3	59	0	N	4	-	bc	3	-	66	57	-	-	-	-
	C. Gris Nez	1024.5	62	NE	3	bc	1027.7	-	60	+1	NE	1	-	b	2	-	73	54	-	-	-	-
	La Hève	1027.4	63	WNW	3	bc	1027.4	+1	57	0	N	1	-	b	-	-	70	-	-	-	-	-
	Ushant	1022.7	68	WNW	5	bc	1025.6	+2	60	0	NNE	3	-	bc	-	-	75	55	-	-	-	-
	Brest (St. Mathieu)	1022.0	72	-	2	b	1024.3	0	64	-7	SE	2	-	bc	0	-	77	61	-	-	-	-
	Rochefort (Ile d'Aix)	1020.7	63	WNW	3	b	1024.0	+4	55	-2	N	2	-	0	-	Trace	68	52	-	-	-	-
SOUTHERN EUROPE.	Biarritz	1022.0	72	-	2	b	1024.3	0	64	-7	SE	2	-	bc	0	-	77	61	-	-	-	-
	Paris	1020.7	63	WNW	3	b	1024.0	+4	55	-2	N	2	-	0	-	Trace	68	52	-	-	-	-
	Belfort	1022.0	-	-	-	b	1022.0	-	50	0	W	4	-	0	-	-	75	54	-	-	-	-
	Lyons	1019.9	68	WNW	1	bc	1022.0	-	57	0	N	1	-	0	-	-	75	54	-	-	-	-
	Nice	1013.1	65	-	0	b	1008.8	0	64	-3	-	0	-	bc	1	-	72	59	-	-	-	-
	Perpignan	1017.9	75	WNW	3	b	1019.4	0	68	0	NW	4	-	c	-	-	88	-	-	-	-	-
	Sanguinaire	1019.4	75	WNW	3	b	1019.4	0	68	0	NW	4	-	c	-	-	88	-	-	-	-	-
	Corunna (7 a.m.)	1021.1	73	NNE	5	bc	1023.8	+2	66	+3	NE	1	-	b	1	-	77	57	-	-	-	-
	Madrid (8 a.m.)	1015.8	84	-	0	b	1020.2	+2	72	+2	NE	1	-	b	-	-	88	66	-	-	-	-
	Lisbon (9 a.m.)	1017.6	77	WNW	4	b	1019.4	0	68	+4	N	2	-	b	2	-	82	66	-	-	-	-
Gibraltar	1015.0	79	-	2	b	1015.0	+2	79	-2	NNW	3	-	b	2	-	86	75	-	-	-	-	
Rome	1016.3	71	-	0	b	1016.3	+1	61	-6	-	0	-	0	2	6	72	61	-	-	-	-	
Malta (8 a.m.)	1016.3	71	-	0	b	1016.3	+1	61	-6	-	0	-	0	2	6	72	61	-	-	-	-	
Azores (Horta, 8 a.m.)	1019.8	73	ENE	1	bc	1021.1	+2	68	+2	E	1	-	b	1	-	73	68	-	-	-	-	
Madeira (Funchal)	1019.8	73	ENE	1	bc	1021.1	+2	68	+2	E	1	-	b	1	-	73	68	-	-	-	-	

### RAINFALL.

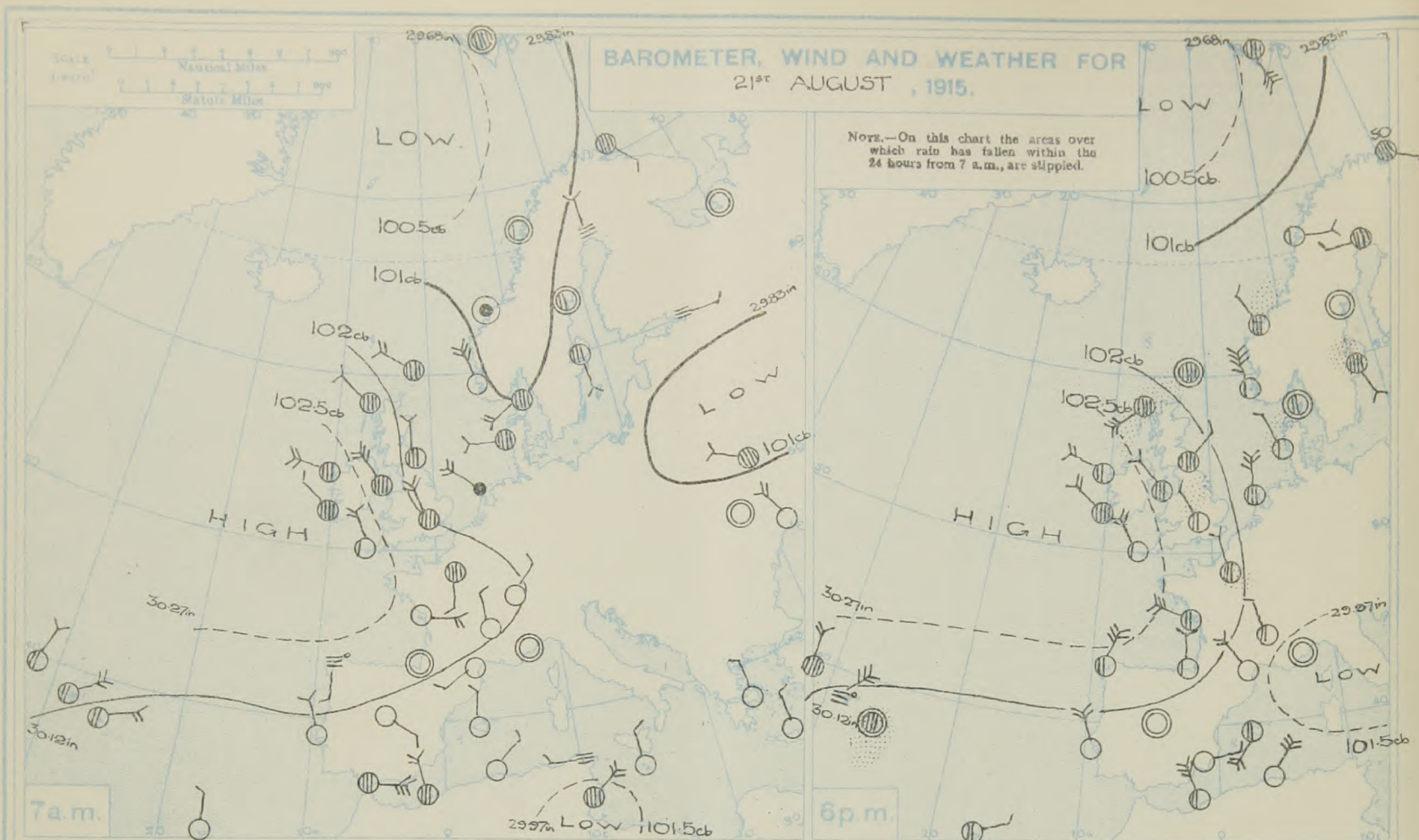
Equivalents of Millimetres.  
in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46

## RAINFALL. Equivalents of Millimetres. in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.62
17	0.67	42	1.66
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





#### FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

##### FORECAST DISTRICTS.



##### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Cone.   
North Cone. 

Signals hoisted this morning.

South Cone.   
North Cone. 

No Warnings Issued.

Western Channel and Bay

Freshening South-Westerly to Westerly winds; dull, occasional rain; normal temperature.

Moderate Westerly to North-Westerly winds; cloudy, local showers; normal temperature.

Light or moderate North-Westerly winds; fair generally, but mist or fog locally at night; becoming warmer.

Same as No. 1.

Same as Nos. 2 to 5.

Light breezes from between West and North; fair generally; becoming warmer.

Light breezes, chiefly Northerly, with a slight sea; fair generally, misty in places; normal temperature.

##### FURTHER OUTLOOK.



# GENERAL INFERENCE.

The anticyclone in the south-west will continue to spread north-eastward, and fair weather will prevail in all but our extreme northern districts, where the conditions will be influenced to some extent by depressions moving between Iceland and the Norwegian coasts



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**WIND.**—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers.

**TEMPERATURE.**—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
 ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~~ High ~~~~.

Inches  
—31

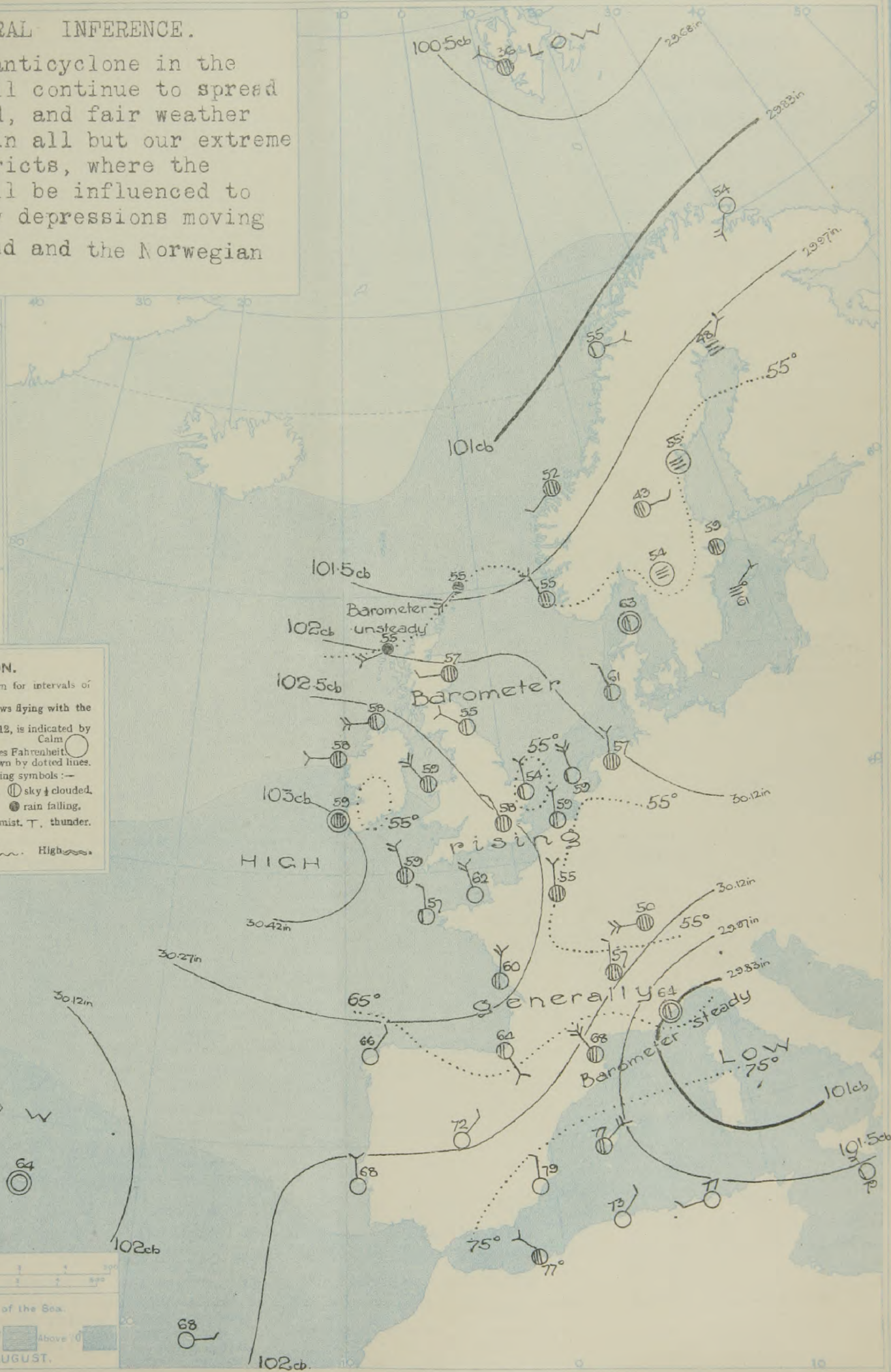
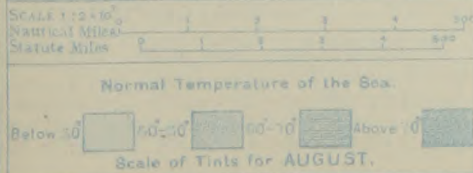
ir  
ng

30

29

light  
temperature

Director





## DAILY WEATHER REPORT.

Sunday, 22nd August, 1915.

REPORTS  
FOR  
YESTERDAY.

21st August 1915.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
	Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Direc.	Force 0-12.					Max.	Min.
		° F.							° F.	° F.							
Religroed	1010.7	57	NW	1	r	1011.3	0	54	-1	E	1	-	f	*	13	64	52
Malta.	*	*	*	*	*	1015.4	+2	51	+2	N	1	-	c	0	-	88	77

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall. mm.†	Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				
Scotland.		° F.	° F.			Hr.	England, S.E.		Hr.
Oban ...	1	61	53	c	bc.c	2.0	Tunbridge Wells ...	0	3.4
Banff ...	1	58	53	c	cd	0.0	Margate ...	0.1	5.1
Carnoustie ...	-	64	50	c	cg.c	3.6	Ramsgate ...	-	2.6
St. Andrews ...	-	-	-	*	*	-	Hastings ...	-	4.8
England, N.E.							Bexhill-on-Sea ...	-	6.2
Harrogate ...	-	64	53	bc.b.c	b.bc.c	6.5	Eastbourne ...	-	5.1
Skegness ...	-	62	53	ou.bc	o	6.8	Seaford ...	-	7.1
England, N.W.							Brighton ...	-	8.7
Morecambe ...	-	-	-	-	-	-	Worthing ...	-	-
Blackpool ...	-	-	-	-	-	-	Littlehampton ...	-	7.5
Southport ...	-	62	56	p.bc	bc	7.2	Bognor ...	-	7.8
Midlands.							Southsea ...	-	-
Buxton ...	5	62	52	c	c	3.0	Bournemouth ...	-	3.0
Leamington Spa ...	-	67	55	bc.c	bc	7.3	Weymouth ...	-	2.4
Malvern ...	-	-	-	-	-	-	Torquay ...	-	5.7
Ross-on-Wye ...	-	69	54	ag.bc	c.cw.b	4.3	Paignton ...	-	6.8
Wales.							Falmouth ...	-	13.0
Rhyl ...	-	?	57	bc	bc	4.6	Penzance ...	-	10.5
Colwyn Bay ...	-	-	-	-	-	-	Newquay ...	-	2.1
Llandudno ...	-	63	58	o.c.o	c.bc	5.0	Ilfracombe ...	-	-
Aberystwyth ...	-	66	51	bc	bc	3.3	Weston-super-Mare ...	-	-
Tenby ...	-	-	-	-	-	-			
England, E.									
Cromer ...	0.3	61	56	ag.c.bc	c.bc	5.7			
Lowestoft ...	-	65	56	bc	bc	8.0			
Felixstowe ...	-	60	54	bc	bc.b	8.8			
Walton-on-Naze ...	-	68	53	c.bc	bc.b	7.2			
Southend-on-Sea ...	-	-	-	-	-	-			

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 56	% 66	Hr. 4.4	* F. 69	* F. 54	* F. 51	mm.‡ -	c	c	c o
City (Bunhill Row) ...	* *	* *	5.3	* *	* *	* *	* *	* *	* *	* *
Westminster (St. James's Pk.)	? ?	79	5.7	69	56	55	-	bc.o	bc	bc.r
Camden Sq. (Brit. Rainfall)	60	68	5.7	70	55	55	-	c	c.bc	*
Hampstead (Reservoir) ...	* *	77	6.1	67	52	47	-	bc	bcm	bc
Richmond Park	* *	* *	4.8	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	61	75	3.5	Total. 1054 Joules		Average Rate. 20.6 Milliwatts.		Max. Rate. 69 Milliwatts.		

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

22nd & 23rd August, 1915.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	{	4.42	11.56	7.47
Greenwich ...	{	4.58	12.3	7.6
Wick ...	{	4.51	12.15	7.40
Valencia ...	{	5.38	12.44	7.51

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded;  
c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail;  
l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder;  
u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm.‡	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	Trace	65	55	52	c.bcp	c	c	
Darwen to 9 p.m.	~	66	53	54	ou.cw	bc	bc	8.4
Manchester "	1	66	56	51	op	o.c.bc	bc.c.o	4.9
Birmingham "	~	64	54	51	c	c	c	5.8
Oxford to 8 p.m.	8	68	55	51	cm	bc.c	c.cm	~
Teignmouth to 9,,	~	67	58	54	b.bc	bc.c	c.bc	4.7
Plymouth "	~	66	53	~	b.cw	b.cw	b.cw	8.0
S. Kensington . (Museum Grounds to 6 p.m.)	Trace	68	55	50	c.bc.c	bc.c.cw	c.bc	~

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 65° and upwards in most parts of England, and also in the south of Ireland and reached 70° at Seaford and Brighton. Showers fell at several of our northern stations. Considerable amounts of bright sunshine were recorded on the Cornish coasts.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 2351

Monday,

23<sup>rd</sup> August 1913.

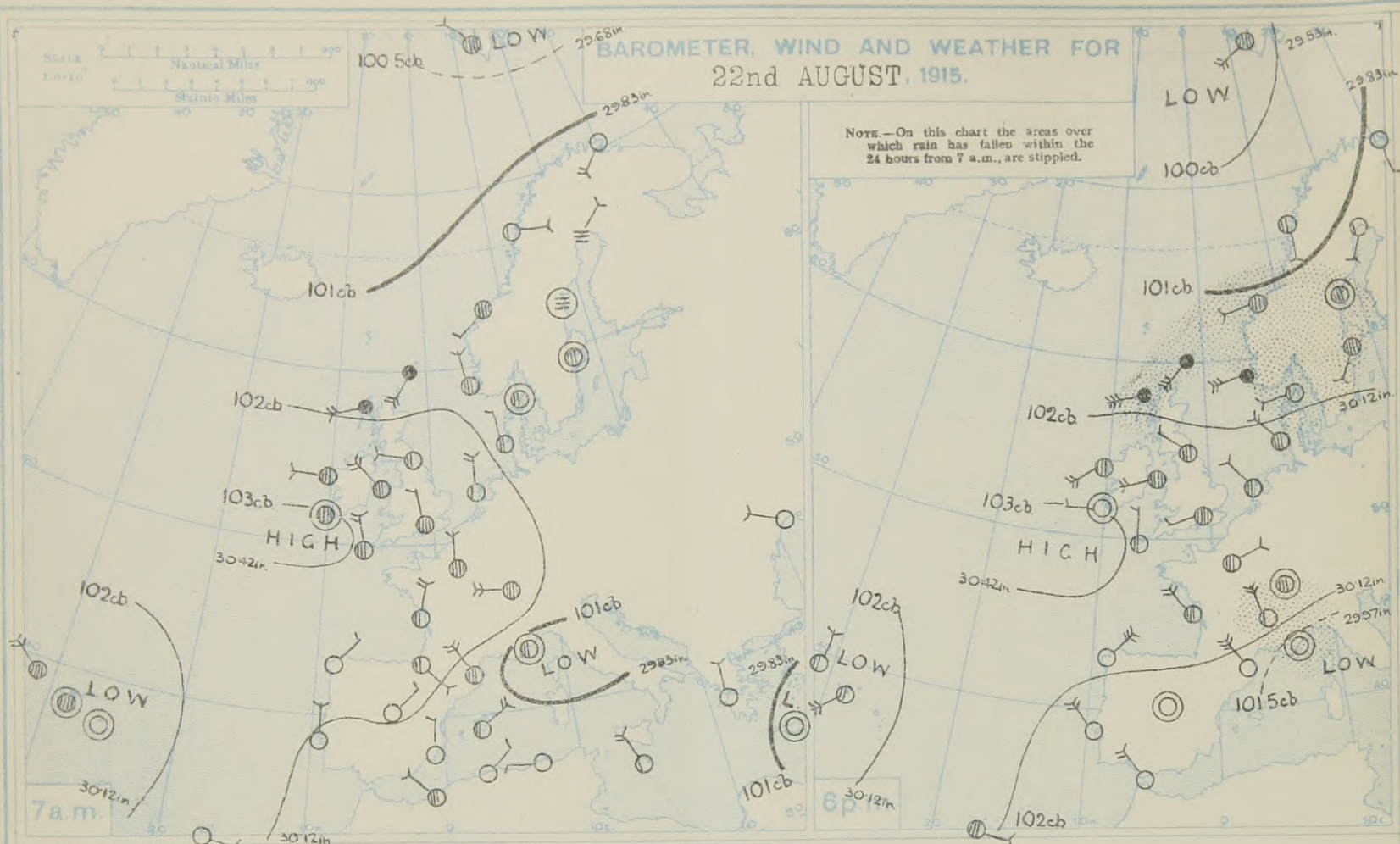
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yesterday.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP. Dry Bulb. °F.	Change in 24 hours.	WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dirac.	Force 0-12.						Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1014.0	56	SW	5	mm	1016.5	+2	55	0	WNW	3	NW	bc	2	3	57	52	om.f	frq.	om.bc	Hours.
	Deerness	1016.6	57	SW	4	r	1016.9	0	55	-1	W	2	W	bc	1	3	58	52	odp	odp	om.c.bc	0.0
	Stornoway	1018.3	59	WSW	6	org	1019.5	0	56	+1	SW	3	-	o	3	4	61	50	odp	org	o.c.c	0.0
	Castlebay (Barra Isd.)	1021.8	58	SW	5	dm	1021.0	0	58	-1	SW	4	-	rm	4	1	60	57	odp	odp	o.c.c	0.0
	Glasgow	1024.1	58	W	3	o	1023.5	0	57	+1	WSW	4	W	c	-	-	62	56	o	o	o	0.0
	Eskdalemuir	1024.8	57	W	4	bc	1025.2	+2	56	0	WSW	2	W	c	-	-	64	53	o	o.c.bc	c.b.c	0.7
	Malin Head	1024.9	60	W	4	bcmy	1024.6	0	58	0	WSW	5	W	bc	5	-	61	56	om	emg	bc	0.5
	Blacksod Point	1027.3	60	SW	4	cz	1025.9	-2	57	-1	SW	3	SW	bc	3	-	63	54	bc	cz	o.c.c	0.5
	Valencia	1030.0	63	W	1	bv	1028.7	0	53	-6	-	0	SW	bc	3	-	65	48	c.bc	bc	bc	10.1
	Roche's Point	1029.3	63	SW	3	c	1029.4	0	52	-3	N	2	-	f	1	0.1	67	52	c	c	c.b.c	+
	Birr Castle	1028.9	60	W	1	c	1027.8	0	54	-1	SW	1	-	f	1	-	66	50	c	c	f	5.4
	Donaghadee	1026.0	62	W	3	cm	1025.2	+1	53	-4	WSW	2	-	bm	1	-	65	50	om	om	om	0.4
	Liverpool (Bidston)	1026.7	60	W	3	o	1026.6	0	58	-1	W	2	W	bc	2	-	63	56	o.c	o	bc	0.4
	Holyhead	1027.7	61	WSW	3	og	1027.5	+1	57	-1	WNW	3	W	b2	2	-	66	55	c.c.c	c.c.c	c.c.c	1.0
	Pembroke (St. Ann's)	1028.9	61	NW	2	bc	1028.3	-1	58	0	N	2	-	bc	1	-	64	56	c.c	bc	bc	0.9
	Scilly (St. Mary's)	1029.2	62	N	1	bc	1028.0	-1	60	+1	NNE	1	-	b	2	-	64	51	c.c	c.b.c	b	4.2
	Falmouth	1028.3	63	NNW	1	b	1028.1	0	55	-5	NW	2	-	b	1	-	68	51	bw	o.b.c	bw	4.8
	Jersey (St. Aubin)	1027.8	63	NW	3	b	1028.4	0	58	-4	NNW	2	-	bm	1	-	67	50	b	b	bm	10.3
	Portland Bill	1027.2	63	WNW	2	bc	1027.8	0	62	+1	-	0	-	bc	1	-	67	57	c	bc	bc	+
	Dungeness	1026.9	61	S	1	o	1027.5	+1	61	+3	SW	2	-	o	2	-	65	57	c.c.c	c.c.c	c.c.c	+
	Dover	1027.6	59	SW	1	cv	1027.6	+1	60	-1	SW	1	SW	o	2	-	66	56	b.c.c	b.c.c	c.c.c	7.5
Wick	1017.5	61	W	3	o	1019.3	+2	56	0	W	1	-	bc	1	0.3	63	55	omp	omg	om.b.bw	+	
Nairn	1019.3	61	W	1	c	1019.6	0	60	0	WSW	1	-	c	1	-	67	57	sq	sq	sq	0.4	
Aberdeen	1019.5	65	W	2	o	1020.8	+1	60	+3	SSW	1	-	o	1	Trace	69	56	omd	odp	og	0.1	
Leith	1022.4	63	W	3	o	1022.9	+1	59	0	WSW	3	W	c	-	-	68	58	o	o.c.c	o	+	
Tynemouth	1023.8	64	WNW	1	c	1023.7	0	58	+3	NW	2	-	bc	1	-	65	54	bc	c	bc	+	
Spurn Head	1025.6	62	W	3	om	1026.5	+2	62	+3	WNW	4	-	bc	4	-	65	55	om	om	c.om	2.4	
Yarmouth	1025.8	61	SSW	3	c	1026.4	+2	58	+4	W	2	W	bc	2	-	63	55	bc.c	c	c.b.c	1.2	
Clacton-on-Sea	1026.3	63	SSE	2	c	1027.2	0	60	+3	WNW	1	NW	c	1	-	65	56	bc.c	c	c.c.c	4.3	
Nottingham	1026.2	62	W	2	o	1027.1	0	57	-1	SW	1	SW	c	-	-	67	55	o.c	c.c	o.c	3.5	
Bath	1028.1	61	W	1	o	1028.1	0	55	-5	W	1	-	W	-	-	70	53	o.c	o.c	o.c	4.0	
St. Farnborough	1026.4	67	-	0	c	1027.3	+1	59	+	-	0	W	ow	-	-	68	56	c	c	c	2.5	
London (Kew Obsy.)	1026.8	67	WSW	1	o	1027.5	+2	63	+5	-	0	W	oz	-	-	68	58	c.c.c	o	o	1.6	
NORTHERN EUROPE.	Spitsbergen	997.2	43	SW	4	o	996.0	+2	36	0	SW	6	-	o	-	-	45	34	-	-	-	-
	Vardö	1011.0	52	S	1	b	1009.9	0	52	-2	SE	1	-	bc	2	-	54	45	-	-	-	-
	Bodö	1005.6	55	S	2	bc	1004.2	-1	52	-3	-	0	-	bc	0	-	55	48	-	-	-	-
	Christiansund	1011.1	55	WSW	2	o	1010.0	+4	54	+2	W	2	-	o	3	25	57	54	-	-	-	-
	Skudesnaes	1010.6	55	WSW	5	r	1010.2	+1	57	+2	NW	6	-	b	3	21	57	54	-	-	-	-
	Færder (Klaniafjord)	1016.0	63	SW	5	c	1011.4	0	61	+2	WSW	6	W	b	3	2	63	57	-	-	-	-
	The Scaw (Skagen)	1019.5	59	WSW	2	b	1014.6	-3	59	-4	WSW	4	-	m	4	6	70	57	-	-	-	-
	Blaavands Huk	1022.9	59	NW	3	c	1019.7	0	59	-2	W	4	-	o	3	Trace	65	55	-	-	-	-
	Haparanda	1013.6	55	SSW	2	b	1008.4	-2	55	+7	S	4	-	o	-	-	59	49	-	-	-	-
	Hernösand	1012.8	61	-	0	c	1006.1	-3	57	+2	S	2	-	o	-	Trace	64	54	-	-	-	-
Stockholm	1016.3	57	SSW	2	o	1011.4	-3	57	-2	SW	2	-	o	-	15	66	50	-	-	-	-	
Wisby	1018.6	59	WSW	2	bc	1015.1	-3	61	0	SW	2	-	c	3	-	66	55	-	-	-	-	
Karlstad	1016.6	63	WSW	2	c	1011.7	0	59	+5	WSW	4	-	o	-	2	68	52	-	-	-	-	
Petrograd	(5 a.m. G.M.T.)																					
FRANCE, &c.	The Helder	1025.1	59	NW	2	bc	1025.1	0	61	+2	WSW	3	-	o	1	-	63	57	-	-	-	-
	C. Gris Nez	1027.0	62	NE	2	c	1027.9	+1	60	+1	SSW	2	-	o	2	-	68	59	-	-	-	-
	La Hève	1027.7	65	NNE	1	b	1028.3	0	59	+	-	0	-	m	2	-	69	54	-	-	-	-
	Ushant	1029.0	63	NE	1	b	1029.6	0	57	-3	NE	1	-	b	2	-	76	57	-	-	-	-
	Brest (St. Mathieu)	1028.8	65	N	3	b	1028.8	0	55	-2	E	1	-	m	0	-	68	54	-	-	-	-
	Rochefort (Ile d'Aix)	1025.5	66	NW	4	b	1027.1	+1	59	-1	E	3	-	b	-	-	73	55	-	-	-	-
	Biarritz																					
	Paris	1025.9	63	ENE	2	b	1025.7	+2	54	-1	NE	1	N	b	-	-	70	46	-	-	-	-
	Belfort	1025.3	57	-	0	c	1029.2	0	51	+1	E	4	-	f	-	-	61	47	-	-	-	-
	Lyons	1023.3	61	NNW	4	b	1025.0	0	54	-3	N	1	-	b	-	-	67	52	-	-	-	-
Nice	1012.7	59	-	0	b	1015.7	+3	68	+4	-	0	-	b	0	4	77	52	-	-	-	-	
Perpignan	1018.9	72	NW	5	b	1021.1	+2	66	-2	NW	4	-	b	-	-	79	50	-	-	-	-	
Sanguinaire	*	66	E	2	o	*	*	71	*	NW	3	-	bc	4	2	81	59	-	-	-	-	
SOUTHERN EUROPE.	Corunna (7 a.m.)	1021.6	73	NNE	5	b	1020.3	0	64	-2	ENE	1	-	b	1	-	77	57	-	-	-	-
	Madrid (8 a.m.)	1015.7	83	NNW	1	b	1020.3	+1	66	-6	NE	4	-	b	-	-	90	59	-	-	-	-
	Lisbon (9 a.m.)	1015.8	81	NW	4	b	1016.6	0	73	+5	N	2	NW	b	2	-	88	68	-	-	-	-
	Gibraltar	1016.2	75	NW	3	b	1015.6	0	68	*	-	0	-	b	1	-	84	67	-	-	-	-
	Rome																					
	Malta (8 a.m.)	*	*	*	*	*	1007.1	-3	72	-7	WNW	5	-	o	3	9	84	64	-	-	-	-
	Azores (Horta, 8 a.m.)	1016.7	*	SW	4	bc	1017.2	+1	67	+6	ENE	4	-	bc	2	-	75	61	-	-	-	-
	Madeira (Funchal)	1020.7	73	E	2	c	1019.5	0	70	+2	E	2	-	b	2	-	77	66	-	-	-	-
South Farnborough 7 a.m. Pilot Balloon Ascent 500 metres SSE 2 miles per hour. 1250 - WSW 8																						

## RAINFALL.

Equivalents of Millimetres in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





### FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

NO WARNINGS  
ISSUED.

