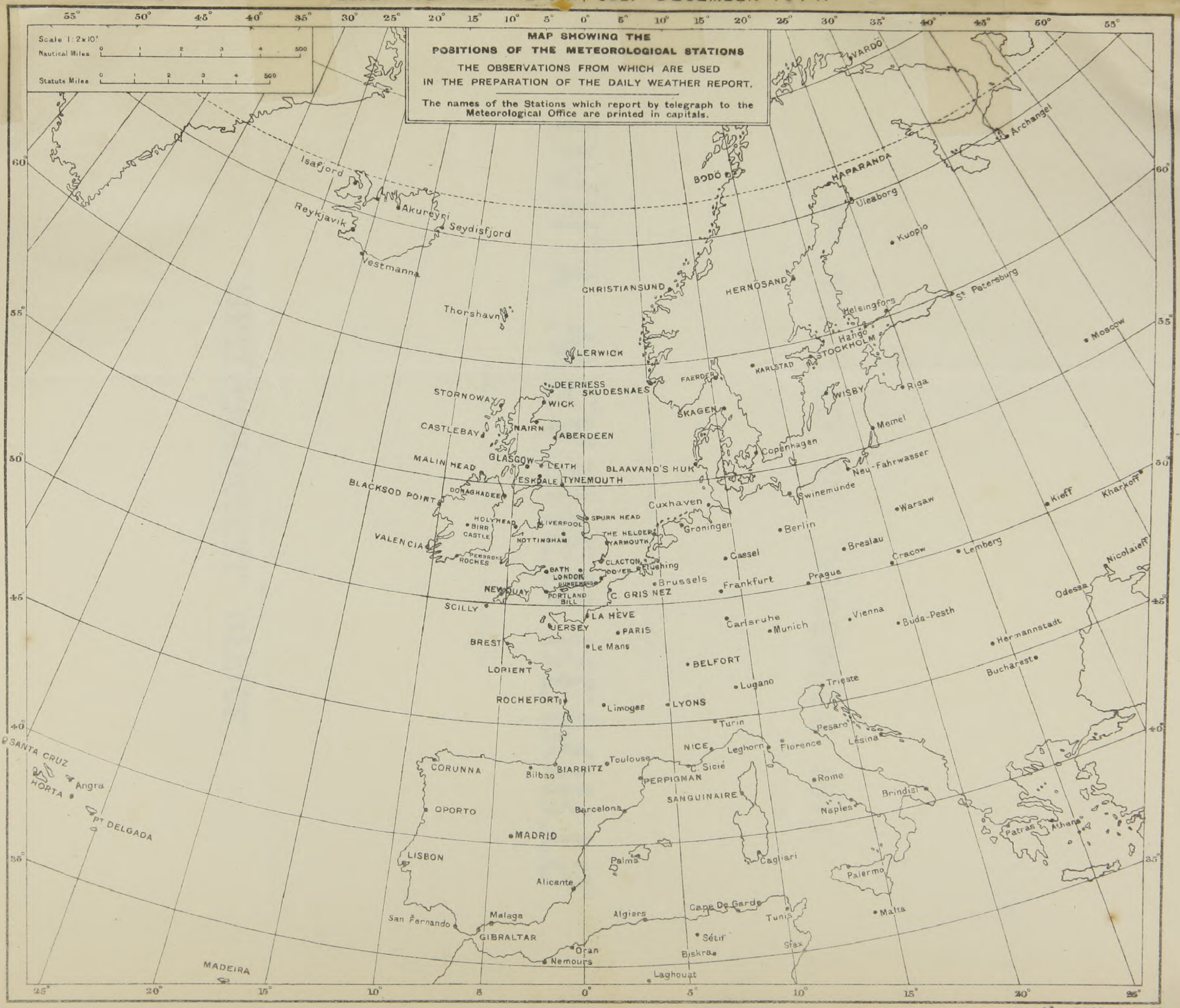
METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER 1914.

DAILY WEATHER REPORT, JULY–DECEMBER 1914.



WYMAN & SONS LTD. N.O. PRESS, LONDON S.W.

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.)

	STATIONS.	PRESSURE. 1906-1910.	AIR TEMPERATURE.								RAINFALL. 1876-1910.		BRIGHT SUNSHINE. 1881-1910.	
			Means of				Absolute Extremes.							
			1906-1910.		1876-1910.		1876-1910.							
							Maximum.		Minimum.					
		7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Temp.	Year.	Temp.	Year.	Days with Rain.	Total Fall.	Average Duration.	Per Centage of Possible Duration.
		In.	°F	°F	°F	°F	°F		°F			In.	Hr.	%
JULY.	Sumburgh Head	29·862	50·5	49·0	57·0	48·0	70	1897	37	1888	18	2·32	—	—
	Stornoway	29·897	52·5	50·7	60·1	48·9	76	1894	32	1888	20	2·93	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]‡	—	—
	Blacksod 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	1876	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	29·969	56·7	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	[29·963]††	[58·0]††	[55·7]††	[64·7]††	[52·8]††	[74]††	[1908]††	[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	1876	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	2·56	—	—
	Spurn Head	29·944	56·4	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	55·4	69·4	53·4	[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
	LONDON { Kew	30·009	57·7	54·8	70·8	54·3	90	1881	43	1882, 84	13	2·30	204	41
AUGUST.	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	54·0	[61·0]‡	[52·9]‡	[80]‡	[1900]‡	[43]‡	[1891]‡	[22]‡	[3·69]‡	—	—
	Blacksod Point	29·907	57·0	55·1	[62·0]‡	[53·5]‡	[78]‡	[1899]‡	[42]‡	[1887, 88]‡	[23]‡	[4·84]‡	—	—
	Valencia	29·976	57·5	56·5	64·2	53·9	81	1899	42	1890	23	5·09	152	34
	Roche's Point	29·985	56·6	55·5	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	65·5	56·8	[78]‡	[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]††	[1909]††	[46]††	[1908]††	[15]††	[2·49]††	[220]††	[50]††
	Wick	29·827	52·4	50·9	61·1	48·2	85	1893	30	1886	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]•	[45]•	[1909]•	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]§	[1909]§	[43]§	[1908]§	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
	LONDON { Kew	30·006	57·9	55·5	69·6	53·6	92	1876	41	1890	14	2·36	191	43
SEPTEMBER.	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]‡	—	—
	Blacksod Point	30·090	55·0	53·2	[60·0]‡	[51·2]‡	[78]‡	[1898]‡	[39]‡	[1899]‡	[20]‡	[4·08]‡	—	—
	Valencia	30·114	53·6	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	57·3	54·9	65·8	54·7	89	1906	41	1891	15	2·67	184	49
	Portland Bill	30·112	56·4	54·9	63·0	53·8	[71]‡	[1906]‡	[43]‡	[1902, 03, 10]‡	14	2·06	—	—
	Dungeness	30·100	55·9	53·8	64·0	52·4	81	1906	32	1885	14	1·79	—	—
	Dover	[30·089]††	[54·7]††	[53·1]††	[62·8]††	[50·4]††	[75]††	[1908]††	[39]††	[1908]††	[13]††	[1·63]††	[173]††	[46]††
	Wick	30·022	49·9	48·3	58·2	45·8	78	1898	29	1885, 87, 07	19	2·52	—	—
	Nairn	30·042	49·1	47·6	60·3	45·3	84	1906	25	1892	17	2·11	[120]••	[32]••
	Aberdeen	30·071	50·6	49·0	59·4	46·6	82	1906	30	1887	17	2·38	125	33
	Leith	30·074	51·4	49·5	62·1	47·6	83	1898	33	1886, 1905	14	1·84	—	—
	North Shields	30·096	51·3	49·6	60·7	47·9	88	1906	34	1885, 89, 93, 07	14	1·75	—	—
	Spurn Head	30·094	53·7	52·0	61·2	51·9	[79]•	[1899]•	[38]•	[1892, 09]•	12	1·61	—	—
	Yarmouth	30·098	54·3	52·4	62·2	51·4	78	1880, 98	33	1885	14	2·13	[138]††	[37]††
	Clacton-on-Sea	30·113	55·0	53·0	63·2	51·4	[79] §	[1906]§	[38] §	[1904]§	10	1·65	[173]¶	[46]¶
	Nottingham	30·120	51·1	49·9	64·0	47·5	94	1906	30	1887	15	1·92	[118]‖	[31]‖
	Bath	30·143	52·5	50·8	64·7	48·3	[88]†	[1906]†	[34]†	[1906]†	12	2·32	138	37
	Oxford	30·150	53·0	50·0	64·4	48·5	92	1906	33	1886	12	1·93	144	38
	LONDON { Westminster	30·120	53·5	51·9	[64·9]¶	[50·4]¶	[91]¶	[1906]¶	[39]¶	[1906]¶	[11]¶	[1·27]¶	118	32
	LONDON { Kew	30·134	52·2	50·5	64·7	49·3	92	1906	33	1887	13	1·97	141	38

• Results for 30 years, 1881-1910.
† " 26 " 1876-1884 and 1899-1910.
‡ " 25 " 1886-1910.
At Birr Castle and Oxford the averages are for 8 a.m.

‡ Results for 11 years, 1900-1910.
§ " 10 " 1901-1910.
‖ " 7 " 1904-1910.

¶ Results for 6 years, 1905-1910.
•• " 4 years, 1907-1910.
†† " 3 " 1908-1910.

METEOROLOGICAL OFFICE,
South Kensington, London, S.W.
August, 1911.

(21004—24.) Wt 40665—7402. 4000. 8/11. D & S.

Malin (Funchal)	10	1	10	11	3	6	1020·8	0	64	-2	N	3	—	6	3	—	72	63	

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday, 1st September, 1914.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp. °F	Wind. Direc.	Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Change in 3 hours.†	Temp. Dry Bulb. °F	Change in 24 hours.°F	Wind. Direc.	Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F	Min. °F	Weather. Morning.	Afternoon.	Night.	Sunshine for Yesterday. Hours.
BRITISH ISLANDS.	Deerness ...	1028·8	56	NW	4	b	1026·7	*	54	+1	SSE	3	~	or	3	2	60	49	b bc	bc b	bc.ob	11·6
	Lerwick ...	1027·0	54	W	3	bc	1028·3	-1	52	-1	SW	1	–	o	1	0·3	58	48	bc	bc	bc	*
	Stornoway ...	1029·2	58	ESE	1	c	1025·5	-1	53	+2	E	1	–	oz	0	1	63	50	bc	bc c	bc.obz	7·0
	Castlebay (Barra Isd.)	1028·3	57	NW	2	o	1024·6	-1	57	+5	SE	3	–	o	3	–	60	52	bc	bc.o	c	8·0
	Glasgow ...	1028·2	60	ENE	2	bz	1028·0	-1	53	+4	E	1	SW	om	*	–	63	49	bm bc c	c bc bz	bm.om	9·0
	Eskdalemuir ...	1027·7	63	ESE	2	c	1028·5	0	55	+3	–	0	–	ow	*	–	67	50	bc	bc	b.bc o	9·1
	Malin Head ...	1027·7	56	NE	1	b	1025·3	0	57	+3	SE	3	SE	c	3	–	60	53	b	b	cq	11·1
	Blacksod Point	*	*	SE	2	bcv	*	*	*	*	SSW	2	*	*	2	*	*	*	bcv	bcv	om.bem	*
	Valencia ...	1024·7	65	ESE	2	o	1023·7	-1	58	-1	E	1	–	b	2	–	67	56	o	o	o.bc	0·1
	Roche's Point	1026·1	61	SSE	2	o	1025·9	*	60	+3	E	2	–	f	2	0·3	62	57	og	og	om.fe	*
	Birr Castle ...	1026·3	66	–	0	o	1026·1	*	58	+5	SE	1	–	m	*	–	67	53	c.o	o	f	1·7
	Donaghadee ...	1027·8	57	NNE	2	bz	1026·5	o	55	+1	–	o	–	ogm	1	–	59	52	bz	bz	bcz me	*
	Liverpool (Bidston)	1027·2	65	NNW	1	b	1028·4	+1	58	-1	ESE	3	E	b	3	–	69	56	bw	b	bm	10·0
	Holyhead ...	1027·3	63	NNE	4	cmg	1027·0	o	61	+2	SE	2	S	ogm	o	–	66	56	c o cm	c bc c o	bc bw o	3·3
	Pembroke (St. Ann's)	1026·6	59	NE	2	c	1027·0	o	62	+1	ESE	2	SE	cg	2	2	67	60	fe	c	bm	3·7
	Newquay ...	1024·8	64	WNW	2	bz	1025·1	+1	64	+4	SSE	4	–	oz	2	–	66	56	bc c	o bc b	bz	4·7
	Scilly (St. Mary's)	1025·2	65	ENE	2	bm	1024·7	o	61	o	ESE	5	SE	b	4	–	69	59	f	bm	bm	7·6
	Jersey (St. Aubin)	1024·7	70	NE	2	b	1025·6	*	63	+5	E	3	–	oz	*	*	*	*	*	*	*	*
	Portland Bill ...	1026·0	64	NNE	1	b	1027·0	o	62	-1	ME	3	–	b	3	–	68	58	b bc	bm	bf	*
	Dungeness ...	1025·7	66	NE	3	b	1026·9	+1	64	o	ME	4	ME	bc	3	–	70	62	o bcz	c b.	bc c	*
	Dover	1026·5	63	N	3	b	1028·2	+2	64	-1	ME	4	–	b	5	–	71	?	b bc o c	b	b	6·8
	Wick	1029·6	56	NE	1	o	1026·6	-2	55	+5	S	2	–	r	3	1	61	50	bc c	c o	bc om	*
	Nairn	1028·3	60	ENE	1	bcv	1026·5	*	53	+2	–	o	–	cm	1	–	64	49	b bc	bv	cm	10·0
	Aberdeen ...	1029·6	55	E	2	bc	1027·0	-1	58	+10	S	2	–	o	2	–	65	47	b	b bc	bc o	9·3
	Leith	1029·4	61	ESE	2	b	1027·8	o	55	o	W	1	–	oz	*	–	62	50	o c bc	bc b	b bc c	
	Tynemouth ...	1028·7	59	NE	1	c	1029·4	o	57	o	SSW	3	–	bm	3	1	59	54	om	o m	bem	0·0
	Spurn Head ...	1028·1	61	E	3	bc	1030·3	o	62	+2	SE	4	–	bc	3	–	65	59	c	bc	bc	2·0
	Yarmouth ...	1028·2	63	ENE	2	o	1030·6	o	64	+2	E	3	–	bc	3	–	69	58	c	c o	o bc	3·9
	Clacton-on-Sea	1026·7	65	E	2	cz	1028·7	+2	63	+1	ENE	4	E	c	3	–	71	61	bc cz	cz	cz o c	2·6
	Nottingham ...	1027·5	65	ESE	3	b	1029·6	*	59	-1	ESE	1	SE	c	*	–	70	55	o c b	b	bcc	2·9
	Bath	1026·4	69	E	1	o	1028·4	*	61	+2	E	1	E	o	*	–	72	59	m o	og	o eg	0·1
	London (Kew Obsy.)	1026·7	70	NE	2	o	1028·5	+1	63	+2	ENE	3	–	om	*	–	71	60	o bc m bc o	o	o bc bm	0·0
	Falmouth ...	1025·4	67	ESE	1	b	1026·0	+1	61	+3	E	1	–	bw	3	–	72	58				12·6
	Markree Castle ...	1026·1	64	–	o	c	1025·7	*	56	+10	SE	1	–	o	*	–	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
NORTHERN EUROPE.	Vardö															*						
	Bodö																					
	Christiansund																					
	Skudesnaes ..																					
	Færder (X'ania Fjord)																					
	The Scaw (Skagen)																					
	Blaavands Huk																					
	Haparanda ...														*							
	Hernösand ...														*							
	Stockholm ...														*							
	Wisby														*							
	Karlstad														*							
	St. Petersburg														*							
CENTRAL EUROPE.	Berlin														*							
	Frankfurt... ...														*							
	Munich														*							
	Vienna														*							
	Cuxhaven ...														*							
	The Helder ...	1027·8	63	NE	4	bc	1030·4	+2	62	-2	NE	2	W	bc	1	Trace	66	59				
	Brussels	*	*	*	*	*									*							
FRANCE.	C. Gris Nez ...	1025·6	64	NE	4	m	1026·7	+1	?	?	NNE	?	*	?	3	–	70	59				
	La Hève	1025·0	66	–	o	m	1026·6	*	59	o	–	o	*	f	o	–	75	55				
	Ushant							*					*									
	Brest (St. Mathieu)	1023·9	72	NE	3	b	1024·3	o	65	+10	ESE	3	*	m	1	–	86	55				
	Rochefort (Ile d'Aix)	1020·6	82	NE	2	b	1021·7	+1	69	+1	NE	3	*	b	*	–	91	66				
	Biarritz	1019·9	70	ENE	3	o	1020·4	+1	67	o	NE	1	*	b	2	–	82	64				
	Paris	1023·3	72	NNE	2	b	1025·0	+1	64	+1	NE	?1	–	o	*	–	81	61				
	Belfort							*					*		*							
	Lyons							*					*		*							
	Nice	1018·3	73	E	1	bc	1019·9	+2	71	-3	E	1	*	b	o	–	86	61				
	Perpignan ...	1019·4	73	–	o	bc	1019·9	+2	70	+2	SW	1	–	b	*	–	82	63				
	Sanguinaire ...	*	72	N	2	o	*	*	72	o	E	2	*	o	2	–	73	66				
SOUTHERN EUROPE.	Corunna (7 a.m.)...																					
	Madrid (8 a.m.) ...														*							
	Lisbon (9 a.m.) ...																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1017·3	*	N	4	bc	1019·4	*	*	*	NW	3	*	c	3	*	*	*				
	Madeira (Funchal)																					

RAINFALL.

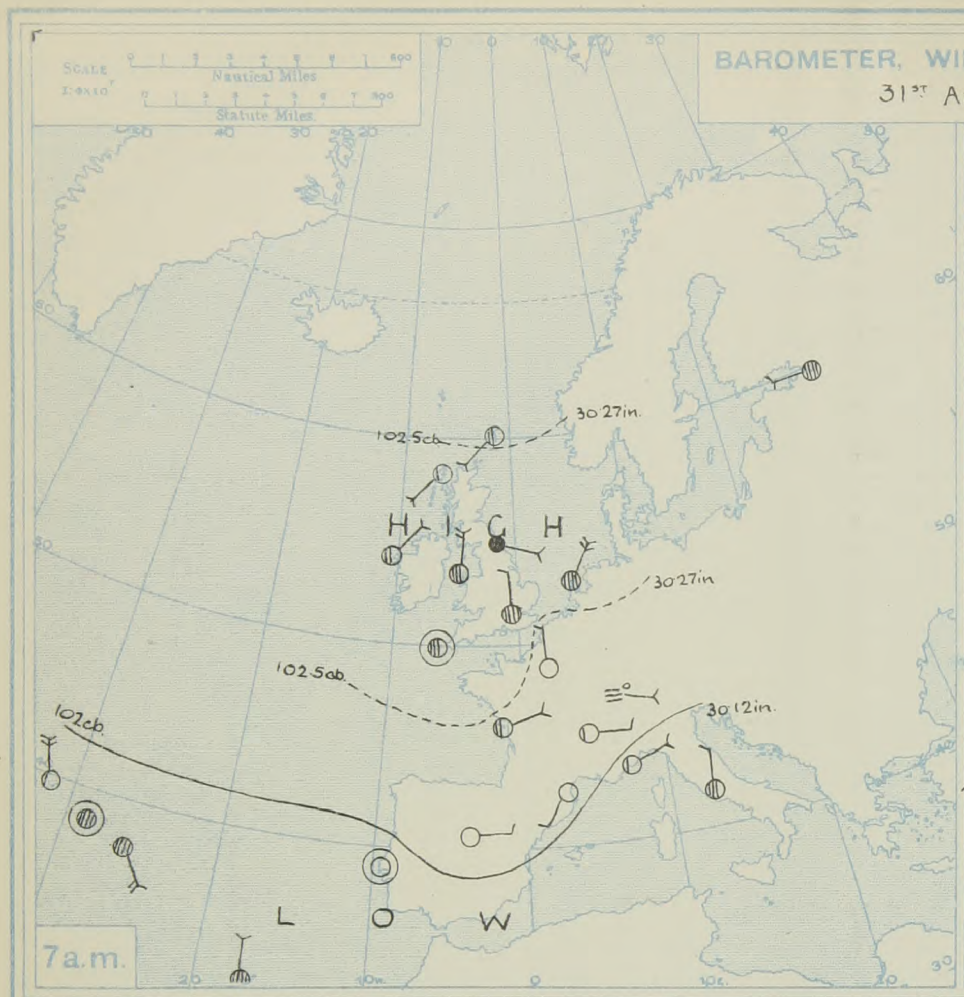
Equivalents of Millimetres in Inches.

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

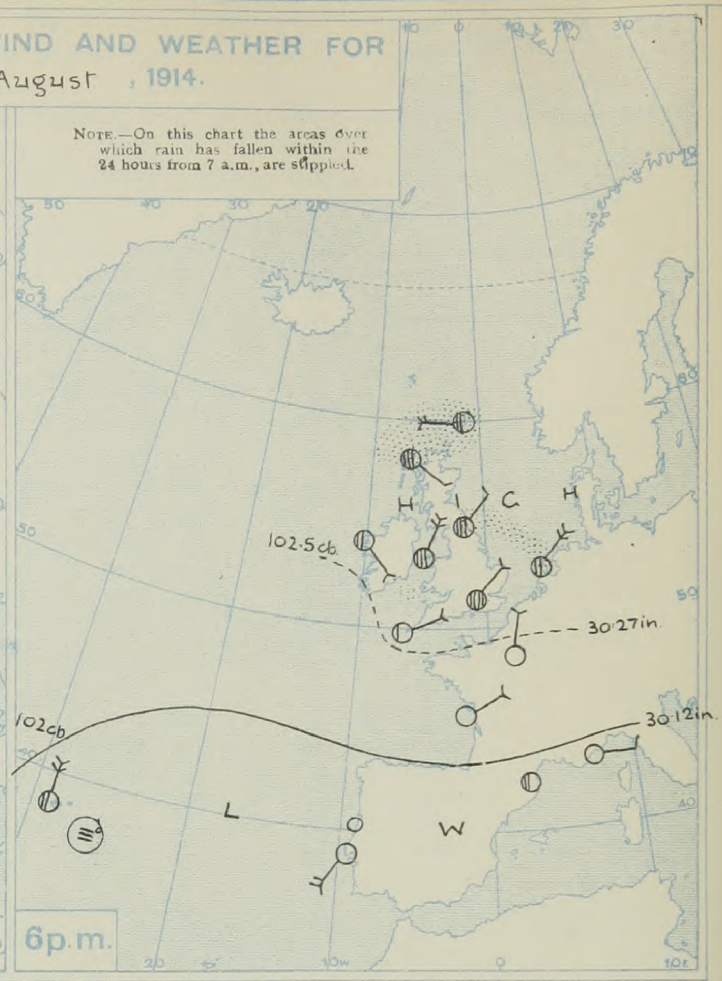
1 Millimetre = ·03937 inch. Rainfall amounts expressed in Millimetres may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1·6 per cent.)