Western Channel and Bay 11

- 0 } Light to moderate Westerly and South-Westerly winds; fair at first, showery later; moderate temperature.
- 1 }
- 2 }
- 3 }
- 4 } Light Westerly winds; fair generally, but misty in places. Remaining cool.
- 5 }
- 6 } Same as Nos. 0 to 2.
- 7 } Light to moderate Westerly and South-Westerly winds; mostly fair, but some local showers; moderate temperature.
- 8 } Light Northerly to Westerly winds; fair generally, but misty or foggy on coast; moderate temperature.
- 9 } Freshening Westerly and South-Westerly winds; changeable, some showers; moderate temperature.
- 10 }
- 11 } Same as No. 8.
- Light North-easterly to Easterly winds, and a slight sea; mostly fair, but local mists; moderate temperature.

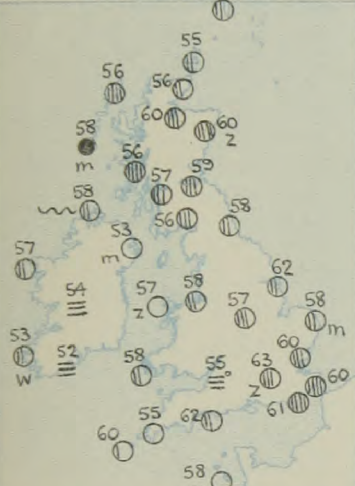
#### FURTHER OUTLOOK.



GENERAL INFERENCE.

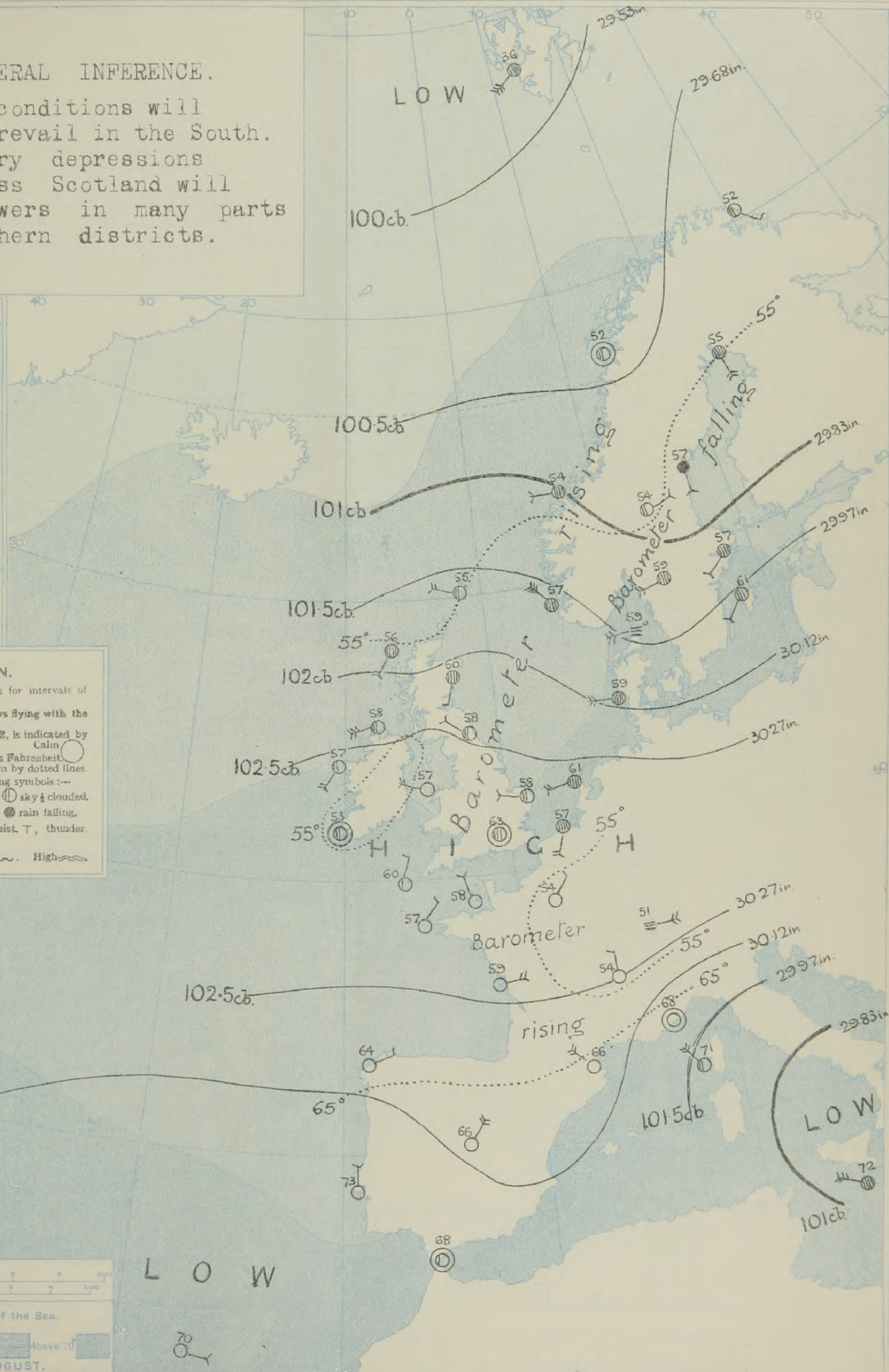
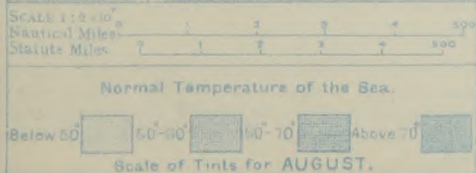
Anticyclonic conditions will continue to prevail in the South. Small secondary depressions passing across Scotland will occasion showers in many parts of our northern districts.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 clear sky. sky 1/2 clouded. sky 3/4 clouded. overcast sky. rain falling. snow. hail. fog. mist. thunder. thunderstorm.  
**SEA DISTURBANCE.**—Rough High





# PILOT BALLOON ASCENTS for the PAST WEEK. Component Velocities to East and to North in Metres per Second.

Station	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.
Date & Hour.	5. Farnborough 16th 6.30am	5. Farnborough 16th 11.55am	5. Farnborough 17th 7am	Falmouth 17th 8am	5. Farnborough 17th 11.25am	5. Farnborough 18th 9.55am	Benson 19th 2.35pm	5. Farnborough 20th 11.53	5. Farnborough 21st 7.10am									
Heights in Kilometres.	2.5	2.0	1.5	1.0	0.5	0												
	+5	-8	+4	-3	+3	-3				0	+1			+4	-6			
														+3	-7	+6	+1	+11
														+2	-5			
	+5	-7	+5	-3	+3	+2	+5	-1	0	0	-2	-3	+1	-4	0	-1	+6	-10
	+6	-8	+3	0	+3	0	+7	-6	+1	0	-3	-2	+1	-1	-1	-12	+6	-9
	+4	-1	+5	-3	+1	0	+6	-5	+1	0	-1	-3	0	0	0	-1	+3	-3

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.	
	mm. & F.	F.	F.			Hr.
Scotland.						
(Oban ... ..)	1	59	54	c. oc	c	00
(Banff ... ..)	2	62	53	0	0	0.0
(Carnoustie ... ..)	0.3	69	51	0. c	c	0.9
(St. Andrews ... ..)				*	*	
Eng. N.E.						
(Harrogate ... ..)	0.2	66	52	bc. c	bc. c	3.3
(Skegness ... ..)		67	53	0. bc	bc. c	2.2
Eng. N.W.						
(Morecambe ... ..)						
(Blackpool ... ..)		64	58	0. c	bc	0.1
(Southport ... ..)		63	56	0	0. bc	0.3
Midlands.						
(Buxton ... ..)						
(Leamington Spa ... ..)		67	56	bc	bc	4.7
(Malvern ... ..)		66	56	c	c	2.7
(Ross-on-Wye ... ..)		68	53	0. bc	bc. c	1.9
Wales.						
(Rhyl ... ..)		63	57	c. bc	bc. c	0.2
(Colwyn Bay ... ..)		64	59	bc	bc	7.0
(Llandudno ... ..)		66	56	c	c	8.0
(Aberystwyth ... ..)		64	58	0. c	bc. c	3.2
(Tenby ... ..)						
England, E.						
(Cromer ... ..)		65	55	0. c	bc. c	3.4
(Lowestoft ... ..)						
(Felixstowe ... ..)		66	52	bc. c	bc. c	4.9
(Walton-on-Naze ... ..)		63	52	bc. c	c	4.9
(Southend-on-Sea ... ..)		69	56	b. bc	bc. c	5.0
England, S.E.						
(Tunbridge Wells ... ..)		66	53	bc. c	c	3.8
(Margate ... ..)		65	57	b	b. bc. b	9.6
(Ramsgate ... ..)		64	55	bc	bc	10.2
(Hastings ... ..)		65	54	0. bc	c	2.1
(Bexhill-on-Sea ... ..)		65	55	bc. c	0	3.4
(Eastbourne ... ..)		66	55	0. bc. c	bc. c	2.9
(Seaford ... ..)						
(Brighton ... ..)		66	56	c	0	1.2
(Worthing ... ..)		66	56	c	bc	1.7
(Littlehampton ... ..)		68	61	0	0. bc	2.2
(Bognor ... ..)		66	56	b	c	3.4
(Southsea ... ..)		68	56	bc	bc	6.0
(Bournemouth ... ..)		70	52	c	c	6.0
England, S.W.						
(Weymouth ... ..)		69	55	bc	c	4.0
(Torquay ... ..)		66	54	0	0	3.3
(Paignton ... ..)						
(Falmouth ... ..)		68	55	bc	0. bc. c	3.9
(Penzance ... ..)						
(Newquay ... ..)		64	59	bc. c	c. bc	5.0
(Ilfracombe ... ..)		68	60	0	c. bc. c	3.2
(Weston-super-Mare ... ..)		68	56	bc. c	0	2.1

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%	Hrs.	* F.	* F.	mm. & F.			
Greenwich (Royal Obs.) ...	78	70	0.4	67	57	53	0	0	0
City (Rush Hill Row) ...	8	2	1.5	*	*	*	*	*	*
Westminster (St. James's Pk.)	83	79		67	58	56	bc	bc	bc. c
Camden Sq. (Brit. Rainfall)		59	2.2	71	59	58	-	-	*
Hampstead (Reservoir) ...	x	63	1.9	66	56	51	c. c	c. c	c
Richmond Park ...	x	x	2.4						
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
S. Kensington (Roof of M.O.)	66	62	1.3	778	Joules	15.3	Milliwatts.	58	Milliwatts.

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		Night Min. on Grass.	Night.	WEATHER.		Sun- shine for Yester- day.
		In Screen.	Max.			Fore- noon.	After- noon.	
	mm. & F.	* F.	* F.	* F.				Hr.
Dublin to 4 p.m.		64	55	53	c. c	c	c. c	*
Darwin to 9 p.m.								
Manchester "								
Birmingham "								
Oxford to 8 p.m.								
Teignmouth to 9 "								
Plymouth "								
S. Kensington (Museum Grounds to 8 p.m.)		67	61	53	0	0	c. c	*

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

23 <sup>rd</sup> 24 <sup>th</sup> August, 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ... ..	4. 50	11. 56	7. 2
Greenwich ... ..	4. 51	11. 55	7. 0
Wick ... ..	5. 0	12. 3	7. 4
Valencia ... ..	5. 53	12. 2	7. 3
	5. 53	12. 15	7. 37
	5. 58	12. 14	7. 34
	5. 40	12. 44	7. 43
	5. 41	12. 43	7. 43

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 65° and upwards in most districts and reached 70° at Bath and Bournemouth. The amount of bright sunshine was as a rule small or only moderate. Slight rain was experienced in the north of Scotland.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

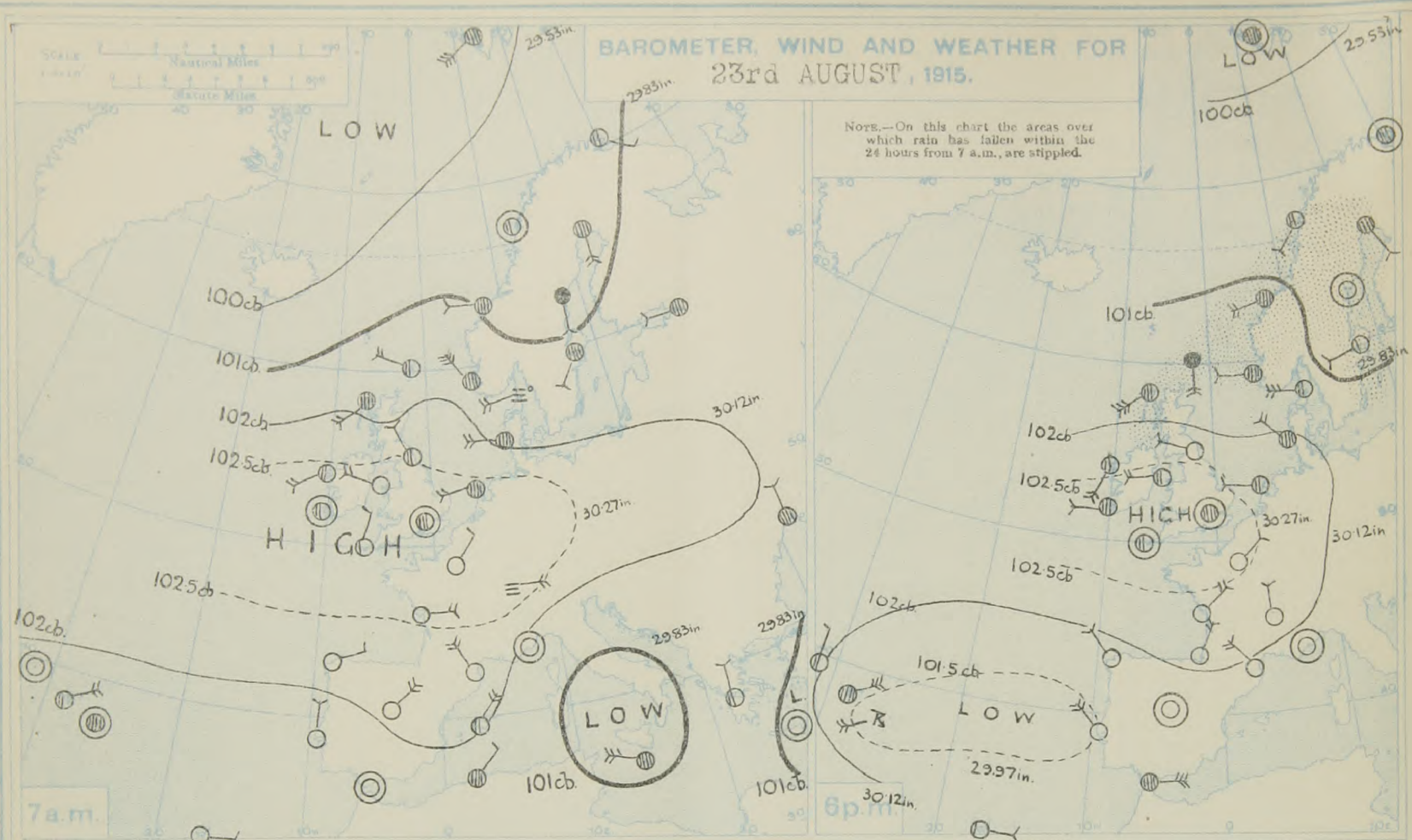
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 236. Tuesday, 24<sup>th</sup> August, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 24 hours.	Dry Bulb. °F.	Change in 24 hours.	WIND. Dir.	Force 0-12.	Diren. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.												Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
	Lerwick ...	1012.8	54	S	4	ond	1013.5	+2	54	-1	W	4	W	bc	3	3	58	52	bc, cm	ond	bc, b	Hours.
	Deerness ...	1014.9	57	SW	5	cq, u	1016.6	+	56	+1	W	4	-	b	2	2	61	53	bc, c	of, c, q	cy, bc, b	4.7
	Stornoway ...	1015.9	61	SW	6	cq	1016.2	+3	53	-3	W	3	-	b	3	2	62	52	of, q	of, q	cp, q, b	1.9
	Castlebay (Barra Isd.)	1019.7	60	SW	5	cm	1019.9	0	57	-1	WNW	3	W	bc	3	1	61	55	rd, bc, m	bc, cm	cp, bc	3.0
	Glasgow ...	1021.4	60	W	4	bc	1021.9	0	56	-1	SW	3	-	r	*	0.4	64	55	c, q	c, c, bc	c, q, d, p	3.1
	Eskdalemuir ...	1023.2	60	WNW	3	bc	1023.0	0	55	-1	S	1	W	c	*	-	64	49	c, o	c, c, bc	bc, b	6.7
	Malin Head ...	1023.2	60	W	5	bc, m, q	1023.0	0	58	0	WSW	4	-	om	4	-	63	56	bc, q	bc, q	om	7.0
	Blacksod Point	1024.9	61	SSW	4	bc	1024.8	-1	58	+1	SSW	3	SW	bc	2	-	66	56	bc	bc	bc	*
	Valencia ...	1027.2	61	W	2	c	1026.2	0	57	+4	-	0	W	c	3	-	64	53	c, c	c	c, bc, c	2.1
	Roche's Point	1028.5	61	SW	1	o	1026.6	*	58	+6	SW	1	-	o	1	0.1	65	52	f, c	c, o	bc, o	*
	Birr Castle ...	1026.5	59	W	1	c	1026.2	*	53	-1	-	0	-	c	*	-	64	51	c	c	c	4.2
	Donaghadee ...	1023.9	65	W	3	bc, z	1023.9	0	55	+2	WSW	3	W	cg, m	2	-	67	53	bc, z	bc, z	cm, q, m	*
	Liverpool (Bldson)	1025.4	62	WNW	3	b	1024.6	0	58	0	W	1	W	bc	2	-	63	56	b	b	bc	12.4
	Holyhead ...	1026.1	60	SW	2	c	1025.4	0	58	+2	W	2	-	c	1	-	65	56	b	bc	c	10.7
	Pembroke (St. Ann's)	1027.4	60	N	2	b	1026.0	-1	57	-1	-	0	-	cm	0	-	65	55	bc	b	b	11.8
	Scilly (St. Mary's)	1027.2	63	-	0	bc	1025.3	0	59	-1	-	0	NE	o	1	-	68	57	b, bc	b, bc	bc, o	12.3
	Falmouth ...	1026.7	63	NNW	1	c	1025.1	+1	58	+3	NNW	1	NE	c	1	-	67	54	b	bc	c, bc	10.9
	Jersey (St. Aubin)	1026.4	65	E	2	b	1025.0	*	61	+3	N	1	-	cm	0	-	70	54	b	b	bc, m, q	11.5
	Portland Bill ...	1026.8	61	W	2	b	1025.2	0	61	-1	N	2	-	b	2	-	66	56	loc	b	b	*
	Dungeness ...	1025.7	63	SW	3	c	1024.3	+1	57	-4	-	0	-	c	a	-	67	54	o, c	c	c, bc, o	*
	Dover ...	1026.0	63	SW	3	c	1024.8	0	63	+3	NW	1	-	m	2	-	66	57	o, c	c	c, bc, m	0.3
	Wick ...	1016.0	63	SW	2	bc	1017.5	+4	57	+1	W	2	-	b	2	Trace	64	54	bc, and	ond, bc	o, c, b	*
	Nairn ...	1017.8	62	W	2	bc	1017.8	*	61	+1	W	2	-	b	1	-	69	57	c, bc, q	q, bc	q, q, c, w	3.8
	Aberdeen ...	1017.7	67	SW	1	b	1018.8	+3	58	-2	SSW	1	W	b	1	-	75	55	o, c, bc	bc, b	bc, w	5.8
	Leith ...	1021.1	63	WSW	3	bc	1021.5	0	58	-1	WSW	3	-	o	*	-	67	56	c	c	bc, b	*
	Tynemouth ...	1022.4	66	WNW	2	b	1022.6	0	58	0	W	2	-	bm	2	-	71	53	bc	bc	bm	*
	Spurn Head ...	1025.2	65	NW	3	bc	1024.4	0	58	-4	NW	4	-	bc, m	4	-	72	55	bc	bc	bc, q	5.9
	Yarmouth ...	1025.0	63	SE	2	bc	1024.0	0	56	-2	NW	2	NW	bc, m	1	-	69	54	bc	bc	bm, c	5.7
	Clacton-on-Sea	1025.8	65	S	3	bc	1025.0	0	58	-2	NW	2	W	o	1	-	69	56	c	c, bc	bc, c, q	3.4
	Nottingham ...	1024.8	67	WNW	2	bc	1025.1	*	50	-7	W	1	W	cm	*	-	70	47	c, bc	c, bc	bc, b	10.5
	Bath ...	9	62	W	1	c	1025.5	*	55	0	W	1	-	c	*	-	70	52	b, bc, b	bc, c	c, bc, c	5.4
	Sth Farnborough	1025.2	68	W	1	bc	1024.6	0	57	-2	-	0	-	o	*	-	70	52	o	o, b	o	1.7
	London (Kew Obsy.)	1025.3	68	-	0	o	1024.9	0	59	-4	NE	1	N	om	*	-	71	55	q, o, c	c, o	o, c, cm	3.3
	RAINFALL. Equivalents of Millimetres. in inches.																					
		mm.	Inches.	mm.	Inches.																	
		1	0.04	26	1.02																	
		2	0.08	27	1.06																	
		3	0.12	28	1.10																	
		4	0.16	29	1.14																	
		5	0.20	30	1.18																	
		6	0.24	31	1.22																	
		7	0.28	32	1.26																	
		8	0.32	33	1.30																	
		9	0.35	34	1.34																	
		10	0.39	35	1.38																	
		11	0.43	36	1.42																	
		12	0.47	37	1.46																	
		13	0.51	38	1.50																	
		14	0.55	39	1.54																	
		15	0.59	40	1.58																	
		16	0.63	41	1.61																	
		17	0.67	42	1.65																	
		18	0.71	43	1.69																	
		19	0.75	44	1.73																	
		20	0.79	45	1.77																	
		21	0.83	46	1.81																	
		22	0.87	47	1.85																	
		23	0.91	48	1.89																	
		24	0.95	49	1.93																	
		25	0.98	50	1.97																	
	South Farnborough: 7 a.m. Pilot Balloon Ascent - 500 metres ENE 15 miles per hour. 1400 - N 6 - - -																					





FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

FORECAST DISTRICTS.		
	0	Wind mainly Westerly, light or moderate; mostly fair; moderate temperature.
	1	
	2	
	3	Light winds, mainly between North and West; Fair generally, local mist; temperature not far from the normal.
	4	
	6	Same as Nos. 0 & 1.
	7	Light winds, mainly Westerly; fair generally, local mist; moderate temperature.
	8	Light winds between North and North-East; fair generally, some mist; moderate temperature.
	9	Westerly and South-Westerly winds, light to moderate; Mostly fair; moderate temperature.
	10	Light variable winds; fair; moderately warm.
	11	Light winds between East and North-East; sea slight or smooth; some mist, otherwise fine.

**STORM WARNINGS.**  
 The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

NO WARNINGS ISSUED.

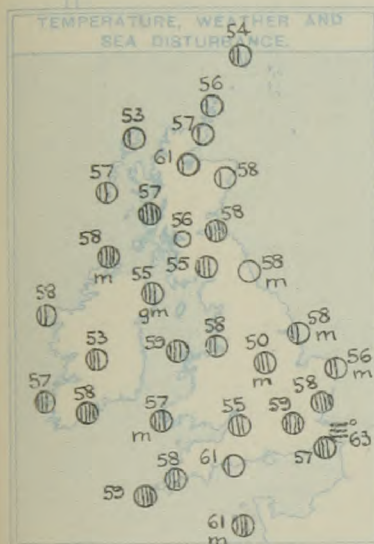
Western Channel and Bay

FURTHER OUTLOOK.



# GENERAL INFERENCE.

There are no definite indications of any general change in the conditions now prevailing.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.

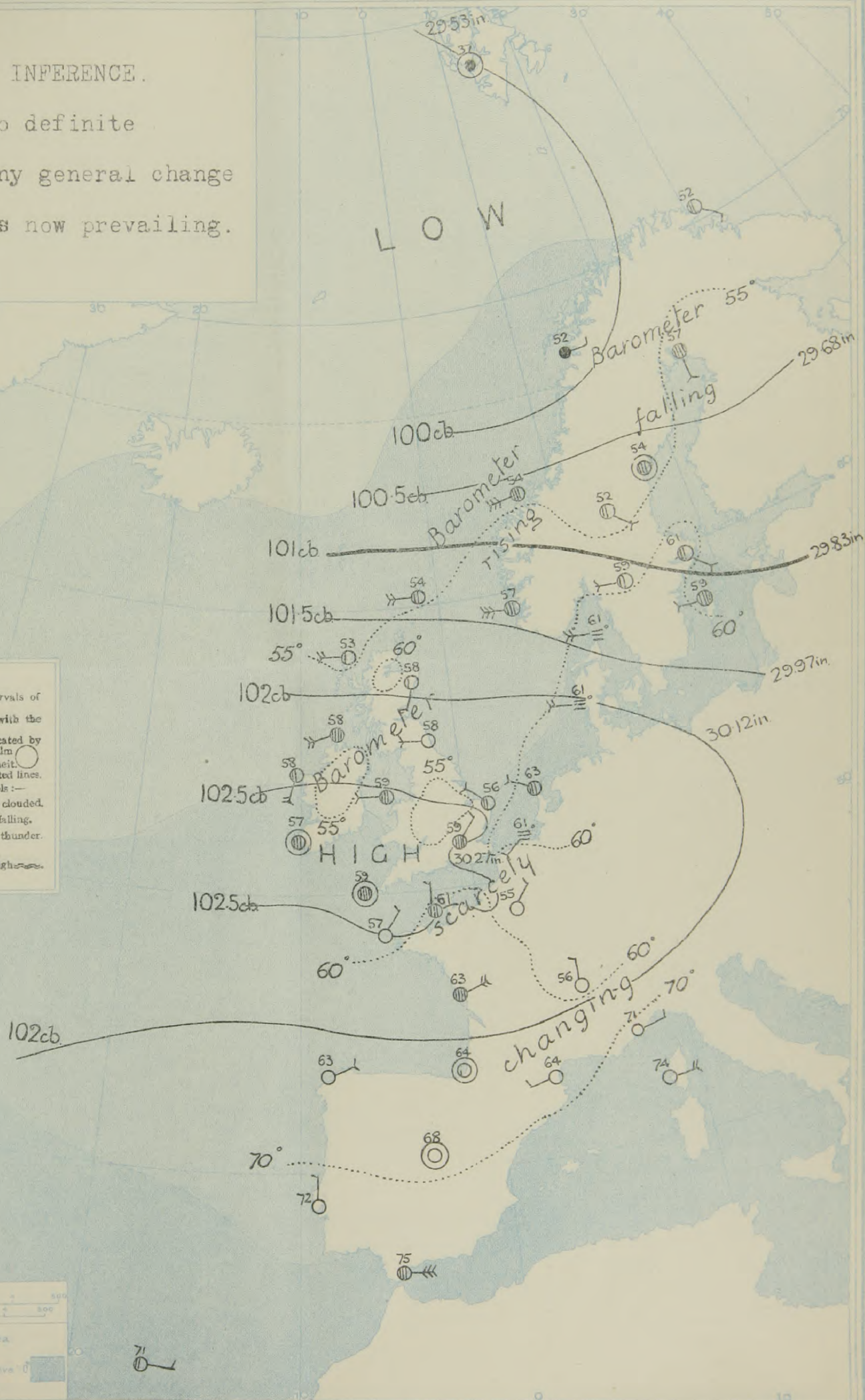
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded. ○ sky & clouded. ○ overcast sky. ○ rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~





## DAILY WEATHER REPORT.

Tuesday, 24<sup>th</sup> August, 1915.REPORTS  
FOR  
YESTERDAY.23<sup>rd</sup> August

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.			
	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.		
Scotland.	{ Oban ... ..	1	61	54	o.c	b.c.d.e	1.8	England, S.E.	{ Tunbridge Wells ... ..	-	70	55	o.b.c	c.o	1.0
	{ Banff ... ..	0.3	70	57	o	c.b.c	3.2		{ Margate ... ..	-	68	58	c	b.c.z	3.0
	{ Carnoustie ... ..	-	70	56	b		7.6		{ Ramsgate ... ..	-	67	56	o.z	z	1.6
	{ St. Andrews ... ..	-	68	56	*	*	7.9		{ Hastings ... ..	-	66	58	o.b.c	o.b.c.b	1.8
Eng. N.E.	{ Harrogate ... ..	-	67	51	b	b	12.8		{ Bexhill-on-Sea ... ..	-	67	58	c.o	o.c	1.8
	{ Skegness ... ..	-	70	53	b.o	b.c.o	8.2		{ Eastbourne ... ..	-	70	60	o	b	5.9
Eng. N.W.	{ Morecambe ... ..	-	64	57	b	b	10.3		{ Seaford ... ..	-	69	60	b.c	b	6.8
	{ Blackpool ... ..	-	65	57	b	b.b.c	11.7		{ Brighton ... ..	-	70	57	c.b.c	c.b.c	5.7
	{ Southport ... ..	-	64	56	b.b.c.b	b	11.6		{ Worthing ... ..	-	70	58	c.b.c	b	8.0
Midlands.	{ Buxton ... ..	1	64	53	b.c	b.c	8.4		{ Littlehampton ... ..	-	69	62	o.b.c	b.c	7.7
	{ Leamington Spa ... ..	-	70	55	b.c	b.c	8.5	{ Bognor ... ..	-	67	57	b	b	4.7	
	{ Malvern ... ..	-	70	55	c.b.c	b.c	10.0	{ Southsea ... ..	-	72	59	b.c	b	9.8	
	{ Ross-on-Wye ... ..	-	73	53	o.b.c.c	b.c.z	4.4	{ Bournemouth ... ..	-	72	55	c	c	9.8	
Wales.	{ Rhyl ... ..	-	65	53	b.c	b	11.5	England, S.W.	{ Weymouth ... ..	-	74	55	b.c.b	b	9.7
	{ Colwyn Bay ... ..	-	66	56	b	b.c	10.9		{ Torquay ... ..	-	70	55	b.b.c	b.c	9.3
	{ Llandudno ... ..	-	68	55	b	b	7.7		{ Paignton ... ..	-	-	-	-	-	-
	{ Aberystwyth ... ..	-	64	57	o.c.b	b.c.c	10.0		{ Falmouth ... ..	-	67	54	b	b.c	10.8
	{ Tenby ... ..	-	70	54	b	b.c	9.4		{ Penzance ... ..	-	68	53	b.b.c	b.c.c	9.0
England, E.	{ Cromer ... ..	-	69	58	o.c.o.c	b.c.m	6.9		{ Newquay ... ..	-	66	47	b.c	b	9.3
	{ Lowestoft ... ..	-	70	57	c.b.c	b.c.b.c	4.9	{ Ilfracombe ... ..	-	66	55	c.b.c.b	b	7.6	
	{ Felixstowe ... ..	-	70	59	b.c.v	b.c.v	5.8	{ Weston-super-Mare ... ..	-	68	52	b.b.c.c	b.c.c	8.0	
	{ Walton-on-Naze ... ..	-	67	58	c.b.c	b.c.b	3.8								
	{ Southend-on-Sea ... ..	-	73	57	c.b.c	b.c.c	2.1								

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.			Fore- noon.	After- noon.	Night.
	%	%		° F.	° F.	° F.				
Greenwich (Royal Obs.) ...	56	74	2.2	73	55	44	-	o	o	o
City (Bunhill Row) ...	*	*	2.8	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	56	71	2.3	71	55	51	-	b.c	b.c.m	o
Camden Sq. (Brit. Rainfall)	51	71	3.9	74	54	52	-	o.c	b.c	*
Hampstead (Reservoir) ...	*	78	2.7	70	54	43	-	b.c.o	o	o
Richmond Park ...	*	*	2.5							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.	Average Rate.			Max. Rate.		
S. Kensington (Roof of M.O.)	57	73	3.3	1174 Joules	23.1 Milliwatts.			66 Milliwatts.		

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

24 <sup>th</sup> August, 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4. 23	11. 55	6. 58
Greenwich ...	5. 1	12. 2	7. 3
Wick ...	5. 3	12. 14	7. 1
Valencia ...	5. 43	12. 43	7. 46

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded;  
c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail;  
l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder;  
u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.		After- noon.	
Dublin to 4 p.m.	mm. §	° F.	° F.	° F.		Hr.
Darwen to 9 p.m.	-	65	52	48	b.c	c
Manchester "	-	67	55	*	o.c.b.w	b.c
Birmingham "	-				b.c	b.c.b
Oxford to 8 p.m.	-					7.0
Teignmouth to 9 "	-	70	52	50	b	b.b.c
Plymouth "	-				b.c.c	8.1
S. Kensington (Museum Grounds to 6 p.m.)	-	71	59	54	o	o

## NOTES ON YESTERDAY'S WEATHER.

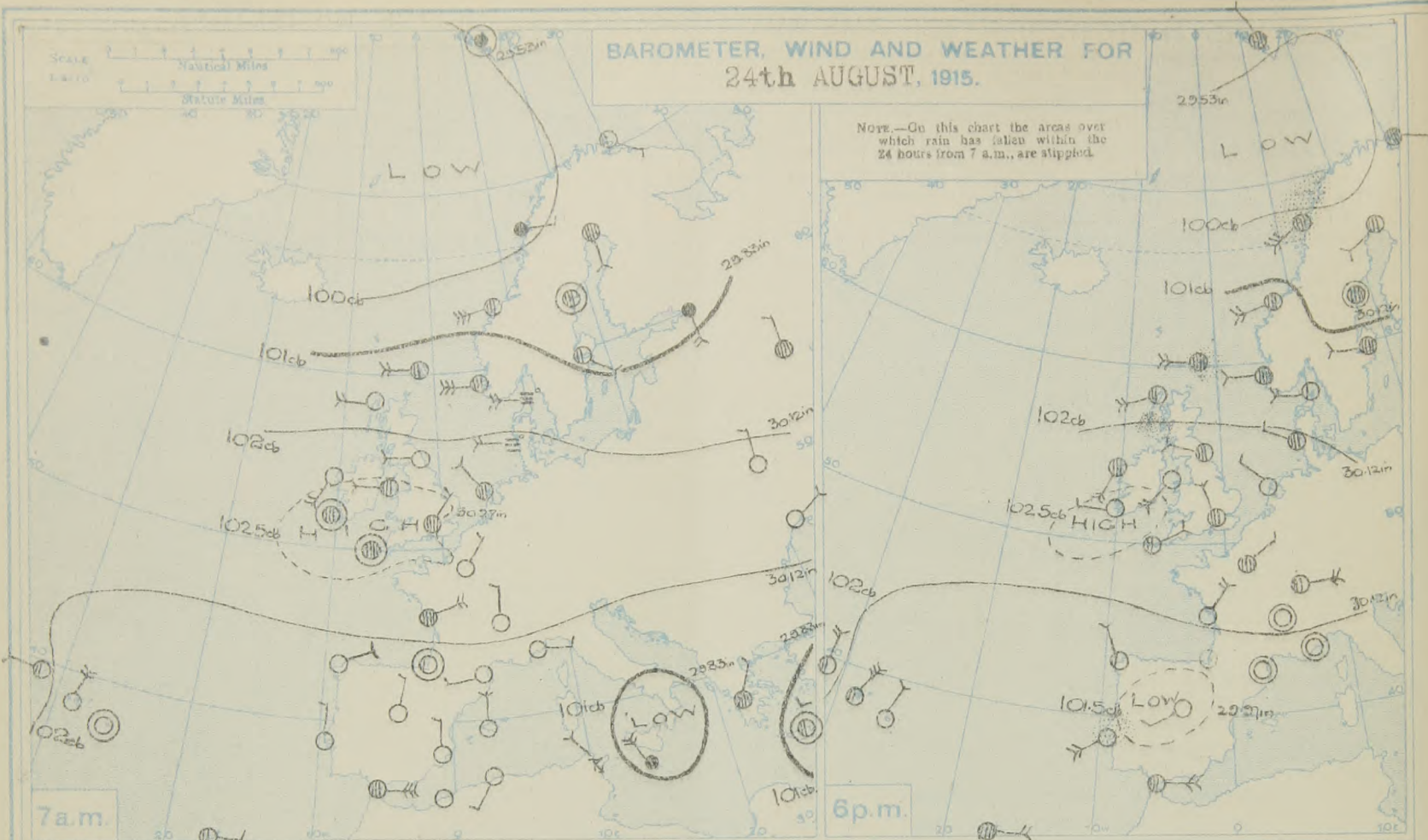
Temperature rose to about 70° over a considerable portion of the Kingdom, and touched 76° at Aberdeen. Slight rain fell in the extreme north and North-west, but generally the weather was fair or bright. At Harrogate the sunshine was 12.8 hours.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





### FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

NO WARNINGS  
ISSUED.

Western Channel and Bay 1)

#### FURTHER OUTLOOK.

R. G. K. LEMPFFERT, Superintendent, Forecast Division.

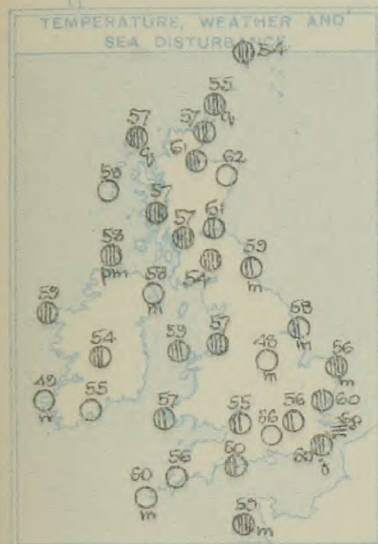
NAPIER SHAW, Director

- |    |            |   |
|----|------------|---|
| 0  | a }<br>b } | Westerly winds, light or moderate; some local showers, but fair generally; moderate temperature.                      |
| 1  | a }<br>b } | Westerly winds, light or moderate; fair or bright; rather warm.   |
| 2  | a }<br>b } |   |
| 3  | a }<br>b } | Westerly to North-Westerly winds, light; fair or bright; rather warm  |
| 4  | a }<br>b } | Light winds between North and East or Variable; fair or bright; rather warm.  |
| 5  | a }<br>b } |   |
| 6  | a }<br>b } | Same as Nos. 1 & 2.   |
| 7  | a }<br>b } |   |
| 8  | a }<br>b } | Light winds between North-East and East; fair or bright; rather warm.   |
| 9  | a }<br>b } | Same as No. 0.  |
| 10 | a }<br>b } | Light variable winds; fine; warm.   |
| 11 | a }<br>b } | North-easterly or Easterly winds, light to moderate; sea slight or smooth; fair or bright generally, some local mist. |



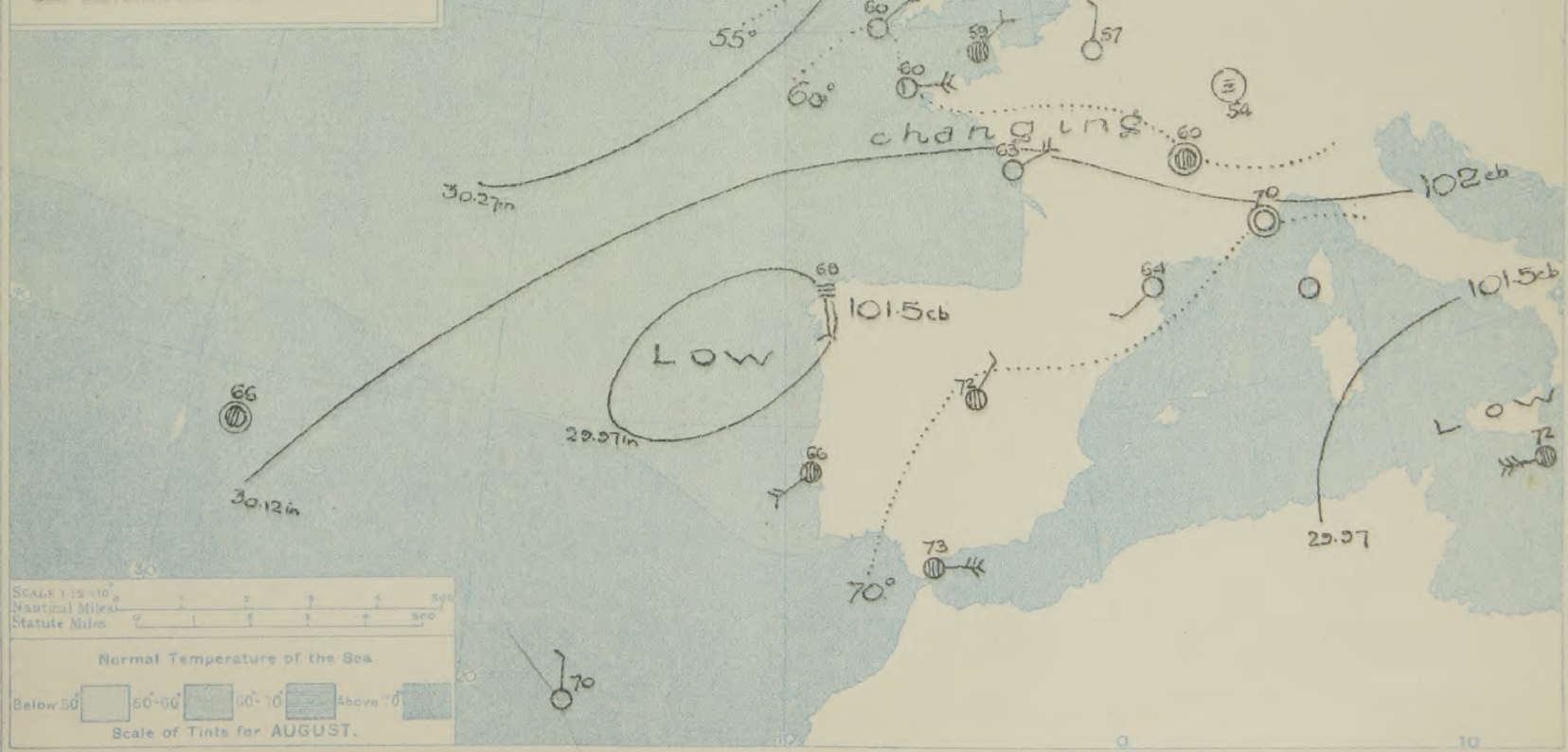
GENERAL INFERENCE.

There are no indications of any important change in the pressure distribution.



EXPLANATION.

**BAROMETER**—Isobars are drawn for intervals of five millibars.  
**WIND**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers.  
**TEMPERATURE**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER**—Shown by the following symbols:—  
 ○ clear sky. ○ sky & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ○ rain falling.  
 \* snow. △ hail. ≡ fog. ≡ mist. T, thunder.  
**SEA DISTURBANCE**—Rough ~~~~ High ~~~~.





## DAILY WEATHER REPORT.

Wednesday, 25th August, 1915.

REPORTS  
FOR  
YESTERDAY.

24th August 1915.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Dir.	Force 0-12.							
		° F.						° F.	° F.									
Petrograd	1015.5	59	WNW	2	0	1016.3	0	55	0	W	2	NW	0	*	-	64	52	
Malta	*	*	*	*	*	1007.0	0	68	-4	NW	4	-	r	3	-	75	66	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.	WEATHER.	Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.						
		° F.	° F.						° F.	° F.	
Scotland.							Tunbridge Wells ...		70	53	1.1
Oban ...	1	61	55	cr	cor	0.1	Margate ...		67	60	5.3
Banff ...	1	63	57	b	b	11.5	Ramsgate ...		67	58	2.8
Carnoustie ...	-	71	53	b	c	7.5	Hastings ...		66	55	7.9
St. Andrews ...	-	69	53	*	*	6.1	Bexhill-on-Sea ...		66	53	8.2
Eng. N.E.							Eastbourne ...		68	54	8.5
Harrogate ...	-	68	51	bcb	b.bc	11.6	Seaford ...		68	54	8.1
Skegness ...	-	68	49	bcb	c.bc	6.7	Brighton ...		67	52	?
Eng. N.W.							Worthing ...		69	52	8.7
Morecambe ...	-	66	58	bcb	b	7.1	Littlehampton ...		69	63	8.1
Blackpool ...	-	65	58	b	b	9.8	Bognor ...		69	52	6.6
Southport ...	-	65	58	b.o.b	b	10.7	Southsea ...		70	54	5.3
Midlands.							Bournemouth ...		74	50	9.3
Buxton ...	-	62	48	bc	bc	4.5	Weymouth ...		74	54	10.6
Leamington Spa ...	-	67	50	bc	b.c	4.0	Torquay ...		70	54	12.5
Malvern ...	-	68	53	bc	bc	4.0	Paignton ...				
Ross-on-Wye ...	-	70	49	b.bc	c.bc	6.6	Falmouth ...		67	55	6.6
Wales.							Penzance ...		69	56	5.6
Rhyl ...	-	64	53	bc	bc	12.0	Newquay ...		66	47	6.0
Colwyn Bay ...	-	64	57	b	bc	9.9	Ilfracombe ...		65	52	6.3
Llandudno ...	-	69	57	bcb	b	7.0	Weston-super-Mare ...		68	50	9.0
Aberystwyth ...	-	66	52	o.c.b	b.c.o	9.0					
Tenby ...	-	66	56	b.c.o	o	0.2					
England.											
Cromer ...	-	66	54	c.bc	b.c	6.7					
Lowestoft ...	-	64	55	b.b.c	b.c.b	8.8					
Felixstowe ...	-	65	57	b.c	bc	4.7					
Walton-on-Naze ...	-	67	57	c.m.c.b	b.c.b	6.7					
Southend-on-Sea ...	-	73	56	o	b.bc	4.1					

## LONDON OBSERVATIONS.

STATIONS.	Humidity.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall. mm. §	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.			Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.	Min. on Grass.				
Greenwich (Royal Obs.) ...	67	68	1.3	71	55	4.9	-	o	o	o
City (Bunhill Row) ...	*	*	1.9	*	*	*	*	*	*	*
Westminster (St. James's Pl.)	60	69	0.6	70	57	5.4	-	o	o	o.m.b.cu
Camden Sq. (Brit. Rainfall)	59	69	3.0	75	56	5.3	-	o.c	c.o	*
Hampstead (Reservoir) ...	*	69	2.9	71	55	4.4	-	b.c.o	b.c.o	b.m
Richmond Park ...	*	*								
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	57	70	1.3	68.2	Joules	17.5	Milliwatts.	4.9	Milliwatts.	

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL. mm. §	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.		After- noon.	
Dublin to 4 p.m.	-	67	53	4.9	c.b	b.c
Darwen to 9 p.m.	-	66	52		b.b.c	b.c.b
Manchester "	-				b.c.b	b.c.b
Birmingham "	-					
Oxford to 8 p.m.	-	70	53	5.1	b	b
Teignmouth to 9 "	-				b	b
Plymouth "	-					
S. Kensington (Museum Grounds to 6 p.m.)	-	70	58	4.9	c.o	o

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 74° at Bournemouth and Weymouth and to above 70° in many other parts of Great Britain. Except locally in the far north-west there was no rain, and most parts of the kingdom experienced a fair duration of sunshine.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of 1s per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 238. Thursday, 26th August, 1915.

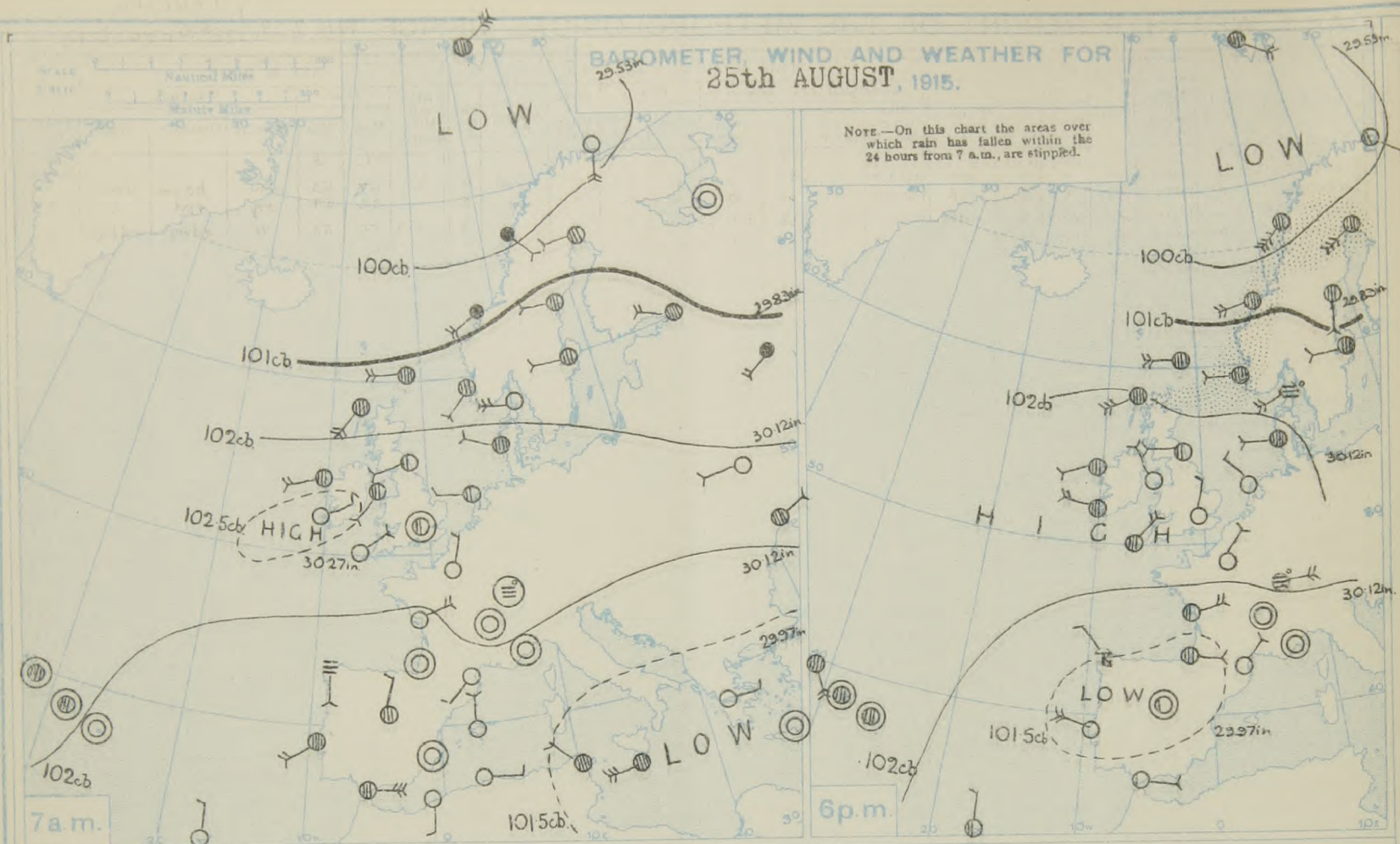
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1014.2	55	W	4	om	1013.4	-1	54	0	W	4	-	omd	4	2	57	53	om	bc. om	omd	Hours.
	Deerness	1017.6	55	W	5	apd	1016.9	+	55	0	W	4	-	oc	3	-	58	54	og	apd	0	0.0
	Stornoway	1020.0	57	WSW	5	odpy	1019.7	+1	56	-1	WSW	3	-	0	3	0.3	59	50	0	odpy	odpy	0.0
	Castlebay (Barraisd.)	1022.0	58	WSW	3	0	1021.8	0	58	0	W	3	-	0	3	-	60	56	bc. 0	0	0	1.5
	Glasgow	1022.4	61	W	2	c	1022.1	-1	55	-2	W	2	-	c	3	Trace	63	63	odp. 0	o.c. 0	bc. b. c	1.1
	Eskdalemuir	1022.6	62	W	3	0	1022.5	+1	54	0	S	3	W	0	3	-	65	48	o.b.c. d	o.c. g	o. b. b.c	3.3
	Malin Head	1023.4	59	W	2	cm	1023.8	0	58	0	NW	3	NW	cg	4	1	62	57	omd	omd	cg	0.5
	Blacksod Point	1024.6	60	WSW	2	cm	1024.7	0	58	-1	WNW	2	-	cm	2	-	63	57	cm	cm	cm	0.5
	Valencia	1024.6	63	WNW	3	c	1024.9	0	52	+3	-	0	N	b	3	-	66	49	b	bc	c.c. bc	9.7
	Roche's Point	1025.3	63	SW	1	c	1024.6	+	59	+4	NW	2	NE	c	1	0.1	68	55	b	bc. c	c. b. b.c	+
	Birr Castle	1025.0	62	NW	1	bc	1025.1	+	56	+3	NW	1	-	f	2	-	70	52	c	bc	f	7.3
	Donaghadee	1023.2	58	N	2	om	1023.4	+1	55	-3	W	2	-	m	1	0.1	68	53	ogm	om	f. b. m. f	+
	Liverpool (Bidston)	1023.9	64	WNW	1	b	1023.4	0	58	+1	W	1	-	b	1	-	66	55	b	b	b. m	10.4
	Holyhead	1024.7	64	N	2	b	1024.0	0	56	-3	-	0	-	bz	0	Trace	68	53	b	b	bc. b. c	10.8
	Pembroke (St. Ann's)	1023.9	61	NE	3	b	1023.7	0	56	-1	NE	2	NE	bc	2	-	62	55	bc	bc	b	10.8
	Scilly (St. Mary's)	1022.4	61	NE	3	cm	1021.6	0	59	-1	ENE	2	-	bcm	3	-	69	57	bm	cm	cm	11.4
	Falmouth	1023.2	66	NE	1	b	1021.7	0	58	+2	NNE	2	-	bz	1	-	68	56	b	b	bc	10.6
	Jersey (St. Aubin)	1021.6	70	ENE	3	b	1020.5	+	63	+4	NE	3	-	bm	3	-	75	58	b. bc	bc. b	bm m	10.5
	Portland Bill	1023.4	65	-	0	b	1022.5	0	61	+1	NE	2	-	b	2	-	69	58	bc	b	b	+
	Dungeness	1022.9	64	NE	2	c	1022.2	0	62	+2	NNE	2	N	b	1	-	68	48	bc	bc	bc. kw	6.8
	Dover	1023.3	62	-	0	bz	1022.5	-	62	+2	NE	1	-	m	2	-	69	56	bc. bc	bc. b	bc. b	+
NORTHERN EUROPE.	Wick	1018.2	59	W	3	0	1017.5	0	57	0	WSW	1	W	bc	2	0.3	62	55	c	com	omd. bc	+
	Nairn	1019.4	762	W	1	bcg	1019.3	+	56	-5	WSW	2	-	om	2	-	65	54	cg	q. bc	q. c. 0	2.3
	Aberdeen	1020.0	66	SE	2	bc	1019.3	+1	56	-6	W	1	W	c	1	-	71	50	b. bc	bc	bc. c	8.8
	Leith	1020.9	65	WSW	3	bc	1020.8	0	59	-2	W	3	-	bc	2	-	67	55	c	c. bc	bc. b	+
	Tynemouth	1021.9	67	W	2	bc	1021.9	0	57	-2	WNW	1	-	bm	2	-	73	54	bc	bc	bm	+
	Spurn Head	1023.4	62	S	2	bcm	1023.6	0	60	+2	WNW	3	-	cm	3	-	73	56	bcm	bcm	bcm	8.1
	Yarmouth	1023.2	64	E	1	0	1022.6	0	55	-1	N	1	-	bm	1	-	71	53	om	om	bcm. bm	8.0
	Clacton-on-Sea	1023.2	65	S	1	b	1023.1	0	59	-1	N	1	-	m	0	-	68	53	c. bz	bz	bz. fm	9.0
	Nottingham	1023.2	67	NNW	2	b	1023.8	+	48	0	SW	1	-	bm	2	-	71	47	bc. c	c. bm	bm. c	8.3
	Bath	1023.1	71	NE	1	bc	1022.9	+	59	+4	NW	1	-	bc	2	-	72	53	bc. b. bc	b. bc	bc. com. bc	8.5
	St. Farnborough	1022.4	68	-	0	b	1022.7	0	49	-7	-	0	-	b. g. w	2	-	72	48	bc. g. b	b	b. g	8.2
	London (Kew Obsy.)	1022.9	69	NNE	1	b	1022.9	+1	53	-3	-	0	-	+	Trace	74	51	bc. m. bc	bc. b	b. m. f. c	8.4	
	Spitsbergen	995.0	46	SE	4	0	993.6	0	33	-12	ENE	6	+	c	2	+	46	33	+	+	+	+
	Vardö	997.3	50	SE	2	bc	995.4	0	50	-4	SW	2	-	bc	2	+	54	48	+	+	+	+
	Bodö	997.2	46	SW	7	c	994.6	0	48	-2	SW	7	-	0	5	18	50	45	+	+	+	+
Christiansund	1007.3	52	WSW	4	0	1003.1	-4	52	-5	WSW	6	-	r	4	7	57	50	+	+	+	+	
Skudesnaes	1015.9	57	W	2	0	1014.9	0	57	-2	WNW	6	-	r	2	1	61	55	+	+	+	+	
Færder (X'iania Fjord)	1012.6	63	WSW	5	0	1011.1	+1	63	+8	SW	5	-	0	2	-	63	54	+	+	+	+	
The Scaw (Skagen)	1015.4	61	WSW	4	m	1014.1	0	61	0	W	5	W	+	5	-	64	59	+	+	+	+	
Blaavands Huk	1021.0	61	W	2	0	1019.8	0	61	+2	WNW	3	-	0	2	-	64	59	+	+	+	+	
FRANCE, &c.	Haparanda	1002.3	55	SW	6	0	999.7	-1	52	+2	SW	4	-	b	2	+	59	45	+	+	+	+
	Hernösand	1004.6	59	S	2	c	1005.6	0	55	0	S	2	-	c	2	+	61	45	+	+	+	+
	Stockholm	1011.0	59	W	2	0	1008.2	0	59	0	W	4	-	0	2	+	66	50	+	+	+	+
	Wisby	1013.5	63	WSW	4	c	1011.5	-1	73	+4	W	6	-	bc	2	+	64	57	+	+	+	+
	Karlstad	1010.9	61	W	2	0	1009.7	0	61	+6	W	2	-	c	2	+	64	55	+	+	+	+
	Petrograd (5 a.m. G.M.T.)																					
	The Helder	1023.3	64	NW	1	b	1025.2	+1	59	0	S	1	-	b	1	-	66	52	+	+	+	+
	C. Gris Nez	1022.4	64	NE	3	b	1022.0	0	60	-1	E	4	+	b	2	-	70	54	+	+	+	+
	La Hève	1021.1	64	NE	3	m	1020.0	+	61	+4	NE	3	+	m	2	-	72	55	+	+	+	+
	Ushant	1021.0	59	NE	2	c	1019.9	+	58	+1	NE	3	+	bc	2	-	64	55	+	+	+	+
SOUTHERN EUROPE.	Brest (St. Mathieu)	1020.7	66	NE	4	c	1020.0	+1	59	+1	NE	4	+	m	3	-	64	57	+	+	+	+
	Roche fort (Ile d'Aix)	1016.2	80	ENE	3	bc	1014.9	0	65	+2	ENE	4	+	c	2	-	93	63	+	+	+	+
	Biarritz	1012.6	84	E	2	c	1014.3	+3	69	+7	W	4	+	0	3	-	91	62	+	+	+	+
	Paris	1020.3	70	NNE	2	b	1020.0	0	69	+2	NNE	1	-	b	2	+	77	54	+	+	+	+
	Belfort	1020.4	66	E	4	m	1021.0	+	54	0	E	5	+	f	2	+	75	57	+	+	+	+
	Lyons	1018.3	74	N	1	b	1018.3	+	64	+4	-	0	+	b	2	+	82	57	+	+	+	+
	Nice	1017.2	70	-	0	b	1017.1	0	72	+2	-	0	+	b	0	+	82	63	+	+	+	+
	Perpignan	1016.9	72	NE	2	b	1015.9	0	66	+2	-	0	+	f	2	+	79	59	+	+	+	+
	Sanguinaire	*	73	N	3	m	*	+	72	+	E	1	+	m	2	+	86	64	+	+	+	+
	Corunna (7 a.m.)	1015.0	63	NW	1	blr	1015.3	+2	66	-2	SW	2	SE	b	2	35	73	55	+	+	+	+
Madrid (8 a.m.)	1011.7	90	-	0	b	1014.4	0	72	0	WSW	2	+	b	2	+	91	64	+	+	+	+	
Lisbon (9 a.m.)	1014.9	75	WNW	4	b	1017.3	+1	68	+2	W	2	W	b	2	+	81	66	+	+	+	+	
Gibraltar	1017.3	73	E	2	b	1016.9	+	71	-2	W	4	+	b	2	+	81	69	+	+	+	+	
Rome	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Malta (8 a.m.)	*	*	*	*	*	1015.7	+2	73	+	NW	4	-	bc	2	-	79	70	+	+	+	+	
Azores (Horta, 8 a.m.)	1021.9	*	-	0	c	1022.1	0	70	+4	SSW	4	+	bc	2	-	79						

## RAINFALL.

Equivalents of Millimetres in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.36	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





**FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

**NO WARNINGS  
ISSUED.**

Western Channel and Bay 11

**FURTHER OUTLOOK.**

R. G. K. LEMPFEET, Superintendent, Forecast Division.

NAPIER SHAW, Director

- |    |            |  |
|----|------------|--|
| 0  | a }<br>b } | Westerly winds, light or moderate; cloudy or fair generally, some rain locally; moderate temperature.                |
| 1  | a }<br>b } | Westerly and North-Westerly winds, light or moderate; fair or bright generally, some mist at night; moderately warm. |
| 2  | a }<br>b } | Light winds between North-East and North-West; bright generally, local mist or fog at night; rather warm.            |
| 3  | a }<br>b } | Light variable winds; fine generally, mist or fog locally at night; temperature rather high.                         |
| 4  | a }<br>b } | Wind light between North and East; fine generally, some local mist or fog at night; temperature rather high.         |
| 5  | a }<br>b } | Same as Nos. 1 & 2.  |
| 6  | a }<br>b } | Same as No. 4.   |
| 7  | a }<br>b } | Same as No. 5.   |
| 8  | a }<br>b } | Same as No. 0.   |
| 9  | a }<br>b } | Light variable winds; fine generally, some mist or fog at night; moderate warmth.                                    |
| 10 | a }<br>b } | North-Easterly winds, light or moderate; sea slight; fair or bright generally, local mist.                           |

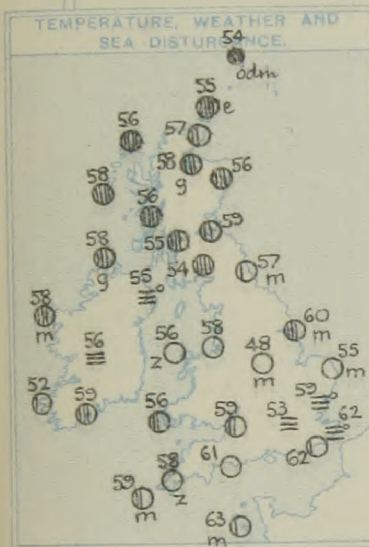


# SYNOPTIC CHART FOR 7 a.m., THURSDAY, 26th

AUGUST, 1915.