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

BAROMETER, WIND AND WEATHER FOR 31st August, 1914.

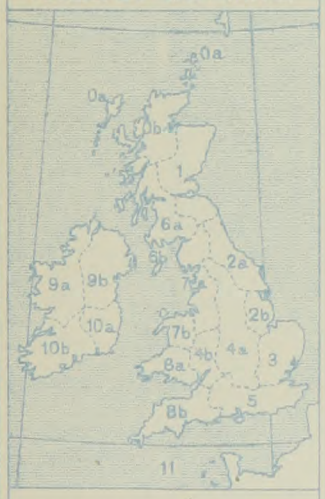


Note.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are supplied.



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.

0 {a, b} 1 — Light or moderate Southerly and South-Easterly winds; cloudy, misty, slight rain in places.

2 {a, b} — Moderate Easterly and South-Easterly winds; fair; cool.

3 — Same as No. 5.

4 {a, b} — Same as No. 2.

5 — Moderate to fresh Easterly winds; fair; cool.

6 {a, b}, 7 {a, b} — Light or moderate Easterly and South-Easterly winds; fair generally, but misty in places; cool.

8 {a, b} — Freshening Easterly and South-Easterly winds; fair; cool.

9 {a, b} — Same as Nos. 6 and 7.

10 {a, b} — Freshening Easterly and South-Easterly winds; fair at first, some rain later; cool.

Western Channel and Bay. 11 — Freshening Easterly and South-Easterly winds, and a moderate to rather rough sea; fair generally, misty in places; normal temperature.

FURTHER OUTLOOK.

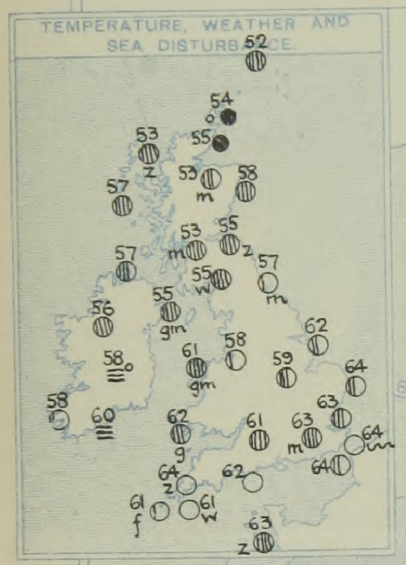
R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

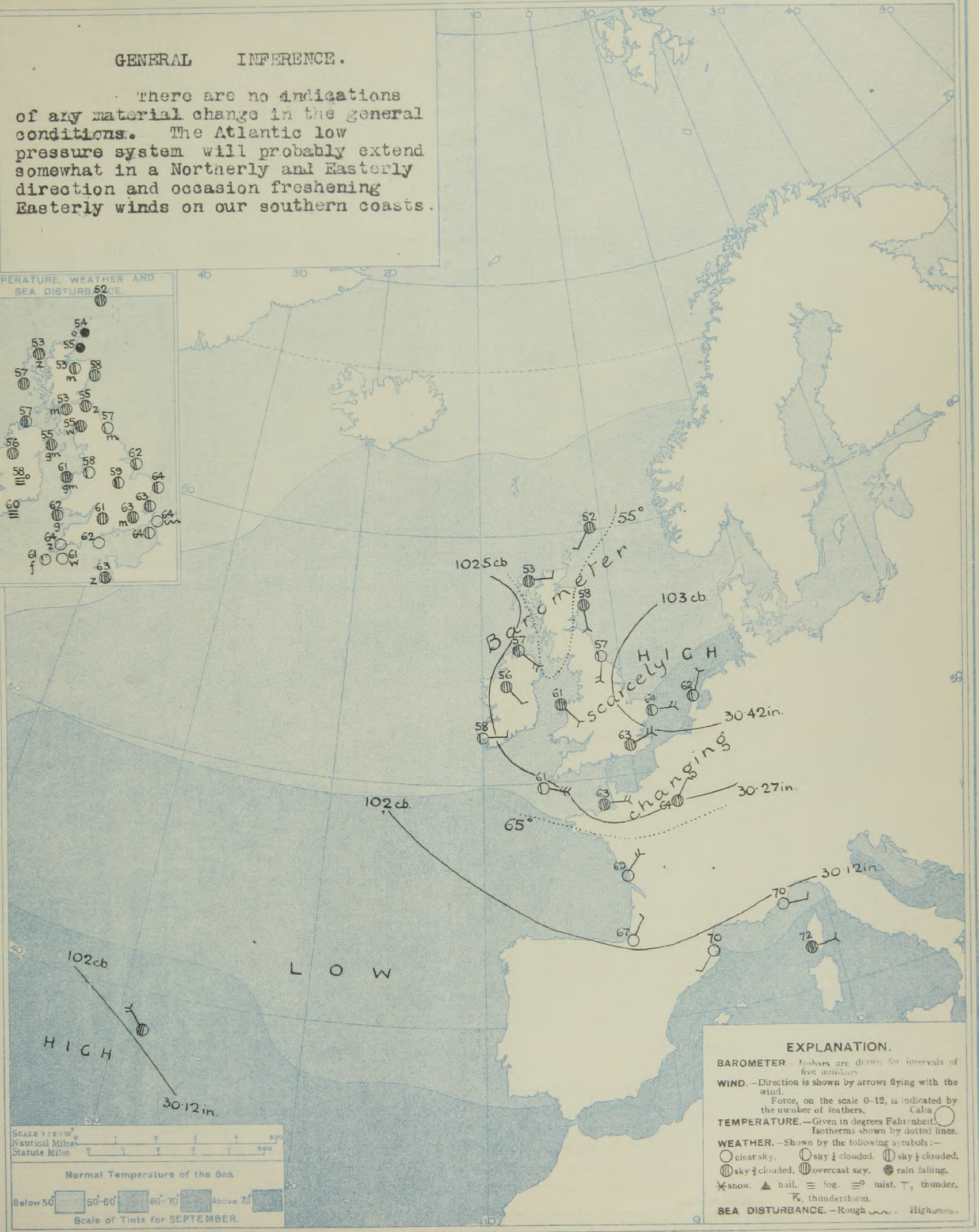
SYNOPTIC CHART FOR 7 a.m., Tuesday, 1st SEPTEMBER, 1914.

GENERAL INFERENCE.

There are no indications of any material change in the general conditions. The Atlantic low pressure system will probably extend somewhat in a Northerly and Easterly direction and occasion freshening Easterly winds on our southern coasts.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.





SCALE 1 : 2 × 10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ◍ overcast sky. rain falling.
snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⊼, thundersturm.

SEA DISTURBANCE.—Rough ~~. High ~~.

DAILY WEATHER REPORT. Tuesday, 1st September 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.	Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			mb.	‡		(0–12).			°	°			mb.	‡		(0–12).	

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	–	63	48	b	b	10·5
	Banff	–	60	45	bc	b.bc.o	5·9
	Stonehaven	–	62	44	bc3	c3	10·1
	Carnoustie	1	61	51	*	*	11·3
	St. Andrews	2	60	52	*	*	4·7
Eng. N.E.	Harrogate	2	64	55	o	c.o.c	0·8
	Scarborough	*	63	56	c.b	o.c	2·5
	Skegness	0·3	65	59	or	r.o	0·4
Eng. N.W.	Douglas (I. of M.)	–	66	52	b	b	9·0
	Morecambe	1	70	58	b	b.bc	10·1
	Blackpool	–	68	55	bc.b	b.bc.c	9·2
	Southport	–	68	56	c.bc	c	6·7
Midlands.	Buxton	0·3	68	57	bc.r	bc	5·7
	Leamington Spa	–	70	61	c.b	bc	0·2
	Malvern	–	68	59	3	3	0·0
	Ross-on-Wye	–	69	44	oc	o.c	0·0
Wales.	Rhyl	1	67	56	b	bc	6·5
	Colwyn Bay	1	67	56	c.bc.r	bc	10·0
	Llandudno	0·3	68	57	b	b	10·7
	Bettws-y-Coed						
	Aberystwyth	9	67	60	r.o.c	bc.o	1·7
	Tenby	1	71	60	bc	bc	4·5
	Swansea	–	72	59	bc	bc.c	4·9
England. E.	Cromer	1	66	58	m.o.bc.o	o	0·8
	Lowestoft	–	66	61	b.bc.c	bc.c.o	3·5
	Felixstowe	–	69	59	bcm	c	3·3
	Walton-on-Naze	–	67	59	bc.c	o.cgm	3·4
	Southend-on-Sea	–	72	58	b.bc	bc.o	4·6
England, S.E.	Tunbridge Wells	–	76	55	b.bc	bc.om	5·2
	Margate	–	69	63	c	bc	4·6
	Ramsgate	–	68	61	b	b	6·2
	Folkestone	–	72	61	bc.o	bc.b.bc	7·1
	Hythe						
	Littlestone	*	*	*	*	*	6·3
	Hastings	–	75	59	o.bc.b	b	7·4
	Bexhill-on-Sea	–	72	59	bc	bc	6·4
	Eastbourne	–	74	58	om.b	b.bc	8·0
	Seaford	–	75	57	b	b	6·8
	Brighton	–	71	59	bc	bc.c.o	5·6
	Worthing	–	73	59	bc	bc.c	6·0
	Littlehampton	–	70	58	*	*	6·2
	Bognor	–	71	58	b	b	5·5
	Southsea	–	70	55	b.bc	c.o	5·7
	Ryde						
	Ventnor						
	Bournemouth	–	74	54	3	bz	5·7
England, S.W.	Weymouth	–	73	58	bz	b.bcm	9·4
	Exmouth	–	67	54	b	b	11·6
	Teignmouth to 9 p.m.	–	73	57	b	b	12·2
	Torquay	–	75	57	b	b	12·2
	Paignton	–	?	66	b	b	12·3
	Plymouth						
	Falmouth	–	72	57	bw	b	12·2
	Penzance	–	69	58	bc	b	6·0
	Bude	–	73	54	w.bz.c	c.bc.	4·3
	Ilfracombe	–	67	59	o	o	1·5
	Weston-super-Mare	–	70	51	o	o	0·0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	64	50	0·7	72	69	53	–	c.o	o	o
City (Bunhill Row)	*	*	0·1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	72	66	0·2	74	62	59	–	bc	o	o
Camden Sq. (Brit. Rainfall)	63	74	?0·6	75	61	57	–	c.o	o	*
Hampstead (Reservoir)	*	82	0·8	67	60	59	–	cm	c	o
Richmond Park	*	*	1·1							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	73	79	0·5							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
644 Joules	13·2 Milliwatts.	45·0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	°F.	F.	°F.				Hr.
Dublin to 4 p.m.	–	64	52	51	o.c	c.b	bc	*
Darwen to 9 p.m.	–	65	56	55	ow.o	og.bc	bc.ow	1·7
Manchester ,,	Trace	70	59	*	o.bc.o	o	o.c	1·8
Birmingham ,,	–	67	59	56	*	o	o	0·0
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	–	75	60	55	bz.o	o	o	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

1st & 2nd September 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.5 / 5.7	11.53 / 11.53	6.41 / 6.39
Greenwich	5.14 / 5.16	12.0 / 12.0	6.46 / 6.44
Wick	5.13 / 5.15	12.12 / 12.12	7.11 / 7.9
Valencia	5.54 / 5.56	12.41 / 12.41	7.28 / 7.26

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 70° and 75° in many parts of England and Wales, and reached 76° at Tunbridge Wells. Very little bright sunshine was recorded in the central parts of England and Ireland, but in other localities the duration was large. Slight rain was experienced at some of the northern stations, and thunder was heard at Tynemouth.

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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 2nd September 1914.

DATE.	STATIONS.	YESTERDAY EVENING. Baron. Millibars at M.S.L.	Temp. °F	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.†	Temp. Dry Bulb.	Temp. Change in 24 hours °F	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday. hours
	Deerness ...	1024·0	55	SE	2	odf	1024·7	*	54	-0	ESE	2	–	me	2	4	57	53	rogr	rog	dfe	0·0
	Lerwick ...	1024·9	52	SW	3	omd	1025·8	0	53	+1	SE	4	–	o	3	6	53	50	r	or	omd	*
	Stornoway ...	1023·9	59	WNW	2	o	1024·2	-1	58	+5	SW	1	–	op	1	11	60	52	opg	op	ob	0·0
	Castlebay (Barra Isd.)	1024·6	59	SW	3	om	1023·6	0	59	+2	E	1	–	o	1	0·1	59	56	om	om	om.c.o	0·0
	Glasgow ...	1026·0	60	–	0	om	1025·6	0	59	+6	ESE	1	SW	cm	*	1	60	53	odm.og	ogme	om.bcm	0·0
	Eskdalemuir ...	1026·4	62	WSW	3	oz	1027·0	0	51	-4	–	0	–	cf	*	Trace	63	47	o.oz	ogg	o.of cf	0·0
	Malin Head ...	1025·0	62	E	2	bc	1022·8	-2	60	+3	SW	1	–	b	1	–	68	56	bc	bc	bm	5·3
	Blacksod Point	*	*	NE	1	bcv	*	*	*	*	SW	4	*	om	3	*	*	*	bcv	bcv	om	*
	Valencia ...	1021·0	72	SE	2	b	1023·7	+1	61	+3	SSE	1	S	bcm	3	–	78	58	bz	bz	om	10·9
BRITISH ISLANDS.	Roche's Point	1025·2	64	ESE	3	o	1025·6	*	60	0	SE	2	–	f	2	0·1	66	60	om	bm.om	om.fe	*
	Birr Castle ...	1024·1	71	S	1	b	1024·4	*	58	0	S	1	–	m	*	–	75	57	c	c.b	z	8·3
	Donaghadee ...	1024·9	65	SSW	3	bcz	1024·5	0	58	+3	SSW	2	–	f	1	Trace	72	55	bz	bcz	bcm.f	*
	Liverpool (Bidston)	1026·8	67	SE	2	b	1026·4	-1	57	-1	SE	2	–	b	2	–	71	56	bm	b	bm	8·5
	Holyhead ...	1026·7	71	SSW	3	bm	1026·0	0	60	-1	S	1	–	bm	0	Trace	73	58	c.bc.bm	bm	bmw	6·2
	Pembroke (St. Ann's)	1026·1	63	S	3	bc	1026·0	0	58	-4	E	1	–	bm	1	–	67	58	bm	bm	bm	?
	Newquay ...	1024·9	65	ESE	4	bz	1024·6	0	64	0	SE	1	–	bz	1	–	69	58	bz	bz	bz	11·6
	Scilly (St. Mary's)	1024·5	62	ESE	5	m	1024·4	+1	60	-1	ESE	2	–	m	3	–	68	58	bz	bz	f	4·7
	Jersey (St. Aubin)	1025·1	68	E	3	cz	1024·9	*	64	+1	NE	*	–	b	*	*	*	*	m	m	b	*
	Portland Bill ...	1027·3	64	E	2	b	1026·5	0	62	0	ENE	2	–	b	3	–	67	61	b.bc	bc	bc.b	*
	Dungeness ...	1026·9	64	ENE	4	b	1026·9	-1	66	+2	ENE	3	–	b	3	–	69	59	b.bc	bc	b	*
	Dover	1028·2	61	NE	4	b	1027·6	0	63	-1	E	2	–	b	4	–	69	?	c.bc.b	b	b	11·4
	Wick	1024·2	55	–	0	o	1024·5	-1	56	+1	SSE	1	–	f	2	4	57	54	omr.om	om.pom	om.fd	*
	Nairn	1024·3	63	W	1	cg	1024·7	*	58	+5	–	0	–	om	0	–	69	52	c.bc	bc.cg	em	0·9
	Aberdeen ...	1024·6	66	SSW	1	c	1025·1	0	58	0	–	0	W	oz	2	–	69	56	o.c.	o.c.	c.oz	1·8
	Leith	1026·4	62	NW	1	o	1025·4	0	61	+6	W	1	NW	oz	*	–	65	55	og	ogz	ogz	*
	Tynemouth ...	1026·8	67	SW	3	cm	1026·4	0	59	+2	SW	2	–	bf	2	–	68	56	bcm	bcm	bcm	6·6
	Spurn Head ...	1028·5	62	SE	4	b	1028·6	0	60	-2	SW	3	–	b	3	–	67	56	b	b	b	12·2
	Yarmouth ...	1028·6	63	E	3	bc	1028·5	0	60	-4	–	0	–	bm	0	–	68	55	bc	bc	bm	12·2
	Clacton-on-Sea	1028·7	64	ENE	3	bv	1027·8	0	65	+2	ESE	2	–	b	2	–	67	62	c.bc.bv	bv	bv	9·0
	Nottingham ...	1027·4	71	SE	1	b	1028·3	*	53	-6	SW	1	–	bmw	*	–	76	50	c.bc	bc.b	b	7·2
	Bath	1026·4	72	E	1	b	1027·1	*	54	-7	E	3	–	b	*	–	76	49	o.c	o.ez.b	cmw	7·5
	London (Kew Obsy.)	1027·7	68	ENE	3	b	1027·8	0	54	-9	NNW	1	–	bmw	*	–	73	50	om.c.bc.b	b	b.bmw	9·6
	Falmouth ...	1025·9	63	ESE	2	b	1024·9	0	62	+1	ESE	2	*	o	3	–	67	59				5·8
	Markree Castle ...	1023·7	71	SE	1	b	1024·0	*	59	+3	SE	2	*	o	*	–	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
													*		*							
NORTHERN EUROPE.	... ...															*						
	Bodo																					
	Christiansund																					
	Skudesnaes ..																					
	Færdet (X'iania Fjord)																					
	The Scaw (Skagen)																					
	Blaavands Huk																					
	Haparanda ...														*							
	Hernösand ...														*							
	Stockholm ..														*							
	Wisby														*							
	Karlstad														*							
	St. Petersburg														*							
CENTRAL EUROPE.	Berlin														*							
	Frankfurt... ...														*							
	Munich														*							
	Vienna														*							
	Cuxhaven ...														*							
	The Helder ...	1029·6	63	NNE	2	b	1029·0	0	59	-3	S	1	–	b	0	–	66	50				
	Brussels	*	*	*	*	*									*							
FRANCE.	C. Gris Nez ...	1026·7	63	ENE	4	b	1025·3	0	57	?	E	4	*	b	2	–	72	52				
	La Hève	1024·8	73	NE	2	m	1025·1	*	62	+3	E.NE	2	*	bc	1	–	73	55				
	Ushant							*					*		*							
	Brest (St. Mathieu)	1023·9	72	NE	2	m	1023·7	0	59	-6	E	2	*	m	1	–	88	57				
	Rochefort (Ile d'Aix)	1020·4	82	NE	3	b							*		*							
	Biarritz	1018·7	75	NE	1	b	1019·1	0	70	+3	ESE	1	*	b	1	–	82	64				
	Paris														*							
	Belfort	1024·2	66	ENE	5	m	1025·9	*	55		ENE	6	*	m	*	–	73	52				
	Lyons							*					*		*							
	Nice												*									
	Perpignan ...														*							
	Sanguinaire ...	*	73	W	2	b	*	*	73	+1	E	2	*	b	2	–	75	68				
SOUTHERN EUROPE.	Corunna (7 a.m.) ...																					
	Madrid (8 a.m.) ...														*							
	Lisbon (9 a.m.) ...																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1019·8	*	NNW	4	r	1017·7	*	*	*	N	4	*	o	3	*	*	*				
	Madeira (Funchal)																					

RAINFALL.

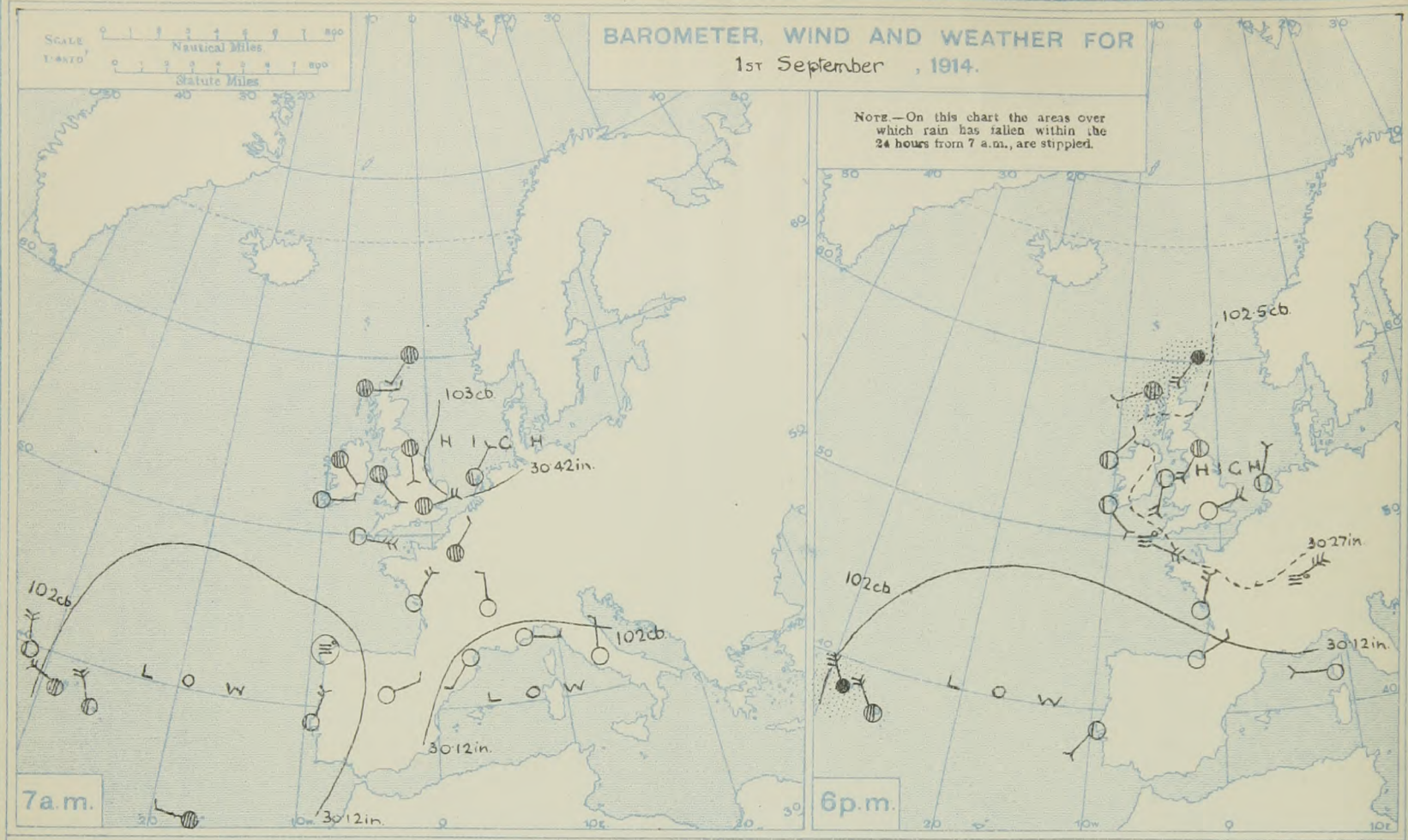
Equivalents of Millimetres in Inches.