## GENERAL INFERENCE.

There are no indications  
of any important change.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**WIND.**—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers. Calm

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.

⊙ sky 1/2 clouded. ⊙ overcast sky. ⊙ rain falling.

\* snow. △ hail. ≡ fog. ≡ mist. T, thunder.

⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~. High ~~~~.

Inches

31

ely

right

h

30

29

ht.

ht.

ht.

ht.

ht.

ht.

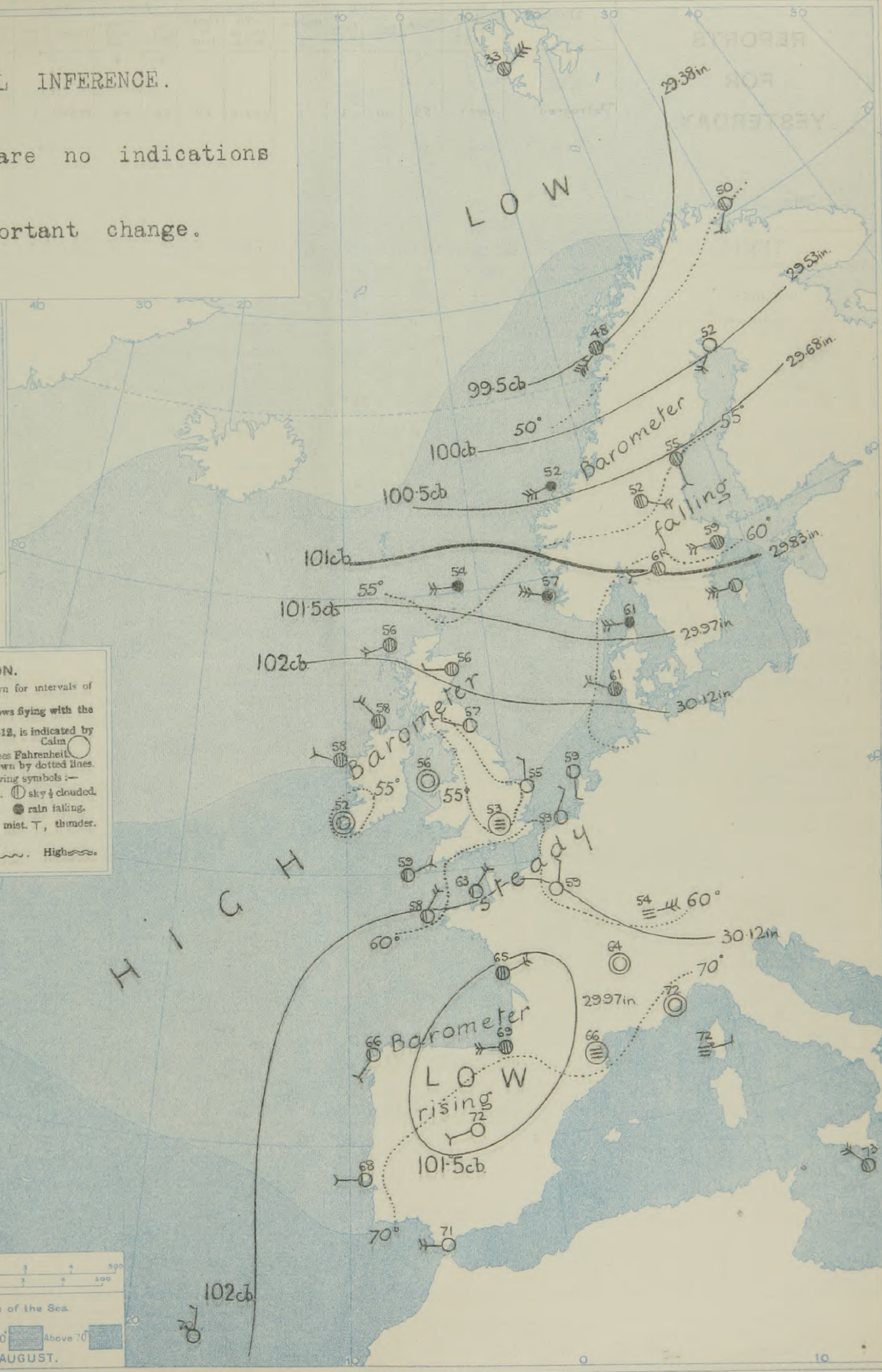
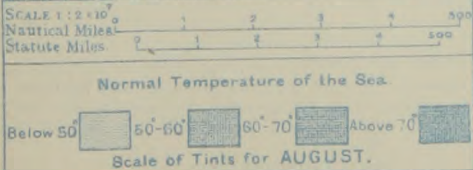
ht.

ht.

ht.

ht.

ht.





# DAILY WEATHER REPORT.

Thursday, 26th August, 1915.

## REPORTS FOR YESTERDAY.

25th August 1915

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.				Sea 0-3.	Max.
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Direc.	Force 0-12.							
Petrograd	1009.1	59	W	3	0	1011.4	+2	59	+4	WNW	3	-	0	*	64	54		
Siarnitz	1019.4	71	NE	1	6	1015.4	0	62		-	0	*	6	0	77	61		

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		°F.	°F.	c.b.c	c.b.c		Tunbridge Wells ...		°F.	°F.	b.c.b.c	b.c.b	
Oban ...	1	62	52	c.b.c	c.b.c	2.3	Margate ...		69	57	c	b	7.0
Banff ...	1	66	52	c.b.c	b.b.c	3.5	Ramsgate ...		67	55	o.z	b	7.5
Carnoustie ...	1	70	54	b	b	11.2	Hastings ...		70	56	o.b.c	b	6.6
St. Andrews ...	-	68	55	*	*	10.4	Bexhill-on-Sea ...		70	59	b.c	b	6.8
Eng., N.E.							Eastbourne ...		69	56	b	b.b.c.b.z	9.5
Harrogate ...	-	69	51	b.c.b	b.c.b	7.9	Seaford ...		74	55	b	b	7.9
Skegness ...	-	68	48	b	b.b.c	9.8	Brighton ...		74	57	b	c.b.c	8.0
Eng., N.W.							Worthing ...		74	56	o.b.c	b	6.6
Morecambe ...	-	66	55	c.b	b	8.0	Littlehampton ...		69	56	o	o.b.c	6.4
Blackpool ...	-	68	57	b.c.b	b	9.2	Bognor ...		73	56	c.b	b	7.3
Southport ...	-	66	55	o.b.c.b	b	8.8	Southsea ...		73	56	b.c	b.c	7.0
Midlands.							Bournemouth ...		75	53	c.b	b	11.1
Buxton ...	-	65	48	b.c	b.c	4.8	Weymouth ...		74	57	c.z.b	b.c.b.z	7.5
Leamington Spa ...	-	73	45	b.c	b.c	10.5	Torquay ...		71	54	c.b.c.b	b	10.3
Malvern ...	-	73	44	b.z.b.c	b.c.c	7.8	Paignton ...		69	54	b	b	10.6
Ross-on-Wye ...	-	73	44	b.z.b.c	b.c.c	7.8	Falmouth ...		72	55	b.b.c	b	11.0
Wales.							Penzance ...		65	55	c.b	b.z.c.z	6.4
Rhyl ...	-	66	46	b	b.c	10.5	Newquay ...		68	52	b.c.b	b.z	7.7
Colwyn Bay ...	-	66	52	b.c	b	8.2	Ilfracombe ...		70	50	b	b.z	8.0
Llandudno ...	-	69	51	b	b	9.7	Weston-super-Mare ...						
Aberystwyth ...	-	66	50	c.b	b.b.c	10.0							
Tenby ...	-	70	45	b	b	11.5							
England, E.													
Cromer ...	-	66	54	b.m	b.m	10.7							
Lowestoft ...	-	69	54	o.c.b.c	b.c.b.z	7.5							
Felixstowe ...	-	69	55	b.m	b.m	10.5							
Walton-on-Naze ...	-	69	55	b.c.b	b	8.8							
Southend-on-Sea ...	-	72	59	b.b.c	b.c.b	8.8							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 51	% 81	Hr. 7.6	° F. 72	° F. 50	° F. 42	mm. § —	bz	bz	bz bz
City (Bunhill Row) ...	* *	* *	8.1	* *	* *	* *	* *	* *	* *	* *
Westminster (St. James's Pk.)	52	73	7.9	74	54	51	—	bc	bcm	bcm
Camden Sq. (Brit. Rainfall)	51	77	9.0	76	52	51	—	b bc	b	*
Hampstead (Reservoir) ...	* *	72	8.8	72	51	42	—	bc	b	b
Richmond Park ...	* *	* *								
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
S. Kensington (Roof of M.O.)	49	76	8.5	Total. 142.6 Joules		Average Rate. 28.4 Milliwatts.		Max. Rate. 60 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS. .	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. & <sup>g</sup>	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	—	68	54	50	c.b	b.c	c. b	
Darwen to 9 p.m.	—	69	51	47	b.c.u.w	b.c	b. c	6.5
Manchester „	~	69	49	*	b.w.b.c	c. b.c	b. c. b	6.6
Birmingham „	—	70	50	33	*	c	c	6.2
Oxford to 8 p.m.	*							*
Teignmouth to 9 „	—	71	53	52	b.c	b. c. b	b	6.2
Plymouth „	—							*
S. Kensington (Museum Grounds to 6 p.m.)	—	74	56	49	b.z. c	b.z. b.c	b. c. b	*

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

25th August, 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.54	G.M.T. 4.55	G.M.T. 6.56
Greenwich ...	5.4	12.1	7.0
Wick ...	5.5	12.1	6.57
Valencia ...	5.59	12.14	7.28
	5.1	12.13	7.25
	5.46	12.43	7.43
	5.48	12.42	7.43

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 70° in many parts of the Kingdom, and touched 74° or 75° at some southern stations. Bright sunshine was more prevalent than of late over the Kingdom generally.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 239.

Friday,

27<sup>th</sup> August, 1915.

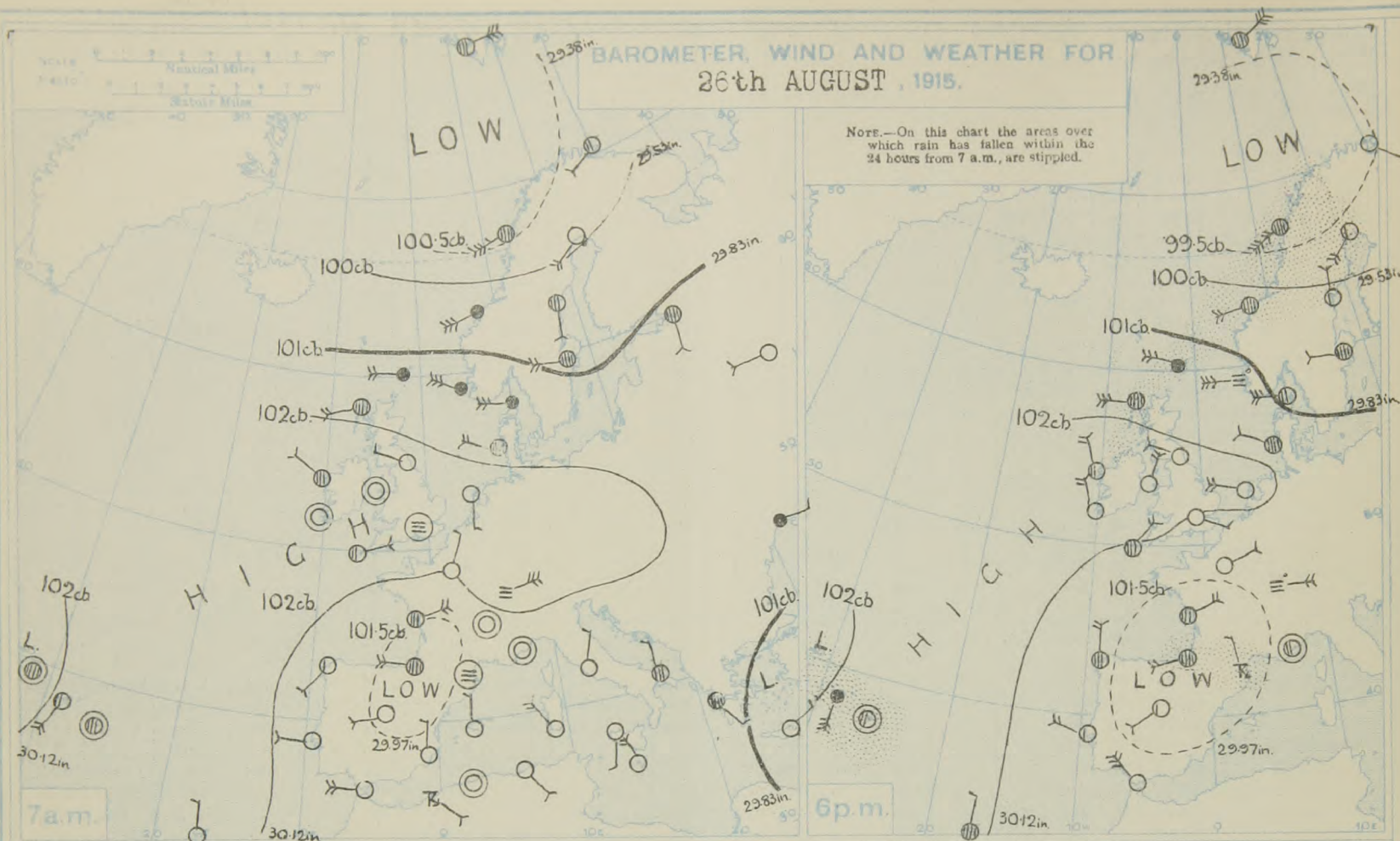
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours. °F.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1013.3	55	WNW	5	ond	1011.9	-1	54	0	W	4	-	ond	4	1	57	50	om	om	ond	Hours.
	Deerness	1015.9	56	W	7	og	1014.2	-	54	-1	W	5	-	ome	3	-	58	54	og	og	og	0.5
	Stornoway	1018.8	59	W	5	of	1016.8	-1	55	-1	W	4	-	odpq	3	1	62	55	o cq	c. of	c. odpq	2.0
	Castlebay (Barra Isd.)	1021.2	58	SW	3	o	1018.9	0	56	-2	W	3	-	o	3	1	60	54	o	ofm	c. of	0.2
	Glasgow	1020.9	58	W	3	bc	1019.8	0	58	+3	W	2	-	o	-	-	61	53	c. o. c	o. c	bc. c. o	2.5
	Eskdalemuir	1020.9	57	W	3	b	1020.8	0	43	-11	-	0	-	ow	-	-	64	36	a. c. bc	bc. b	bc. b. m	7.3
	Malin Head	1023.2	59	NW	4	cq	1021.4	-2	57	-1	SW	5	-	omgr	5	1	62	56	e	cq	omgr	0.6
	Blacksod Point	1024.3	58	NNW	3	bdr	1023.0	-2	57	-1	WSW	2	W	omc	2	-	61	53	cv	bc. b	bc. b. c	-
	Valencia	1023.1	65	NNW	3	b	1022.9	0	58	+6	NNE	2	NE	b	3	-	71	52	b	bc	b. bc. b	12.0
	Roche's Point	1023.2	64	S	1	o	1022.9	-	57	-2	NNW	2	N	c	2	0.1	68	56	c. og	a. c. og	a. bc. c	-
	Birr Castle	1023.4	60	NW	1	bc	1023.1	-	54	-2	NW	1	N	c	-	-	70	52	c	bc	c	5.9
	Donaghadee	1021.2	58	N	2	cq	1021.2	0	56	+1	WNW	3	-	ogm	2	-	61	53	om	cq	bm. ogm	-
	Liverpool (Bidston)	1022.1	61	NW	2	b	1020.6	0	57	-1	WNW	3	W	og	3	-	64	56	bc	cg	c. b	10.3
	Holyhead	1022.7	65	NNE	3	b	1021.7	0	58	+2	NNE	3	NE	bc	2	-	68	55	bz	b	bc. bc	12.0
	Pembroke (St. Ann's)	1021.9	63	NNE	3	b	1021.2	0	58	+2	ENE	2	L	b	2	-	71	56	bc	bc	b	10.1
	Scilly (St. Mary's)	1019.5	63	NE	3	cm	1018.8	-1	60	+1	ENE	3	NE	cm	3	-	67	57	cm	cm	cm	9.8
	Falmouth	1019.3	68	ENE	1	bz	1018.8	0	58	0	NNE	1	-	bz	2	-	71	56	b	b	b. z	10.8
	Jersey (St. Aubin)	1017.5	69	NE	4	b	1017.1	-	62	-1	NE	4	-	bm	3	-	73	60	bm	b	bm	11.3
	Portland Bill	1020.0	64	NE	2	b	1018.5	-2	58	+3	NE	4	-	b	3	-	69	57	b	b	b	-
	Dungeness	1019.7	63	NE	3	b	1019.0	0	60	-2	NE	2	-	b	2	-	68	52	b	b	b. w	-
	Dover	1020.2	60	NE	1	b	1018.1	-	62	0	N	2	-	bz	2	0.1	70	55	b	b	b. w	11.7
	Wick	1017.1	60	W	3	bc	1015.3	-1	57	0	W	1	-	o	1	-	67	53	bc. om	om. bc	bc. o	-
	Nairn	1018.7	62	WSW	3	cq	1016.4	-	58	+2	W	2	-	bc	1	0.2	66	53	bc. c	bc. c	cp	6.3
	Aberdeen	1018.2	62	NE	1	bc	1016.9	0	61	+5	WSW	1	W	bz	1	-	66	52	c. bc. b	b. bc	bc. bz	8.9
	Leith	1019.3	62	WSW	3	bc	1019.2	0	59	0	WSW	2	NW	c	-	-	66	53	c. bc	b	bc. b	-
Tynemouth	1019.8	59	WNW	2	b	1019.2	0	62	-5	WNW	2	W	bc. m	2	-	70	49	bc. m	bc. m	bc. m	-	
Spurn Head	1021.0	62	SSE	3	cm	1020.1	0	60	0	N	4	-	cm	4	-	72	55	bc	cm	cm	4.2	
Yarmouth	1020.5	64	E	1	bm	1019.2	-1	58	+3	WNW	1	-	bm	1	-	68	54	bm	bm	bc. bm	10.4	
Clacton-on-Sea	1020.7	64	ESE	1	b	1019.9	0	56	-3	NNW	2	-	b	1	-	68	52	bm. z	bz	bz. w	11.5	
Nottingham	1020.7	66	NW	3	b	1020.3	-	49	+1	WSW	1	W	cm	-	-	73	46	bc. m. c	cm. b	bm	7.3	
Bath	1020.0	73	NE	1	b	1021.1	-	57	-8	NE	1	-	b	-	-	75	48	bc. b	bc. b	bc. b. c. m	10.4	
St. Farnborough	1019.4	70	-	0	m	1019.7	0	50	+1	-	0	-	b. m. w	-	-	72	47	m. bz	bz	bm. b. m	7.3	
London (Kew Obsy.)	1019.9	70	ESE	1	b	1020.2	+1	54	+1	N	1	-	bm	-	-	74	52	f. m. bz	bz. bz. b. m	bm	7.7	
NORTHERN EUROPE.	Spitsbergen	995.1	43	ENE	6	o	999.5	0	45	3	NE	4	-	o	-	-	46	37	-	-	-	-
	Vardö	999.1	48	SE	1	b	991.5	-2	50	0	SW	1	-	b	2	-	54	46	-	-	-	-
	Bodö	991.8	48	SW	9	o	987.1	0	46	-2	SW	8	-	o	5	15	48	41	-	-	-	-
	Christiansund	1003.8	52	WSW	4	o	1005.3	0	50	-2	WSW	6	-	c	4	10	52	50	-	-	-	-
	Skudesnaes	1013.5	57	W	6	m	1011.4	0	57	0	WNW	4	-	o	3	-	57	56	-	-	-	-
	Færder (X'ania Fjord)	1007.9	66	WSW	5	ic	1006.3	0	63	-2	SW	6	-	o	3	-	66	61	-	-	-	-
	The Scaw (Skagen)	1012.4	59	W	5	bc	1010.6	0	61	0	W	6	-	o	5	-	64	57	-	-	-	-
	Blaavands Huk	1018.1	61	NW	2	o	1017.2	0	59	-2	WNW	2	-	o	3	-	63	57	-	-	-	-
	Haparanda	995.9	50	SW	4	b	991.8	-2	50	-2	SW	4	-	c	-	1	55	39	-	-	-	-
	Hernösand	1001.5	54	N	2	b	1001.6	0	54	-1	NW	6	-	b	-	2	61	46	-	-	-	-
FRANCE, &c.	Stockholm	1005.0	63	W	2	o	1003.3	0	61	+2	W	6	-	c	-	-	68	54	-	-	-	-
	Wisby	1008.0	64	SW	4	bc	1007.3	0	61	-2	W	6	W	b	4	-	66	59	-	-	-	-
	Karlstad	1007.7	64	W	2	bc	1004.7	-	63	+2	W	4	-	bc	-	-	70	59	-	-	-	-
	Petrograd (5 a.m. G.M.T.)																					
	The Helder	1020.4	64	WNW	4	b	1019.5	0	61	+2	NNW	1	-	b	1	-	68	59	-	-	-	-
	C. Gris Nez	1019.8	63	ENE	4	b	1019.0	0	59	-1	E	3	-	b	2	-	68	55	-	-	-	-
	La Hève																					
	Ushant	1017.6	60	NE	4	b	1015.8	-	59	+1	ENE	3	-	bc	3	-	63	54	-	-	-	-
	Brest (St. Mathieu)	1015.7	73	NE	3	b	1015.8	0	61	+2	NE	4	-	bc	2	-	81	59	-	-	-	-
	Rochefort (Ile d'Aix)	1011.9	80	ENE	3	c	1011.9	0	64	-1	E	3	-	o	-	-	90	63	-	-	-	-
SOUTHERN EUROPE.	Biarritz	1012.4	41	WSW	3	o	1013.2	+2	66	-3	WSW	2	-	o	2	20	84	64	-	-	-	-
	Paris	1016.8	70	NE	2	b	1016.2	+1	59	0	NNE	2	-	b	-	-	79	55	-	-	-	-
	Belfort	1016.5	70	E	4	m	1017.3	-	59	+5	E	4	-	m	-	-	77	54	-	-	-	-
	Lyons	1014.3	78	E	1	b	1015.8	-	64	0	S	1	-	b	-	-	85	60	-	-	-	-
	Nice	1016.0	70	-	0	bc	1016.0	0	72	0	-	0	-	c	0	-	86	63	-	-	-	-
	Perpignan	1014.4	70	NNW	1	tlr	1013.7	0	72	+6	-	0	-	o	-	2	75	66	-	-	-	-
	Sanguinaire	*	80	N	3	m	*	-	73	+1	E	3	-	o	2	-	88	66	-	-	-	-
	Corunna (7 a.m.)	1015.4	68	N	3	c	1014.4	-1	64	-2	SW	1	-	f	2	-	72	63	-	-	-	-
	Madrid (8 a.m.)	1011.0	81	SW	2	b	1014.7	+2	65	-7	S	1	SW	b	-	-	84	59	-	-	-	-
	Lisbon (9 a.m.)	1016.7	75	WNW	2	b	1015.4	0	66	-2	WNW	2	W	b	2	-	77	64	-	-	-	-
Gibraltar	1016.2	72	NW	5	b	1014.2	-	68	-3	NW	4	-	b	2	-	79	67	-	-	-	-	
Rome																						
Malta (8 a.m.)	*	*	*	*	*	1015.4	+3	73	0	NW	3	-	b	2	-	79	70	-	-	-	-	
Azores (Horta, 8 a.m.)	1022.4	*	-	0	b	1017.7	0	68	-2	-	0	-	c	2	22	77	68	-	-	-	-	
Madeira (Funchal)	1020.7	73	N	1	o	1019.1	0	68	-2	NE	1	-	bc	1	-	75	68	-	-	-	-	
South Farnborough ~ 7 a.m. Pilot Balloon Ascent ~																						
500 metres N by E 4 miles per hour.																						
2000 " " " " " "																						

## RAINFALL.

Equivalents of Millimetres.  
in inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97





**FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

**NO WARNINGS  
ISSUED.**

Western Channel and Bay

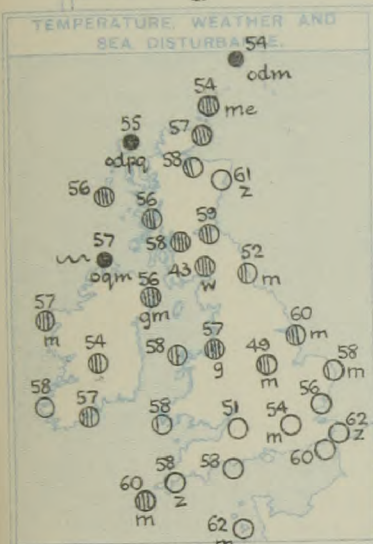
- |    |  |
|----|--|
| 0  | a } Fresh to strong Westerly and South-Westerly winds;<br>b } cool, cloudy, occasional rain. |
| 1  | a } Light to moderate Westerly and South-Westerly winds;                                     |
| 2  | a } Fair today, some showers tomorrow; normal temperature.                                   |
| 3  | a } Light Westerly and North-Westerly winds; fine and  |
| 4  | a } warm generally, local mists at night.  |
| 5  | a } Light breezes, chiefly Northerly; fine and warm  |
| 6  | a } generally; local mists at night.   |
| 7  | a } Light to fresh Westerly and South-Westerly winds;  |
| 8  | a } cloudy, some rain; normal temperature.   |
| 9  | a } Same as Nos. 1 & 2.  |
| 10 | a } Same as No. 5.   |
| 11 | a } Freshening Westerly and South-Westerly winds; cool;                                      |
|    | b } cloudy, occasional rain.   |
|    | c } Light Northerly to Westerly winds; fair generally;                                       |
|    | d } normal temperature.  |
|    | e } Light North-Easterly winds, and a slight or smooth sea;                                  |
|    | f } fine and warm generally, misty in places.  |

**FURTHER OUTLOOK.**



# GENERAL INFERENCE.

The anticyclone will continue to diminish in intensity, and will move slowly southward. No immediate change is contemplated in the south, but over our northern districts the weather will be influenced by depressions moving eastward between Iceland and the Norwegian coast.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

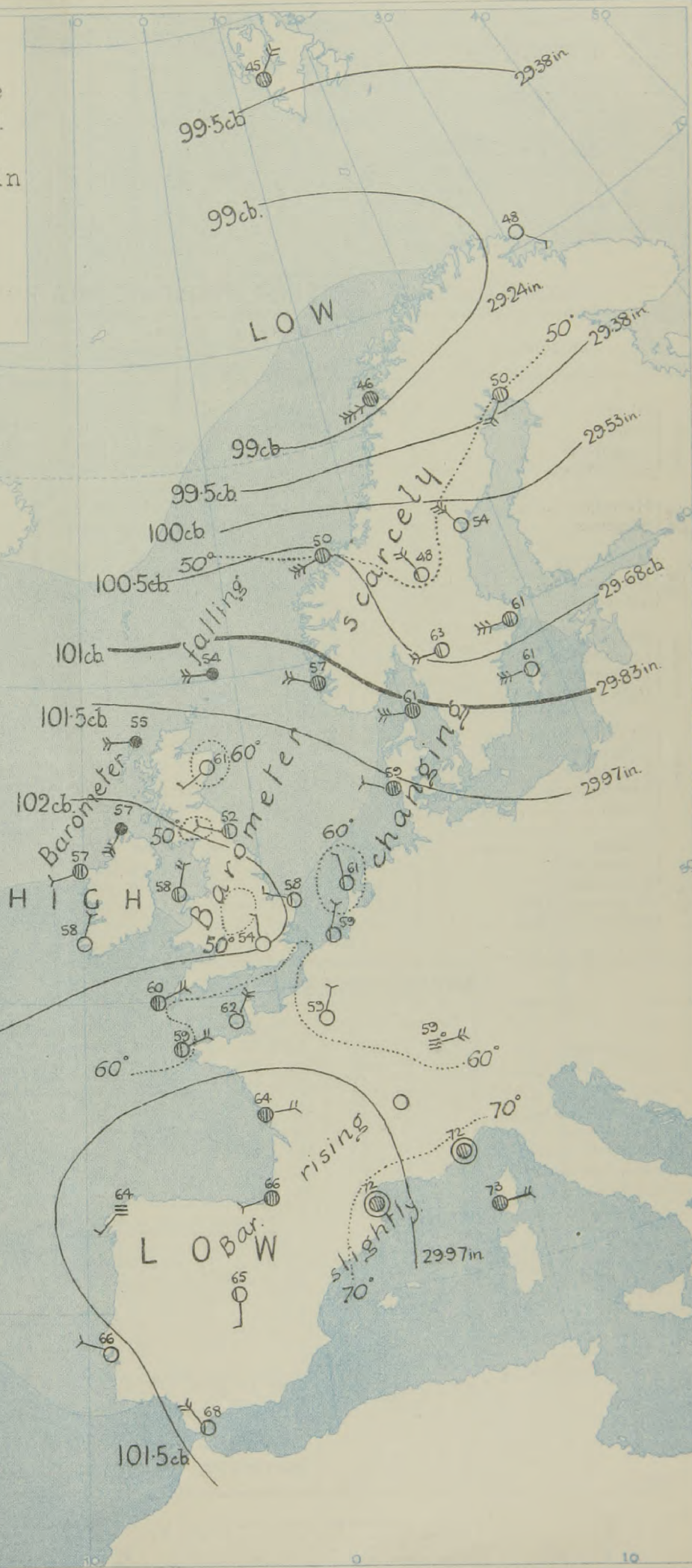
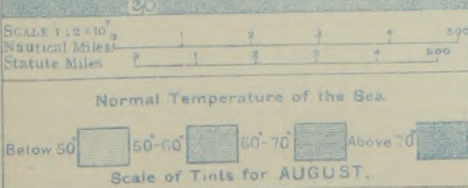
○ clear sky. ○ sky & clouded. ○ sky & clouded. ○ sky & clouded. ○ overcast sky. ● rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

**SEA DISTURBANCE.**—Rough. High.

Inches  
31

30

29





# DAILY WEATHER REPORT.

Friday, 27th August 1915.

REPORTS  FOR  YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETRE.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
		" F.					" F.	" F.										
	Petrograd	1013.2	57	W	2	b	1010.6	-1	55	-4	S	2	-	o	*	-	63	52
	Rome	1014.6	73	N	2	b	1014.6	0	70	-	N	1	-	bc	*	-	84	64
25th August 1915																		

26th August 1915

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		° F.	° F.						° F.	° F.			
Scotland.							Tunbridge Wells ...		74	46	b	b	11.5
Oban ...	-	60	54	c	c	0.5	Margate ...	-	66	58	b	b	11.2
Banff ...	-	67	53	bc	bc	9.6	Ramsgate ...	-	66	56	b	b	10.6
Carnoustie ...	-	72	51	b	b	11.5	Hastings ...	-	71	54	b	b	11.2
St. Andrews ...	-	70	51	*	*	10.6	Bexhill-on-Sea ...	-	68	57	b	b	11.4
England, N.E.							Eastbourne ...	-	69	51	b	b	11.2
Harrogate ...	-	69	52	bc b	b	11.6	Seaford ...	-	74	52	b	b	11.4
Skewness ...	-	70	52	b bc	bc c	8.7	Brighton ...	-	73	52	b	b	11.9
England, N.W.							Worthing ...	-	71	51	b	b	12.0
Morecambe ...	-	66	54	c bc d	d	9.2	Littlehampton ...	-	68	53	b	b	12.0
Blackpool ...	-	64	52	b bc	b	8.7	Bognor ...	-	70	51	b	b	11.8
Southport ...	-	63	52	o bc b	b o bc	7.7	Southsea ...	-	72	52	b	b	11.7
Midlands.							Bournemouth ...	-	76	51	b	b	11.0
Buxton ...	-	67	46	bc	bc	9.2	Weymouth ...	-	74	56	b	b	11.5
Leamington Spa ...	-	74	49	b	b	11.0	Torquay ...	-	71	54	b	b	10.9
Malvern ...	-	72	56	b	b	11.0	Paignton ...	-	-	-	-	-	-
Ross-on-Wye ...	-	74	54	b	b	10.2	Falmouth ...	-	71	56	b	b	10.8
Wales.							Penzance ...	-	74	58	b	b	10.5
Rhyl ...	-	64	46	bc	b	12.3	Newquay ...	-	68	50	b	b	10.0
Colwyn Bay ...	-	65	49	bc	bc	10.0	Ilfracombe ...	-	72	56	b	b	11.0
Llandudno ...	-	67	50	b	b	10.3	Weston-super-Mare ...	-	74	55	b	b	10.0
Aberystwyth ...	-	68	52	c b	bc c	11.5							
Tenby ...	-	75	51	b	bc	10.9							
England, E.													
Cromer ...	-	66	56	bm	bm	11.6							
Lowestoft ...	-	67	57	b	b	11.2							
Felixstowe ...	-	68	51	bm	bm	10.8							
Walton-on-Naze ...	-	69	52	bc	b	11.2							
Southend-on-Sea ...	-	70	57	b	b	11.1							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 61	% 76	Hr. 9.5	° F. 74	° F. 57	° F. 42	mm.‡ —	b	b	b, c, c.
City (Bunhill Row) ...	* —	* —	8.1	—	*	*	*	*	*	*
Westminster (St. James's Pk.)	62	75	8.1	76	55	50	—	bc	bc	bc
Camden Sq. (Brit. Rainfall)	57	70	8.8	78	53	52	—	b	b	*
Hampstead (Reservoir) ...	*	71	10.6	73	51	46	—	b	b	b
Richmond Park ...	*	*	8.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)	*	*								
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	51	71	8.3	122.1 Joules		24.3 Milliwatts.		4.6 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm.‡	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	—	67	55	51	c b m	a n	b c m	*
Darwin to 9 p.m.	—	66	51	46	b c w	b c	b c	7.8
Manchester "	Tr	64	48	*	b c w	a c	c b c. b z	6.7
Birmingham "	—	72	51	35	*	b	c	8.1
Oxford to 8 p.m.	*							*
Teignmouth to 9 "	—	71	53	51	b z	b	b	10.3
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	—	75	56	48	b	b z	b z	*

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

27th & 28th August 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.55	11.54	6.53
Greenwich ...	4.57	11.54	6.51
Wick ...	5.1	12.1	6.55
Valencia ...	5.4	12.13	7.22
	5.47	12.42	7.38

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 70° and upwards in many parts of the United Kingdom and reached 75° at Bath and Tenby. Over England and Wales and the south of Ireland the amount of bright sunshine was very large, between 11 and 12 hours in several localities.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of 1s per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 240.

Saturday,  
28th August, 1915.

STATIONS.	YESTERDAY EVENING					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer.		Temp.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Milli- bars at M.S.L.	Change in 3 hours.		Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.	Max.	Min.					Morning.	Afternoon.	Night.			
Lerwick ...	1006.4	55	W	5	ond	1007.7	+3	47	-7	NNW	4	NW	C	4	6	56	45	ond	ond	ond b	Hours.
Deerness ...	1009.1	55	SW	5	og	1009.5		49	-5	NNW	4	W	C	2	2	58	48	og	og, cm	or, c	0.0
Stornoway ...	1012.1	58	SW	6	odpy	1011.9	+2	50	-5	N	1	-	O	1	5	60	49	og	odpy	or, o	0.1
Castlebay (Barra Isd.)	1015.6	58	W	3	o	1012.0	0	55	-1	N	3	-	O	3	1	60	54	o	o	op, o	0.0
Glasgow ...	1016.0	58	W	4	c	1011.8	-2	57	-1	WSW	3	-	O	*	Trace	62	54	odp, c, o	o, c	codp	2.7
Eskdalemuir ...	1016.6	57	W	4	o	1012.8	-1	54	+11	WSW	4	-	om	*	-	63	42	ow, bc, o	oc, bc, o	c, c, bc	2.5
Malin Head ...	1018.6	58	W	2	bcu	1013.9	-2	58	+1	W	4	-	fd	5	1	60	54	bcu	bcu	omd	0.9
Blacksod Point ...	1020.3	58	W	3	bcv	1017.4	-3	58	+1	NW	3	-	ofd	3	1	62	55	bcv	bcv	bc, ofd	*
Valencia ...	1020.4	64	NW	3	bc	1018.8	0	58	0	NE	2	N	C	2	-	68	68	b	bc	c, o, c	10.6
Roche's Point ...	1020.9	62	SW	1	o	1019.1	*	59	+2	NW	2	NW	C	2	1	66	57	c, bc	cc	op, c	*
Birr Castle ...	1020.0	64	NW	1	C	1018.0	*	56	+2	W	1	-	O	*	-	67	53	c	c	o	5.5
Donaghadee ...	1018.2	56	MNW	2	ogm	1018.0	-1	56	0	WSW	3	-	ogm	2	Trace	65	55	cp	ogm	og, omf	*
Liverpool (Bidston) ...	1018.4	60	WNW	2	C	1015.0	-2	57	0	WNW	3	NW	bc	2	-	63	56	o	o, c	bc	0.0
Holyhead ...	1019.1	61	NW	2	OV	1016.8	-1	58	0	N	3	W	cg	2	-	68	57	bc, ac	c, bc, c	o, c, o, c	5.0
Pembroke (St. Ann's) ...	1018.9	59	N	3	b	1016.8	-1	56	-2	N	2	N	C	2	-	62	54	b	b	b	12.2
BRITISH ISLANDS.																					
Scilly (St. Mary's) ...	1017.1	60	NNE	4	b	1015.8	-1	59	-1	NNE	3	-	bc	4	-	65	57	bcu	bm	b, bcu	10.2
Falmouth ...	1016.8	56	N	3	bz	1014.7	-1	58	0	N	2	-	b	1	-	73	55	bz	bz	bw	11.0
Jersey (St. Aubin) ...	1014.8	71	ENE	4	b	1013.5	*	62	0	NNE	3	N	C	3	-	75	61	bm, b	b	bc	12.3
Portland Bill ...	1016.7	65	NW	1	b	1014.9	0	59	+1	N	3	-	b	2	-	69	56	b	b	b	*
Dungeness ...	1015.7	65	NE	4	b	1013.9	-1	56	-4	NNE	1	-	bz	2	-	69	50	b	b	b, bz	*
Dover ...	1016.6	61	NNW	1	b	1013.5	-1	61	-1	NW	3	-	bz	2	-	70	50	b	b	bwz	11.4
Wick ...	1010.7	58	WSW	2	c	1010.1?	+3	56	-1	N	2	N	C	2	0.2	62	49	o, c	og	odg, cm	*
Nairn ...	1012.8	61	WSW	4	bcq	1010.7	*	54	-4	W	1	-	og	2	0.1	67	52	bcq	og, bc, c	og, c, a	6.5
Aberdeen ...	1012.7	59	NE	2	c	1010.2	+3	54	-7	NNW	3	-	od	2	0.4	70	54	b, bc, b	bc, c	c, bc, op	9.4
Leith ...	1014.3	62	WSW	3	bc	1010.8	-1	59	0	WSW	4	W	c	*	-	67	55	c, bc	bc, b	bc, c	*
Tynemouth ...	1016.1	65	WNW	2	cm	1012.2	-2	58	+6	WNW	3	N	bc	3	-	70	52	cm	cm	bc	*
Spurn Head ...	1017.7	62	S	2	bcu	1013.9	-2	59	-1	WNW	5	-	bcu	4	-	66	56	bcu	bcu	bcu	6.9
Yarmouth ...	1016.5	65	S	3	b	1013.9	-1	55	-3	NW	1	NW	cf	1	-	68	52	bm	bm	bm	10.7
Clacton-on-Sea ...	1016.9	64	ESE	1	b	1014.2	0	59	+3	NW	2	NW	bc	1	-	67	54	b, bc, z	bc, bz	bm, bc	11.6
Nottingham ...	1016.4	64	E	1	b	1014.7	*	56	+7	W	1	-	bm	*	-	70	49	c, bm	bm	bm, c	7.7
Bath ...	1017.1	68	N	1	b	1015.6	*	50	-1	N	1	-	bc	*	-	70	45	bc	bc	bc, bcu	10.8
Stb Farnborough ...	1016.0	69	NE	1	b	1014.4	-1	51	+1	-	0	-	b, fw	*	-	72	49	m, bz	b	bz, bcu	10.3
London (Kew Obsy.) ...	1016.0	69	NNW	1	C	1014.5	-2	55	+1	NW	1	-	bm	*	-	72	53	bm, bz	bz, bz, c	c, o, bc, bm	9.0
NORTHERN EUROPE.																					
Spitsbergen ...	993.2	43	SE	6	C	1004.0	+2	46	+1	ENE	3	*	O	*	*	46	41				
Vardö ...	987.4	48	NW	2	bc	987.1	0	50	0	S	1	-	b	2	*	50	45				
Bodö ...	993.9	46	WSW	7	C	984.7	-3	45	-1	E	4	-	C	3	10	46	41				
Christiansund ...	997.6	50	WSW	2	r	991.4	+2	46	-4	SW	9	-	r	6	39	52	46				
Skudesnaes ...	1009.2	55	W	5	r	1004.6	+3	52	-5	NW	6	-	C	3	?	59	55				
Færder (Mania Fjord) ...	1005.3	64	SSW	2	C	997.2	-3	59	-4	SW	8	-	O	4	-	64	52				
The Scaw (Skagen) ...	1008.8	59	WSW	5	bc	1003.9	-3	61	0	WSW	4	W	O	4	-	64	57				
Blaavands Huk ...	1015.7	61	NW	2	C	1010.1	-2	61	+2	SW	3	-	C	3	-	63	57				
Haparanda ...	992.8	52	W	2	b	989.9	-5	50	0	SSW	4	-	O	*	1	59	41				
Hernösand ...	1002.6	54	-	0	b	986.6	-9	54	0	S	2	-	r	*	1	59	48				
Stockholm ...	1013.9	63	WSW	2	0	997.7	-5	61	0	W	6	-	O	*	-	68	54				
Wisby ...	1007.1	63	WSW	6	b	1004.7	-3	61	0	WSW	6	-	O	5	-	66	57				
Karlstad ...	1004.0	64	W	4	bc	997.3	-4	61	-2	W	6	-	O	*	-	70	55				
Petrograd (S. a.m. G.M.T.)																					
FRANCE, & C.																					
The Helder ...	1016.8	63	N	1	b	1013.0	-1	61	0	WSW	1	-	b	0	-	66	48				
C. Gris Nez ...	1015.5	63	NE	4	b	1013.1	0	62	+3	NE	3	*	m	1	-	70	57				
La Hève ...	1012.8	72	ENE	3	m	1012.0	*	63	-	-	0	*	m	1	-	70	57				
Ushant ...	1014.3	59	NE	5	b	1013.9	*	58	-1	NE	5	*	O	3	-	63	54				
Brest (St. Mathieu) ...	1013.9	64	NE	5	C	1012.7	0	61	0	NE	4	*	C	2	2	61	61				
Roche fort (Ile d'Aix) ...	1012.4	69	-	0	O	1011.9	0	65	+1	NE	1	*	O	2	2	61	64				
Biarritz ...	1014.9	72	ENE	1	C	1011.5	+1	66	0	-	0	*	C	1	2.1	77	64				
Paris ...	1012.8	72	NNE	2	b	1013.0	+1	61	+2	-	0	-	b	*	-	81	59				
Belfort ...	1014.1	77	E	3	m	1015.8	*	63	+4	-	0	*	m	*	-	82	58				
Lyons ...	1013.0	73	SW	1	O	1015.1	*	64	0	SSE	1	*	bc	*	-	87	62				
Nice ...	1016.5	71	-	0	b	1015.9	0	70	-2	-	0	*	b	0	-	84	64				
Perpignan ...	1012.4	72	-	0	bc	1013.3	+3	70	-2	E	2	SE	bc	*	-	82	64				
Sanguinaire ...	*	80	E	3	m	*	*	76	+3	SE	2	*	m	2	-	88	68				
SOUTHERN EUROPE.																					
Corunna (7 a.m.) ...	1013.3	64	WSW	3	f	1013.2	+1	63	-1	-	0	-	f	2	-	66	61				
Madrid (8 a.m.) ...	1009.3	81	WSW	2	b	1013.1	+2	66	+1	-	0	-	b	*	-	81	55				
Lisbon (9 a.m.) ...	1013.5	73	WNW	3	bc	1013.6	0	66	0	SW	1	SW	b	5	-	77	64				
Gibraltar ...	1012.5	71	W	5	b	1011.8	*	66	-2	W	4	*	b	1	-	81	65				
Rome ...																					
Malta (8 a.m.) ...	*	*	*	*	*																
Azores (Horta, 8 a.m.) ...	1014.7	*	W	6	b	1012.7	0	68	0	NE	5	*	O	4	1	77	66				
Madeira (Funchal) ...	1016.2	73	N	1	a	1015.1	0	66	-2	N	1	-	C	1	-	75	66				

## RAINFALL.

Equivalents of Millimetres,  
in inches.

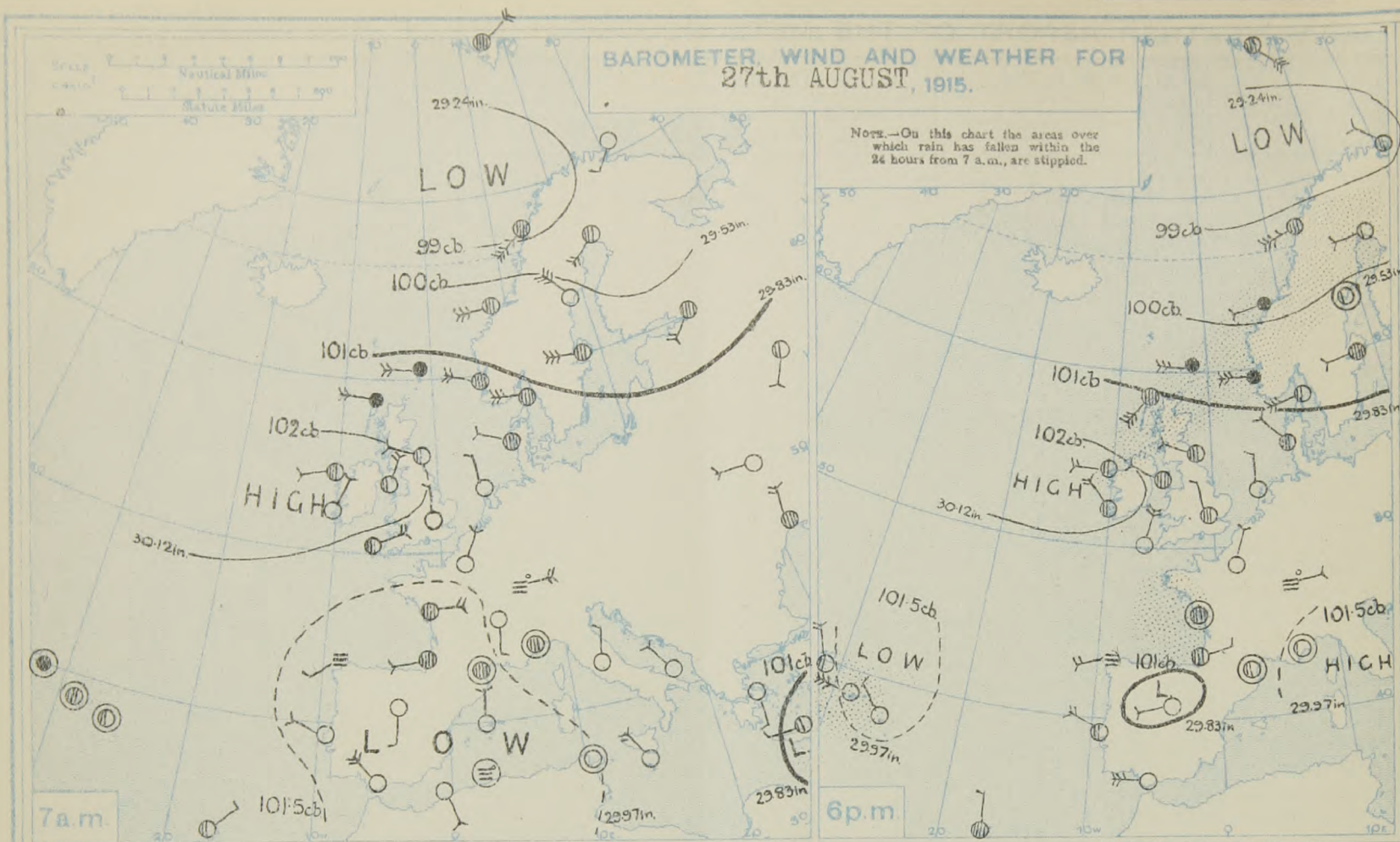
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.





**FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

**NO WARNINGS  
ISSUED.**

Western Channel and Bay

0 } Wind between North and North-West, light or moderate;  
1 }  
2 } changeable. some rain; moderately low temperature.

3 } Wind light between North and North-West; fair or  
4 } bright, some mist at night; moderately warm.

5 } Light winds between North-West and North-East; fair  
or bright, some mist at night; temperature about normal.

6 } Same as Nos. 0 - 2.

7 } Northerly and North-Easterly winds, light; fair or  
8 } bright generally, local mist; warm.

9 } Westerly winds, light or moderate; much cloud, some  
rain and mist; cool.

10 } Light variable to Westerly winds; fair, then some  
rain; cooler.

11 } North-Easterly and Northerly winds, light or moderate;  
sea slight or smooth; mostly fair or bright

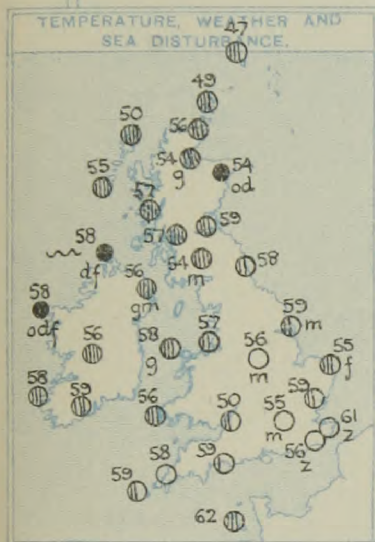
**FURTHER OUTLOOK.**



# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 28th AUGUST, 1915.

## GENERAL INFERENCE.

No great change seems probable in the general distribution of pressure at present.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**WIND.**—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers. Calm

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

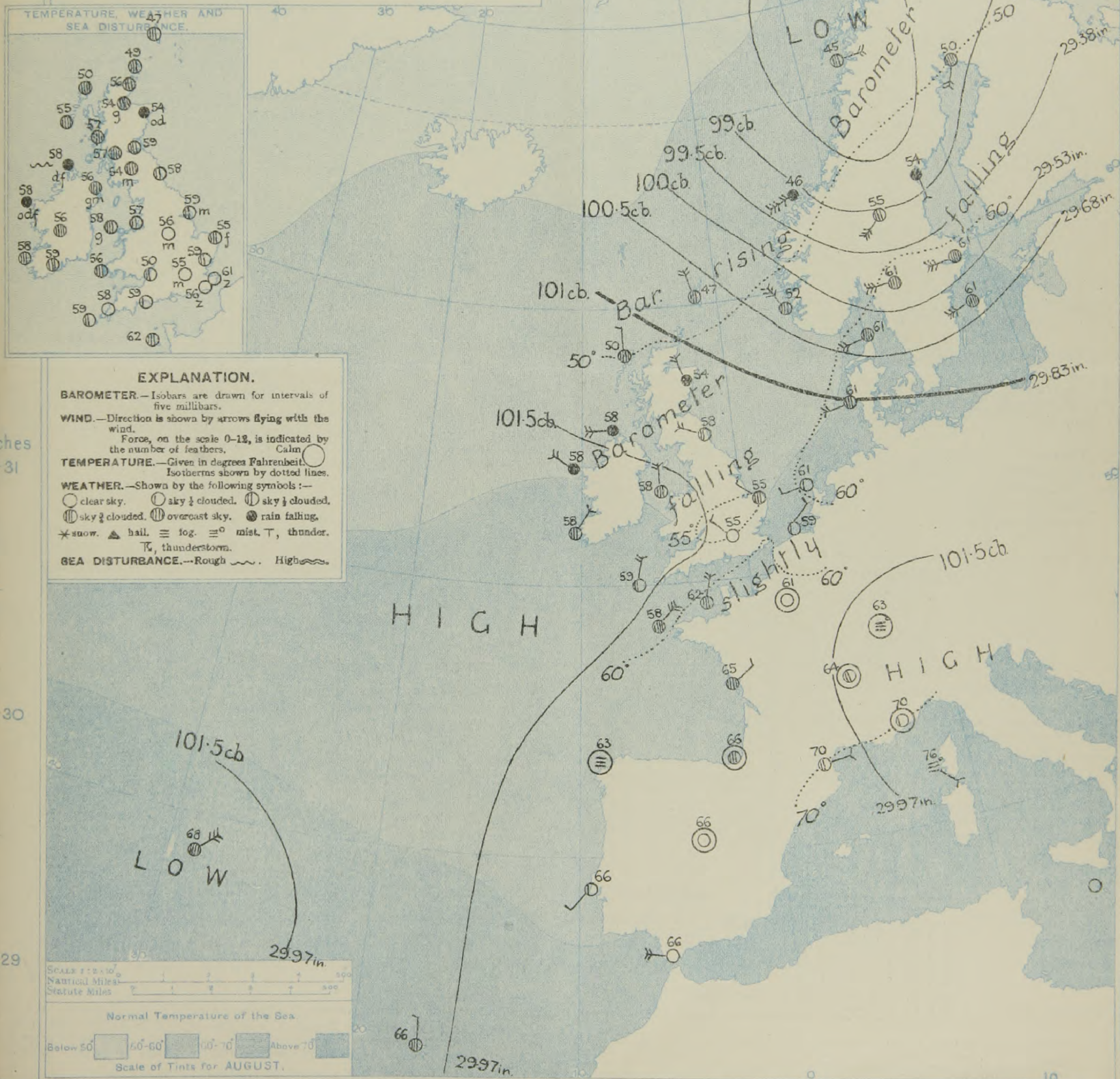
**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ sky 2/3 clouded. ○ overcast sky. ● rain falling.

\* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.

⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough High





## DAILY WEATHER REPORT.

Saturday, 28th August, 1915.

REPORTS  
FOR  
YESTERDAY.

27th August 1915

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
		* F.						* F.	* F.									
Petrograd...	1006.4	61	SSW	3	0	1003.0	+2	57	+2	SW	3	-	0	*	1	64	59	
Rome .....	1014.1	70	SW	1	b	1015.3	+1	68	-2	N	1	-	b	*	-	82	55	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.			
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.				
	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.			
Scotland.	{ Oban ... ..	-	60	54	bc	c	0.9	England, S.E.	{ Tunbridge Wells ... ..	-	72	47	b	bc-b	9.5	
	{ Banff ... ..	-	65	56	bc	bc	4.5		{ Margate ... ..	-	66	58	b	b	10.0	
	{ Carnoustie ... ..	-	72	49	b	b	10.5		{ Ramsgate ... ..	-	67	66	bc	b	10.8	
	{ St. Andrews ... ..	-	69	51	*	*	8.3		{ Hastings ... ..	-	70	54	0. bc-b	b	9.8	
Eng. N.E.	{ Harrogate ... ..	-	67	46	b. bc	bc-b	8.4		{ Bexhill-on-Sea ... ..	-	70	55	b	b	9.3	
	{ Skegness ... ..	-	70	47	m. o. c	bc-b	4.7		{ Eastbourne ... ..	-	69	55	b	bz	11.9	
Eng. N.W.	{ Morecambe ... ..	-	64	44	b. bc	c	3.4		{ Seaford ... ..	-	73	54	b	b	11.5	
	{ Blackpool ... ..	-	60	49	o. c	o	2.4		{ Brighton ... ..	-	74	56	b	b	11.2	
	{ Southport ... ..	-	62	55	o. bc-o	o	1.9		{ Worthing ... ..	-	73	55	b	b	11.3	
Midlands.	{ Buxton ... ..	-	67	48	b	b	10.3		England, S.W.	{ Littlehampton ... ..	-	71	55	b	b	10.4
	{ Leamington Spa ... ..	-	70	47	o. bc	b. o	6.8	{ Bognor ... ..		-	73	55	b	b	10.4	
	{ Malvern ... ..	-	67	54	bc	bc-b	5.5	{ Southsea ... ..		-	73	57	b	b	10.5	
	{ Ross-on-Wye ... ..	-	68	46	bwz	bc-b	8.0	{ Bournemouth ... ..		-	74	52	b	bz	10.7	
Wales.	{ Rhyl ... ..	-	62	51	bc-c	bc-o	2.5	England, S.W.		{ Weymouth... ..	-	75	56	bz	b. bz	11.0
	{ Colwyn Bay ... ..	-	62	54	c	bc-o	1.2			{ Torquay ... ..	-	73	56	b	b	11.0
	{ Llandudno ... ..	-								{ Paignton ... ..	-					
	{ Aberystwyth ... ..	-	64	50	o. c-o	c. b. o	3.0			{ Falmouth ... ..	-	73	57	bz	bz	10.7
	{ Tenby ... ..	-	75	?	b	b	11.5			{ Penzance ... ..	-	70	58	b	b	11.4
England, E.	{ Cromer ... ..	-	64	55	bm	bm	10.6			{ Newquay ... ..	-	65	58	bz	bz	10.3
	{ Lowestoft ... ..	-	68	55	bz	bz	11.0		{ Ilfracombe ... ..	-	68	58	b	b	11.3	
	{ Felixstowe ... ..	-	69	52	bm	bm	11.3		{ Weston-super-Mare ... ..	-	70	52	b	bz	11.5	
	{ Walton-on-Naze ... ..	0.3	69	52	w. bz b	b. bz	10.7									
	{ Southend-on-Sea ... ..	-	71	57	b	b	11.0									

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obsy.) ...	58	82	7.7	73	50	40	-	b	bcz	bcz m
City (Bunhill Row) ...	*	*	7.3	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	61	64	6.4	73	53	50	-	bcw	bcw	b
Camden Sq. (Brit. Rainfall)	61	79	7.2	75	51	51	-	b	bbc.c	*
Hampstead (Reservoir) ...	*	83	10.4	70	52	40	-	bc	bc	bc
Richmond Park ...	*	*	7.3	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	55	76	6.7	Total. 1201 Joules			Average Rate. 24.1 Milliwatts.		Max. Rate. 51 Milliwatts.	