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

1 Millimetre = ·03937 inch. Rainfall amounts expressed in Millimetres may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1·6 per cent.)

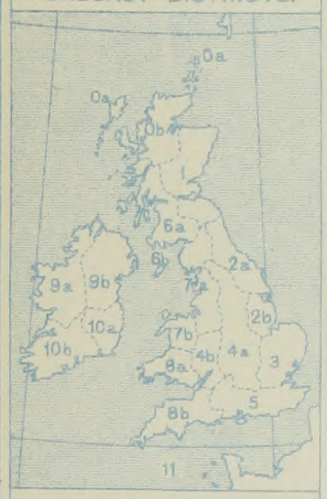
* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

BAROMETER, WIND AND WEATHER FOR
1st September , 1914.



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 b} Light or moderate South-Easterly to South-Westerly winds; dull, misty, occasional rain; cool.

1 } Light Southerly or South-Westerly winds; fine inland, misty
2 {a b} on coast; normal temperature.

3 } Light breezes, chiefly from the Eastward or South-Eastward;
4 {a b} fine generally, but misty in places. High midday temperature,
5 } cool night.

6 {a b} Light Southerly and South-Easterly winds; fine inland,
7 {a b} misty or foggy on coast; normal temperature.

8 {a b} Same as Nos. 3 to 5.

9 {a b} Light Southerly(South-Easterly to South-Westerly) winds;
10 {a b} fair generally, but misty or foggy in places; normal temperature.

Light Easterly or South-Easterly winds, and a slight or smooth sea; fine generally, misty in places; normal temperature.

FURTHER OUTLOOK.

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

W. N. SHAW, Director.

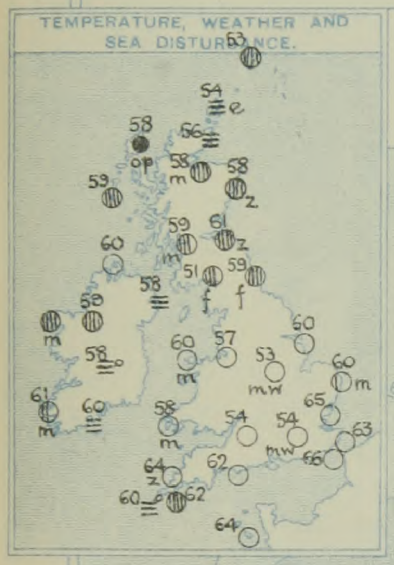
Millibars
1050
1040
1030
1020
1010
1000
990
980
970
31
30
29

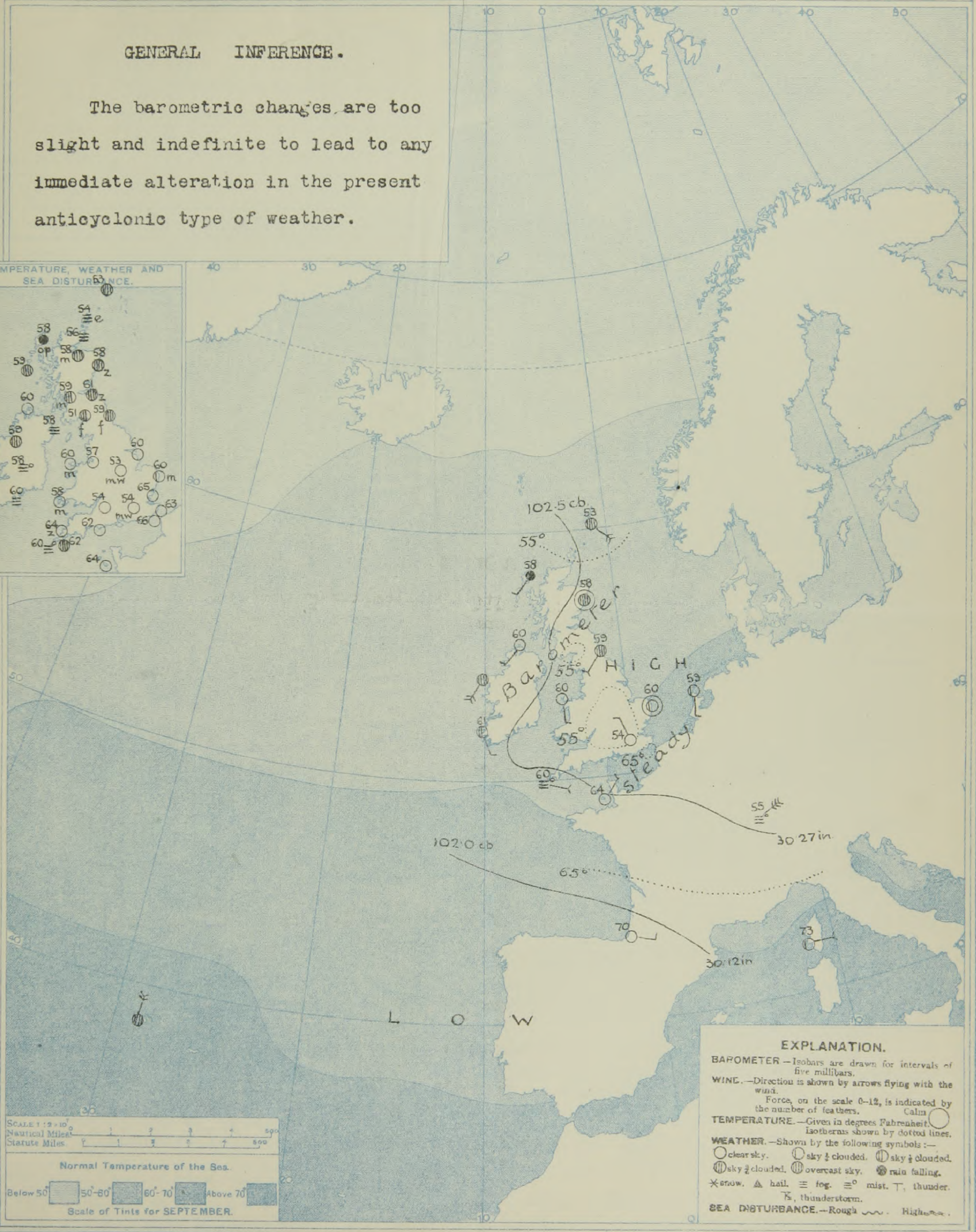
SYNOPTIC CHART FOR 7 a.m., Tuesday, 2nd SEPTEMBER, 1914.

GENERAL INFERENCE.

The barometric changes are too slight and indefinite to lead to any immediate alteration in the present anticyclonic type of weather.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ⊛ rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤ thunder.
⊤\, thunderstorm.

SEA DISTURBANCE.—Rough ~~. High ≈≈.

DAILY WEATHER REPORT

Wednesday, 2nd September, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			mb.	‡		(0–12).	

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			mb.	‡		(0–12).	

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	–	60	49	od	o	0·1
	Banff	–	68	53	c.bc	c.o	2·0
	Stonehaven	–	67	55	cgz	cgz	4·2
	Carnoustie	–	63	54	*	*	0·0
	St. Andrews	–	65	50	*	*	0·1
Eng. N.E.	Harrogate	–	69	54	bc.b	bz	8·5
	Scarborough	*	66	55	c.o	bc.b	9·0
	Skegness	–	69	61	bv	b	11·5
Eng. N.W.	Douglas (I. of M.)	–	67	56	o.c	c.o	3·0
	Morecambe	–	73	57	bc.b	b.bc	9·2
	Blackpool	–	72	55	c.bc	bc	7·3
	Southport	–	74	53	c.bc	bc.b	7·0
Midlands.	Buxton	–	67	55	c	bc	6·3
	Leamington Spa	–	74	56	bc	bz	10·3
	Malvern	–	73	57	3	3	4·0
	Ross-on-Wye	–	72	58	o	bcz	3·6
Wales.	Rhyl	–	75	58	bc	bc.o.bc	3·9
	Colwyn Bay	–	73	57	c	bc	2·5
	Llandudno	–	74	57			3·1
	Bettws-y-Coed	–	75	52	bc	c	1·8
	Aberystwyth	–	75	61	o.c	c.bc	7·0
	Tenby	–	69	62	b	b	10·7
	Swansea	–	71	61	b	b	10·5
England. E.	Cromer	0·3	65	58	b	b	12·0
	Lowestoft	–	66	61	b	b	12·0
	Felixstowe	–	67	63	bc	b	11·4
	Walton-on-Naze	–	67	63	bc.b	b.bv	9·5
	Southend-on-Sea	–	71	63	o.bc.b	b	7·7

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
England, S.E.	Tunbridge Wells	–	74	59	bc.b	bz	10·3
	Margate	–	67	60	b	b	9·3
	Ramsgate	–	65	61	b	b	9·6
	Folkestone	–	69	62	b	b	11·8
	Hythe						
	Littlestone	*	*	*	*	*	9·6
	Hastings	–	72	60	bc.b	b	10·5
	Bexhill-on-Sea	–	70	56	b	b	10·2
	Eastbourne	–	69	60	oz b	b	10·1
	Seaford	–	74	60	b	b	11·5
	Brighton	–	78	61	b	b	11·7
	Worthing	–	75	60	b	b	11·3
	Littlehampton	–	71	55	*	*	10·5
	Bognor	–	71	59	b	b	11·5
	Southsea	–	73	60	b	b	12·0
	Ryde						
	Ventnor				*	*	
	Bournemouth	–	73	55	c	b	10·0
England, S.W.	Weymouth	–	71	59	bc.b	b.bcz	10·5
	Exmouth	–	70	57	b	b	11·2
	Teignmouth to 9 p.m.	–	70	57	b.o.b	b	9·0
	Torquay	–	69	59	bc	bc.b	8·6
	Paignton						
	Plymouth						
	Falmouth	–	67	60	b.oz	c.bc	5·6
	Penzance	–	69	60	b	b	8·5
	Bude	–	75	58	o.bz	b	12·0
	Ilfracombe	–	69	62	b	b	11·9
	Weston-super-Mare	–	73	59	o.bc b	b	6·0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-Day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	42	68	9·9	74	49	38	–	bm	b	b
City (Bunhill Row)	*	*	9·0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	42	58	9·3	75	55	48	–	bc	bc	bc
Camden Sq. (Brit. Rainfall)	45	68	9·5	78	50	46	–	b	b	*
Hampstead (Reservoir)	*	60	9·6	72	53	47	–	bc	bm	bm
Richmond Park	*	*	9·7							
Kew. (See front page.)										

(Greenwich and Camden Square air temperatures are in Glaisher screens.)

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Stations.	Total.	Average Rate.	Max. Rate.
S. Kensington (Roof of M.O.)	1517 Joules	31·2 Milliwatts.	595 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	°F.	F.	°F.				Hr.
Dublin to 4 p.m.	–	71	54	53	bw	bc	c.bm	*
Darwen to 9 p.m.	–	69	53	49	oc bcw	bc	bc	10·2
Manchester ,,	–	71	54	*	c.bc	bc.b	c.bc.b	9·7
Birmingham ,,	–	73	58	51	*	o.c	c	4·9
Oxford to 8 p.m.	*	75	55	48	o.b	bc	c.b	*
S. Kensington (Museum Grounds to 6 p.m.)	–	73	62	59	o.bc b	b	b	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

2nd & 3rd Sept., 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.7 5.8	11.53 11.52	6.39 6.37
Greenwich	5.16 5.17	12.0 11.59	6.44 6.42
Wick	5.15 5.17	12.12 12.11	7.9 7.6
Valencia	5.56 5.57	12.41 12.40	7.26 7.24

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 75° and upwards in many parts of England and Ireland, and reached 78° at Brighton and Valencia. Over the northern half of the Kingdom the amount of bright sunshine was as a rule small, but on our east, south and south-west coasts it ranged between 10 and 12 hours. Rain was experienced in the north and west 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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday, 3rd September, 1914.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp. °F	Wind. Direc.	Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Change in 3 hours.†	Temp. Dry Bulb. °F	Change in 24 hours.†	Wind. Direc.	Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F	Min. °F	Weather. Morning.	Afternoon.	Night.	Sunshine for Yesterday. Hours.
BRITISH ISLANDS.	Deerness ...	1023·0	56	S	2	f	1021·3	*	56	+2	NW	2	–	fe	0	4	58	54	fe	fe.rf	f.or.f	0·0
	Lerwick ...	1023·5	55	S	3	om	1021·2	0	54	+1	WNW	2	NW	bc	1	2	59	52	bc	bcm	om	*
	Stornoway ...	1022·4	60	SSW	1	oz	1022·3	0	57	-1	S	1	–	ome	1	2	64	53	op.bc	bc.oz.	om.c	2·7
	Castlebay (Barra Isd.)	1021·8	58	SE	3	of	1022·3	0	57	-2	WSW	3	–	of	3	0·1	62	56	om	om.f	of	0·0
	Glasgow ...	1023·2	67	WSW	1	c	1023·3	0	59	0	–	0	W	cm	*	Trace	72	58	cm.bcz	c.bc.cz	o.chw	3·8
	Eskdalemuir ...	1023·8	68	WSW	1	b	1024·0	0	55	+4	–	0	W	om	*	Trace	71	50	cf.bc	bz	bm.o	9·0
	Malin Head ...	1022·7	62	W	2	c	1023·6	0	58	-2	WSW	3	NW	c	3	–	67	57	cm	cm	om	1·2
	Blacksod Point	*	*	WSW	3	om	*	*	*	*	SSW	1	*	*	1	*	*	*	om	om	om.f	*
	Valencia ...	1023·7	62	–	0	c	1023·3	-1	60	-1	–	0	–	om	2	–	68	60	cz	cz	om	4·9
	Roche's Point	1025·1	61	SE	1	f	1024·3	*	60	0	E	1	–	f	1	0·3	62	59	fe	fe	fe	*
	Birr Castle ...	1023·6	70	–	0	b	1024·3	*	55	-3	SW	1	–	f	*	–	71	54	b	b	f	4·2
	Donaghadee ...	1023·1	66	SW	3	bz	1023·3	+1	59	+1	NW	3	NW	cm	2	–	70	58	bz	bz	bm.cf.c	*
	Liverpool (Bidston)	1023·8	72	ESE	1	b	1024·2	0	60	+3	W	1	–	b	1	–	74	56	bm	b	bm	8·4
	Holyhead ...	1024·0	67	–	0	bm	1024·2	+1	58	-2	SW	3	–	f	1	Trace	74	57	bm	bm	bfw	10·5
	Pembroke (St. Ann's)	1024·7	64	SSW	1	b	1024·0	0	59	+1	NE	1	–	bmw	1	–	67	56	bm	bm	bm	10·4
	Newquay ...	1023·4	66	ESE	1	bz	1022·8	0	62	-2	SE	1	–	bz	1	–	72	60	bz.bz	bz	bm	10·3
	Scilly (St. Mary's)	1023·3	64	E	1	b	1021·6	-1	62	+2	E	3	–	b	3	–	68	58	f	bm	bm	4·2
	Jersey (St. Aubin)	1023·0	73	NE	3	bz	1022·4	*	67	+3	NE	1	–	bz								
	Portland Bill ...	1024·5	64	NE	1	b	1023·7	-1	63	+1	E	2	–	b	2	–	67	59	b	b	b	*
	Dungeness ...	1024·2	65	ENE	4	b	1023·4	-1	60	-6	NE	1	–	b	1	–	70	54	b	b	b	*
	Dover	1024·8	64	NE	1	b	1024·1	*	62	-1	NW	1	–	bm	2	0·2	71	48	b	b	bm	12·5
	Wick	1022·9	57	–	0	m	1021·3	-1	57	+1	NNW	1	–	o	1	1	58	54	fe	f.om	o.cm.om	*
	Nairn	1021·9	61	–	0	cm	1021·9	*	59	+1	SW	1	–	om	1	–	68	55	c.bcz	bcm	m	3·6
	Aberdeen ...	1022·3	64	S	1	bcz	1021·3	0	61	+3	W	1	S	c	2	–	69	57	cz.bz	bz	cz	5·6
	Leith	1023·6	72	W	1	o	1022·8	0	62	+1	W	2	NW	c	*	–	75	59	o.c	c.o	c.bc	
	Tynemouth ...	1023·8	66	S	2	bcm	1024·0	0	60	+1	NW	2	NW	bcm	2	–	67	56	bm	bcm	bc	8·6
	Spurn Head ...	1025·7	63	SE	4	bc	1025·1	0	61	+1	S	2	–	o	2	–	72	55	bc	bc	bc	11·3
	Yarmouth ...	1026·5	65	SE	2	b	1024·4	0	57	-3	W	1	–	bm	0	–	69	48	b	b	bm	12·0
	Clacton-on-Sea	1026·3	65	E	2	b	1023·9	0	60	-5	NNW	1	–	bz	1	–	70	56	b.r	bv	bmw	11·7
	Nottingham ...	1024·5	70	S	1	b	1024·4	*	49	-4	SW	1	–	bmw	*	–	78	48	bm	b	b	11·8
	Bath	1024·0	76	E	1	b	1024·4	*	50	-4	E	1	–	b	*	–	78	47	m.b	b	bmw	12·1
	London (Kew Obsy.)	1024·4	69	E	3	bz	1024·6	+1	51	-3	NW	1	–	fw	*	–	76	49	bmw.bz.b	b.bz	bz.fw	10·6
	Falmouth ...	1024·2	65	ENE	2	b	1022·8	-1	58	-4	NE	1	*	bw	2	–	69	56				8·2
	Markree Castle ...	1023·3	67	–	0	c	1024·7	4	57	-2	–	0	*	o	*	–	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
NORTHERN EUROPE.	Vardö															*						
	Bodö																					
	Christiansund																					
	Skudesnaes ..																					
	Færder (X'iania Fjord)																					
	The Scaw (Skagen)																					
	Blaavands Huk																					
	Haparanda ...														*							
	Hernösand ...														*							
	Stockholm ...														*							
	Wisby														*							
	Karlstad														*							
	St. Petersburg														*							
CENTRAL EUROPE.	Berlin														*							
	Frankfurt... ...														*							
	Munich														*							
	Vienna														*							
	Cuxhaven ...														*							
	The Helder ...	1026·3	64	NW	1	b	1025·2	+1	63	+4	S	1	–	b	0	–	68	52				
	Brussels	*	*	*	*	*									*							
FRANCE.	C. Gris Nez ...												*									
	La Hève	1024·8	72	NE	3	m	1023·5	*	64	+2	E	2	*	m	1	–	77	57				
	Ushant												*									
	Brest (St. Mathieu)	1022·0	69	NNE	1	m	1021·3	0	58	-1	ESE	2	*	m	1	–	86	54				
	Rochefort (Ile d'Aix)	1019·4	87	NE	1	b	1019·5	+1	68	-2	ENE	3	*	b	*	–	97	63				
	Biarritz	1017·7	82	ENE	1	b	1017·3	0	80	+10	S	3	*	b	1	–	86	70				
	Paris	1023·5	68	NE	2	b	1023·1	+1	59	-2	NE	1	–	b	*	–	79	52				
	Belfort	1024·0	67	E	4	m	1024·8	*	57	+2	E	3	*	m	*	–	73	52				
	Lyons							*					*		*							
	Nice	1021·3	72	–	0	b	1021·7	+1	75	+2	E	1	*	b	0	–	82	66				
	Perpignan ...	1020·6	73	–	0	b	1021·5	+2	66	-2	–	0	–	m	*	–	79	57				
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.) ...																					
	Madrid (8 a.m.) ...														*							
	Lisbon (9 a.m.) ...																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1017·1	*	N	4	b	1015·1	*	*	*	NSW	2	*	c	1	*	*	*				
	Madeira (Funchal)	1014·0	72	W	1	c	1016·3	+1	68	+4	W	1	SW	bc	2	1	73	64				

RAINFALL.

Equivalents of Millimetres. in Inches.

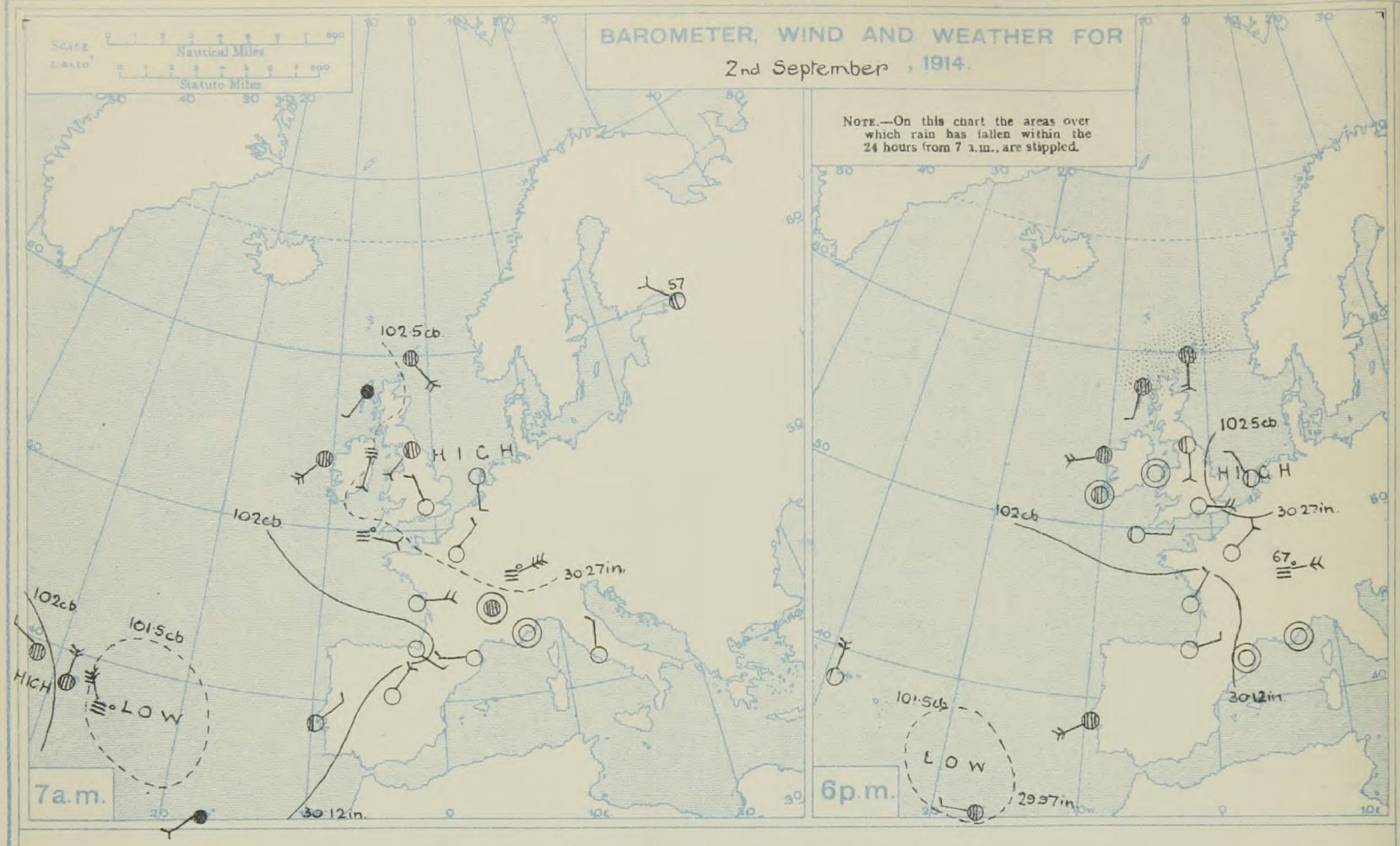
mm.	Inches.	mm.	Inches.
1	0·04	26	1·02
2	0·08	27	1·06
3	0·12	28	1·10
4	0·16	29	1·14
5	0·20	30	1·18
6	0·24	31	1·22
7	0·28	32	1·26
8	0·32	33	1·30
9	0·35	34	1·34
10	0·39	35	1·38
11	0·43	36	1·42
12	0·47	37	1·46
13	0·51	38	1·50
14	0·55	39	1·54
15	0·59	40	1·58
16	0·63	41	1·61
17	0·67	42	1·65
18	0·71	43	1·69
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

1 Millimetre = ·03937 Inch. Rainfall amounts expressed in Millimetres may therefore be converted approximately to Hundredths Inch by multiplying by 4. (Error 1·6 per cent.)

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

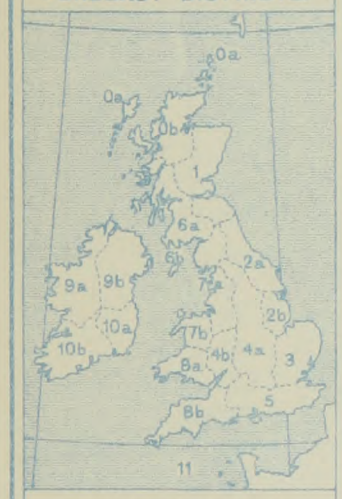
BAROMETER, WIND AND WEATHER FOR

2nd September , 1914.



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.

0	a, b	Variable or light Westerly airs; fair generally, but a good deal of mist or fog locally; normal temperature.
1		
2	a, b	Light variable airs; fair generally, but a good deal of mist or fog locally; normal midday temperature, cool night.
3		
4	a, b	
5		Variable or light Easterly airs; fair generally, but a good deal of mist or fog locally; normal midday temperature, cool night.
6	a, b	Same as Nos. 0 and 1.
7	a, b	Same as Nos. 2 to 4.
8	a, b	Same as No. 5.
9	a, b	Same as Nos. 2 to 4.
10	a, b	Same as No. 5.
Western Channel and Bay. 11		Light Easterly breezes, and a slight or smooth sea; fair generally, but mist or fog locally; normal temperature.

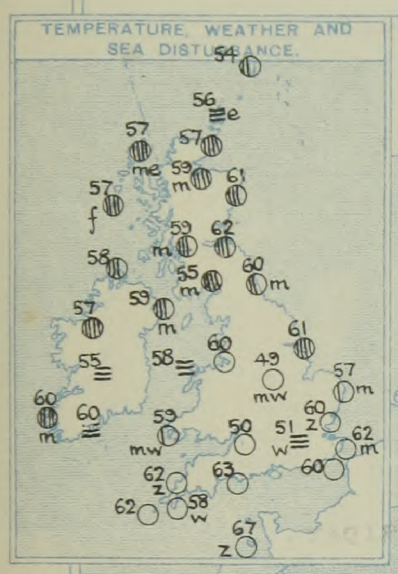
FURTHER OUTLOOK.

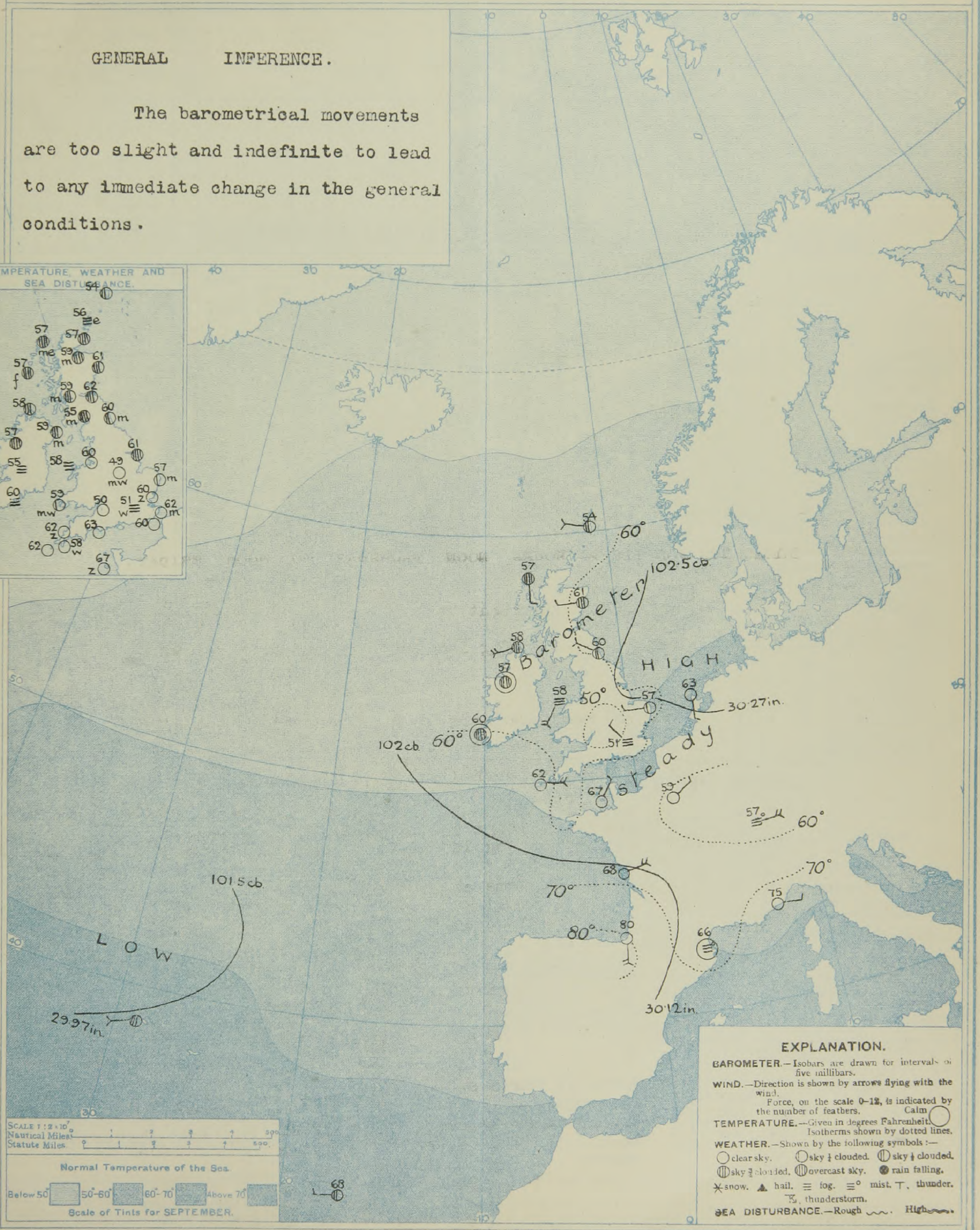
R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Thursday, 3rd SEPTEMBER, 1914.

GENERAL INFERENCE.

The barometrical movements are too slight and indefinite to lead to any immediate 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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ⦿ rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤ thunder.
⊼, thunderstorm.

SEA DISTURBANCE.—Rough ∿∿. High ∿∿.

DAILY WEATHER REPORT. Thursday, 3rd. September, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.	Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			mb.	‡		(0–12).			°	°			mb.	‡		(0–12).	

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	–	?	56	o.bc	o	0·3
	Banff	–	71	56	o.c.bc	bz	3·7
	Stonehaven	–	69	52	bz	bz	5·8
	Carnoustie	–	70	52	*	*	2·7
	St. Andrews	–	72	50	*	*	4·8
Eng., N.E.	Harrogate	–	72	52	b	bz	7·9
	Scarborough	*	75	56	c.b	bc	9·9
	Skegness	–	72	52	b	b	11·4
Eng., N.W.	Douglas (I. of M.)	–	70	57	bz	bz	9·0
	Morecambe	–	73	54	bc.b	b	10·0
	Blackpool	–	72	54	b	b	10·5
	Southport	–	63	54	bc.b	b	8·5
Midlands.	Buxton	–	72	46	b	b	11·2
	Leamington Spa	–	77	48	b	b	11·1
	Malvern	–	75	51	b	b	11·5
	Ross-on-Wye	–	76	47	bz	bz	11·5
Wales.	Rhyl	–	74	55	b	b	9·0
	Colwyn Bay	–	71	56	bc	b	11·0
	Llandudno	–	74	59	b	b	10·5
	Bettws-y-Coed						
	Aberystwyth	–	75	59	c.b	bc.c	11·7
	Tenby	–	70	61	b	b	10·3
	Swansea	–	74	58	b	b	11·3
England, E.	Cromer	–	72	54	b	b	9·9
	Lowestoft	–	69	60	b	b	12·5
	Felixstowe	–	70	62	bcv	bcv	12·4
	Walton-on-Naze	–	69	62	b	b	12·5
	Southend-on-Sea	–	73	55	b	b	11·0
England, S.E.	Tunbridge Wells	–	76	53	b	bz	12·1
	Margate	–	69	58	b	b	11·1
	Ramsgate	–	68	59	b	b	11·7
	Folkestone	–	69	59	b	b	11·6
	Hythe						
	Littlestone	*	*	*	*	*	11·2
	Hastings	–	73	55	b	b	12·4
	Bexhill-on-Sea	–	70	56	b	b	12·0
	Eastbourne	–	69	53	b	b	11·9
	Seaford	–	75	53	b	b	12·3
	Brighton	–	74	54	b	b	11·6
	Worthing	–	72	54	b	b	12·4
	Littlehampton	–	70	53	*	*	12·0
	Bognor	–	70	55	b	b	12·0
	Southsea	–	71	57	b	b	12·5
	Ryde						
	Ventnor				*	*	
	Bournemouth	–	72	51	b	b	12·5
England, S.W.	Weymouth	–	72	55	z.b	bz	10·5
	Exmouth	–	67	54	b	b	10·6
	Teignmouth to 9 p.m.	–	69	56	bc.b	b	9·7
	Torquay	–	70	60	bc	b	10·9
	Paignton						
	Plymouth	–	73	60	b	b	10·3
	Falmouth	–	69	60	c.b	bc	7·8
	Penzance	–	70	60	o.b	b	6·9
	Bude	–	77	52	bwz	bz	11·6
	Ilfracombe	–	75	60	b	b	11·2
	Weston-super-Mare	–	77	51	b	b	12·5

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-Day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	51	99	11·2	76	46	39	–	b	b	b.f
City (Bunhill Row)	*	*	10·0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	51	85	10·8	75	53	46	–	b	b	m
Camden Sq. (Brit. Rainfall)	45	84	10·0	78	50	45	–	b	b	*
Hampstead (Reservoir)	*	95	11·9	73	53	45	–	bc	bm	bm
Richmond Park	*	*	11·2							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	56	84	10·5							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1509 Joules	31·1 Milliwatts.	57·0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	°F.	F.	°F.				Hr.
Dublin to 4 p.m.	–	71	54	54	bfw	bm	bm.c	*
Darwen to 9 p.m.								
Manchester ,,	–	77	54		b.bc.b	b	b	11·5
Birmingham ,,	–	77	52	39	*	b	b	11·9
Oxford to 8 p.m.	*	78	47	41	b.bw	b.bm	bm.z	*
S. Kensington (Museum Grounds to 6 p.m.)	–	75	55	45	b	b	bz	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

3rd and 4th Sept., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.8 / 5.9	11.52 / 11.52	6.37 / 6.35
Greenwich	5.4 / 5.18	11.59 / 11.59	6.42 / 6.40
Wick	5.17 / 5.19	12.11 / 12.11	7.6 / 7.3
Valencia	5.57 / 5.58	12.40 / 12.40	7.24 / 7.22

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 75° and upwards in several parts of England and Wales, and reached 78° at Bath and Nottingham. Very little bright sunshine was recorded in Ireland and Scotland, but over England the duration was again large, more than 12 hours on our east and south-east 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; 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.

§ Rainfall is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday, 4th September, 1914.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp. °F	Wind. Direc.	Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Change in 3 hours.‡	Temp. Dry Bulb. °F	Change in 24 hours. °F	Wind. Direc.	Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F	Min. °F	Weather. Morning.	Afternoon.	Night.	Sunshine for Yesterday. Hours.
BRITISH ISLANDS.	Deerness ...	1023·7	52	N	3	o	1025·4	*	51	-5	NE	3	N	c	3	–	56	46	o	f	c.o.e	0·0
	Lerwick ...	1023·4	53	NNE	3	bc	1025·4	+1	46	-8	N	2	N	bc	1	–	55	44	bc	bc	bcw	*
	Stornoway ...	1023·8	58	SE	1	omdp	1024·5	+1	56	-1	SE	3	–	o	3	0·1	66	55	o.cz	om	o	2·4
	Castlebay (Barra Isd.)	1023·4	58	WNW	3	of	1022·9	0	56	-1	E	4	–*	cf	4	–	61	54	of	of	of.om.f	0·0
	Glasgow ...	1022·4	66	WNW	1	bc	1024·1	0	55	-4	ENE	3	–	o	*	–	67	55	cm.o.c	o.c.bc	bc.b.og	2·8
	Eskdalemuir ...	1022·2	63	NNE	2	o	1024·3	0	54	-1	NE	2	–	o	*	–	69	54	om	o.c	c.om.o	1·9
	Malin Head ...	1023·6	60	NE	1	c	1022·6	0	55	-3	E	2	–	f	1	–	63	53	cz	c	f	0·3
	Blacksod Point	*	*	NE	3	c	*	*	*	*	E	2	*	*	1	*	*	*	o.c	o.c	cm.bcm	*
	Valencia ...	1026·6	62	WSW	1	b	1017·6	-1	56	-4	–	0	–	bczw	2	–	69	55	bcz	bz	cm	9·1
	Roche's Point	1022·0	60	ESE	2	f	1019·3	*	59	-1	NE	2	E	bc	2	0·2	65	56	f	f.b.of	f.bcw	*
	Birr Castle ...	1021·5	71	–	0	b	1020·3	*	56	+1	NE	2	–	b	*	–	72	58	bc	b	b	6·9
	Donaghadee ...	1022·6	58	N	3	bc	1021·5	0	58	-1	SE	3	SE	cf	2	–	60	55	cm	bc	bc.cgf	*
	Liverpool (Bidston)	1022·0	60	NW	1	m	1021·9	0	58	-2	E	2	E	bc	1	–	70	57	bm	m	bm	7·6
	Holyhead ...	1022·5	59	NNW	4	fe	1020·4	-1	59	+1	ENE	4	–	fe	3	Trace	62	55	fe	fe	fe.bfe	0·0
	Pembroke (St. Ann's)	1021·7	62	NE	1	b	1018·8	0	60	+1	E	1	–	bm	1	–	71	58	bm	bm	bm	10·5
	Newquay ...	1019·7	70	–	0	bz	1016·3	-2	64	+2	E	2	E	bc	1	–	72	53	bz	bz	b	11·8
	Scilly (St. Mary's)	1019·4	65	E	2	bm	1015·7	-3	61	-1	E	4	S	om	3	–	71	59	bm	bm	bm.cm	11·6
	Jersey (St. Aubin)	1019·8	74	ENE	3	b	1016·6	*	67	0	E	3	*	c								
	Portland Bill ...	1021·4	65	E	2	b	1018·8	-2	63	0	ENE	3	–	b	2	–	69	60	b	b	b.bc	*
	Dungeness ...	1020·9	67	NE	3	b	1019·4	-1	64	+4	NE	3	–	o	2	–	72	48	b	b	bw	*
	Dover	1021·6	65	NE	1	b	1020·4	+1	63	+1	NE	2	–	b	3	–	76	50	bz	bz	bw	12·1
	Wick	1023·5	53	NE	3	o	1025·6	+1	56	-1	–	0	–	o	1	0·2	58	49	om.fe	fe.om	o.bc.om	*
	Nairn	1022·9	62	E	1	omg	1025·1	*	54	-5	–	0	–	ogm	1	1	67	53	bc.cm	cmg	cm.dp	1·5
	Aberdeen ...	1023·0	60	N	2	dp	1025·2	+1	54	-7	N	2	–	o	2	–	68	54	c.bc	c.o.	op.c.o	1·7
	Leith	1022·8	68	W	2	c	1024·2	+1	57	-5	ENE	2	E	o	*	–	70	57	c.o.c	bc.c	c	*
	Tynemouth ...	1022·7	64	NNE	1	cm	1023·9	+1	58	-2	NNE	2	–	o	3	–	71	57	bcm	bcm	bcm	*
	Spurn Head ...	1021·6	64	SSE	2	o	1023·4	+1	60	-1	NE	4	–	c	3	–	75	56	b	bc.o	c	9·3
	Yarmouth ...	1021·7	66	SE	2	b	1020·6	+1	62	+5	N	2	NE	bcm	1	–	69	54	b	b	bcm	11·2
	Clacton-on-Sea	1021·3	67	ESE	1	bz	1020·3	0	59	-1	N	2	–	bz	1	–	71	57	bz	bz	bzw	11·6
	Nottingham ...	1021·5	74	NNW	1	b	1022·1	*	58	+9	NE	2	–	b	*	–	80	48	bm	bm	bm	9·4
	Bath	1020·6	71	SE	1	b	1020·3	*	57	+7	E	1	E	m	*	–	81	48	b	b	bmw	11·6
	London (Kew Obsy.)	1020·6	70	–	0	z	1020·6	+1	53	+2	–	0	–	fw	*	–	77	49	fw.f.z	z.b.z	bz.bm.fw	6·3
	Falmouth ...	1020·1	67	E	1	b	1016·8	-1	62	+4	NE	2	*	o	3	–	72	57				12·2
	Markree Castle ...	1024·7	62	–	0	c	1019·3	*	57	0	NNE	1	*	o	*	–	*	*				
NORTHERN EUROPE.	Vardö															*						
	Bodö																					
	Christiansund																					
	Skudesnaes ..																					
	Færder (X'iania Fjord)																					
	The Scaw (Skagen)	1013·6	63	W	4	m																
	Blaavands Huk																					
	Haparanda ...														*							
	Hernösand ...														*							
	Stockholm ...														*							
	Wisby														*							
	Karlstad														*							
	St. Petersburg														*							
CENTRAL EUROPE.	Berlin														*							
	Frankfurt... ...														*							
	Munich														*							
	Vienna														*							
	Cuxhaven ...																					
	The Helder ...	1021·3	66	NW	1	b	1019·4	+1	64	+1	N	3	–	bc	2	–	70	63				
	Brussels	*	*	*	*	*									*							
FRANCE.	C. Gris Nez ...												*									
	La Hève	1020·6	79	NE	2	b	1018·4	*	62	-2	ENE	3	*	b	2	–	?84	87				
	Ushant †	1017·0	62	ENE	2	b	1014·1	*	61		E	3	*	o	3	–	72	54				
	Brest (St. Mathieu)	1018·3	71	NNE	2	m	1014·0	+3	57	-1	SE	3	*	o	1	–	91	57				
	Rochefort (Ile d'Aix)	1016·3	78	NW	1	b	1014·9	0	65	-3	SE	3	*	c	*	–	93	65				
	Biarritz	1016·2	82	SE	2	bc	1013·2	+2	72	-8	–	0	*	bc	0	–	94	66				
	Paris	1019·8	70	ENE	1	b	1018·3	0	59	0	ENE	1	–	b	*	–	81	55				
	Belfort	1021·1	70	ENE	2	m	1020·4	*	60	+3	–	0	*	m	*	–	78	55				
	Lyons	1019·4	77	9	1	b	1018·9	*	64	+4	S	1	*	b	*	–	84	59				
	Nice	1020·8	72	–	0	b	1020·3	0	69	-6	–	0	*	b	*	–	88	61				
	Perpignan ...	1018·6	72	NE	2	b	1017·6	0	68	+2	–	0	–	o	0	–	82	63				
	Sanguinaire ...	*	76	N	3	bc	*	*	73		E	2	*	b	*	–	77	70				
SOUTHERN EUROPE.	Corunna (7 a.m.) ...														2							
	Madrid (8 a.m.) ...	1015·4	82	S	1	c	1018·7	+2	66	-1	–	0	–	b	*	–	86	61				
	Lisbon (9 a.m.) ...																					
	Gibraltar	1019·3	74	E	4	o	1018·3	*	73		E	3	–	c	1	–	76	72				
	Rome														*							
	Azores (Horta, 8 a.m.)	1014·3	*	SW	3	r	1016·0	*	*	*	WNW	3	*	b	1	*	*	*				
	Madeira (Funchal) †	1017·2	73	W	1	c	1020·4	+1	66	-2	W	1	–	b	1	–	77	66				