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

28th & 29th August, 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.37	11.54	6.49
Greenwich ...	4.37	12.1	6.53
Wick ...	5.4	12.13	7.32
Valencia ...	5.47	12.42	7.38

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded;  
c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail;  
l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder;  
u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on GRASS.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. §	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	-	65	56	52	b, a, c	b, c	c, o	*
Darwen to 9 p.m.	-	66	50	45	bcw	b, c	bc, o	4.3
Manchester "	-	67	48	*	bbc, c, w	c, a, c	c, bc, z	8.5
Birmingham "	-	68	51	41	*	c, c	bc, b	4.5
Oxford to 8 p.m.	*							
Teignmouth to 9,,	-	72	57	54	b	b	b	10.8
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	-	73	56	47	bz	bz	c, z	*

## NOTES ON YESTERDAY'S WEATHER.

Maximum temperature readings of 70° and above were again common in many parts of the United Kingdom. Rain fell in various parts of Scotland and in the north of Ireland, but generally the weather was fair to very bright.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 241.

Sunday,  
29th August, 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M. G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
Lerwick ...	1008.9	47	NNW	4	c	1008.4	-2	47	0	NW	4	NW	bc	4	2	50	44	c	c	bc	Hours.
Deerness ...	1010.8	46	E	4	c	1010.5	-2	47	-2	NW	3	NW	c	2	3	57	46	c.o	op.c	op.c	2.8
Stornoway ...	1013.8	51	N	4	c	1015.1	-1	48	-2	N	4	-	cq	4	3	54	46	op	op	cq	3.4
Castlebay (Barra Isd.)	1013.5	52	N	3	bc	1016.2	+1	51	-4	N	3	-	op	3	1	56	45	op	op	bc op	2.8
Glasgow ...	1010.4	49	ESE	4	odg	1014.4	+2	42	-15	WNW	1	-	b	5	5	63	29	o	op	or. bc	0.4
Eskdalemuir ...	1010.1	49	NE	4	odg	1013.1	+2	44	-10	NNE	3	N	br	5	5	61	30	bc. odg	m. od	od. c.b	0.0
Malin Head ...	1012.1	53	N	4	om	1015.7	+2	52	-6	NNE	5	N	bc	5	1	59	50	odg	odg	bc	0.0
Blacksod Point ...	1013.6	58	WNW	3	fe	1017.2	+4	51	-7	NNE	4	NE	bl	4	3	61	49	om	om	od. or	0.0
Valencia ...	1015.4	61	NW	1	o	1016.2	+5	52	-6	NE	3	N	bc	4	1	63	52	c	odg	m. o.c	0.0
Roche's Point ...	1015.3	63	SW	2	o	1014.9	0	52	-7	N	4	N	c	3	0.3	63	52	c.o	o	op.c	0.0
Birr Castle ...	1013.1	62	W	1	o	1016.2	0	46	-10	NW	2	-	b	4	4	64	45	o	o	op.b	0.0
Donaghadee ...	1009.8	58	NNE	1	omg. p	1013.7	+4	51	-5	NNE	5	N	bc	3	2	63	49	odg	omg. p	omg. p	0.0
Liverpool (Bidston)	1010.7	59	W	3	c	1010.1	+2	48	-9	NE	3	-	r	3	8	61	48	bc	od	or	1.4
Holyhead ...	1011.4	59	WSW	4	om	1011.0	+2	54	-4	NNE	7	NE	op	7	4	61	51	o. om	op.o	op.d. op	0.3
Pembroke (St. Ann's)	1015.9	57	N	2	c	1010.3	+1	54	-2	N	4	-	omg. p	3	1	62	54	c	bc	c	1.7
BRITISH ISLANDS.																					
Scilly (St. Mary's)	1013.9	61	NNE	1	c	1011.4	0	60	+1	WNW	4	W	om	4	1	66	57	bc	bc	c.o	10.3
Falmouth ...	1012.7	60	NW	2	c	1010.4	0	61	+3	NW	2	-	o	2	1	73	55	b	b. bc	om	10.1
Jersey (St. Aubin)	1011.3	63	NW	3	odg	1010.2	0	60	-2	WNW	3	-	o	3	Trace	67	55	c. op. om	o. c. odg	odg. o	0.2
Portland Bill ...	1010.7	63	NW	4	bc	1008.9	0	60	+1	NW	3	-	c	3	1	69	57	b. bc	bc	b. bc	0.0
Dungeness ...	1010.1	64	ESE	1	odg	1007.1	-1	58	+2	NNW	2	N	c	1	1	69	55	bc	bc	bc. bc	0.0
Dover ...	1016.0	61	SE	1	o	1006.7	-1	58	-3	NW	3	NW	bc	2	1	71	50	b	b. bc. o	o. bc	18.2
Wick ...	1011.5	49	NNW	3	c	1011.7	-2	47	-9	WNW	2	NW	o	2	1	56	42	odg. o	omg. p	c. op	0.0
Nairn ...	1012.1	50	-	0	odg	1013.4	0	47	-7	WNW	1	-	bc	2	1	54	44	d. c	d. o	op	0.0
Aberdeen ...	1012.3	46	NNW	2	r	1012.1	+1	48	-6	NW	3	-	bc	2	1	55	42	od. o	or	r. c. bc	0.0
Leith ...	1010.8	49	ESE	2	o	1013.3	+2	45	-14	WSW	2	W	bc	2	9	56	42	o	odg. o	r	0.0
Tynemouth ...	1009.1	55	N	4	omg. p	1010.7	0	51	-7	N	5	N	bc	5	7	64	48	om	om	omg. r	0.0
Spurn Head ...	1010.1	62	S	3	c	1006.5	-4	53	-6	ENE	6	N	or	5	2	66	52	bc	bc	bc	0.0
Yarmouth ...	1009.8	61	SE	2	bc	1006.2	-2	56	+1	NW	2	-	om	1	1	65	52	odg. bc	bc	bc. om	6.7
Clacton-on-Sea ...	1009.5	65	S	1	bc	1006.3	0	57	-2	WNW	1	-	o	1	1	70	52	bc	bc. m	bc. om	9.3
Nottingham ...	1009.9	62	WNW	3	b	1008.4	0	51	-5	NE	4	NE	r	0	3	69	50	om	om	bc. o	10.2
Bath ...	1010.8	64	W	1	b	1009.1	0	60	+10	W	1	-	o	0	1	69	50	m. bc. b.	bc. b.	b. bc. o	7.7
St. Farnborough ...	1009.5	66	NNE	1	b	1007.0	-1	58	+7	WNW	1	NW	o	0	1	72	49	m. by	by	c. o	6.3
London (Kew Obsy.)	1009.6	67	N	1	bc	1007.0	-1	58	+3	SW	2	-	om	2	1	69	53	bm. bc	bc	bc. c. om	8.5
NORTH EUROPE.																					
Spitsbergen ...	1008.8	46	E	8	o	1009.9	0	44	-5	SSE	2	0	o	0	0	108	41				
Vardö ...	989.5	48	E	1	b	985.1	-2	46	-4	N	6	-	r	4	0	52	43				
Bodö ...	989.1	48	N	10	bc	994.6	+5	45	0	SW	2	-	r	2	2	48	43				
Christiansund ...	999.7	46	WSW	4	r	999.8	0	45	-1	SW	4	-	r	4	18	46	45				
Skudesnaes ...	1005.7	50	NNW	4	b	1004.3	0	50	-2	-	0	-	b	2	1	54	43				
Færder (Xania Fjord)	1000.0	59	NW	2	c	1001.7	0	52	-7	N	2	SW	c	2	1	64	50				
The Scaw (Skagen)	1002.1	57	W	5	bc	1002.0	0	54	-7	W	2	-	o	3	1	64	52				
Blaavands Huk ...	1007.1	61	W	2	o	1005.3	0	50	-11	ENE	1	-	r	2	1	63	48				
Haparanda ...	977.0	46	WSW	6	bc	990.3	+9	48	-2	W	6	-	c	0	8	52	39				
Hernösand ...	991.3	55	S	8	b	999.1	+3	50	-4	WNW	2	-	o	0	Trace	59	41				
Stockholm ...	996.6	59	WSW	2	o	1000.0	+1	57	-4	SE	2	-	b	0	1	64	50				
Wisby ...	1001.7	63	SW	8	c	1002.6	0	59	-2	WSW	6	W	b	4	1	64	55				
Karlstad ...	997.7	59	W	2	b	1001.6	+1	50	-11	-	0	-	b	0	Trace	68	48				
Petrograd (G.M.T.)	1000.8	61	SW	5	o	1001.9	+2	59	+7	SSW	4	W	b	0	1	66	52				
FRANCE, &c.																					
The Helder ...	1008.7	63	W	1	b	1004.3	-2	61	0	SSW	1	-	c	1	1	66	59				
C. Gris Nez ...	1009.3	63	NE	2	c	1007.3	0	60	-2	NNW	3	0	c	2	1	70	57				
La Hève ...	1009.0	63	N	3	m	1008.3	0	60	-3	NW	3	0	bc	3	1	73	57				
Ushant ...	1013.2	59	NE	4	o	1013.3	0	69	+1	NW	3	0	o	3	1	63	54				
Brest (St. Mathieu)	1012.2	63	NNW	1	o	1013.6	0	59	-2	NW	2	0	o	2	4	763	57				
Roche fort (Ile d'Aix)																					
Biarritz ...	1024.4	70	NW	3	o	1013.2	+2	68	+2	WSW	3	0	bc	3	1	77	66				
Paris ...	1008.8	64	ESE	1	odg	1009.0	+2	61	0	SW	1	-	o	0	11	81	59				
Belfort ...	1011.0	72	W	2	c	1012.6	0	52	-11	WSW	3	0	o	0	1	84	63				
Lyons ...	1010.0	79	S	1	b	1012.4	0	64	0	S	1	0	o	0	1	86	63				
Nice ...	1013.7	71	-	0	b	1012.7	+1	69	-1	SW	1	0	b	0	1	84	61				
Perpignan ...	1011.7	72	E	1	o	1013.1	+1	72	+2	-	0	SW	o	0	1	79	66				
Sanguinaire ...																					
SOUTHERN EUROPE.																					
Corunna (7 a.m.)	1013.6	68	WNW	3	b	1016.7	+2	63	0	NNW	2	-	f	3	1	70	61				
Madrid (8 a.m.)																					
Lisbon (9 a.m.)	1012.4	73	WNW	4	b	1014.1	+1	66	0	N	2	SW	c	2	1	79	64				
Gibraltar ...																					
Rome ...																					
Malta (8 a.m.)						1015.9	-2	75	0	SSE	2	-	c	1	1	82	72				
Azores (Horta, 8 a.m.)	1014.3		NE	5	o	1015.4	+1	68	0	NE	6	0	c	4	1	75	68				
Madeira (Funchal)	1013.9	72	S	1	c	1014.1	+1	65	+2	S	1	N	c	1	1	75	66				

## GALES.

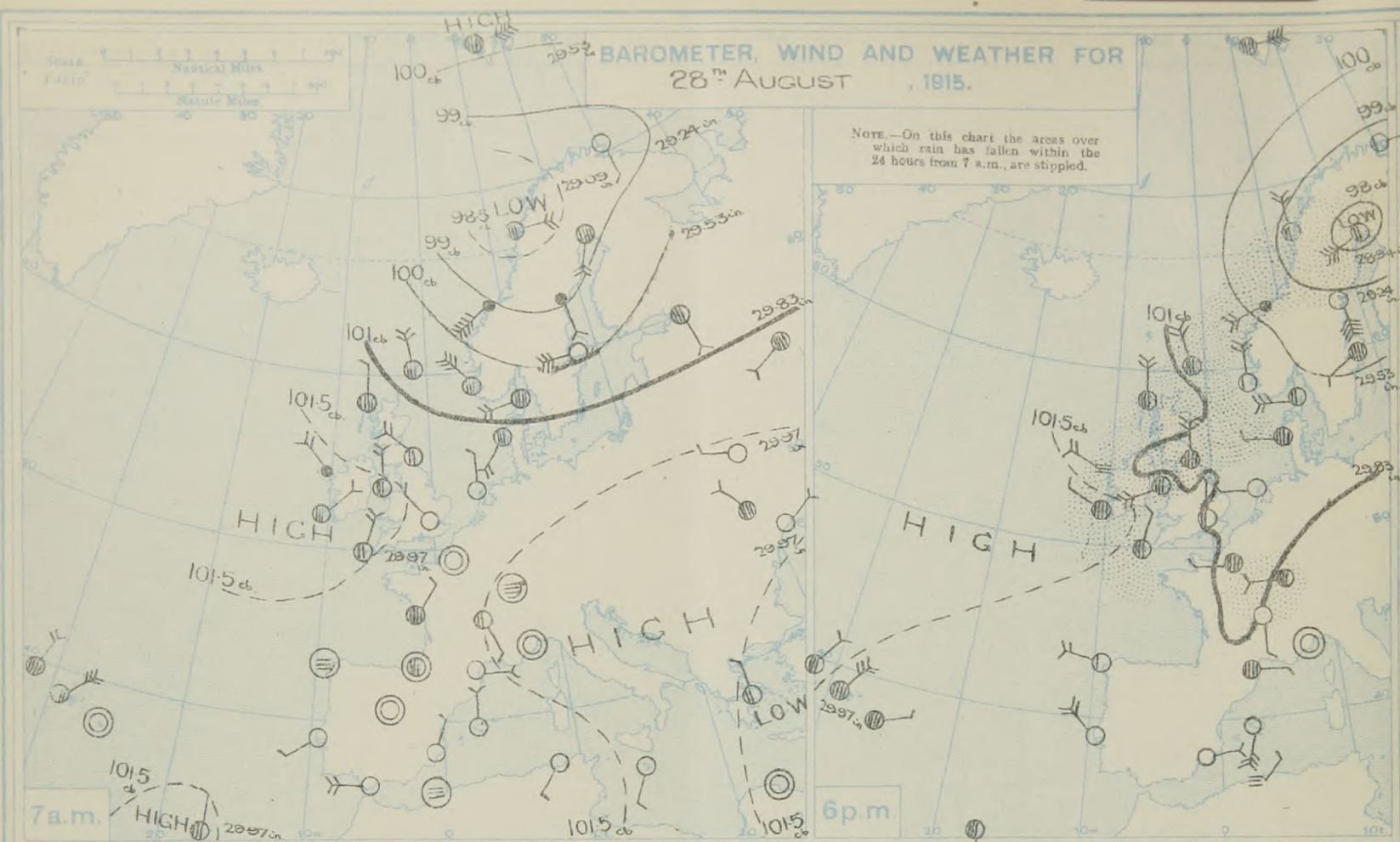
Duration and Extreme Force  
in British Islands.Holyhead  
29th 6 a.m. NE 8 gust 18 mps.

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.





### FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

No Warnings Issued.

Western Channel and Bay 11

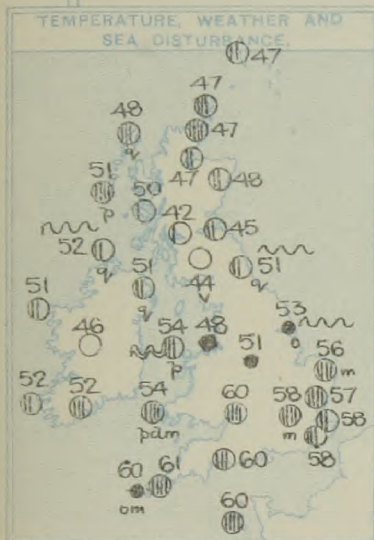
- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | Wind between North and North-West, light or moderate generally; some showers, considerable fair intervals; cool.   |
| 1  | b |   |  |
| 2  | a | } | Wind mainly between North-West and North, light or moderate, fresh at times locally; variable weather, mostly cloudy or overcast, some rain, mist locally; cooler. |
| 3  | b |   |  |
| 4  | a | } | Same as Nos. 0 to 2a.  |
| 5  | b |   |  |
| 6  | a | } | Wind Northerly fresh or moderate; some showers, fair intervals; cool.  |
| 7  | b |   |  |
| 8  | a | } | Wind North-Westerly or Northerly, light to fresh; changeable, some rain; cooler.   |
| 9  | b |   |  |
| 10 | a | } | Wind mainly Northerly, light or moderate, fresh locally; changeable, some showers, cooler.   |
| 11 | b |   |  |
|    | a | } | Wind mainly North-Westerly, light or moderate; sea moderate or slight; some showers and mist.  |
|    | b |   |  |

#### FURTHER OUTLOOK.



GENERAL INFERENCE.

It appears probable that the rise of the barometer in Ireland will extend gradually over the whole kingdom.



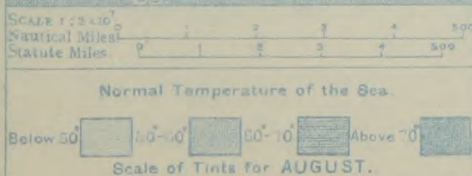
EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 clear sky. sky 1/4 clouded. sky 1/2 clouded. overcast sky. rain falling. snow. hail. fog. mist. thunder. thunderstorm.  
**SEA DISTURBANCE.**—Rough High

H I G H

Barometer falling  
 Bar. rising  
 Slightly

LOW





## DAILY WEATHER REPORT.

Sunday 29<sup>th</sup> August 1915.REPORTS  
FOR  
YESTERDAY.28<sup>th</sup> August

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.												
	Barom. Milli- bars at M.S.L.	TEMP.  ° F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.			
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.  ° F.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	
Petrograd	1004.2	57	WNW	2	b	1006.1	0	52	-5	SSE	2	NW	c	0	1	64	48	
Malta	*	*	*	*	*	1016.6	0	75	+2	SSW	1	-	b	0	-	79	70	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells ...		74	46	bz. b	bc. o	6.8
Oban ...	3	59	54	c	or	0.0	Margate ...		69	59	b	bc	10.7
Banff ...	1	61	48	cb	a	0.2	Ramsgate ...		68	55	bc	bc	10.1
Carnoustie ...	6	57	53	p	r	0.4	Hastings ...		71	56	b	b. bc. o	10.0
St. Andrews ...				*	*		Bexhill-on-Sea ...		69	56	b	c	9.7
Eng. N.E.							Eastbourne ...		70	54	b	b. oz	9.5
Harrogate ...	-	66	48	b	b. bc	11.8	Seaford ...		72	52	b	b. bc	9.6
Skegness ...	-	69	52	b	bc. o	9.7	Brighton ...		72	55	b	bc. b. bc	10.1
Eng. N.W.							Worthing ...		73	54	b	b	10.3
Morecambe ...		61	56	o	od	0.0	Littlehampton ...		71	55	o. bc	b	10.0
Blackpool ...		60	56	b. o	o	1.9	Bognor ...		71	54	b	b	10.1
Southport ...							Southsea ...						
Midlands.							Bournemouth ...		73	50	b	b	11.7
Buxton ...		63	50	bc	bc	6.3	Weymouth ...		73	54	bz	bz	9.8
Leamington Spa ...		65	54	bc	bc	2.5	Torquay ...		69	52	b. bc	bc. b	9.9
Malvern ...							Paignton ...		71	54	bc	b	9.8
Ross-on-Wye ...		69	49	bc. c	cz	2.5	Falmouth ...		69	57	b	bc. c	10.9
Wales.							Penzance ...		63	56	bv	bv. o	10.2
Rhyl ...		63	53	o	bc. o	1.2	Newquay ...		63	64	bc	bc. c	5.5
Colwyn Bay ...							Ilfracombe ...						
Llandudno ...		61	50	o. c. o	c. c. o	0.5	Weston-super-Mare ...						
Aberystwyth ...		66	52	bc	bc. c. o	3.6							
Tenby ...													
England.													
Cromer ...		66	54	bc. bm	bm	8.6							
Lowestoft ...													
Felixstowe ...		72	52	bm	bc. m	9.0							
Walton-on-Naze ...		69	53	bc. z	bc. z	8.7							
Southend-on-Sea ...		76	54	z. b	b. bc. z	8.5							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 64	% 78	Hr. 5.8	* F. 72	* F. 54	* F. 43	mm.‡ —	bz	bcz	cz
City (Bunhill Row) ...	* *	* *	7.5	* *	* *	* *	* *	* *	* *	* *
Westminster (St. James's Pk.)	65	84	6.3	72	55	54	—	bc. o	bc	bc
Camden Sq. (Brit. Rainfall)	61	83	9.4	73	59	52	Trace	b	b. bc	*
Hampstead (Reservoir) ...	* *	88	9.9	69	52	39	0.3	bc	cb. o	o
Richmond Park ...	* *	* *	7.9	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	58	76	8.4	Total. 1274 Joules		Average Rate. 25.6 Milliwatts.		Max. Rate. 4.9 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.
		In Screen.		Night Min. on Grass.	Night.	Fore-noon.	After-noon.	
		Max.	Min.					
	mm. §	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	-	65	55	51	bc. o	o. c	o. c	
Darwen to 9 p.m.	0.3	59	49	46	bcw. o	o. u	o. u. d	0.5
Manchester	-	61	57	*	bc. o	o	om	1.8
Birmingham "	-	64	54	50		o. c	c. o	0.9
Oxford to 8 p.m.	*	70	49	43	bm. w	c. b	bc. c	
Teignmouth to 9,,	-	70	53	52	b	b. bc	bc	10.6
Plymouth	-	68	54	-	bv	b. c	c. bv	11.0
S. Kensington (Museum Grounds to 6 p.m.)	-	68	55	48	b. bz	b. cz	b. cz	

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

29 <sup>th</sup> August 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.59	11.54	6.47
Greenwich ...	5.10	12.11	6.53
Wick ...	5.7	12.13	7.13
Valencia ...	5.49	12.42	7.36

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 76° at Southend-on-Sea and to above 70° in several parts of the kingdom. Much bright sunshine was recorded at nearly all the English stations, but little in Ireland and Scotland. Rain set in later in the day in the north.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.

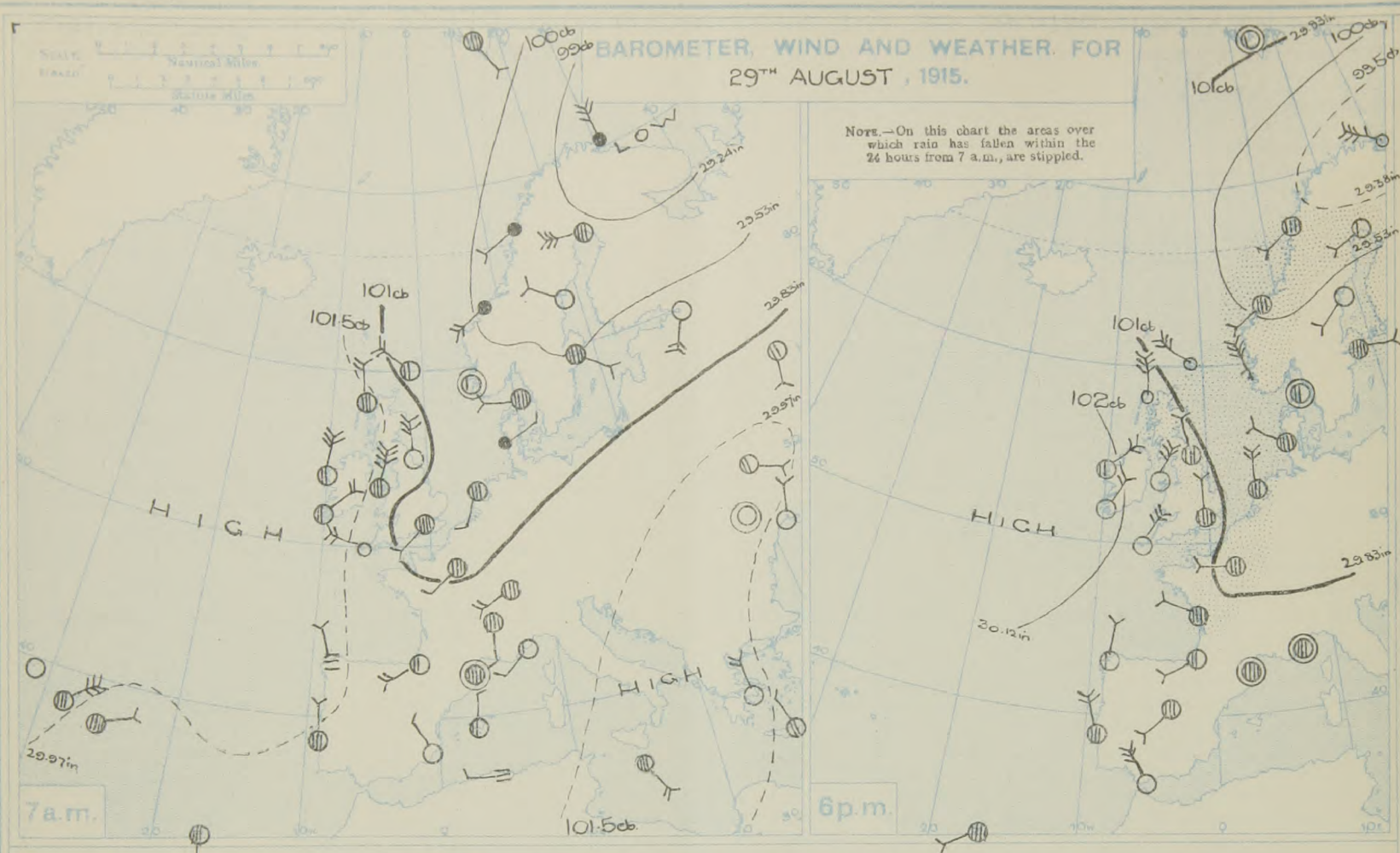


## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No.242

Monday,  
30th August, 1915.