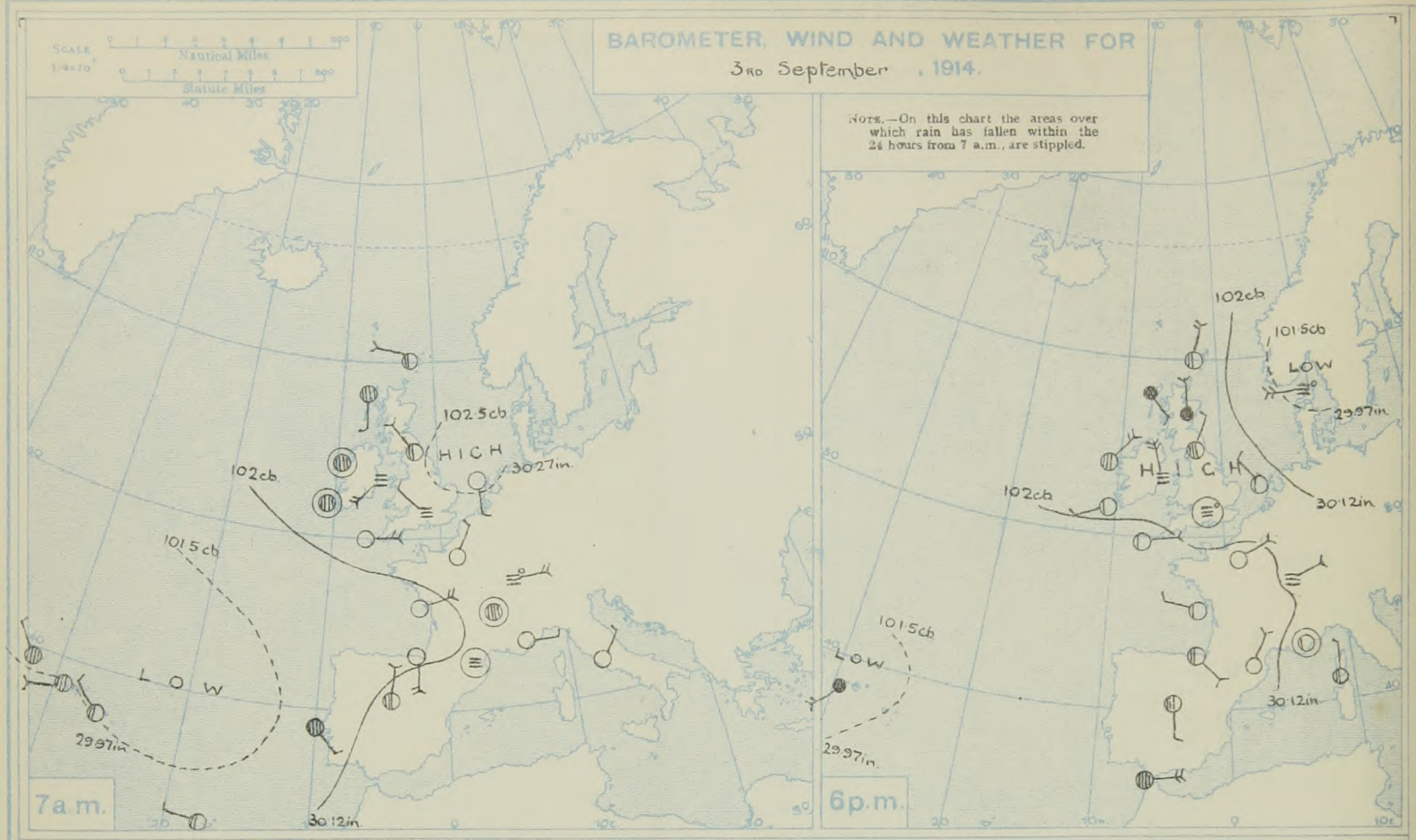
RAINFALL.

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

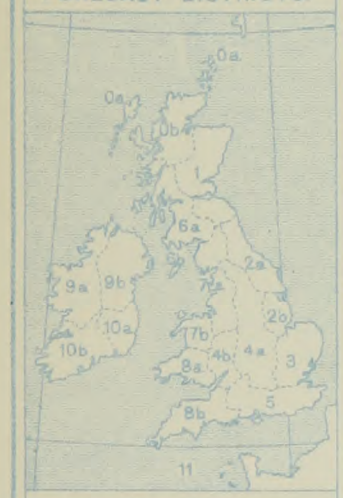
1 Millimetre = ·03937 inch. Rainfall amounts expressed in Millimetres may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1·6 per cent.)

* 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 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 1 2 — Light breezes, chiefly North-Easterly; fair generally, but misty in places; cool.

3 4 5 — Light or moderate Easterly and North-Easterly winds; fine generally; rather cool.

6 7 — Same as Nos. 0 to 2.

8 — Easterly winds, light or moderate inland, with fair, cool weather; freshening on coast, with dull weather and slight rain in places.

9 — Same as Nos. 3 to 5.

10 — Freshening Easterly winds mouth Channel, with moderate sea; variable breezes further south, with slight sea. Becoming less settled, rain in places; normal temperature.

FURTHER OUTLOOK.

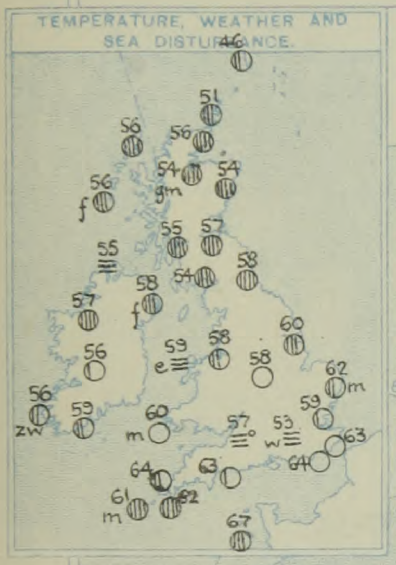
R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Friday, 4th SEPTEMBER, 1914.

GENERAL INFERENCE.

Anticyclonic conditions will continue to prevail for the present over the United Kingdom generally, but on our extreme south-west coasts the weather will be affected to some extent by the depression over the Bay region, which appears to be spreading northward.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



Inches.
31
30
29

102·5cb. Barometer HIGH 30·27in. steady

30·12in.

102cb.

Bar. falling

101·5cb

30·12in.

Barometer HIGH steady

102cb.

29·97in.

L O W

Scale 1 : 2×10⁶
Nautical Miles
Statute Miles

Normal Temperature of the Sea.
Below 50° | 50°-60° | 60°-70° | Above 70°
Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded. ◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder. ⊼, thunderstorm.

SEA DISTURBANCE.—Rough ~~~. High ~~~.

DAILY WEATHER REPORT. Friday, 4th September, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.	Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			mb.	‡		(0–12).			°	°			mb.	‡		(0–12).	

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	–	66	57	o.bc	b	5·8
	Banff	–	62	56	cq.bc	og	2·6
	Stonehaven						
	Carnoustie	–	70	55	*	*	0·5
	St. Andrews	–	70	57	*	*	1·5
Eng. N.E.	Harrogate	–	77	53	b	b	11·3
	Scarborough	*	75	58	c.b	bc	9·6
	Skegness	–	74	61	bv	b	11·0
Eng. N.W.	Douglas (I. of M.)	–	71	57	b	b	10·6
	Morecambe	–	69	53	o.bc.b	b.bm	7·1
	Blackpool	–	69	53	mp.b	of	11·8
	Southport	–	68	55	bc.b	bm.o	6·0
Midlands.	Buxton	–	75	47	b	b	10·4
	Leamington Spa	–	81	48	bz	bz	10·0
	Malvern	–	78	55	b	b	9·5
	Ross-on-Wye	–	80	49	bm	b	9·6
Wales.	Rhyl	–	67	53	b	b	5·1
	Colwyn Bay	–	66	55	bc	bc.o	5·7
	Llandudno	–	70	57	bc	bc	3·9
	Bettws-y-Coed	–	74	52	bz	bz	10·5
	Aberystwyth	–	67	56	bc.b	c.om	5·5
	Tenby	–	77	50	b	b	11·0
	Swansea	–	76	56	b	bc	8·9
England. E.	Cromer	–	76	56	b	b	12·0
	Lowestoft	–	70	55	b	b	11·9
	Felixstowe	–	70	52	bc	bcm	11·7
	Walton-on-Naze	–	71	59	b	b.bz	12·6
	Southend-on-Sea	–	75	55	bmw	b	8·5

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
England, S.E.	Tunbridge Wells	–	81	46	me.b	bz	11·5
	Margate	–	70	59	b	b	9·6
	Ramsgate	–	72	60	b	b	11·2
	Folkestone	–	73	62	b	b	11·4
	Hythe						
	Littlestone	*	*	*	*	*	11·1
	Hastings	–	74	57	b	b	11·9
	Bexhill-on-Sea	–	71	61	b	b	11·7
	Eastbourne	–	72	54	b	b	11·9
	Seaford						
	Brighton	–	72	56	b	b	11·7
	Worthing	–	74	53	b	b	12·3
	Littlehampton	–	71	53	b	b	11·7
	Bognor	–	74	55	b	b	11·7
	Southsea						
	Ryde						
	Ventnor						
	Bournemouth	–	75	49	b	b	11·7
England, S.W.	Weymouth	–	76	53	b	b	11·5
	Exmouth	–	69	52	b	b	11·0
	Teignmouth to 9 p.m.	–	74	51	b	b	11·7
	Torquay	–	74	54	b	b	11·9
	Paignton	–	72	48	b	b	11·7
	Plymouth	–	77	53	b	b	11·3
	Falmouth	–	72	56	bw	b	12·0
	Penzance	–	73	57	b	bc	12·0
	Bude	–	79	51	w.bz	b	12·1
	Ilfracombe	–	73	57	b	b	11·9
	Weston-super-Mare	–	77	50	b	b	10·5

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-Day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	47	61	7·3	82	50	40	–	b	b	b
City (Bunhill Row)	*	*	5·9	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	59	58	4·8	79	55	50	–	b	b.bcm	b
Camden Sq. (Brit. Rainfall)	48	64	7·9	79	61	47	–	bz.b	b.bz	*
Hampstead (Reservoir)	*	62	8·4	77	56	46	–	bc	b	bc
Richmond Park	*	*	5·9							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	57	68	4·9							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.	Total.	Average Rate.	Max. Rate.
	943 Joules	195 Milliwatts.	490 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	°F.	°F.	°F.				Hr.
Dublin to 4 p.m.								*
Darwen to 9 p.m.								
Manchester ,,								
Birmingham ,,	–	75	56	39	*	bz	bz	1·2
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	–	79	55	44	bmw.bm	bz	bz.bm	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

4th & 5th September 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.9 / 5.11	11.52 / 11.52	6.35 / 6.32
Greenwich	5.18 / 5.20	11.59 / 11.59	6.44 / 6.37
Wick	5.19 / 5.21	12.11 / 12.11	7.3 / 7.0
Valencia	5.58 / 6.0	12.46 / 12.46	7.22 / 7.19

NOTES ON YESTERDAY'S WEATHER.

Over the greater part of England the thermometer rose to between 75° and 80°, and at Bath, Leamington Spa and Tunbridge Wells it reached 81°. Very little bright sunshine was recorded in Scotland, but over England and Ireland the duration was large, more than 12 hours at Bude, Dover and Walton-on-the-Naze.

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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday, 5th September, 1914.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp. °F	Wind. Direc.	Wind. Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours‡	Temp. Dry Bulb. °F	Temp. Change in 24 hours†	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday. Hours.
BRITISH ISLANDS.	Deerness ...	1026·7	49	E	2	bc	1026·4	*	52	+1	E	2	SE	b	2	—	56	47	c.bc.	b.bc	bc.b	7·8
	Lerwick ...	1027·1	51	NE	3	bc	1027·2	0	48	+2	N	1	NE	bc	1	—	53	45	bc	bc	bc	*
	Stornoway ...	1024·6	58	NE	4	c	1024·9	0	53	-3	SE	2	—	b	2	—	60	47	o.c.	c.bc.c	b	2·4
	Castlebay (Barra Isd.)	1022·0	63	NE	3	b	1023·7	+1	56	0	SE	4	—	c	4	—	65	55	cf.bm	bm.b	bc.o.c	8·3
	Glasgow ...	1023·6	58	ENE	4	bc	1020·1	+1	49	-6	ENE	3	E	o	*	—	63	46	o.c.b.c.	bc.b.bc	bc.c.o	8·2
	Eskdalemuir ...	1024·1	55	NE	3	c	1025·6	+1	49	-5	ENE	2	E	c	*	—	59	47	odm	o	c	0·0
	Malin Head ...	1020·5	60	SE	3	bc	1021·5	+1	55	0	ESE	5	SE	bc	4	—	62	55	cg	bcg	bcg	3·3
	Blacksod Point	*	*	SE	3	bcg	*	*	*	*	SE	3	*	*	2	*	*	*	bcg	bcg	bcm	*
	Valencia ...	1014·5	64	—	0	c	1014·2	+2	65	+9	E	4	—	cg	3	—	75	56	cg	cg	cg	3·5
	Roche's Point	1015·8	65	E	4	c	1017·1	*	61	+2	E	4	—	o	4	—	67	59	om	ome	cm.om	*
	Birr Castle ...	1017·5	68	NE	1	m	1018·7	*	56	0	NE	2	—	m	*	—	72	56	c	c	cf	8·9
	Donaghadee ...	1020·3	61	E	4	cg	1023·2	+2	55	-3	E	5	—	ogm	5	—	64	53	bcg	cg	bcg.og	*
	Liverpool (Bidston)	1020·5	63	E	4	bc	1022·8	+2	56	-2	E	3	E	om	3	—	71	56	bm	bcm	om	4·8
	Holyhead ...	1018·2	67	E	5	bm	1020·4	+2	58	-1	E	6	SE	og	5	—	70	57	f.bm	bm	b.bc.c	9·6
	Pembroke (St. Ann's)	1015·5	64	ENE	2	c	1017·4	+1	58	-2	ENE	5	NE	cg	4	—	73	57	bm	bcm	cm	6·0
	Newquay ...	1012·8	69	ESE	4	c	1015·8	+4	60	-4	SE	4	SE	om	3	9	76	59	b.bcg	cg	cl.thr	5·7
	Scilly (St. Mary's)	1012·3	65	ESE	5	cm	1014·6	+3	61	0	ESE	6	SE	om	5	Trace	71	60	bcm	cm	cml.od	?
	Jersey (St. Aubin)	1013·9	72	ENE	4	b	1015·6	*	63	-4	E	4	*	r	*	?	—	—	—	—	thr	—
	Portland Bill ...	1015·8	66	ENE	5	bc	1017·1	+1	61	-2	E	6	E	c	4	—	68	58	bc	bc	bc.b.o	*
	Dungeness ...	1018·0	65	NE	5	bcg	1019·4	+2	60	-4	NE	5	—	bcg	5	—	71	59	b	bcg	bcg	*
	Dover	1019·2	62	NE	5	c	1020·5	+2	62	-1	ENE	4	NE	bc	6	—	76	56	b	b.bc.c	bc.c.bc	9·1
	Wick	1026·5	51	ENE	4	b	1026·4	-1	53	-3	E	4	—	c	3	—	56	50	om.bc	b	bc.c	*
	Nairn	1025·3	55	E	2	og	1025·8	o	44	-10	—	0	—	bc	1	—	57	40	og	ogv	ouw	0·0
	Aberdeen ...	1025·8	54	NE	3	c	1026·5	+1	57	+3	NW	2	E	o	2	—	58	53	o	o.c.	c.bc.c	0·0
	Leith	1024·9	60	ENE	2	bc	1025·8	+1	52	-5	E	1	NE	c	*	—	60	50	o.c	c.bc	c	*
	Tynemouth ...	1024·1	58	NE	3	o	1024·4	0	56	-2	ENE	3	—	c	3	—	63	54	o	o	bc	*
	Spurn Head ...	1023·4	60	NE	3	c	1023·6	0	59	-1	NE	3	—	bc	3	—	65	54	c	c	bc	0·7
	Yarmouth ...	1021·6	62	NE	3	o	1022·8	+2	60	-2	ENE	4	—	c	2	—	68	56	o	o	o.c	1·6
	Clacton-on-Sea	1019·7	64	NE	4	c	1020·3	+2	61	+2	ENE	4	E	c	3	—	69	58	b.bcg	bcg.c	c	8·6
	Nottingham ...	1021·6	61	NE	3	o	1022·9	*	56	-2	NE	3	NE	o	*	—	66	55	bc.o	c.o	o	2·1
	Bath	1017·3	71	E	2	c	1020·0	*	58	+1	E	4	E	o	*	—	78	54	m.b	b.bc.cg	c.b.cb	9·5
	London (Kew Obsy.)	1018·7	66	E	4	cg	1020·6	+2	59	+6	NE	2	—	o	*	—	74	52	fw.bg.b	b.bc.cg	bg.o	8·7
	Falmouth ...	1014·1	65	E	4	c	1016·3	+3	61	-1	E	2	*	o	3	1	70	60				3·3
	Markree Castle ...	1018·3	69	SE	1	c	1020·0	-*	56	-1	ESE	2	*	o	*	—	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
	Spitzbergen.	1016·7	36	—	o	r	1011·4	-1	37	+1	SW	6	*	r	*	*	37	34				
NORTHERN EUROPE.	Vardö	1013·9	43	N	2	r	1013·1	+1	43	-2	NE	1	—	b	2	*	46	41				
	Bodö	1017·6	52	N	1	c	1019·4	+1	47	-2	WNW	4	—	c	2	—	52	43				
	Christiansund	1022·6	52	[illegible]	[illegible]	o	1023·9	o	52	o	NW	1	—	c	3	—	54	52				
	Skudesnaes ..	1019·8	55	N	6	b	1023·7	+2	54	o	NE	1	—	b	1	—	59	49				
	Færder (X'tiania Fjord)	1013·5	61	NNW	6	b	1022·0	+4	55	+1	NNE	6	NW	b	2	—	63	48				
	The Scaw (Skagen)	1012·0	61	N	b	b																
	Blaavands Huk	1015·8	59	NNW	4	bc	1021·2	+3	53	-8	ENE	2	—	b	3	—	61	50				
	Haparanda ...														*							
	Hernösand ...														*							
	Stockholm ...	1002·4	46	W	2	r									*							
	Wisby														*							
	Karlstad														*							
	St. Petersburg														*							
CENTRAL EUROPE.	Berlin														*							
	Frankfurt... ...														*							
	Munich														*							
	Vienna														*							
	Cuxhaven ...														*							
	The Helder ...	1021·6	61	N	4	bc	1021·7	+2	61	-3	N	3	W	bc	1	—	66	57				
	Brussels	*	*	*	*	*									*							
FRANCE.	C. Gris Nez ...												*		*							
	La Hève	1017·0	64	ESE	3	bc	1017·3	*	57	-5	ENE	3	*	b	1	—	79	54				
	Ushant							*					*									
	Brest (St. Mathieu)	1013·2	71	S	2	m	1016·0	+1	62	+5	SSE	1	*	bc	2	—	86	57				
	Rochefort (Ile d'Aix)	1014·6	69	WSW	4	o	1016·3	+1	70	+5	NW	3	*	bc	*	Trace	84	65				
	Biarritz	1015·7	66	ESE	3	thr	1017·1	+1	66	-6	NE	1	*	c	1	21	75	64				
	Paris	1014·3	70	NE	2	c	1015·0	+2	64	+5	NE	3	—	c	*	Trace	82	59				
	Belfort							*					*		*							
	Lyons	1015·5	72	SSW	2	c	1015·9	*	64	o	N	1	*	b	*	-	82	57				
	Nice	1017·0	68	W	1	c	1015·4	o	68	-1	W	1	*	bc	1	—	81	63				
	Perpignan ...	1013·6	73	SE	1	b	1016·3	+2	68	o	—	o	—	b	*	—	86	61				
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.)...														*							
	Madrid (8 a.m.) ...														*							
	Lisbon (9 a.m.) ...														*							
	Gibraltar	1015·9	73	NW	5	b	1017·6	*	70	-3	NW	5		b	1	—	84	68				
	Rome														*							
	Azores (Horta, 8 a.m.)	1017·0	*	NW	2	bc	1016·2	*	*	*	W	3	*	o	2	*	*	*				
	Madeira (Funchal)																					

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

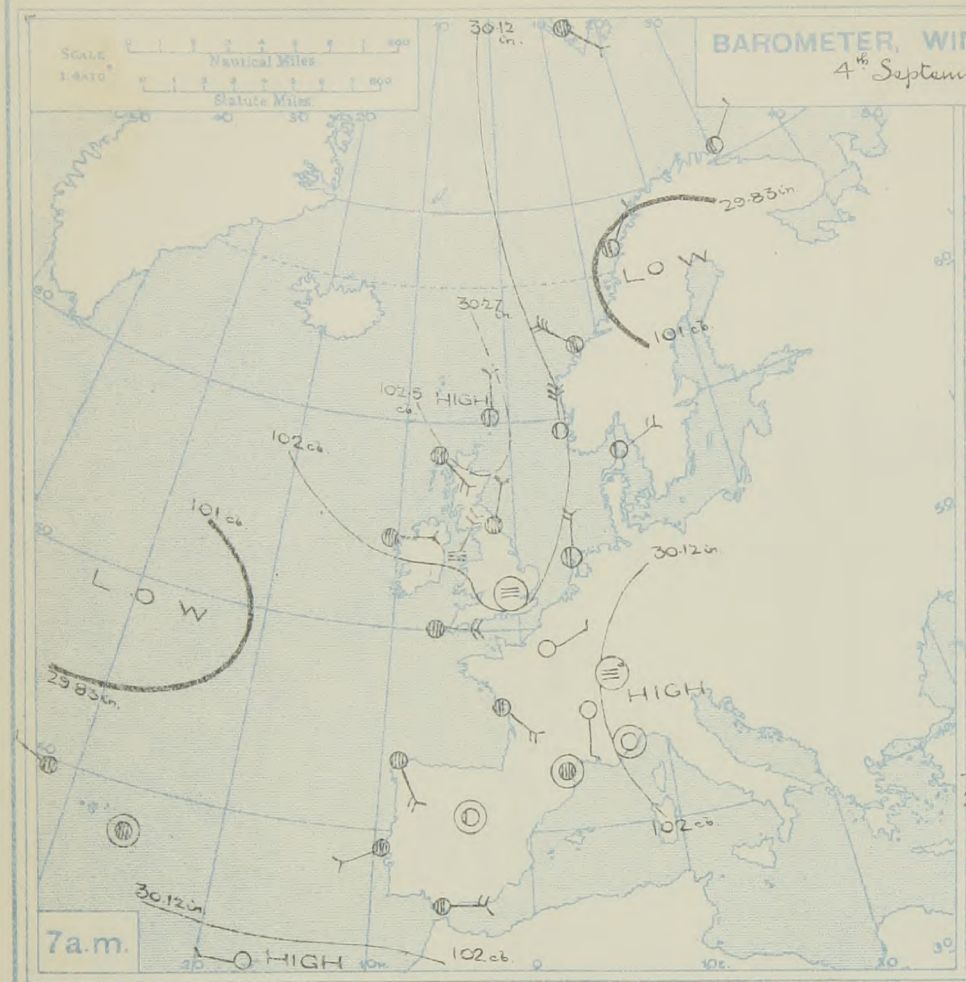
1 Millimetre = ·03937 inch. Rainfall amounts expressed in Millimetres may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1·6 per cent.)

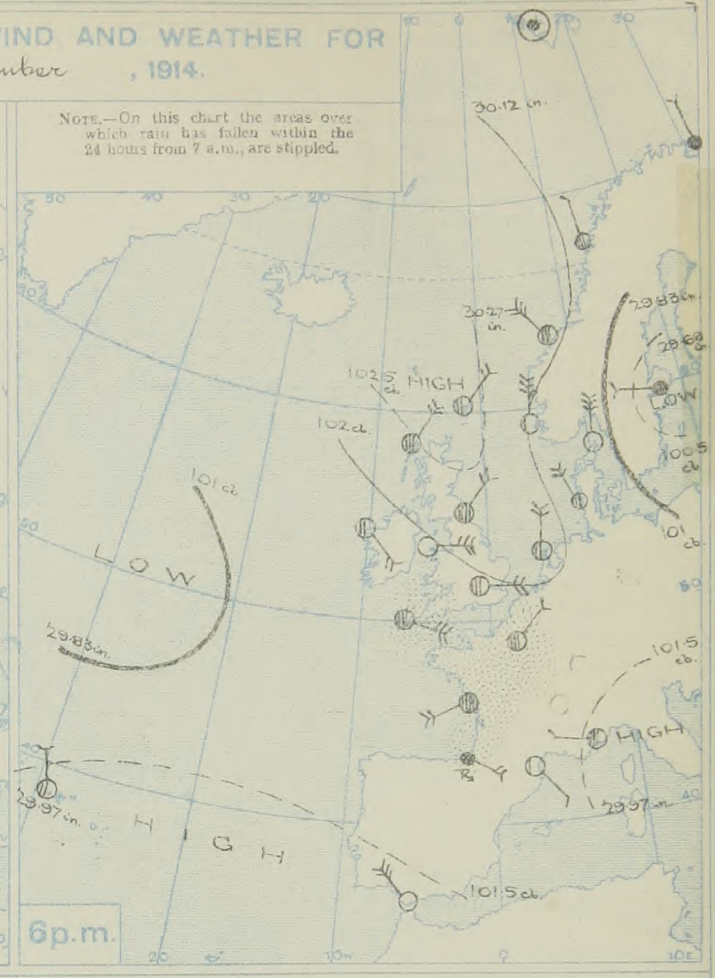
* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

BAROMETER, WIND AND WEATHER FOR 4th September, 1914.

Scale 1:6,410,000 — Nautical Miles / Statute Miles

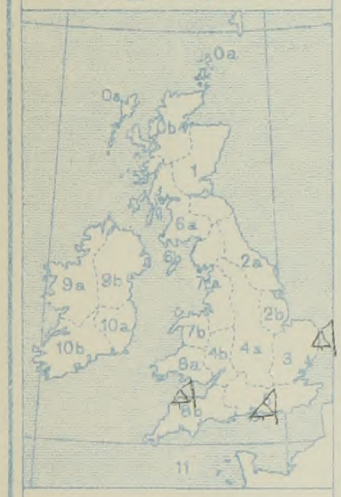
Note.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.





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.

North Cone hoisted yesterday at 7.15 pm in Districts 3, 5 & 8.

Western Channel and Bay.

0 a, b	Light Easterly breezes; fair generally.
1	but local mists on coasts; rather cool.
2 a, b	
3	Moderate Easterly and North-Easterly winds;
4 a, b	fair; cool.
5	Easterly and North-Easterly winds, fresh on coast; cloudy at first, with slight rain locally, then fair; cool.
6 a, b	Light or moderate South-Easterly breezes; fair; cool.
7 a, b	Moderate or fresh Easterly winds; fair; cool.
8 a, b	Easterly winds, fresh or strong on coast; cloudy at first, with slight rain locally, then fair; cool.
9 a, b	Same as No. 7.
10 a, b	
11	Fresh or strong Easterly to South-Easterly winds, and a rather rough sea; cloudy, some rain, misty in places; normal temperature.

FURTHER OUTLOOK.

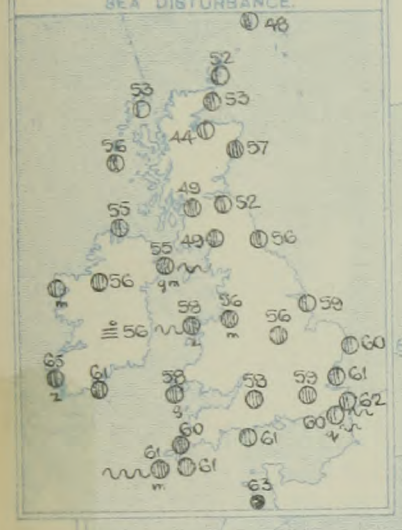
R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

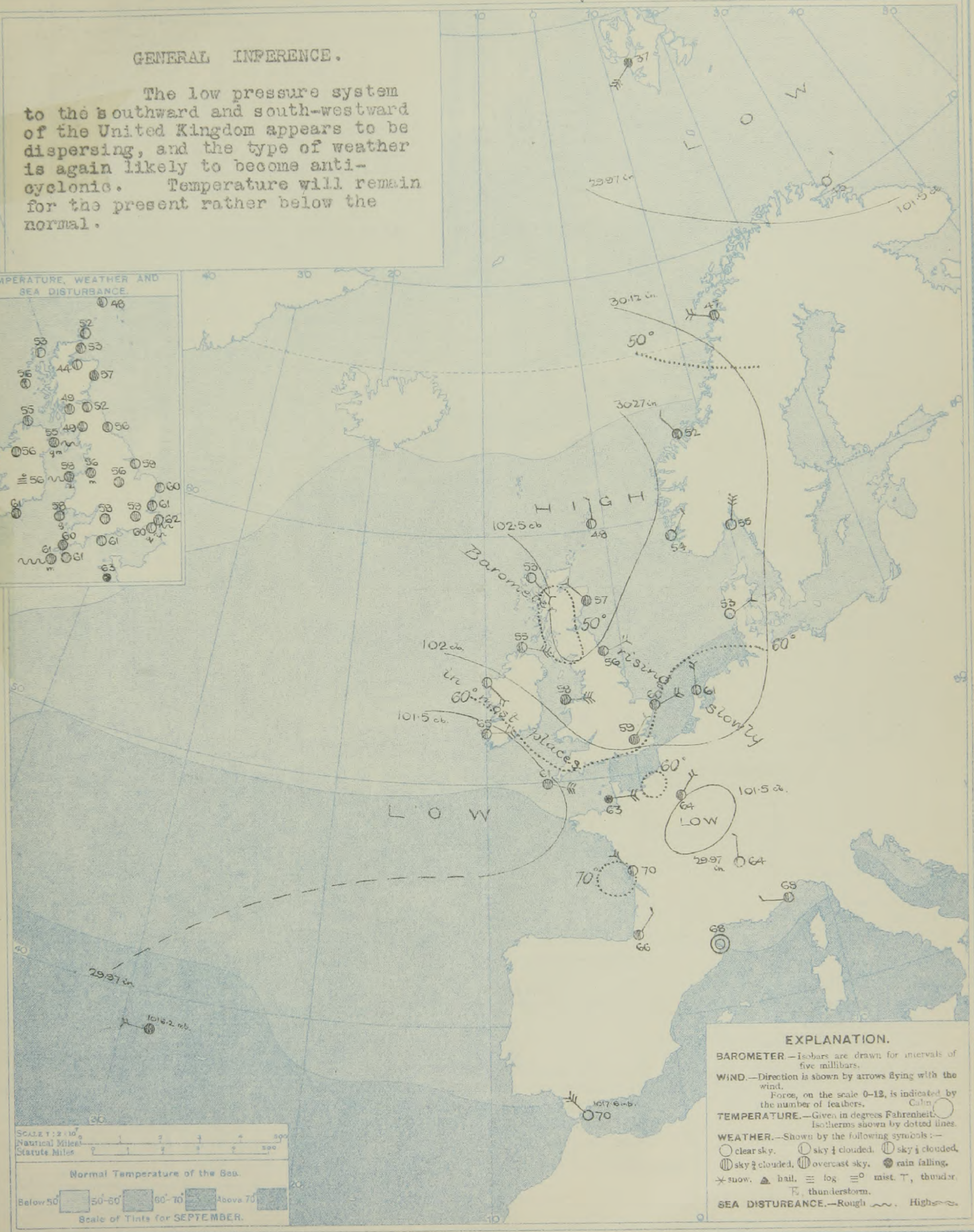
SYNOPTIC CHART FOR 7 a.m., Saturday, 5th SEPTEMBER, 1914.

GENERAL INFERENCE.

The low pressure system to the southward and south-westward of the United Kingdom appears to be dispersing, and the type of weather is again likely to become anti-cyclonic. Temperature will remain for the present rather below the normal.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.





Inches.
31
30
29

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 ¼ clouded. ◑ sky ½ clouded. ◍ sky ¾ clouded. ● overcast sky. ⛆ rain falling. ✳ snow. ▲ hail. ≡ fog ≡° mist. ⊤, thunder. ⊼ thunderstorm.

SEA DISTUREANCE.—Rough ⁓. High ≈.

DAILY WEATHER REPORT. Saturday, 5th September, 1914.

REPORTS FOR YESTERDAY 4TH September.

STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc of Upper Cloud.	Weather.	Sea 0-9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min
Spitzbergen ...	1017·7	38	SE.	1	0	1018·7	0	36		SE	2	*	0	*	–	39	32
Vardö	1010·6	43	ENE	5	7	1012·3	+1	45		NE	1	–	bc	2	*	45	41
Bodö	1007·3	43	S	4	6	1009·7	+4	45		NE	1	–	1c	1	11	45	39
Christiansund	1016·2	50	W	4	0	1015·7	0	52		NW	5	–	c	4	10	52	50
Skudesnaes ..	1018·1	55	N	5	b	1020·3	0	54		N	5	–	b	2	–	61	46
Færder (X'tiansFjord)	1012·0	61	NW	3	b	1014·6	0	54		NW	2	W	b	1	–	63	52
The Scaw (Skagen)	1013·6	63	W	4	m	1014·9	+2	59		ENE	3	–	b	3	–	63	55
Blaavands Huk	1018·9	63	WNW	2	b	1016·3	+1	61		NNW	4	–	b	4	–	66	57
Coruna	1016·4	69	NNE	1	0	1014·9	−2	66		SSE	3	–	0	2	4	72	61
Lisbon	1016·4	72	SW	4	b	1017·3	+1	63	0	WSW	2	–	0	8	–	75	66

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	~	69	48	b bc	b	8·1
	Banff	~	56	53	0g	c.bc.b	1·2
	Stonehaven						
	Carnoustie	1	60	54	*	*	0·2
	St. Andrews	–	59	55	*	*	0·4
Eng. N.E.	Harrogate	–	62	53	o.c	o	0·0
	Scarborough	*	61	58	c.b	o	0·9
	Skegness	–	66	58	o.bc	bc.o	2·8
Eng. N.W.	Douglas (I. of M.) ...	–	67	55	bc	bc	8·0
	Morecambe	–	71	55	o.bc.b	b.bc.o	4·4
	Blackpool	–	69	51	c	c	6·0
	Southport	–	71	51	c.bc	c.bc.b	4·7
Midlands.	Buxton	–	60	48	bc	c	2·6
	Leamington Spa	–	73	55	bc	bc.c.b	8·5
	Malvern	–	72	52	b	b	7·5
	Ross-on-Wye	–	73	52	b	b.bc.c	9·5
Wales.	Rhyl	–	73	56	b	b	8·7
	Colwyn Bay	–	73	57	b.bc	bc.o	9·6
	Llandudno	–	73	57	b	b	9·9
	Bettws-y-Coed	–	72	55	bg	bg	8·2
	Aberystwyth	–	74	56	o.c.b	c.o	7·5
	Tenby	–	74	56	b.bc	bc.o	6·5
	Swansea	–	77	60			7·4
England. E.	Cromer	–	64	59	o	o	0·0
	Lowestoft	–	66	57	bc.c.o	o	3·9
	Felixstowe	–	67	54	bcm	o	7·4
	Walton-on-Naze	–	67	56	bcg	bcg.od	8·4
	Southend-on-Sea	–	71	55	b	b.bc	8·7
England. S.E.	Tunbridge Wells	–	76	47	bm	b bc.o.c	10·0
	Margate	–	68	59	b	c	7·9
	Ramsgate	–	67	57	b	b	9·1
	Folkestone	–	72	60	b	b.o.c	9·4
	Hythe						
	Littlestone	*	*	*	*	*	9·7
	Hastings	–	75	57	b	b	10·7
	Bexhill-on-Sea	–	72	59	b	b	10·9
	Eastbourne	–	72	53	b	bg	10·8
	Seaford	–	77	54	b	b	11·2
	Brighton	–	80	55	b	b.bc.c	11·2
	Worthing	–	77	52	b	b	11·1
	Littlehampton	–	73	54	b	b	10·5
	Bognor	–	72	56	b	b	10·0
	Southsea	–	76	54	b	bc.c	10·8
	Ryde						
	Ventnor				*	*	
	Bournemouth	–	75	50	b.bc	bc	9·4
England. S.W.	Weymouth	–	74	57	b.bc	bcg	9·0
	Exmouth	–	70	52	b	b	7·8
	Teignmouth to 9 p.m. ...	–	70	53	b	bc	5·9
	Torquay	–	71	56	bc	bc.c	6·7
	Paignton	–	70	52	b.bc	bc	6·1
	Plymouth	–	74	56	bcq	bcq	6·2
	Falmouth	–	70	60	bc	c.bc	3·3
	Penzance	–	74	60	bc	c	2·0
	Bude	–	76	51	bwg	b.bc	8·5
	Ilfracombe	–	75	57	bg	bg	10·0
	Weston-super-Mare ...	–	77	50	b	b bc	8·5

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-Day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.) ...	66	70	10·0	75	58	52	–	b	b.bc	bc.o
City (Bunhill Row)	*	*	8·7	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	65	74	9·2	78	59	55	–	b	bc.o	o
Camden Sq. (Brit. Rainfall)	56	65	8·7	79	59	53	–	b	bc	*
Hampstead (Reservoir) ...	*	71	10·2	74	56	52	–	bc	c	c
Richmond Park ...	*	*	8·7							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	72	79	9·5							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1322 Joules	27·5 Milliwatts.	49·0 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	°F.	F.	°F.				Hr.
Dublin to 4 p.m.	–	67	55	53	b o	o	c b	*
Darwen to 9 p.m.	–	67	55	49	bcmw	bc	bc.o	7·6
Manchester ,,	–	70	54	*	b bc	bc.b	b bc.c	9·7
Birmingham ,,	–	69	57	47	*	bg	bc.o	4·9
Oxford to 8 p.m.	*	75	49	41	b bmw	b	b.bc	*
S. Kensington (Museum Grounds to 6 p.m.)	–	74	56	45	b	bc	bc.o	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

5th & 6th Sept., 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.11 / 5.12	11.52 / 11.51	6.31 / 6.30
Greenwich	5.20 / 5.21	11.59 / 11.58	6.37 / 6.35
Wick	5.21 / 5.23	12.11 / 12.10	7.0 / 6.57
Valencia	6.9 / 6.7	12.50 / 12.49	7.19 / 7.17