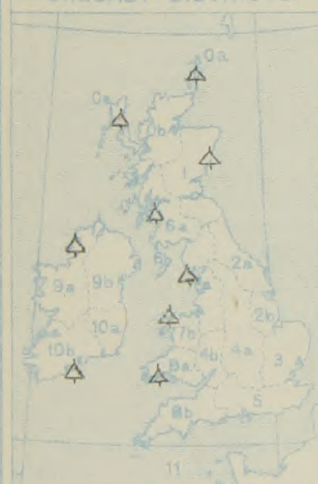
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sea- state for Tide- gauge.
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 24 hours.		TEMP. °F.	WIND.		Dir. of Upper Cloud.	Weather.	Sea 4-9.	Rain- fall, Milli- metres.	TEMP.		WEATHER.			
			Dir.	Force 0-12.			Bar.	°F.		Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																					
Lerwick	1006.0	47	NW	5	over	1005.7	+1	48	+1	NW	3	N	bc	3	4	49	44	o	over	cp. bc	House.
Deerness	1005.8	48	WNW	5	em	1005.8	0	49	+2	NW	5	NW	cp	4	6	52	45	c. sp	p. sm	sp. cp	2.7
Stornoway	1015.2	47	N	6	cp	1015.3	+1	48	0	NW	5	N	cp	5	15	55	47	cp	cp	o. cp	3.0
Castlebay (Barra Isd.)	1017.5	55	WNW	3	c	1017.2	0	53	+2	NW	4	-	o	4	4	57	49	op. bc	bc. c. c	op. bc. c	6.7
Glasgow	1014.6	55	NW	2	bc	1014.0	0	56	+8	W	4	-	bc	4	-	59	41	b. bc. c	bc. cp. c	bc. b. o. d	8.9
Eskdalemuir	1014.0	52	WNW	4	odg	1013.7	0	49	+5	NW	5	NW	bc	4	0.3	56	49	b. bc. c	bc. cp. c	bc. b. o. d	8.5
Malin Head	1018.5	58	NNE	5	bcg	1017.5	0	54	+2	NW	6	N	bcmg	6	4	55	50	bcg	bcg	emgr	8.2
Blacksod Point	1020.9	54	NE	4	bcmg	1020.1	0	53	+2	NW	3	NW	bc	3	1	58	49	bcg	bcg	bc	8.2
Valencia	1020.0	58	NNE	3	b	1020.6	+2	52	0	-	0	-	b	3	-	61	50	bc	bc	b	12.5
Roche's Point	1019.6	60	NNE	2	bc	1020.0	0	51	-1	NW	2	-	b	1	-	63	48	c. bc	bc	bc. b	0
Birr Castle	1019.6	54	NW	2	c	1022.7	0	45	-1	NW	1	-	c	0	-	61	43	c	c	c	10.5
Donaghadee	1016.1	55	NW	5	bcmg	1015.6	+2	50	-1	NW	5	NW	bcmg	4	0.1	56	49	bcg	bcg	bcmg. p	0
Liverpool (Bldston)	1015.4	54	NW	3	bc	1015.9	0	53	+5	WNW	5	NW	bc	4	2	58	48	ogr	bc	bcg	3.9
Holyhead	1016.5	56	NNE	5	b	1018.5	0	54	0	WNW	6	NW	bcg	6	-	59	52	c	c. bc. b	c. bc	10.0
Pembroke (St. Ann's)	1016.8	52	N	4	b	1021.2	+2	53	-1	NW	4	N	bc	3	1	58	48	ondp	cp	b	4.8
SCILLY ISLANDS.																					
Scilly (St. Mary's)	1016.3	56	NNE	5	bc	1021.1	+2	56	-4	NNE	3	N	bc	4	1	64	51	ond	c. bc	b. bc	2.5
Falmouth	1014.7	56	N	5	cp	1023.0	+3	48	-13	-	0	N	b	2	3	61	45	or. c. b. c	or. bcg	c. b. p. b	2.4
Jersey (St. Aubin)	1011.9	62	W	3	o	1014.2	0	57	-3	NW	3	-	b	3	5	65	53	o. c. o	or. o	o. b	3.0
Portland Bill	1012.9	55	NNE	4	c	1015.7	+3	54	-6	NW	3	-	b	2	0.1	63	48	cp	c	c. bc	0
Dungeness	1010.6	56	N	4	c	1016.0	+3	48	-10	NW	3	-	b	2	11	68	42	bc. or	or. bc	bc. bc	0
Dover	1010.1	53	N	4	c	1015.5	+2	50	-8	NW	4	-	b	3	8	66	46	c. or	o. c. c	c. bc. b	0.0
WICK.																					
Wick	1010.8	50	NW	3	o	1010.3	+1	48	+1	NW	3	NW	c	4	4	53	44	o. cmp	emg. p. o	op. cp	0
Nairn	1013.5	51	NW	2	o	1013.1	0	49	+2	NW	4	-	cp	3	3	56	46	op. bc. c	cp. bcg	op. c	2.8
Aberdeen	1012.3	51	NW	4	o	1011.3	+1	48	0	WNW	5	-	bc	3	1	56	45	bc. cp	bc. cp	c. bc	8.4
Leith	1013.4	56	W	2	c	1013.2	+2	50	+5	W	3	SW	c	4	0.2	59	44	b	bcg	c	0
Tynemouth	1013.4	53	WNW	2	cp	1012.8	-2	47	-4	WNW	3	NW	em	4	1	57	43	bc	bcg	cp	0
Spurn Head	1012.4	55	N	5	bcg	1013.3	0	52	-1	NW	5	-	bcg	5	2	60	49	bc. or	bcg	bcg	5.2
YARMOUTH.																					
Yarmouth	1009.6	54	NE	4	bc	1013.2	+1	46	-10	NW	3	-	bcmg	2	4	58	44	em	em. bc	bcmg	0.0
Clacton-on-Sea	1011.0	54	N	3	c	1014.8	0	47	-10	WNW	3	-	bc	2	4	61	43	ogr	ogr. c	c. bcg	0.2
Nottingham	1013.3	55	N	2	b	1015.6	0	46	-5	W	2	-	bm	2	2	57	42	o. c. b.	o. c. b.	b	0.8
Bath	1015.8	55	W	1	b	1016.8	0	48	-12	W	1	-	b	1	1	64	43	c	bc. b	m. b	0.0
St. Farnborough	1012.2	53	NW	2	r	1017.1	+2	45	-	W	1	SW	bw	3	3	64	40	bc. or	r. or	o. bc. b	1.2
London (Kew Obs.)	1012.4	55	N	2	o	1017.0	+1	48	-10	WSW	2	-	bm	4	4	64	45	em. or. p.	or. c. c	c. bc. b	0.9
NORTHERN EUROPE.																					
Spitsbergen	1010.3	39	-	0	b	1011.9	0	36	+5	-	0	-	b	0	0	45	36	-	-	-	-
Vardö	990.7	46	NW	7	r	995.9	+3	46	0	WNW	6	-	o	5	0	45	43	-	-	-	-
Bodö	998.4	46	SW	2	o	999.1	0	46	+1	E	1	-	o	1	9	52	41	-	-	-	-
Christiansund	999.9	50	SW	2	c	1001.6	+1	48	+3	-	0	-	c	3	1	50	45	-	-	-	-
Skudesnaes	1003.1	48	WNW	5	r	1001.3	-1	52	+2	-	0	-	c	2	6	54	46	-	-	-	-
Færder (Klania Fjord)	1000.3	55	SW	2	b	1000.4	+1	52	0	N	4	-	b	1	-	57	50	-	-	-	-
The Scaw (Skagen)	1001.5	52	-	0	bc	1000.0	0	57	+3	WNW	2	-	b	2	-	66	46	-	-	-	-
Blaavands Huk	1004.3	54	NW	2	o	1004.3	0	55	+5	WNW	3	-	b	3	2	55	43	-	-	-	-
Haparanda	999.0	50	SW	2	b	1002.0	+1	46	-2	-	0	S	b	0	Trace	-	-	-	-	-	-
Hernösand	1001.9	52	SSW	2	b	1001.5	0	46	-4	-	0	-	f	0	-	57	41	-	-	-	-
Stockholm	1001.1	57	E	2	o	997.6	0	54	-3	N	2	-	o	0	Trace	62	50	-	-	-	-
Wisby	1000.6	57	WNW	2	o	997.3	-1	59	0	WNW	2	-	c	3	4	61	52	-	-	-	-
Karlstad	1000.3	53	SSW	2	bc	1000.4	0	45	-5	NE	4	-	bc	1	-	61	37	-	-	-	-
Petrograd (S.M.T.)	1007.3	55	N	4	c	1009.9	0	57	-4	NW	4	-	c	3	5	66	54	-	-	-	-
The Helder	1010.3	55	N	5	r	1015.4	+3	55	-5	NW	5	-	b	4	8	64	54	-	-	-	-
C. Gris Nez	1009.5	63	W	3	r	1017.5	0	59	-1	N	2	-	b	3	-	68	54	-	-	-	-
La Hève	1009.5	63	W	3	r	1017.5	0	59	-1	N	2	-	b	3	-	68	54	-	-	-	-
Ushant	1014.3	59	NNE	4	o	1020.7	0	56	+3	NNE	4	-	b	3	-	64	52	-	-	-	-
Brest (St. Mathieu)	1015.7	61	NW	4	o	1021.3	+3	52	-7	NE	3	-	b	2	-	66	52	-	-	-	-
Roche fort (Ile d'Aix)	1014.0	66	WNW	4	o	1017.1	+3	60	0	N	4	-	o	3	3	70	59	-	-	-	-
Biarritz	1015.3	71	WSW	2	bc	1017.3	0	66	-2	WNW	3	-	c	2	-	73	64	-	-	-	-
FRANCE, &c.																					
Paris	1009.7	64	W	2	b	1016.2	+5	54	-7	WNW	2	-	c	0	12	72	52	-	-	-	-
Belfort	1011.7	69	SSW	1	c	1014.7	0	64	0	S	1	-	b	0	2	82	60	-	-	-	-
Lyons	1011.3	68	-	0	c	1008.0	0	70	+1	NNE	1	-	b	0	-	81	63	-	-	-	-
Nice	1012.4	75	-	0	o	1015.4	+2	70	-2	NW	3	SW	c	0	-	84	64	-	-	-	-
Perpignan	1012.4	75	-	0	o	1015.4	+2	70	-2	NW	3	SW	c	0	-	84	64	-	-	-	-
Sanguinaire	1012.4	75	-	0	o	1015.4	+2	70	-2	NW	3	SW	c	0	-	84	64	-	-	-	-
SOUTHERN EUROPE.																					
Corunna (7 a.m.)	1017.5	68	NNE	5	b	1019.3	+2	63	0	NE	1	W	b	2	-	68	57	-	-	-	-
Madrid (8 a.m.)	1010.6	62	SW	2	c	1015.4	+2	68	0	-	0	-	bc	0	-	86	59	-	-	-	-
Lisbon (9 a.m.)	1014.9	75	WNW	4	c	1016.4	+1	68	+2	NW	2	-	b	2	-	81	66	-	-	-	-
Gibraltar	1014.2	71	NW	5	b	1014.5	0	70	0	NW	3	-	bc	2	-	82	63	-	-	-	-
Rome	1011.7	0	0	0	0	1011.7	0	81	+6	W	1	-	b								





**FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

North Cone hoisted yesterday at 7.10 pm in Districts 0, 1, 2, 6 to 10.

Western Channel and Bay 11

- |  |   |
|--|---|
| 0 }<br>1 }<br>2 }<br>3 }<br>4 }<br>5 }<br>6 }<br>7 }<br>8 }<br>9 }<br>10 } | <p>Northerly and North-Westerly winds, moderate or fresh; some showers, otherwise fair; cool.</p> <p>Wind mainly North-Westerly, moderate or fresh to light; mostly fair, some local showers; cool.</p> <p>Wind mainly North-Westerly, light or moderate; fair generally; cool.</p> <p>Same as Nos. 0 and 1.</p> <p>Same as Nos. 2 and 3.</p> <p>Northerly winds, light; fair or bright; cool.</p> <p>Same as Nos. 2 and 3.</p> <p>Same as No. 8.</p> <p>Northerly and North-Easterly winds, light; sea slight or smooth; fair or bright.</p> |
|--|---|

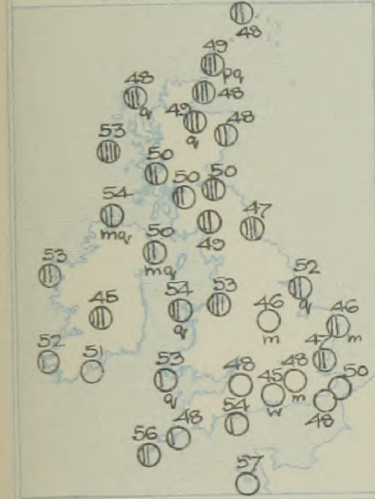
**FURTHER OUTLOOK.**



GENERAL INFERENCE.

Slight local irregularities in pressure off our eastern seaboard will cause showers in their neighbourhood.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



EXPLANATION.

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

WIND.—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers. Calm.

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

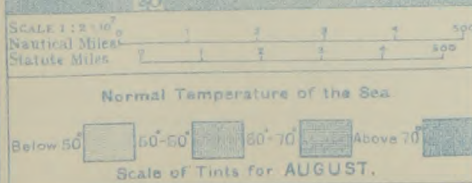
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ overcast sky. ○ rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

SEA DISTURBANCE.—Rough wavy. High wavy.

HIGH

Barometer rising generally

Barometer steady





# PILOT BALLOON ASCENTS for the PAST WEEK. Component Velocities to East and to North in Metres per Second.

Station Date & Hour.	Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.	
	St. Farnborough 23rd	St. Farnborough 7.20h.	St. Farnborough 23rd	St. Farnborough 11.50h.	St. Farnborough 24th	St. Farnborough 7.20h.	St. Farnborough 24th	St. Farnborough 11.50h.	St. Farnborough 25th	St. Farnborough 7.10h.	St. Farnborough 25th	St. Farnborough 11.50h.	St. Farnborough 26th	St. Farnborough 7.25h.	St. Farnborough 26th	St. Farnborough 11.25h.	St. Farnborough 27th	St. Farnborough 7.25h.	St. Farnborough 27th	St. Farnborough 11.25h.	St. Farnborough 28th	St. Farnborough 7.25h.	St. Farnborough 28th	St. Farnborough 11.25h.
Heights in Kilometres.	3																							
2																								
1.5	+3	+1	+3	+2			-1	-2	0	-1	-1	-1	-5	-3	-6	-3	0	-3	+2	-2				
1	+4	+2	+3	+1	-1	-3	-1	-3	-1	-2	-1	-1	-4	-4	-2	-2	-1	-4	0	-4				
0.5	-1	+1	+3	+2	-6	-3	+1	-2	-1	-2	+1	-6	-4	-4	-2	-2	-1	-4	0	-4				
0	+1	0	+3	0	0	-2	-2	-1	0	-1	0	-6	0	-1	-3	-1	+1	-2	0	-1				

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells ...	3	67	51	o.c. bc	op. c	1.3
Oban ...		59	38	b. bc	c. bc	5.5	Margate ...	4	65	59	o	or. o	0.1
Banff ...							Ramsgate ...	4	64	63	o	r	0.0
Carnoustie ...	5	58	38	bc. c	c. ep.	8.2	Hastings ...	7	66	54	o. bc	or	0.8
St. Andrews ...							Bexhill-on-Sea ...	7	65	54	e	c. or. o	1.2
England, N.E.							Eastbourne ...	4	66	55	o. bc	or	1.6
Harrogate ...	12	56	45	o. c. bc	b. bc	5.9	Seaford ...						
Skegness ...	5	53	51	r. c	c. bc. p	3.4	Brighton ...	5	68	57	c. bc. c	c. or. o. c	2.0
England, N.W.							Worthing ...	5	67	55	c. o	r. o	1.4
Morecambe ...							Littlehampton ...	3	64	56	o. bc	o	0.7
Blackpool ...	12	60	48	o. c	bc	6.2	Bognor ...	1	66	54	o	or. o	0.3
Southport ...	14	58	47	o. c	bc. c. bc	5.2	Southsea ...	3	66	56	o	or	0.7
Midlands.							Bournemouth ...	1	65	52	r. c	o. c	0.6
Buxton ...							Weymouth ...		65	53	o	p. c	0.0
Leamington Spa ...	7	56	52	or	o. c	0.0	Torquay ...		65	53	o	c. bc. c	2.3
Malvern ...	2	54	48	r. o	o. c	0.5	Paignton ...						
Ross-on-Wye ...	2	60	50	o	bc. m	0.0	Falmouth ...	3	61	56	or. c. b. o	o. c. bc. q	2.3
Wales.							Penzance ...						
Rhyl ...	11	59	48	r. o	bc	4.4	Newquay ...	3	59	55	or. p. o	b	4.6
Colwyn Bay ...	15	56	50	r. bc	bc	5.9	Ilfracombe ...	0.3	61	56	op. o. c	o. c	1.5
Llandudno ...							Weston-super-Mare ...	1	68	54	c. bc	bc. o	0.5
Aberystwyth ...	2	58	50	r. o. c	c. bc	4.5							
Tenby ...													
England, E.													
Cromer ...													
Lowestoft ...													
Felixstowe ...	3	61	52	c	cp	0.6							
Walton-on-Naze ...	3	59	52	og. or	or. c. bc	0.5							
Southend-on-Sea ...	3	62	53	or. r	r. o	0.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall. mm. §	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.	24 HOURS ENDED 9 A.M. TO-DAY.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	87	68	0.3	65	44	23	4	0.0	0.0	0.0
City (Bunhill Row) ...	*	*	0.1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	94		0.2	65	45	55	4	0.0	0.0	0.0
Camden Sq. (Brit. Rainfall)		68	0.2	63	44	44	3			*
Hampstead (Reservoir) ...	*	70	0.3	61	41	31	4	c. ep	bc	bc
Richmond Park ...	*	*	0.7							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)		63	0.2							
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.	Average Rate.		Max. Rate.			
				456 Joules	9.2 Milliwatts.		44 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	5	59	44	or. b	bc	*
Darwen to 9 p.m.						
Manchester "						
Birmingham "	8	54	47	r	r. o	0.1
Oxford to 8 p.m.						*
Teignmouth to 9,						
Plymouth "						
S. Kensington (Museum Grounds to 6 p.m.)	5	65	56	bc. o	or. or. o	*

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

30th & 31st August, 1915.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.0 5.2	11.54 11.53	6.47 6.44
Greenwich ...	5.40 5.12	12.1 12.0	6.51 6.48
Wick ...	5.9 5.11	12.13 12.12	7.16 7.13
Valencia ...	5.50 5.52	12.42 12.41	7.34 7.31

## NOTES ON YESTERDAY'S WEATHER.

Temperature fell quickly during day, and the maxima were below 60° in several localities. Rain fell in most places, the largest measurement being 15 mm. at Stornoway. Little bright sunshine was experienced except in Ireland and locally in Scotland.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 243

Tuesday,  
31st August, 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F.	TEMP. °F.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
Lerwick ...	1014.0	51	N	5	om	1016.8	0	47	-1	NW	2	-	om	2	0.3	54	46	bc, cp	cm	om	Hours.	
Deerness ...	1016.2	50	NW	5	og	1017.3	+	49	0	WNW	3	-	om	2	1	55	48	cp, o	og	om	2.4	
Stornoway ...	1019.8	51	N	4	o	1017.9	-2	49	+1	-	0	-	cy	0	0.3	52	47	c, og	od, cp	c, cy	0.6	
Castlebay (Barra Isd.)	1020.5	53	NNW	2	o	1016.7	-2	54	+1	SE	3	-	o	3	1	54	49	cp, c, o	o	o, bc, o	0.2	
Glasgow ...	1018.2	54	NW	3	bc	1020.2	0	40	-10	SE	1	NW	bc	*	-	61	39	bc, c	c, o, c	bc, bm, z	8.7	
Eskdalemuir ...	1017.6	53	NW	4	bc	1020.6	0	37	-12	-	0	SW	bc	*	-	56	33	bc, q	cg	bc, bm	5.8	
Malin Head ...	1021.6	55	N	4	bc, q	1018.0	-4	51	-3	S	3	SW	c	3	-	57	48	bc, cp	bc, q	c	5.5	
Blacksod Point ...	1023.9	56	W	3	bc, w	1015.3	-7	55	+2	S	5	S	om, q	3	3	59	51	bc, w	bc, w	om, om, r	9.4	
Valencia ...	1025.4	58	W	2	c	1020.6	-2	57	+5	SSW	2	SW	o	3	0.4	62	49	bc	bc	o, bc, o	9.4	
Roche's Point ...	1024.7	61	NNW	3	c	1023.0	*	55	+4	S	1	-	o	1	-	65	48	b, bc, c	bc, c	c, o	*	
Birr Castle ...	1024.4	59	W	2	c	1020.4	*	51	+6	SW	1	-	o	*	-	63	49	c	c	o	6.2	
Donaghadee ...	1020.7	54	NW	4	cg	1019.5	-1	47	-3	WSW	3	-	bc, m	2	0.1	58	46	om, cp	og	om, cp, m	*	
Liverpool (Bidston)	1018.4	55	W	5	o	1020.3	0	55	+2	WNW	2	W	og	2	-	58	53	bc, q	og	o	3.4	
Holyhead ...	1020.6	58	NW	3	cg	1021.0	-1	54	0	W	3	-	bm	2	-	61	52	bc	bc, c, o	o, c, bc, b	4.8	
Pembroke (St. Ann's)	1023.0	58	WNW	3	c	1023.2	0	56	+3	NW	2	NW	bc	1	-	66	51	bc, q	b	c	11.7	
Scilly (St. Mary's)	1024.5	59	NW	2	b	1023.3	-1	57	+1	WNW	2	W	c	3	-	63	52	bc, b	b	b, bc	12.7	
Falmouth ...	1023.8	58	NW	2	b	1023.3	0	55	+7	W	2	-	c	2	-	62	48	b	b	bc	12.4	
Jersey (St. Aubin)	1022.9	60	NW	3	b	1023.4	*	55	-2	NW	2	NW	b	2	-	62	48	b	b	bc	12.0	
Portland Bill ...	1021.2	60	NNW	4	bc	1022.3	0	60	+6	-	0	-	b	2	-	63	52	bc	bc	bc	*	
Dungeness ...	1018.7	60	NW	3	c	1020.6	+1	52	+4	WNW	3	NW	c	2	-	65	45	b, bc	bc, c	c, bc, c	*	
Dover ...	1018.3	56	NW	3	bc	1020.5	?	54	+4	NW	3	NW	b	2	-	62	47	b	b, bc, c	bc, c, bc	9.2	
Wick ...	1016.6	50	NW	3	o	1017.9	0	49	+1	WNW	1	-	o	2	1	53	47	cg, om, p	om, q	om	*	
Nairn ...	1018.3	52	NNW	2	cg	1018.7	*	49	0	-	0	-	og	1	0.4	56	46	og, p, r	og	cg	4.2	
Aberdeen ...	1016.4	51	NW	4	cp	1018.7	+1	49	+1	WNW	1	-	o	2	1	56	48	bc, cp	bc, cp	cp, o	8.3	
Leith ...	1016.7	58	NW	2	c	1019.4	+1	43	-7	W	1	-	bc, q	*	-	?	41	c	c	c, o, bc	*	
Tynemouth ...	1016.4	55	NNW	2	bc, p	1019.1	0	56	+9	WNW	3	-	bc, m	4	-	58	43	bc, m	bc	om	*	
Spurn Head ...	1016.8	56	N	3	cp	1018.5	+4	53	+1	N	5	-	bc, q	5	0.2	59	48	bc, q	cp	cp	7.1	
Yarmouth ...	1016.0	55	NW	2	bc	1018.5	+2	48	+2	NW	2	NW	bc, m	2	1	60	44	bc	c, bc, q	bc	6.6	
Clacton-on-Sea ...	1017.5	58	WNW	4	bc	1020.0	+1	50	+3	WNW	3	-	b	2	-	61	46	bc, c	c, bc	c, o, bc, b	9.6	
Nottingham ...	1017.8	55	WNW	3	o	1020.4	*	52	+6	WNW	1	W	om	*	0.1	59	46	bc, c	cp, o	op, c	3.0	
Bath ...	1020.5	61	WNW	2	c	1021.8	*	54	+6	W	1	-	b	*	-	65	47	b, bc	bc, c	c, bc, m, b	11.1	
St. Farnborough ...	1019.1	59	NW	3	bc	1021.0	0	53	+8	W	1	-	o	*	-	64	45	b, bc	bc	bc, c, o	9.8	
London (Kew Obsy.)	1019.3	60	NW	2	b	1021.2	0	54	+6	W	2	-	o	*	-	63	47	bc, m, bc	c, o, b	b, bc, om	9.0	
Spitsbergen ...	1016.0	34	N	2	b	1020.0	+2	32	-4	-	0	*	c	*	*	41	28					
Vardö ...	1001.5	46	NE	4	o	1009.1	+2	46	0	N	3	-	c	3	*	48	43					
Bodö ...	1006.0	45	E	1	bc	1007.0	+2	46	0	E	1	-	b	1	2	50	39					
Christiansund ...	1005.6	48	W	2	r	1008.3	0	46	-2	W	3	-	r	3	11	52	46					
Skudesnaes ...	1006.1	50	NW	4	b	1009.0	+1	52	0	N	6	-	b	2	-	54	48					
Færder (X'iania Fjord)	1003.4	57	W	2	b	1005.2	+2	55	+3	NNW	4	NW	bc	2	-	59	52					
The Scaw (Skagen)	1003.7	54	WNW	1	b	1005.0	+2	59	+2	-	0	-	b	1	-	64	45					
Blaavands Huk ...	1006.0	54	NW	2	c	1007.9	+2	55	0	NNW	3	-	r	4	2	57	50					
Haparanda ...														*								
Hernösand ...														*								
Stockholm ...														*								
Wisby ...														*								
Karlstad ...														*								
Petrograd (5 a.m. G.M.T.)														*								
The Helder ...	1013.2	55	NW	5	c	1015.1	+2	59	+2	NW	4	-	bc	4	4	59	54					
C. Gris Nez ...	1017.5	60	WNW	4	c	1020.4	+1	55	0	NW	4	*	c	4	-	61	54					
La Hève ...	1020.8	63	NW	2	b	1021.9	*	67	-2	NW	2	*	b	2	-	64	54					
Ushant ...	1023.7	60	NE	3	b	1025.3	*	54	-2	SW	1	*	b	2	-	68	48					
Brest (St. Mathieu)	1025.0	59	NNW	2	b	1024.2	0	54	+2	NE	2	*	b	1	-	66	52					
Rochefort (Ile d'Aix)	1020.0	66	NE	4	b	1022.9	+2	55	-5	E	3	*	b	*	-	75	52					
Biarritz ...														*								
Paris ...	1020.3	57	NNW	2	b	1022.3	+2	52	-2	SSW	1	-	b	*	-	64	43					
Belfort ...	1020.0	55	W	5	c	1023.5	*	46		W	2	*	m	*	-	64	41					
Lyons ...	1019.1	62	N	2	b	1022.4	*	51	-13	NNW	4	*	b	*	-	71	47					
Nice ...	1005.7	74	W	2	b	1012.8	+3	70	0	-	0	*	b	3	-	90	63					
Perpignan ...	1016.0	72	NW	2	o	1018.1	+2	68	-2	-	0	NW	b	*	Trace	81	63					
Sanguinaire ...														*								
Corunna (7 a.m.)	1019.3	68	NNE	5	b	1023.0	+2	64	+1	NE	3	-	b	2	-	70	61					
Madrid (8 a.m.)	1011.9	82	WSW	2	b	1018.0	+2	68	0	NE	1	-	b	*	-	88	61					
Lisbon (9 a.m.)	1017.7	72	NNW	5	b	1020.3	+1	66	-2	NW	1	NW	b	2	-	81	64					
Gibraltar ...	1017.6	74	W	5	bc	1018.6	*	69	-1	NW	4	*	b	1	-	85	68					
Rome ...														*								
Malta (8 a.m.)	*	*	*	*	*	1011.4	+1	77	-4	NNW	3	-	bc	2	-	86	73					
Azores (Horta, 8 a.m.)	1015.5	*	NE	7	c	1014.9	+2	69		NE	6	*	o	3	4	72	68					
Madeira (Funchal)	1018.1	73	SW	2	bc	1019.5	+2	68	-2	ESE	2	NE	bc	2	-	75	66					
South Farnborough Pilot Balloon Ascent at about 7 a.m. 500 metres NW by N 20 mph 1600 metres NW 22 mph.																						

RAINFALL. Equivalents of Millimetres. in Inches.			
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97

### South Farnborough

Pilot Balloon Ascent at about 7 a.m.

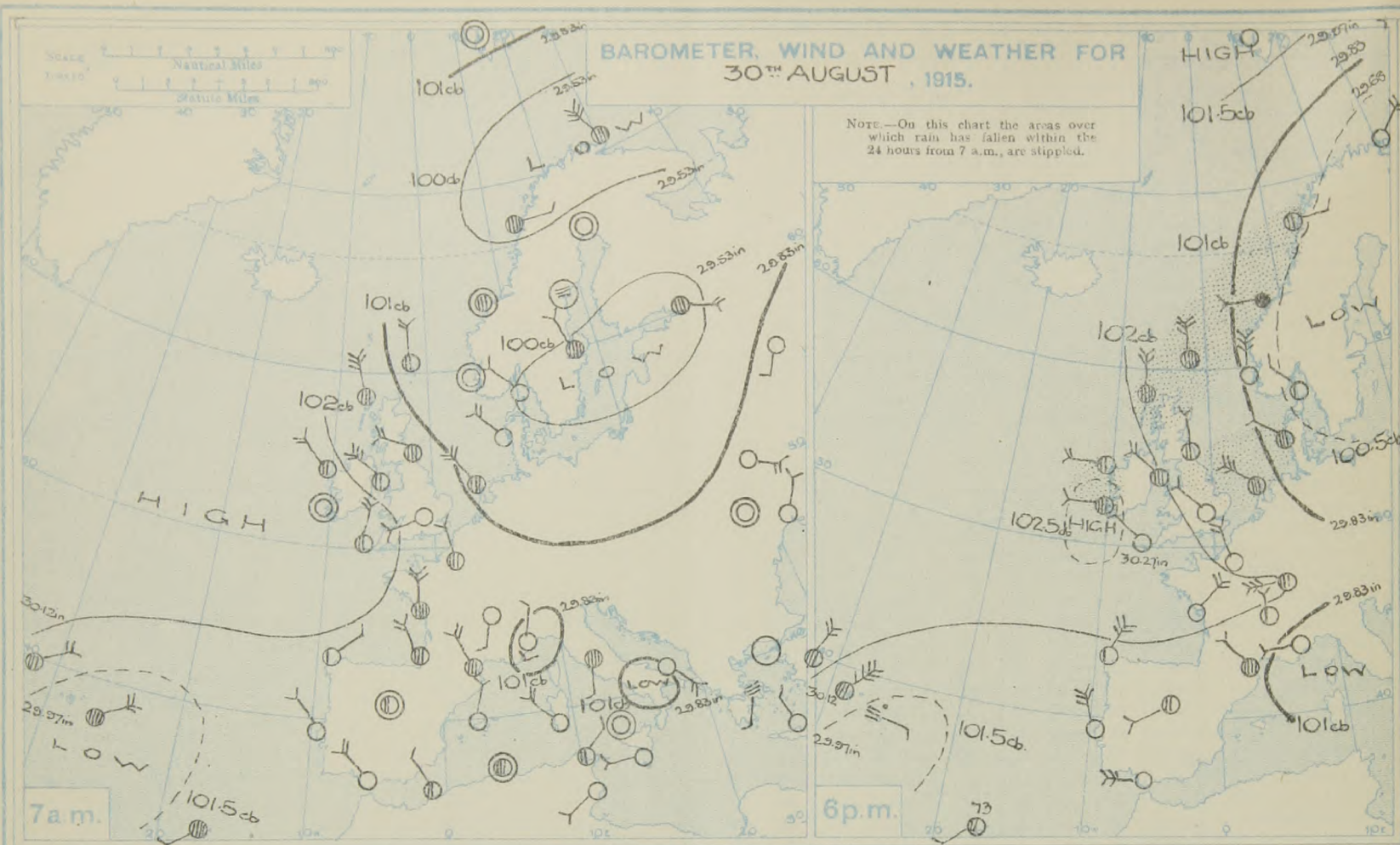
500 metres NW by N 20 mph.  
1600 metres NW 22 mph.

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

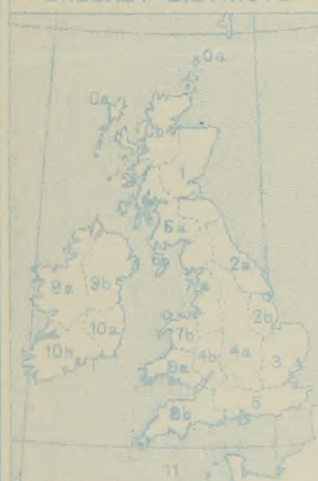
‡ The barometric change is expressed in half-millibars.





**FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

**No Warnings Issued.**

Western Channel and Bay 11

**FURTHER OUTLOOK.**

Wind backing to South-West or South, light to moderate or fresh; cloudy or overcast, some rain later; rather warmer.

Wind backing to West or South-West, light to moderate; mostly fair to-day, less settled to-morrow; moderate or rather low temperature.

Same as Nos. 0 to 2a.

South-Westerly and Southerly winds, light to moderate, fair, then some rain; moderate temperature.

Wind between West and South, light to fresh; much cloud, occasional rain, some mist; moderate temperature.

South-Westerly to Southerly winds, light to moderate or fresh; sea slight to moderate; cloudy, some mist.

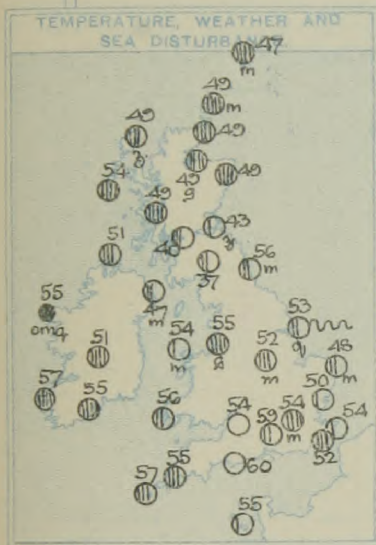


# SYNOPTIC CHART FOR 7 a.m., TUESDAY, 31<sup>ST</sup>

AUGUST, 1915.

## GENERAL INFERENCE.

The depression which has begun to encroach on our western districts will cause the wind to back very generally, while some showers or rain will be experienced in the north and west.