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 75° and upwards at several of our southern stations. In the north and east of Scotland it scarcely touched 60°. Between 10 and 11 hours of bright sunshine were recorded on the south-east coast of England, but in most other localities the duration was smaller than of late. Thunderstorms occurred last night or early this morning at Newquay and 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; 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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday, 6th September, 1914.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp. °F	Wind. Direc.	Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Change in 3 hours.†	Temp. Dry Bulb. °F	Change in 24 hours. °F	Wind. Direc.	Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F	Min. °F	Weather. Morning.	Afternoon.	Night.	Sunshine for Yesterday. Hours.
BRITISH ISLANDS.	Deerness ...	1025·4	53	SE	3	b	1024·5	*	55	+3	SE	1	–	b	1	–	57	48	b	b	b	10·0
	Lerwick ...	1026·2	54	SSW	2	b	1024·8	0	51	+3	SSW	1	–	b	1	–	56	47	bc	bc	bw	*
	Stornoway ...	1024·8	59	–	0	c	1024·1	0	51	-2	–	0	–	m	0	0·1	62	47	b	bc·c	cm	8·0
	Castlebay (Barra Isd.)	1023·2	58	ESE	3	b	1022·8	0	57	+1	SE	3	–	om	3	–	59	53	c	c·b	b om	5·2
	Glasgow ...	1024·7	56	ENE	4	b	1025·9	+1	47	-2	E	2	–	c	*	–	61	44	o·c·bc	bc·b	b·bc	8·5
	Eskdalemuir ...	1025·1	56	E	3	c	1026·4	0	45	-4	N	1	W	bw	*	–	61	39	c	c	b	5·9
	Malin Head ...	1021·5	58	ESE	5	bc	1021·5	+1	56	+1	S	4	S	o	2	–	60	53	cmq	bcq	om	2·7
	Blacksod Point	*	*	SSE	3	bcz	*	*	*	*	S	4	*	bcm	*	*	*	*	bz	bz	bcm	*
	Valencia ...	1015·9	63	SE	2	o	1017·3	0	63	-2	E	2	–	o	3	2	63	53	opo	opo	o	0·0
	Roche's Point	1018·7	61	E	4	o	1019·9	*	62	+1	SE	4	–	o	4	1	63	60	om	opdm	d·om	*
	Birr Castle ...	1019·6	61	SE	2	o	1020·6	*	60	+4	SE	3	–	o	*	–	66	55	c·o	o	o	1·8
	Donaghadee ...	1022·2	57	E	4	bm	1022·9	+3	56	+1	SSE	4	S	czg	3	–	60	54	bcg	bm	czg	*
	Liverpool (Bidston)	1022·3	62	ESE	1	bc	1024·4	0	54	-2	ESE	2	SE	bc	2	–	65	52	o	bc	c·bc	5·9
	Holyhead ...	1021·6	63	SE	3	ogz	1022·5	0	55	-3	E	1	–	bz	1	–	61	54	c·bc·c	bc·c·o	o·bc·b	2·3
	Pembroke (St. Ann's)	1020·8	62	E	4	o	1021·6	+2	55	-3	E	3	E	bc	3	–	64	56	cg	bcq	og	3·0
	Newquay ...	1017·8	61	SE	5	o	1020·5	0	59	-1	SSE	3	SE	bc	3	–	64	57	o	o	c·bc	0·0
	Scilly (St. Mary's)	1017·8	62	ESE	1	m	1020·4	+1	60	-1	ESE	4	E	cm	4	0·2	63	58	fd	m	f·om	0·0
	Jersey (St. Aubin)	1018·5	64	NE	4	o	1020·3	*	63	0	E	3		o								
	Portland Bill ...	1019·9	63	E	3	c	1021·5	0	58	-3	NE	4	–	b	3	–	65	55	bc	bc·c	c·bc	*
	Dungeness ...	1020·5	63	NNE	4	b	1021·2	+1	60	0	NE	3	–	b	3	–	67	58	bcq	bc·b	c·b	*
	Dover	1021·5	60	NE	5	o	1022·5	+2	64	+2	NE	2	–	b	4	–	66	50	b	b	b	10·4
	Wick	1025·4	54	SSE	4	b	1024·1	-1	49	-4	WNW	1	–	bc	2	–	56	39	c·b	b	b·bcm	*
	Nairn	1024·0	60	E	1	bz	1024·9	*	47	+3	–	0	–	bm	1	–	63	38	bc·b	bz	m·bc	10·4
	Aberdeen ...	1025·4	53	SE	2	b	1026·1	0	47	-10	–	0	–	b	2	–	61	39	b·bc·b	b	b·w	6·7
	Leith	1026·1	58	E	2	b	1025·5	0	43	-9	SE	1	–	b	*	–	59	40	c·bc	bc·b	b·w	*
	Tynemouth ...	1025·3	58	ESE	2	bc	1026·7	+1	53	-3	NW	1	W	cm	2	–	61	51	bc	bc	bc	3·3
	Spurn Head ...	1024·6	59	NE	3	b	1025·4	0	62	+3	ESE	3	–	bc	4	–	66	56	bc	b	b	6·9
	Yarmouth ...	1023·2	62	ENE	3	bc	1024·6	+1	64	+4	E	3	–	b	2	–	66	56	c·bc	bc	bc·b	7·2
	Clacton-on-Sea	1022·0	63	ENE	3	bc	1023·0	0	64	+3	ENE	3	–	b	2	–	66	60	c·bc	bc	bc·b	5·2
	Nottingham ...	1023·1	60	E	3	bc	1025·0	*	49	-7	E	1	E	omw	*	–	67	43	o·c·	c·bc	bc·b	2·8
	Bath	1021·0	64	ENE	2	o	1023·0	*	51	-7	ENE	2	SE	c	*	–	69	47	g·o	og	g·o·c	10·7
	London (Kew Obsy.)	1021·5	64	E	4	b	1023·2	+2	52	-7	NE	2	E	bm	*	–	68	48	o·c	c·bc·b	b·bm	4·9
	Falmouth ...	1018·9	61	ESE	5	o	1020·3	+1	60	-1	E	4	*	o	4	–	62	59	Sunshine 0·0			
	Markree Castle	1020·0	60	ESE	3	c	1020·6	*	58	+2	SE	2	*	o	*	1	*	*	5·0			
													*		*	*	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
	Spitzbergen .	1009·0	37	S	3	o	1004·7	0	38	+1	–	0	*	o	*	–	39	34				
NORTHERN EUROPE.	Vardo	1015·5	41	N	2	b	1011·1	-3	43	0	–	0	–	b	2	*	45	39				
	Bodö	1016·3	46	SSW	1	c	1007·0	-1	46	-1	ESE	2	–	r	2	11	50	43				
	Christiansund	1021·1	50	W	3	r	1018·7	0	54	+2	W	4	–	r	4	20	54	50				
	Skudesnaes ..	1025·2	55	NW	3	c	1024·7	0	54	0	NNW	2	–	c	1	–	61	50				
	Færder (X'iania Fjord)	1021·2	61	SW	4	bc	1021·2	0	57	+2	NNW	1	W	b	1	–	61	55				
	The Scaw (Skagen)	1023·7	55	WNW	2	b	1021·6	-1	59	0	W	5	–	bc	4	–	63	54				
	Blaavands Huk	1025·0	59	N	1	b	1026·6	0	57	+4	WNW	2	N	b	1	–	63	54				
	Haparanda ...	1016·3	43	W	2	bc	1012·7	-4	45		SW	2	–	c	*	–	52	36				
	Hernösand ...	1018·6	48	S	2	b	1015·5	-3	48		SW	2	–	o	*	–	59	43				
	Stockholm ...	1020·4	52	W	2	c	1019·4	?	52		SW	2	–	o	*	–	59	46				
	Wisby	1021·1	46	N	4	b	1021·6	0	54		W	2	–	c	*	–	55	43				
	Karlstad	1020·6	57	–	0	o	1020·0	?	54		WNW	2	–	bc	*	–	63	48				
	St. Petersburg														*							
CENTRAL EUROPE.	Berlin														*							
	Frankfurt... ...														*							
	Munich														*							
	Vienna														*							
	Cuxhaven ...														*							
	The Helder ...	1023·5	64	ENE	5	b	1025·7	+1	63	+2	E	2	–	b	1	–	68	57				
	Brussels	*	*	*	*	*									*							
FRANCE.	C. Gris Nez ...												*									
	La Hève	1018·1	63	NE	3	bc	1020·6	*	60	+3	NE	2	*	c	2	–	72	55				
	Ushant												*									
	Brest (St. Mathieu)	1019·0	68	W	1	b	1020·0	+1	63	+1	SE	–	*	m	1	–	81	61				
	Rochefort (Ile d'Aix)	1018·7	69	W	3	bc	1020·6	0	67	-3	SW	2	*	c	*	–	77	64				
	Biarritz	1018·9	70	NE	3	c	1019·9	0	63	-3	SSE	2	*	b	1	–	77	61				
	Paris	1017·5	70	NE	2	o	1021·0	+2	57	-7	NNE	1	–	b	*	–	75	54				
	Belfort	1017·6	63	ENE	4	m	1022·4	*	55		ENE	4	*	m	*	–	74	51				
	Lyons							*					*		*							
	Nice	1014·7	68	–	0	b	1018·9	+3	68	0	–	0	*	c	0	–	82	61				
	Perpignan ...	1016·6	75	NW	3	c	1019·4	+1	72	+4	–	0	–	b	*	–	82	64				
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.) ...	1018·6	75	SW	4	c	1017·7	+2	63	-1	SW	1	–	o	3	1	75	61				
	Madrid (8 a.m.) ...	1015·7	79	–	0	bc	1020·3	+2	68		?	2	–	b	*	–	82	59				
	Lisbon (9 a.m.) ...	1019·7	72	WSW	4	b	1018·4	0	66	0	W	1		b	2	–	75	64				
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1014·3	*	WSW	4	o	1014·3	*	*	*	–	0	*	?	2	*	*	*				
	Madeira (Funchal)	1019·4	73	SE	1	o	1018·7	0	66	0	W	1	–	b	1	–	77	66				

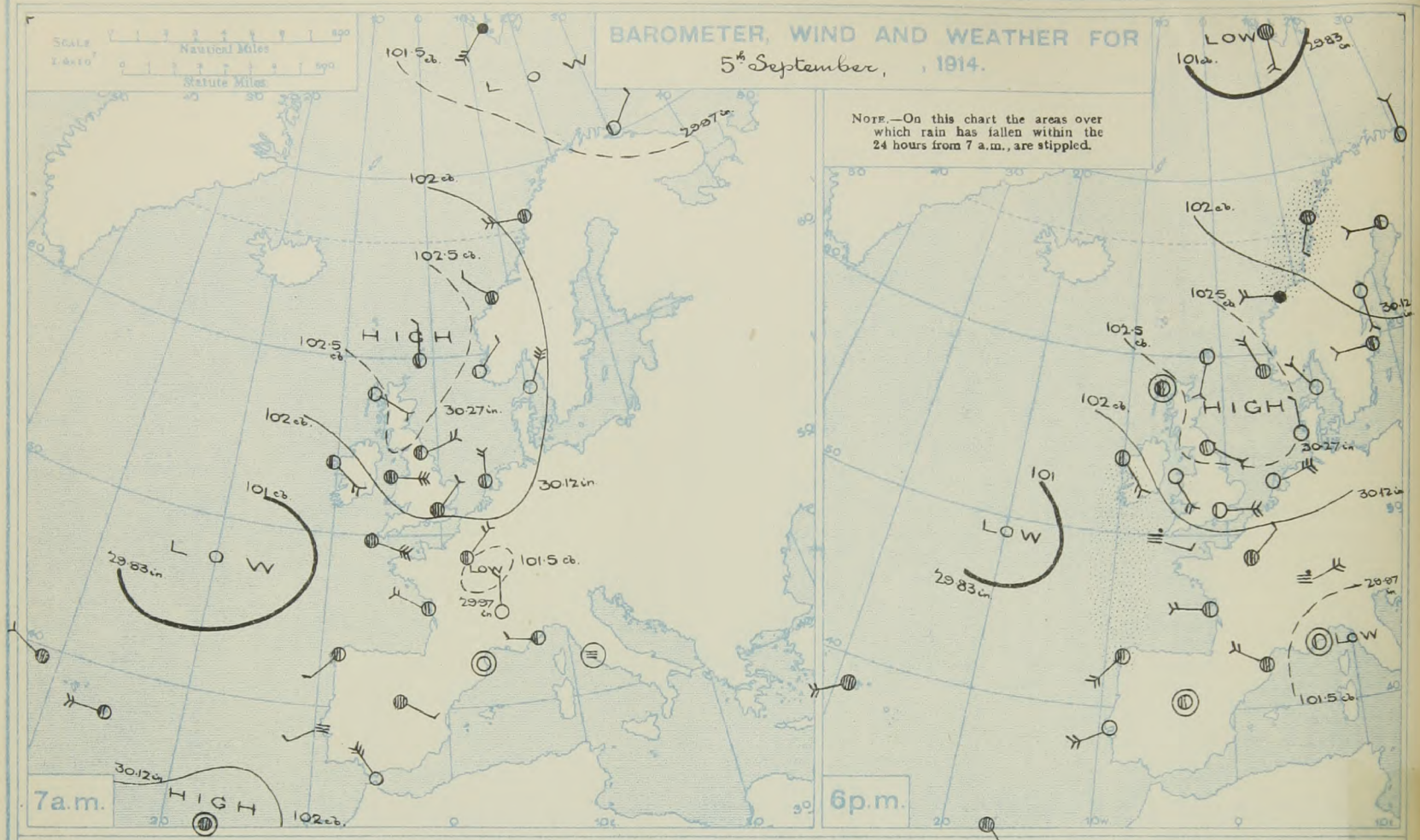
RAINFALL.

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

1 Millimetre = ·0937 inch. Rainfall amounts expressed in Millimetres may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1·6 per cent.)

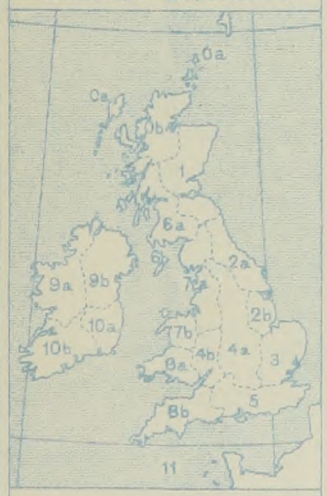
* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.



PILOT BALLOON ASCENTS for the PAST WEEK.

Component Velocities to East and to North in Metres per Second.

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

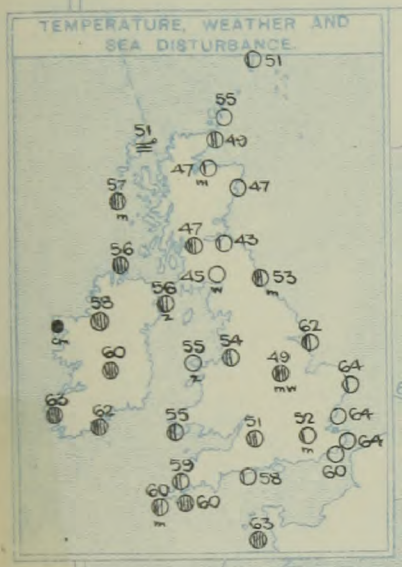
		Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.
	Station	Eskdalemuir		Falmouth		Aberdeen		S. Farnborough		Eskdalemuir		Aberdeen		S. Farnborough	
	Date & Hour.	Aug 31st.	7h.	Aug 31.	11h.	Sept 2	8h	2nd	10h	2nd	11h	3rd	8h.	3rd	10h
0 a/b	Heights in Kilometres.														
1	3					+11	−4	+4	+1						
2 a/b	2			+1	−1	+8	+1	−1	0			+1	+5	+1	+1
3	1	−1	−1	−1	+1	+2	+4	−4	+1	+4	+5	+5	−2	+1	−3
4 a/b	0·5	−2	−3	−2	−1	−5	+5	−4	+1	+4	+3	+9	−6	−1	0
5	0	−1	−1	−2	+3	−1	+1	−1	+1	+4	+4	+2	0	0	0
	Station	Falmouth		Aberdeen		S. Farnborough		Aberdeen		S. Farnborough					
	Date & Hour.	3rd	11h.	4th	8h	3rd.	18h.	5th	8h.	4th	16h				
6 a/b	9					+11	−5								
7 a/b	8					+7	−3								
	7					+5	0								
8 a/b	6					+5	−3								
	5					+3	−2			0	+4				
9 a/b	4					+3	−2			+2	+3				
	3					+4	−1			0	+3				
10 a/b	2					+1	−2			−2	+1				
	1	−7	+1	0	−9	−1	0	−3	+1	−9	−2				
11	0·5	−5	0	−1	−4	−1	−3	−3	0	−8	−1				
	0	−1	0	0	−1	0	−3	+1	−1	−5	−1				

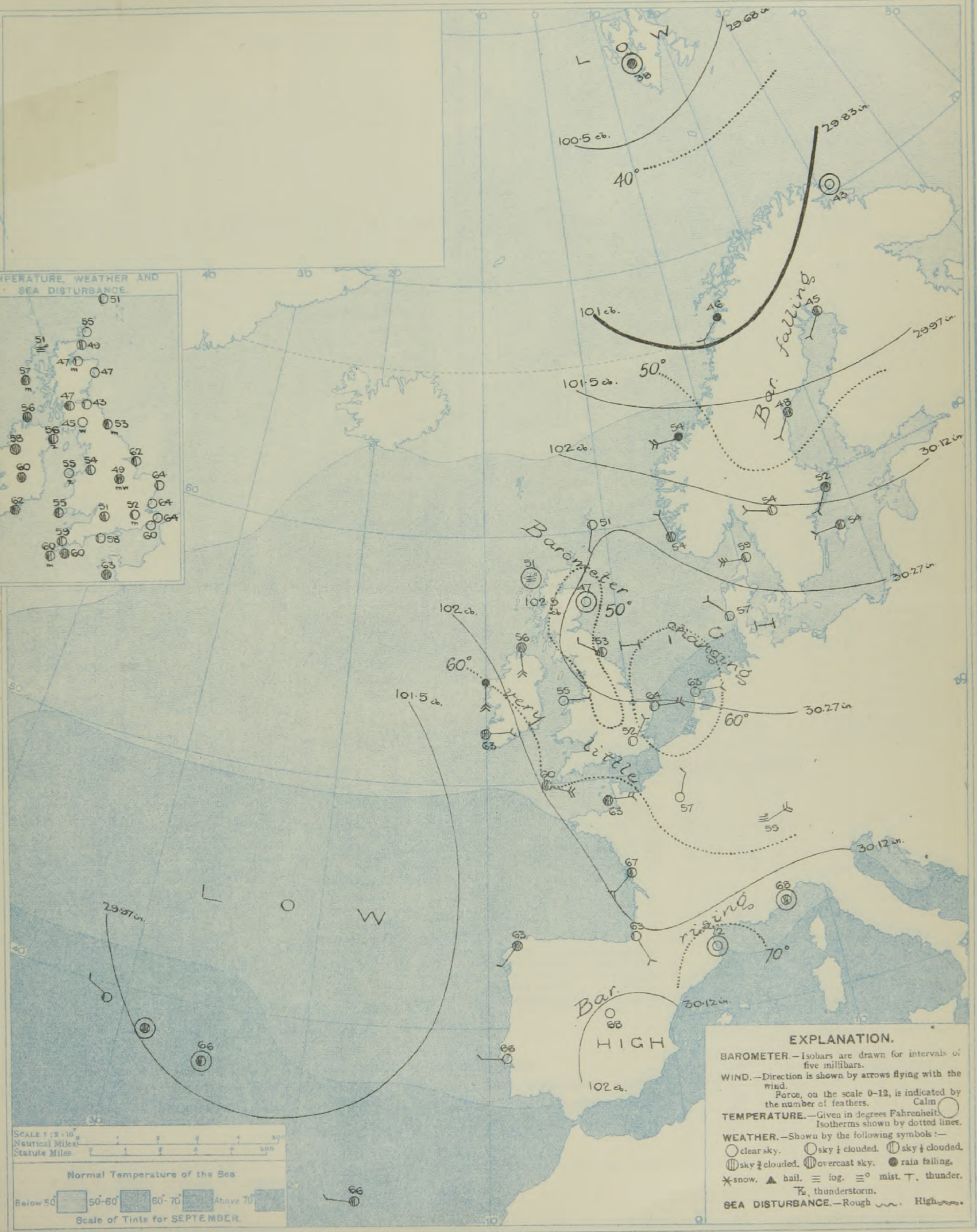
FURTHER OUTLOOK.

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

W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Sunday, 6th SEPTEMBER, 1914.





Inches
31
30
29

SCALE 1 : 2 × 10⁶
Nautical Miles
Statute Miles

Normal Temperature of the Sea
Below 50° | 50°-60° | 60°-70° | Above 70°
Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤ thunder.
⊼ thunderstorm.

SEA DISTURBANCE.—Rough ∿∿. High ∿∿.

DAILY WEATHER REPORT. Sunday, 6th. September, 1914.

REPORTS FOR YESTERDAY, 5th September.

STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 a.m., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
		°F.					‡	F.	°F							°F.	°F.
The Skaw (Skagen)	.	.	.	.	.	1021·2	+7	57	-2	NE	6	–	b	5	–	63	55
Sanguinaire ...	*	76	N	1	b	*	*	72	-1	N	1	*	b	1	–	77	64
Corunna ...	10159	71	SW	5	c	1017·6	+1	64	-2	SW	1	W	c	1	1	75	63
Madrid ...	10144	77	SW	3	b	1014·4	+2	77	+11	SW	3	–	b	*	–	79	55
Lisbon ...	1019·1	70	WSW	5	b	1019·3	+1	66	-2	WSW	1	–	f	5	–	73	66
Rome ...	1018·6	72	–	0	b	1017·3	-1	64		E	1	–	f	*	–	82	64
Madeira (Funchal) ...	1020·7	73	–	0	0	1020·3	0	66	0	..	0	–	0	0	–	75	68

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
	Banff	–	60	39	bc.b	b	9·3
	Stonehaven						
	Carnoustie	–	60	43	*	*	5·5
	St. Andrews				*	*	
Eng., N.E.	Harrogate	–	61	50	c.bc	c	2·7
	Scarborough	*					
	Skegness	–	64	57	b	bc	6·4
Eng., N.W.	Douglas (I. of M.) ...						
	Morecambe	–	63	53	bc	bc	7·1
	Blackpool	–	65	54	c	bc	6·1
	Southport	–	65	55	c.bc.c	c.bc	4·9
Midlands.	Buxton	–	61	50	bc	bc	1·2
	Leamington Spa	–	66	56	c.b	c.b.bc	2·0
	Malvern	–	64	55	o.c	c.bc	7·0
	Ross-on-Wye	–	64	56	o	o.c	0·3
Wales.	Rhyl	–	65	57	o.bc	c	5·0
	Colwyn Bay						
	Llandudno						
	Bettws-y-Coed						
	Aberystwyth	–	66	56	o.c.b	bc.c	9·0
	Tenby	–	68	59	b.bc	bc.o	1·7
	Swansea	–	69	58	bc	o	3·0
England, E.	Cromer	–	65	57	o.c.bc.b	b	7·3
	Lowestoft						
	Felixstowe	–	66	60	c	bc	6·4
	Walton-on-Naze	–	64	60	o.c	bc	5·2
	Southend-on-Sea	–	68	60	o.bc	bc.b.bc	3·8
England, S.E.	Tunbridge Wells	–	70	58	om.b	b	9·0
	Margate	–	68	61	b	b	8·2
	Ramsgate	–	66	60	b	b	9·2
	Folkestone	–	65	61	b.o.c	bc.b	8·1
	Hythe						
	Littlestone	*	*	*	*	*	9·4
	Hastings	–	66	59	bc.b	b	9·3
	Bexhill-on-Sea	–	67	59	b	b	9·3
	Eastbourne	–	67	60	b	b	9·8
	Seaford	–	70	58	b	b	10·5
	Brighton	–	73	60	b.bc.c	bc	9·7
	Worthing	–	72	58	b	b	9·3
	Littlehampton	–	71	56	*	*	8·6
	Bognor	–	69	57	b	b	7·8
	Southsea						
	Ryde						
	Ventnor						
	Bournemouth	–	70	56	c.b.bc	c	7·7
England, S.W.	Weymouth	–	69	58	b.bc	bc	6·4
	Exmouth						
	Teignmouth to 9 p.m. ...	–	64	61	o	o	0·0
	Torquay	1	64	57	o	o	0·0
	Paignton	1	64	60	o	o	0·0
	Plymouth to 9 p.m. ...	3	66	59	bc	or.oq	0·0
	Falmouth	1	62	60	oq	o	0·0
	Penzance	–	63	61	o	q	0·0
	Bude	–	66	58	bc.o	c	0·2
	Ilfracombe	–	65	59	o	o	0·5
	Weston-super-Mare ...						

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. Today.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-Day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.) ...	68	64	11·4	70	47	36	–	bc	bcm	bcm
City (Bunhill Row)	*	*	3·4	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	65	73	3·7	68	51	44	–	bc	bc	b
Camden Sq. (Brit. Rainfall)	52	66	11·4	72	49	44	–	o	o.cbc	*
Hampstead (Reservoir) ...	*	66	4·5	65	51	45	–	bc	bc	bc
Richmond Park ...	*	*	5·5							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	70	44	4·2							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
836 Joules	17·5 Milliwatts.	61·0 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	°F.	F.	°F.				Hr.
Dublin to 4 p.m.	–	64	57	57	b.ol	o.c	c.b	*
Darwen to 9 p.m.	–	62	52	51	o.bc	bc	bc	6·5
Manchester ,,	–	66	55		c	c.o	o.bc.b	1·7
Birmingham ,,	–	64	55	52	*	o	c	0·8
Oxford to 8 p.m.	*	65	56	46	c.bcy.o	o	o.c	*
S. Kensington (Museum Grounds to 6 p.m.)	–	67	59	56	o	o.c	bc	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

6th & 7th Sept., 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.17 / 5.14	11.51 / 11.51	6.30 / 6.28
Greenwich	5.21 / 5.23	11.56 / 11.58	6.35 / 6.33
Wick	5.23 / 5.24	12.10 / 12.10	6.57 / 6.54
Valencia	6.1 / 6.3	12.39 / 12.39	7.17 / 7.18

NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 70° only on the Sussex coast. The weather varied from dull to fine, there being little or no sunshine in the south-west of England, while Dover and Nairn had more than 10 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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday, 7th September, 1914.