## EXPLANATION.

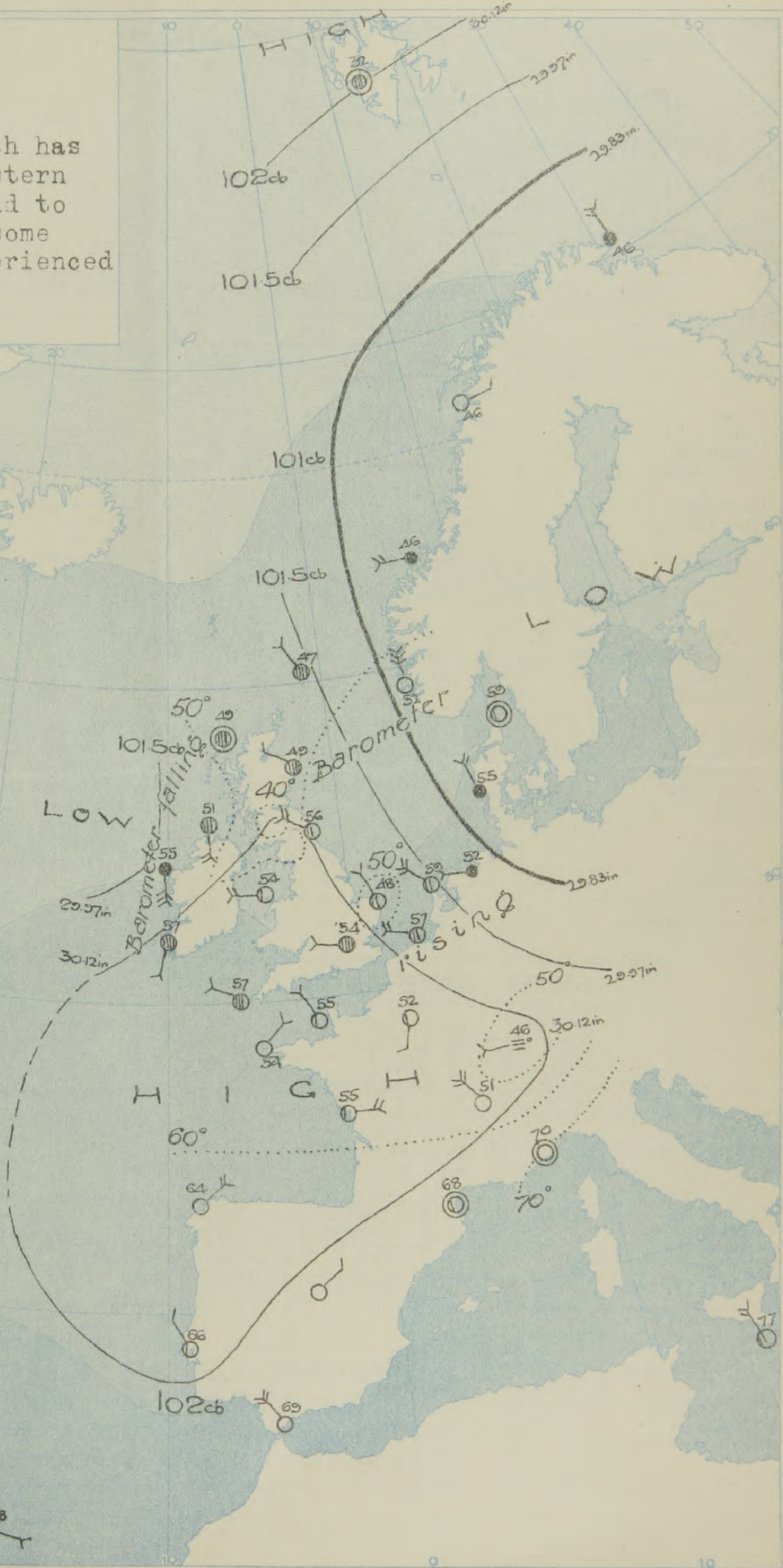
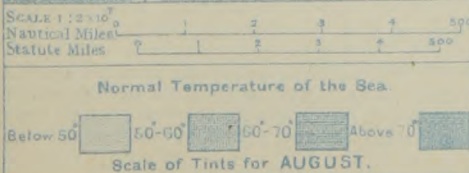
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm

**TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
○ sky 1/2 clouded. ○ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough wavy. High wavy.





## DAILY WEATHER REPORT.

Tuesday, 31st August, 1915.

REPORTS  
FOR  
YESTERDAY.

30th August.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall, Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
		° F.						° F.	° F.									
Petrograd ...	1005.3	63	S	2	o	999.7	-4	57		SE	4	W	C	*	3	66	57	
Rome ... ..	1013.1	73	SW	1	o	1011.8	o	72		S	1	-	O	*	-	84	68	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.			
	mm. & .	° F.	° F.			Hr.		mm. & .	° F.	° F.			Hr.		
Scotland.	{ Oban ... ..	1	58	37	bc	c	3.0	England, S.E.	{ Tunbridge Wells ... ..	-	63	39	ob.c.b	bc.b	8.6
	{ Banff ... ..	5	54	48	op.o	o	1.5		{ Margate ... ..	-	62	53	bc	bc	8.3
	{ Carnoustie ... ..	1	59	42	bcp	pc	8.3		{ Ramsgate ... ..	4	62	47	bc	bc	8.4
	{ St. Andrews ... ..	-	59	44	*	*	8.5		{ Hastings ... ..	-	62	45	b	b	12.0
Eng. N.E.	{ Harrogate ... ..	-	60	41	c.bc	bc.c	3.8		{ Bexhill-on-Sea ... ..	-	65	43	b	b	11.5
	{ Skegness ... ..	1	60	42	bc.c	op.c.o	6.6		{ Eastbourne ... ..	-	65	48	b	b.bc	11.3
Eng. N.W.	{ Morecambe ... ..	3	60	51	bc	bc.r.bc	4.1		{ Seaford ... ..	-	65	46	b	bc	10.9
	{ Blackpool ... ..	0.3	60	52	op.o.c	by	6.8		{ Brighton ... ..	-	65	46	b.bc	bc.c	11.8
	{ Southport ... ..	-	59	52	bcp	bc.c	4.7		{ Worthing ... ..	-	65	45	bc	bc	11.3
Midlands.	{ Buxton ... ..	1	54	43	bc.r	bc.r	3.3		{ Littlehampton ... ..	-	68	?	b	bc	10.4
	{ Leamington Spa ... ..	0.1	62	42	c.bc	bcp.c	6.2	{ Bognor ... ..	-	65	44	bc	bc	10.2	
	{ Malvern ... ..	0.1	61	46	b.bc.c	c.o	4.0	{ Southsea ... ..	-	65	46	b	b	11.0	
	{ Ross-on-Wye ... ..	-	66	40	b.w.bc	c.bc.c	9.2	{ Bournemouth ... ..	-	66	44	b	b	11.0	
Wales.	{ Rhyl ... ..	1	59	53	bc	bc.c	7.1	England, S.W.	{ Weymouth... ..	-	66	44	bc	bc	12.0
	{ Colwyn Bay ... ..	-	60	52	c.bc	bc.o	5.0		{ Torquay ... ..	-	64	45	b.bc	b	11.7
	{ Llandudno ... ..	-	64	49	c.bc	c	5.0		{ Paignton ... ..	-	65	46	bc	b	11.8
	{ Aberystwyth ... ..	-	61	47	o.c.o	c.b.o	5.6		{ Falmouth ... ..	1	62	46	b	b	11.7
	{ Tenby ... ..	-	63	45	bc	bc	11.5		{ Penzance ... ..	-	64	50	bc.b	b	12.0
England, E.	{ Cromer ... ..	10	59	47	g.bc.c	op.bc.o	6.5		{ Newquay ... ..	-	60	53	b	b	11.2
	{ Lowestoft ... ..	1	60	45	c.op	op.c	8.5		{ Ilfracombe ... ..	-	63	53	bc.b	b	11.1
	{ Felixstowe ... ..	1	61	44	bc.c	bcp	7.6		{ Weston-super-Mare ... ..	-	65	48	b.bc.b	b.bc	9.3
	{ Walton-on-Naze ... ..	-	61	43	bc	bc.u	9.6								
	{ Southend-on-Sea ... ..	-	63	48	b	b.bc.c	8.9								
† To sunset.															

† to sunset.

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Rova' Obey.) ...	% 53	% 71	Hr. 6.9	* F. 63	* F. 57	* F. 44	mm.‡ -	bc	bc 0	0 bc. 0
City (Bunhill Row) ...	* *	* *	9.1	* *	* *	* *	* *	* *	* *	* *
Westminster (St. James's Pk.)	56	74	9.6	64	48	47	-	bc. 0	bc	bc. 0
Camden Sq. (Brit. Rainfall)	52	74	9.4	65	50	46	-	b bc	c bc	*
Hampstead (Reservoir) ...	* *	83	10.4	63	47	37	-	bc	bc	0
Richmond Park	* *	* *								
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
S. Kensington (Roof of M.O.)	49	70	9.2	Total. 1330 Joules		Average Rate. 27.0 Milliwatts.		Max. Rate. 66 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. §	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	-	62	45	42	bc	c	c. b	*
Darwen to 9 p.m.								
Manchester "				*				
Birmingham "					*			
Oxford to 8 p.m.	*							*
Teignmouth to 9 "	-	64	46	45	c. bc. b	b. bc	bc. b	12.0
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	-	64	45	38	c. bc. b	b. bc. c	c. op. bc.	*

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

31st Aug. & 1st Sept. 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.2	11.53	6.44
Greenwich ...	5.5	11.53	6.41
Wick ...	5.12	12.0	6.48
Valencia ...	5.14	12.0	6.46
	5.11	12.12	7.13
	5.12	12.11	7.11
	5.52	12.41	7.31
	5.54	12.41	7.28

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 60° at several stations, and fell to 33° at Eskdalemuir at night. Slight showers fell in various localities, but generally the weather was fair to bright. In the south-west of England the sunshine was uninterrupted.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



15.

57

68

84

12.4

11.5

11.3

11.4

11.1

11.2

11.3

11.4

11.5

11.6

11.7

11.8

11.9

12.0

12.1

12.2

12.3

12.4

12.5

12.6

12.7

12.8

12.9

13.0

13.1

13.2

13.3

13.4

13.5

13.6

13.7

13.8

13.9

14.0

14.1

14.2

14.3

14.4

14.5

14.6

14.7

14.8

14.9

15.0

15.1

15.2

15.3

15.4

15.5

15.6

15.7

15.8

15.9

16.0

16.1

16.2

16.3

16.4

16.5

16.6

16.7

16.8

16.9

17.0

17.1

17.2

17.3

17.4

17.5

17.6

17.7

17.8

17.9

18.0

18.1

18.2

18.3

18.4

18.5

18.6

18.7

18.8

18.9

19.0

19.1

19.2

19.3

19.4

19.5

19.6

19.7

19.8

19.9

20.0

20.1

20.2

20.3

20.4

20.5

20.6

20.7

20.8

20.9

21.0

21.1

21.2

21.3

21.4

21.5

21.6

21.7

21.8

21.9

22.0

22.1

22.2

22.3

22.4

22.5

22.6

22.7

22.8

22.9

23.0

23.1

23.2

23.3

23.4

23.5

23.6

23.7

23.8

23.9

24.0

24.1

24.2

24.3

24.4

24.5

24.6

24.7

24.8

24.9

25.0

25.1

25.2

25.3

25.4

25.5

25.6

25.7

25.8

25.9

26.0

26.1

26.2

26.3

26.4

26.5

26.6

26.7

26.8

26.9

27.0

27.1

27.2

27.3

27.4

27.5

27.6

27.7

27.8

27.9

28.0

28.1

28.2

28.3

28.4

28.5

28.6

28.7

28.8

28.9

29.0

29.1

29.2

29.3

29.4

29.5

29.6

29.7

29.8

29.9

30.0

30.1

30.2

30.3

30.4

30.5

30.6

30.7

30.8

30.9

31.0

31.1

31.2

31.3

31.4

31.5

31.6

31.7

31.8

31.9

32.0

32.1

32.2

32.3

32.4

32.5

32.6

32.7

32.8

32.9

33.0

33.1

33.2

33.3

33.4

33.5

33.6

33.7

33.8

33.9

34.0

34.1

34.2

34.3

34.4

34.5

34.6

34.7

34.8

34.9

35.0

35.1

35.2

35.3

35.4

35.5

35.6

35.7

35.8

35.9

36.0

36.1

36.2

36.3

36.4

36.5

36.6

36.7

36.8

36.9

37.0

37.1

37.2

37.3

37.4

37.5

37.6

37.7

37.8

37.9

38.0

38.1

38.2

38.3

38.4

38.5

38.6

38.7

38.8

38.9

39.0

39.1

39.2

39.3

39.4

39.5

39.6

39.7

39.8

39.9

40.0

40.1

40.2

40.3

40.4

40.5

40.6

40.7

40.8

40.9

41.0

41.1

41.2

41.3

41.4

41.5

41.6

41.7

41.8

41.9

42.0

42.1

42.2

42.3

42.4

42.5

42.6

42.7

42.8

42.9

43.0

43.1

43.2

43.3

43.4

43.5

43.6

43.7

43.8

43.9

44.0

44.1

44.2

44.3

44.4

44.5

44.6

44.7

44.8

44.9

45.0

45.1

45.2

45.3

45.4

45.5

45.6

45.7

45.8

45.9

46.0

46.1

46.2

46.3

46.4

46.5

46.6

46.7

46.8

46.9

47.0

47.1

47.2

47.3

47.4

47.5

47.6

47.7

47.8

47.9

48.0

48.1

48.2

48.3

48.4

48.5

48.6

48.7

48.8

48.9

49.0

49.1

49.2

49.3

49.4

49.5

49.6

49.7

49.8

49.9

50.0

50.1

50.2

50.3

50.4

50.5

50.6

50.7

50.8

50.9

51.0

51.1

51.2

51.3

51.4

51.5

51.6

51.7

51.8

51.9

52.0

52.1

52.2

52.3

52.4

52.5

52.6

52.7

52.8

52.9

53.0

53.1

53.2

53.3

53.4

53.5

53.6

53.7

53.8

53.9

54.0

54.1

54.2

54.3

54.4

54.5

54.6

54.7

54.8

54.9

55.0

55.1

55.2

55.3

55.4

55.5

55.6

55.7

55.8

55.9

56.0

56.1

56.2

56.3

56.4

56.5

56.6

56.7

56.8

56.9

57.0

57.1

57.2

57.3

57.4

57.5

57.6

57.7

57.8

57.9

58.0

58.1

58.2

58.3

58.4

58.5

58.6

58.7

58.8

58.9

59.0

59.1

59.2

59.3

59.4

59.5

59.6

59.7

59.8

59.9

60.0

60.1

60.2

60.3

60.4

60.5

60.6

60.7

60.8

60.9

61.0

61.1

61.2

61.3

61.4

61.5

61.6

61.7

61.8

61.9

62.0

62.1

62.2

62.3

62.4

62.5

62.6

62.7

62.8

62.9

63.0

63.1

63.2

63.3

63.4

63.5

63.6

63.7

63.8

63.9

64.0

64.1

64.2

64.3

64.4

64.5

64.6

64.7

64.8

64.9

65.0

65.1

65.2

65.3

65.4

65.5

65.6

65.7

65.8

65.9

66.0

66.1

66.2

66.3

66.4

66.5

66.6

66.7

66.8

66.9

67.0

67.1

67.2

67.3

67.4

67.5

67.6

67.7

67.8

67.9

68.0

68.1

68.2

68.3

68.4

68.5

68.6

68.7

68.8

68.9

69.0

69.1

69.2

69.3

69.4

69.5

69.6

69.7

69.8

69.9

70.0

70.1

70.2

70.3

70.4

70.5

70.6

70.7

70.8

70.9

71.0

71.1

71.2

71.3

71.4

71.5

71.6

71.7

71.8

71.9

72.0

72.1

72.2

72.3

72.4

72.5

72.6

72.7

72.8

72.9

73.0

73.1

73.2

73.3

73.4

73.5

73.6

73.7

73.8

73.9

74.0

74.1

74.2

74.3

74.4

74.5

74.6

74.7

74.8

74.9

75.0

75.1

75.2

75.3

75.4

75.5

75.6

75.7

75.8

75.9

76.0

76.1

76.2

76.3

76.4

76.5

76.6

76.7

76.8

76.9

77.0

77.1

77.2

77.3

77.4

77.5

77.6

77.7

77.8

77.9

78.0

78.1

78.2

78.3

78.4

78.5

78.6

78.7

78.8

78.9

79.0

79.1

79.2

79.3

79.4

79.5

79.6

79.7

79.8

79.9

80.0

80.1

80.2

80.3

80.4

80.5

80.6

80.7

80.8

80.9

81.0

81.1

81.2

81.3

81.4

81.5

81.6

81.7

81.8

81.9

82.0

82.1

82.2

82.3

82.4

82.5

82.6

82.7

82.8

82.9

83.0

83.1

83.2

83.3

83.4

83.5

83.6

83.7

83.8

83.9

84.0

84.1

84.2

84.3

84.4

84.5

84.6

84.7

84.8

84.9

85.0

85.1

85.2

85.3

85.4

85.5

85.6

85.7

85.8

85.9

86.0

86.1

86.2

86.3

86.4

86.5

86.6

86.7

86.8

86.9

87.0

87.1

87.2

87.3

87.4

87.5

87.6

87.7

87.8

87.9

88.0

88.1

88.2

88.3

88.4

88.5

88.6

88.7

88.8

88.9

89.0

89.1

89.2

89.3

89.4

89.5

89.6

89.7

89.8

89.9

90.0

90.1

90.2

90.3

90.4

90.5

90.6

90.7

90.8

90.9

91.0

91.1

91.2

91.3

91.4

91.5

91.6

91.7

91.8

91.9

92.0

92.1

92.2

92.3

92.4

92.5

92.6

92.7

92.8

92.9

93.0

93.1

93.2

93.3

93.4

93.5

93.6

93.7

93.8

93.9

94.0

94.1

94.2

94.3

94.4

94.5

94.6

94.7

94.8

94.9

95.0

95.1

95.2

95.3

95.4

95.5

95.6

95.7

95.8

95.9

96.0

96.1

96.2

96.3

96.4

96.5

96.6

96.7

96.8

96.9

97.0

97.1

97.2

97.3

97.4

97.5

97.6

97.7

97.8

97.9

98.0

98.1

98.2

98.3

98.4

98.5

98.6

98.7

98.8

98.9

99.0

99.1

99.2

99.3

99.4

99.5

99.6

99.7

99.8

99.9

100.0

100.1

100.2

100.3

100.4

100.5

100.6

100.7

100.8

100.9

101.0

101.1

101.2

101.3

101.4

101.5

101.6

101.7

101.8

101.9

102.0

102.1

102.2

102.3

102.4

102.5

102.6

102.7

102.8

102.9

103.0

103.1

103.2

103.3

103.4

103.5

103.6

103.7

103.8

103.9

104.0

104.1

104.2

104.3

104.4

104.5

104.6

104.7

104.8

104.9

105.0

105.1

105.2

105.3

105.4

105.5

105.6

105.7

105.8

105.9

106.0

106.1

106.2

106.3

106.4

106.5

106.6

106.7

106.8

106.9

107.0

107.1

107.2

107.3

107.4

107.5

107.6

107.7

107.8

107.9

108.0

108.1

108.2

108.3

108.4

108.5

108.6

108.7

108.8

108.9

109.0

109.1

109.2

109.3

109.4

109.5

109.6

109.7

109.8

109.9

110.0

110.1

110.2

110.3

110.4

110.5

110.6

110.7

110.8

110.9

111.0

111.1

111.2

111.3

111.4

111.5

111.6

111.7

111.8

111.9

112.0

112.1

112.2

112.3

112.4

112.5

112.6

112.7

112.8

112.9

113.0

113.1

113.2

113.3

113.4

113.5

113.6

113.7

113.8

113.9

114.0

114.1

114.2

114.3

114.4

114.5

114.6

114.7

114.8

114.9

115.0

115.1

115.2

115.3

115.4

115.5

115.6

115.7

115.8

115.9

116.0

116.1

116.2

116.3

116.4

116.5

116.6

116.7

116.8

116.9

117.0

117.1

117.2

117.3

117.4

117.5

117.6

117.7

117.8

117.9

118.0

118.1

118.2

118.3

118.4

118.5

118.6

118.7

118.8

118.9

119.0

119.1

119.2

119.3

119.4

119.5

119.6

119.7

119.8

119.9

120.0

120.1

120.2

120.3

120.4

120.5

120.6

120.7

120.8

120.9

121.0

121.1

121.2

121.3

121.4

121.5

121.6

121.7

121.8

121.9

122.0

122.1

122.2

122.3

122.4

122.5

122.6

122.7

122.8

122.9

123.0

123.1

123.2

123.3

123.4

123.5

123.6

123.7

123.8

123.9

124.0

124.1

124.2

124.3

124.4

124.5

124.6

124.7

124.8

124.9

125.0

125.1

125.2

125.3

125.4

125.5

125.6

125.7

125.8

125.9

126.0

126.1

126.2

126.3

126.4

126.5

126.6

126.7

126.8

126.9

127.0

127.1

127.2

127.3

127.4

127.5

127.6

127.7

127.8

127.9

128.0

128.1

128.2

128.3

128.4

128.5

128.6

128.7

128.8

128.9

129.0

129.1

129.2

129.3

129.4

129.5

129.6

129.7

129.8

129.9

130.0

130.1

130.2

130.3

130.4

130.5

130.6

130.7

130.8

130.9

131.0

131.1

131.2

131.3

131.4

131.5

131.6

131.7

131.8

131.9

132.0

132.1

132.2

132.3

132.4

132.5

132.6

132.7

132.8

132.9

133.0

133.1

133.2

133.3

133.4

133.5

133.6

133.7

133.8

133.9

134.0

134.1

134.2

134.3

134.4

134.5

134.6

134.7

134.8

134.9

135.0

135.1

135.2

135.3

135.4

135.5

135.6

135.7

135.8

135.9

136.0

136.1

136.2

136.3

136.4

136.5

136.6

136.7

136.8

136.9

137.0

137.1

137.2

137.3

137.4

137.5

137.6

137.7

137.8

137.9

138.0

138.1

138.2

138.3

138.4

138.5

138.6

138.7

138.8

138.9

139.0

139.1

139.2

139.3

139.4

139.5

139.6

139.7

139.8

139.9

140.0

140.1

140.2

140.3

140.4

140.5

140.6

140.7

140.8

140.9

141.0

141.1

141.2

141.3

141.4

141.5

141.6

141.7

141.8

141.9

142.0

142.1

142.2

142.3

142.4

142.5

142.6

142.7

142.8



# ADDITIONS AND CORRECTIONS TO THE

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
1	Faerder	1001.7	63	WSW	2	c	1001.7	*	61	+6	NNE	2	*	c	1	*	*	*				
	Petrograd	1001.0	63	W	4	o	1007.1	*	58	-1	SSW	3	*	b	*	-	68	54				
	Rome	1015.1	73	ESE	1	b	1016.8	*	70	-5	M	1	*	b	*	-	82	63				
2	Petrograd	1008.2	66	NW	1	o	1011.5	*	66	+8	NNE	3	*	o	*	-	77	56				
	La Heve	1003.9	67	S	3	bc	1002.9	*	60	-6	SSW	4	*	c	4	-	78	55				
3	Biarritz.	1017.5	68	NW	3	bc	1020.3	+2	63	+2	SW	4	*	c	5	6	73	61				
4	Rome	1012.0	75	W	2	b	1010.9	*	70	-11	N	1	*	b	*	-	86	61				
5	Haparanda	1011.1	64	SW	2	c	1011.1	*	61	-2	N	4	-	c	*	-	70	55				
	Hernösand	1012.6	64	S	2	b	1012.0	*	63	+4	-	0	-	o	*	-	68	54				
	Stockholm	1011.5	66	E	2	b	1011.8	*	66	+2	WNW	2	-	b	*	-	72	57				
	Wiesby	1010.9	68	NE	4	b	1012.7	*	64	-6	N	2	-	b	*	-	72	57				
	Karlstad.	1012.0	72	-	0	b	1013.2	*	64	+3	-	0	-	b	*	-	73	55				
6	Spitzbergen	1017.7	39	S	3	c	1017.0	*	39	0	N	2	*	bc	*	*	*	*				
7	Madrid	1015.5	91	W	1	b	1021.1	*	75	0	NE	1	*	b	*	-	95	70				
	Rome	1018.0	73	W	1	b	1017.5	*	70	-3	N	1	*	c	*	-	84	63				
8	Blaavands Huk	1011.9	61	WNW	3	o	1013.2	*	59	0	NW	2	*	c	*	-	63	57				
	Rome	1017.1	73	SW	1	b	1018.4	*	73	+3	N	1	*	b	*	-	86	63				
9	Petrograd	1017.0	57	ESE	2	b	1018.3	*	54	-1	SE	3	*	b	*	-	63	48				
	Cape Gris Nez	1019.7	63	SSW	2	c	1017.9	*	63	+3	S	1	*	b	2	-	66	57				
10	Rome	1018.9	75	SW	1	bc	1018.9	*	70	-2	N	1	*	b	*	-	88	66				
11	Sanguinaire	*	81	N	3	m	*	*	73	+3	SE	2	*	bc	2	-	88	65				
	Rome	1017.7	75	SW	1	bc	1017.7	*	72	+2	-	0	*	b	*	-	86	64				
12	Rome	1017.5	75	SW	1	b	1016.7	*	70	-2	N	*	*	b	*	-	86	68				
13	Rome	1015.5	75	SW	4	b	1013.7	*	70	0	ESE	1	*	b	*	-	86	70				
14	Rome	1011.7	77	WNW	1	b	1010.7	*	79	+9	S	1	*	o	*	-	86	70				
16	Malin Head	1015.1	66	NW	2	b	1015.6	0	53	-2	WSW	2	NE	bc	2	8	61	52	bc	bc	bc	78
	Haparanda	1017.5	54	N	2	o	1015.9	*	48	-2	NE	2	*	m	*	-	63	41				
	Hernösand	1016.0	57	NNE	2	o	1014.6	*	54	-1	NNW	2	*	c	*	-	61	48				
	Stockholm	1011.9	52	NNE	2	o	1010.6	*	54	-3	N	2	*	o	*	-	64	50				
	Wiesby	1005.3	55	N	2	r	1007.9	*	55	-4	NNE	2	*	o	*	1	61	52				
	Karlstad.	1014.1	59	N	2	o	1013.2	*	54	-7	N	2	*	o	*	-	70	50				
19	Rome	1009.5	72	N	1	b	1011.5	*	68	-7	N	1	*	b	*	-	82	64				
20	La Heve	1019.5	63	NE	2	m	1022.1	*	59	+2	SE	1	*	m	0	-	66	54				
	Rome	1013.2	73	-	0	bc	1015.1	*	70	+2	N	1	*	c	*	-	82	63				
21	Rome	1015.7	73	SSE	1	b	1015.9	*	70	0	N	1	*	b	*	-	82	63				
22	Petrograd	1012.6	61	NNE	1	o	1014.0	*	54	0	W	2	*	o	*	-	64	50				
	La Heve	1023.9	61	NW	4	b	1024.0	*	60	-2	NNE	4	*	c	3	-	66	55				
	Rome	1013.7	72	SW	1	b	1008.6	*	72	+2	SE	1	*	o	*	-	84	66				
23	Rome	1004.0	68	NE	3	o	1003.3	*	66	-6	N	3	*	o	*	6	82	61				
24	Belfort	1025.7	63	E	5	m	1024.8	*	52	+1	E	5	*	p	*	-	69	48				
	Rome	1006.7	70	N	3	c	1009.2	*	72	+6	N	3	*	c	*	-	73	66				
25	Sanguinaire.	*	75	S	3	bc	*	*	75	+1	SE	3	*	b	3	-	84	66				
	Rome	1013.1	72	N	2	b	1013.2	*	72	0	N	3	*	b	*	-	81	64				
27	La Heve	1016.8	66	NE	3	m	1016.2	*	56	-3	NE	2	*	m	1	-	72	54				
28	Rome	1015.5	73	W	2	b	1016.8	*	66	+2	N	1	*	b	*	-	84	61				
29	Rochefort	1010.7	67	WNW	1	b	1011.7	*	66	+1	W	3	*	o	*	-	82	64				
	Madrid	1009.0	81	SW	3	c	1013.6	+2	68	+2	-	0	*	bc	*	-	82	59				
	Rome	1016.0	72	SW	1	b	1015.0	*	63	+2	N	1	*	b	*	-	84	63				
30	Belfort	1014.5	62	W	4	o	1012.8	*	56	+3	W	6	*	o	*	8	73	52				
	Horta	1017.1	69	NE	7	m	1015.8	*	69	+1	NE	7	*	c	4	-	73	68				
31	Sanguinaire	*	80	NW	3	m	*	*	72	-1	NW	2	*	m	4	-	86	66				
	Rome	1009.5	73	S	1	b	1009.7	*	72	0	E	1	*	c	*	-	82	64				
14th August 1915. Aberdeen Pilot balloon ascent at about 7 a.m. 1000 metres SW 11 miles per hour.																						



## REPORTS FOR AUGUST, 1915.

[illegible]



## CORRECTIONS.

[illegible]

LONDON OBSERVATIONS.

LONDON OBSERVATIONS.										GALES				
STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Duration and Extreme Force in British Islands			
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	Date.	ADDITIONS.	Date.	CORRECTIONS.
				Max.	Min.									
	24 HOURS ENDED 9 A.M. TO-DAY.													
	%	%	Hr.	° F.	° F.	° F.	mm. &g							
5 Greenwich	.	.	3.9	.	.	.	.	.	.	.				
Richmond Park	.	.	4.7	.	.	.	.	.	.	.				
9 Greenwich	.	.	.	.	.	59	.	.	.	.				
Westminster	.	.	3.7	.	.	.	.	.	.	.				
10 Greenwich	.	.	0.3	.	.	.	.	.	.	.				
Richmond Park	.	.	0.6	.	.	.	.	.	.	.				
11 Greenwich	.	.	6.5	.	.	.	.	.	.	.				
12 Richmond Park	.	.	6.9	.	.	.	.	.	.	.				
14 Richmond Park	.	.	5.5	.	.	.	.	.	.	.				
15 Greenwich	.	.	.	.	53	.	.	.	.	.				
21 City	.	.	5.0	.	.	.	.	.	.	.				
Richmond Park	.	.	4.4	.	.	.	.	.	.	.				
23 Westminster	.	.	1.6	.	.	.	.	.	.	.				
25 Richmond Park	.	.	2.6	.	.	.	.	.	.	.				
26 Richmond Park	.	.	8.3	.	.	.	.	.	.	.				
31 Richmond Park	.	.	2.8	.	.	.	.	.	.	.				