DATE.	STATIONS.	YESTERDAY EVENING. Baron. Millibars at M.S.L.	Temp. °F	Wind Direc.	Wind Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars as M.S.L.	Barometer. Change in 3 hours.‡	Temp. Dry Bulb. °F	Temp. Change in 24 hours. °F	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday. Hours.
BRITISH ISLANDS.	Deerness ...	1022·7	55	SSE	2	b	1020·6	*	54	-1	SSE	1	W	b	0	-	63	49	b bc b	b	bwm b	10·8
	Lerwick ...	1022·8	54	WSW	3	bc	1020·6	-7	55	+4	SW	1	W	bc	1	-	55	50	b	bc	bcw	*
	Stornoway ...	1022·2	61	SW	2	bc	1020·5	-1	53	+2	-	0	-	oz	0	-	62	48	c·o·b·	b·bc	b·oz	5·8
	Castlebay (Barraisd.)	1021·5	59	E	3	cm	1019·2	0	57	0	E	3	-	bcm	3	-	60	55	om	o·cm	c·obcm	2·0
	Glasgow ...	1022·6	60	ENE	2	b	1021·1	-1	50	+3	E	1	-	me	*	trace	64	46	c·b	c·bz	bme	8·4
	Eskdalemuir ...	1022·4	62	-	0	b	1021·6	0	49	+4	N	1		c	*	-	65	44	b·m	d.c.b.	c	11·0
	Malin Head ...	1020·7	63	SE	2	0	1018·6	-2	55	-1	SSE	3	S	bc	1	-	64	53	cm	cgm	bcm	1·0
	Blacksod Point	*	*	S	3	c	*	*	*	*	S	3	x	omr	3	*	*	*	o·c	o·c·	cm·omr	*
	Valencia ...	1015·9	64	ESE	4	0	1013·2	-1	64	+1	SE	3	SW	mp	3	16	68	61	c	c	or	1·9
	Roche's Point	1019·1	61	SE	4	0	1018·0	*	62	0	SE	4	-	0	4	15	63	61	om	om	o b r o	*
	Birr Castle ...	1019·6	64	SE	1	c	1017·0	*	58	-2	SE	1		r	*	3	69	57	c	c	c or	4·4
	Donaghadee ...	1021·7	59	SE	3	bcz	1019·0	-1	57	+1	SE	1	-	f	1	-	62	54	bcz	bcz	bcz f	*
	Liverpool (Bidston)	1021·3	65	SE	1	b	1020·3	0	54	0	ESE	2	E	b	2	-	70	53	b	b	bc	8·9
	Holyhead ...	1021·0	62	WNW	3	cz	1019·6	0	57	+2	E	1	-	cm	0	-	67	55	c·bc·b.	c·bc·cz	bbc cw	8·8
	Pembroke (St. Ann's)	1020·2	62	ESE	2	c	1017·6	-2	60	+5	E	4	SE	cm	3	-	66	57	bc	bc	c	8·6
	Newquay ...	1018·9	63	SE	2	b	1015·4	-2	64	+5	SE	3	SE	c	2	-	67	56	bcz	bz	b	7·4
	Scilly (St. Mary's)	1018·7	60	SSE	3	fe	1014·2	-2	61	+1	ESE	4	S	cm	4	1	68	58	cm·bcm	fe	fe·omp	3·2
	Jersey (St. Aubin)	1019·8	70	E	1	bz	1017·6	*	66	+3	E	1		cz								
	Portland Bill ...	1020·7	62	ENE	3	b	1018·2	-1	63	+5	ENE	3	E	bc	3	-	65	58	bc	b	b·bc	*
	Dungeness ...	1020·8	66	NE	3	b	1019·5	-1	57	-3	-	0	-	b	0	-	69	52	b	b	bcbz	*
	Dover	1021·9	62	N	2	b	1018·7	0	64	0	NW	1	-	bm	0	-	71	62	b	b	bzw	12·0
	Wick	1022·6	56	S	2	b	1020·7	-1	50	+1	-	0	-	m	2	-	58	42	bc	bc·b.	bm·bz	*
	Nairn	1022·0	61	E	1	bc	1021·4	*	47	0	-	0	-	bcm	1	-	66	42	b	b	m bcw	11·0
	Aberdeen ...	1023·3	57	S	3	b	1021·6	-1	45	-2	-	0	SW	bz	2	-	63	40	b	b	bzw	11·8
	Leith	1023·2	61	NNE	2	b	1021·8	-1	52	+9	E	1	-	me	*	-	61	43	b	b	bc	*
	Tynemouth ...	1023·8	59	SE	4	b	1022·3	0	54	+1	SSE	1	-	bm	2	-	64	51	b	b	b	7·8
	Spurn Head ...	1023·6	62	E	4	b	1021·4	+1	61	-1	SE	2	-	bc	4	trace	67	56	bc	c	c	11·0
	Yarmouth ...	1023·4	64	E	3	b	1020·4	0	65	+1	E	1	E	bc	1	-	69	56	b	b	b bc	11·8
	Clacton-on-Sea	1022·2	66	ENE	3	b	1020·0	-1	61	-3	NNE	1	-	bc	0	-	68	51	b	b bc	be bmw	11·1
	Nottingham ...	1021·9	65	E	3	b	1021·5	*	51	+2	E	1	E	omr	*	-	75	43	om c b.	b	b	8·7
	Bath	1020·3	71	S	1	b	1019·6	*	54	+3	E	3	E	bc	*	-	75	50	c bc b.	bc b.	a bc	10·1
	London (Kew Obsy.)	1021·2	67	E	3	b	1020·3	-1	54	+2	NE	1	-	fw	*	-	73	50	bm bc	bc b.	bfw	9·5
	Falmouth ...	1019·8	62	ESE	2	0	1016·1	-1	62	+2	E	4	*	bc	4	-	66	60				1·2
	Markree Castle ...	1020·6	63	S	3	c	1017·3	*	57	-1	-	0	*	o	*	-	*	*				
													*		*	*	*	*				
													*		*	*	*	*				
	Spitzbergen ...	1002·0	35	SE	3	b	1004·3	0	36	-2	N	2	*	b	*	*	43	32				
NORTHERN EUROPE.	Vardö	9998	45	S	4	b	9946	-1	?	?	-	0	?	?	1	*	45	37				
	Bodö	1005·5	48	W	6	c	1007·0	0	45	-1	W	6	W	c	4	19	52	43				
	Christiansund	1019·0	55	W	5	0	1016·4	0	55	+1	W	4	-	o	4	3	55	54				
	Skudesnaes ..	1024·2	55	NNW	2	b	1022·0	-1	59	+5	W	3	-	c	2	-	61	50				
	Færdet (X'tania Fjord)	1020·0	63	SW	2	b	1016·4	0	59	+2	NNE	2	-	o	1	-	63	57				
	The Scaw (Skagen)	1021·7	59	W	2	bc	1018·7	-1	57	-2	W	6	-	c	4	-	66	55				
	Blaavands Huk	1025·9	59	NW	1	b	1024·8	0	59	+2	W	1	-	b	1	-	64	55				
	Haparanda ...														*							
	Hernösand ...														*							
	Stockholm ...														*							
	Wisby														*							
	Karlstad														*							
	St. Petersburg														*							
CENTRAL EUROPE.	Berlin														*							
	Frankfurt... ...														*							
	Munich														*							
	Vienna														*							
	Cuxhaven ...														*							
	The Helder ...	1023·9	66	ME	1	b	1022·1	0	63	0	SE	2	-	b	1	-	70	59				
	Brussels	*	*	*	*	*									*							
FRANCE.	C. Gris Nez ...												*									
	La Hève	1020·8	67	NE	2	b	1019·9	*	63	+3	E	2	*	m	1	-	73	57				
	Ushant							*					*									
	Brest (St. Mathieu)	1019·7	66	-	0	b	1016·2	0	64	+1	ESE	2	*	o	2	-	81	63				
	Rochefort (Ile d'Aix)	1018·9	69	NW	2	b	1014·6	-3	66	-1*	ESE	4	*	c	*	-	79	63				
	Biarritz	1016·7	77	E	3	b	1012·6	0	70	+7	ESE	2	*	bc	2	-	84	64				
	Paris	1020·0	68	NE	1	b	1019·9	0	61	+4	ENE	1	-	b	*	-	77	57				
	Belfort	1022·3	65	NE	2	m	1023·5	*	59	+4	ENE	4	*	m	*	-	72	52				
	Lyons †	1020·4	70	N	1	b	1021·9	*	63		SSE	1	*	b	*	-	78	58				
	Nice	1019·9	66	NE	2	c	1021·7	0	73	+5	E	1	*	b	0	-	79	63				
	Perpignan ...	1019·3	73	S	1	b	1019·7	+1	66	-6	-	0		o	*	-	82	61				
	Sanguinaire ...	*	73	N	2	b	*	*	73		E	3	*	b	2	-	82	68				
SOUTHERN EUROPE.	Corunna (7 a.m.)...														*							
	Madrid (8 a.m.) ...																					
	Lisbon (9 a.m.) ...																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)		*				1020·6	*	*	*	NW	3	*	bc	2	*	*	*				
	Madeira (Funchal)	1018·1	75	S	1	0	1019·3	#1	68	+2	NW	1	-	b	1	-	77	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

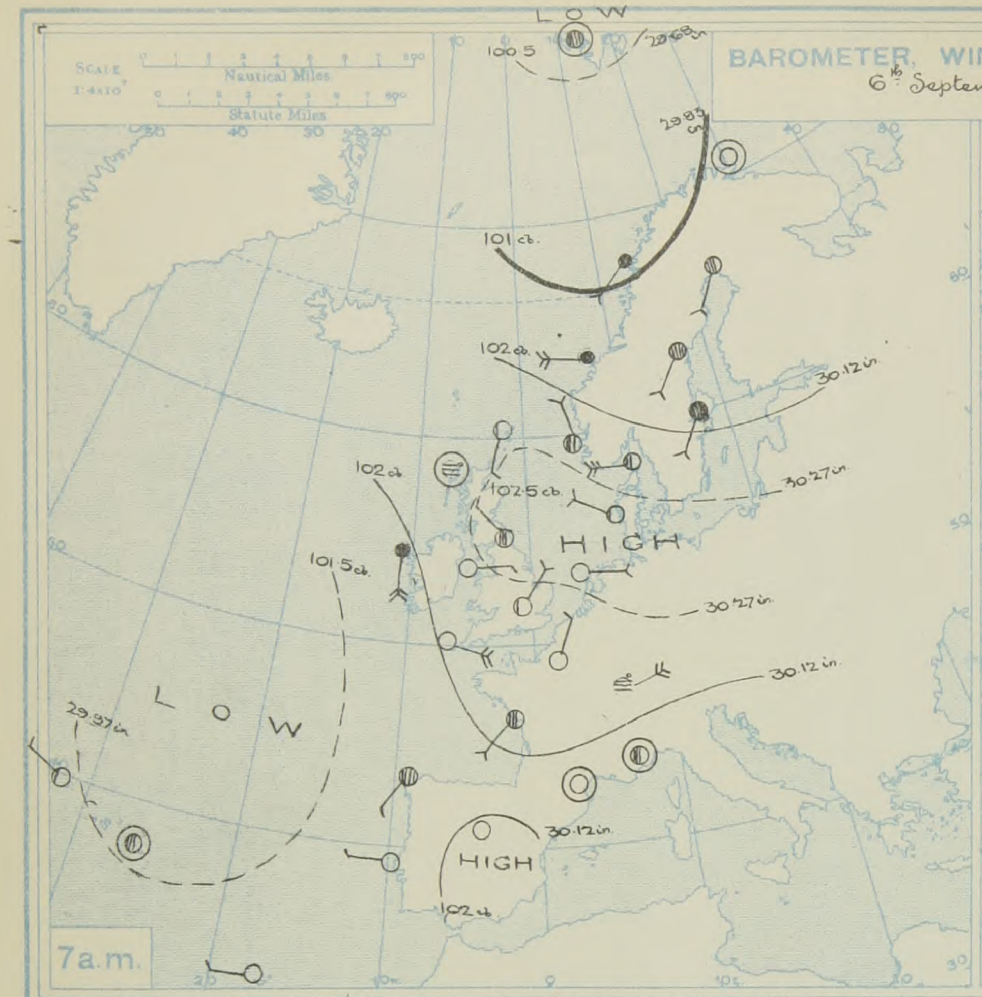
1 Millimetre = ·03937 inch. Rainfall amounts expressed in Millimetres may therefore be converted approximately to Hundredths Inch by multiplying by 4. (Error 1·6 per cent.)

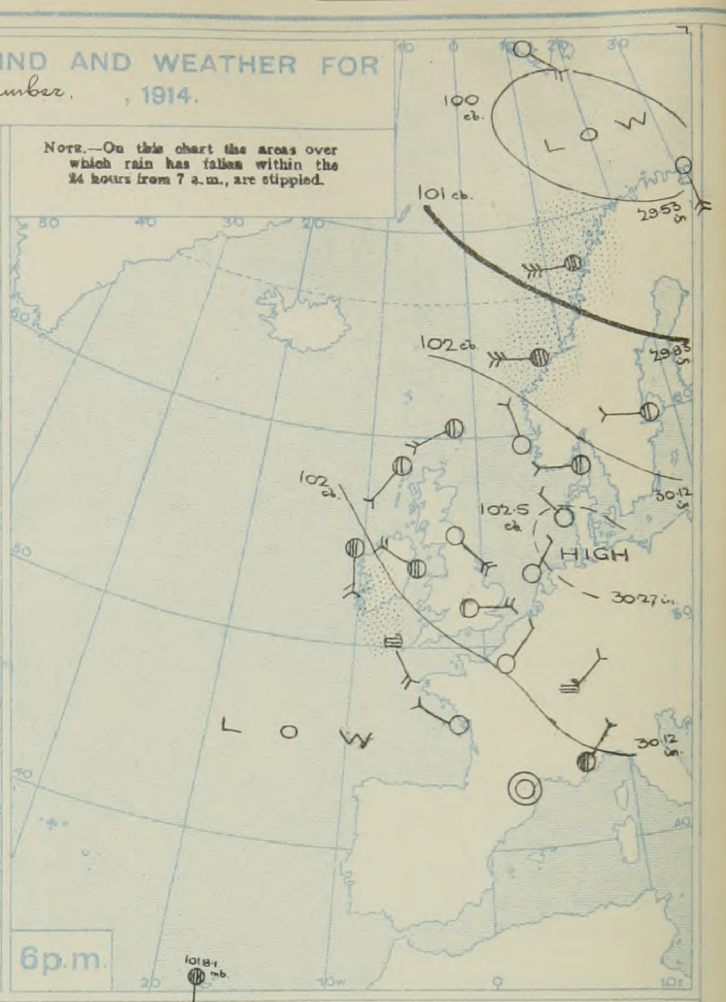
* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-mi...

BAROMETER, WIND AND WEATHER FOR 6th September, 1914.

Scale 1:4410 — Nautical Miles / Statute Miles

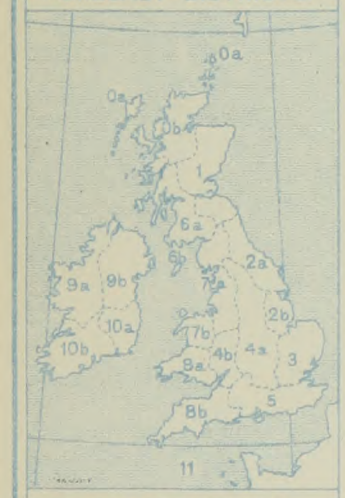
Note.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.





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.

No Warnings Issued.

0 (a, b), 1 — Variable breezes, finally South-Easterly; fair generally, but misty or foggy on coast; rather cool.

2 (a, b), 3, 4 (a, b) — Light to moderate Easterly and South-Easterly winds; fine generally; high midday temperature, cool night.

5 — Light to fresh Easterly winds; fine generally; high midday temperature, cool night.

6 (a, b), 7 (a, b), 8 (a, b) — Light to moderate Easterly and South-Easterly winds; fair to-day, some rain to-morrow, mist or fog locally on coast; moderate temperature.

9 (a, b), 10 (a, b) — Freshening Southerly and South-Easterly winds; dull, misty, occasional rain; moderate temperature.

Western Channel and Bay. 11 — Freshening South-Easterly winds mouth Channel, with some rain and a rather rough sea; moderate Southerly wind Bay, with showery weather and a moderate sea; normal temperature.

FURTHER OUTLOOK.

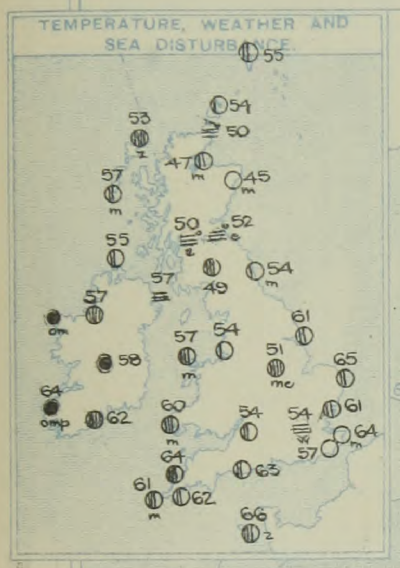
R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Monday, 7th SEPTEMBER, 1914.

GENERAL INFERENCE.

A large shallow area of low pressure which lies to the south-westward of our islands is likely to spread eastward, and to occasion rain in most of our western districts. Elsewhere the conditions will remain anticyclonic for the present.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



100 cb.
99.5 cb.
100.5 cb.
L O W
29.38 in.
29.53 in.
101 cb.
29.68 in.
101.5 cb.
50°
Steady
29.83 in.
102 cb.
Bar
29.97 in.
Barometer
50°
102 cb.
30.12 in.
101.5 cb.
very
60°
slight
changes
60°
101.5 cb.
L O W
102 cb.
1020.6 mb
H I G H
29.97 in.
30.12 in.
60°
70°
29.97 in.

SCALE 1 : 2 × 10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⊤, thunderstorm.

SEA DISTURBANCE.—Rough ~~. High ≈≈.

DAILY WEATHER REPORT. Monday, 7th September, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			mb.	‡		(0–12).	

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			mb.	‡		(0–12).	

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
Scotland.	Banff	–	66	42	b	b	11·8
Scotland.	Stonehaven						
Scotland.	Carnoustie	–	61	43	*	*	11·5
Scotland.	St. Andrews				*	*	
Eng. N.E.	Harrogate	–	70	43	b	b	11·3
Eng. N.E.	Scarborough	*	65	54	c.b.	c.b.	10·0
Eng. N.E.	Skegness	–	68	59	b	b	11·4
Eng. N.W.	Douglas (I. of M.)						
Eng. N.W.	Morecambe	–	71	55	b	b.bc.	9·1
Eng. N.W.	Blackpool	–	74	50			9·5
Eng. N.W.	Southport	–	72	49	b	b	9·5
Midlands.	Buxton	–	69	40	bc	b.	9·1
Midlands.	Leamington Spa	–	74	46	b	b	8·5
Midlands.	Malvern	–	73	49	bc.b.	b.bc.	8·5
Midlands.	Ross-on-Wye	–	72	43	b	b	11·2
Wales.	Rhyl	–	70	49	b	bc	10·8
Wales.	Colwyn Bay	–	71	50	b	b	10·5
Wales.	Llandudno						
Wales.	Bettws-y-Coed						
Wales.	Aberystwyth	–	73	56	c.b	c.bc.	10·5
Wales.	Tenby						
Wales.	Swansea	–	70	55			8·9
England. E.	Cromer	–	67	57	b	b	11·9
England. E.	Lowestoft						
England. E.	Felixstowe	–	67	57	bc	bc	11·7
England. E.	Walton-on-Naze	–	66	61	b	b	11·5
England. E.	Southend-on-Sea	–	71	52	b	b	10·7

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
England. S.E.	Tunbridge Wells	–	76	46	z.b. b	bz b	11·7
England. S.E.	Margate	–	68	60			10·5
England. S.E.	Ramsgate						
England. S.E.	Folkestone	–	70	58	bbc	bc	11·1
England. S.E.	Hythe						
England. S.E.	Littlestone	*	*	*	*	*	10·7
England. S.E.	Hastings	–	73	53	b	b	11·8
England. S.E.	Bexhill-on-Sea	–	68	54	b	b	10·9
England. S.E.	Eastbourne	–	64	52	b	b.bc.b.	9·8
England. S.E.	Seaford						
England. S.E.	Brighton	–	73	53	bc	bc.b.	10·4
England. S.E.	Worthing	–	72	54	b	b	11·9
England. S.E.	Littlehampton	–	67	51	b	b	10·8
England. S.E.	Bognor	–	70	52	b	b	10·8
England. S.E.	Southsea	–	71	54	b	b	11·0
England. S.E.	Ryde						
England. S.E.	Ventnor						
England. S.E.	Bournemouth	–	72	49	b	b	11·3
England. S.W.	Weymouth	–	70	53	y.bc.b	b.bcg	10·0
England. S.W.	Exmouth						
England. S.W.	Teignmouth to 9 p.m.	3	67	57	b	b	9·4
England. S.W.	Torquay	2	68	58	b	b	9·7
England. S.W.	Paignton						
England. S.W.	Plymouth						
England. S.W.	Falmouth	–	66	60	o	c	1·2
England. S.W.	Penzance						
England. S.W.	Bude	–	73	54	b	b	9·7
England. S.W.	Ilfracombe	–	68	57	b	bg	10·0
England. S.W.	Weston-super-Mare	–	74	51	b	b	10·5

LONDON OBSERVATIONS.

Stations.	Humidity. 8 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-Day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	42	84	11·1	76	48	40	–	b	b	bm.fb
City (Bunhill Row)	*	*	8·6	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	45	78	9·6	74	55	43	–	b	b	bm.b
Camden Sq. (Brit. Rainfall)	–	80	8·4	76	51	46	–	–	–	–
Hampstead (Reservoir)	*	74	10·9	71	53	49	–	bc	bc	bm
Richmond Park	*	*	9·1							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	–	?	9·8							

Vertical Component of Solar Radiation per square centimetre during Yesterday.		
Total.	Average Rate.	Max. Rate.
1390 Joules	29·2 Milliwatts.	63·0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	°F.	°F.	°F.				Hr.
Dublin to 4 p.m.	–	67	51	56	c.b	c.b	b	*
Darwen to 9 p.m.								
Manchester ,,				*				
Birmingham ,,	–	73	48	39		ob.	bc	7·6
Oxford to 8 p.m.	*	75	45	39	bm	am.b	b	*
S. Kensington (Museum Grounds to 6 p.m.)	–	74	51	41	bz.b	bz.b	b.	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

7th & 8th Sept., 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·14	11·51	6·28
	5·16	11·51	6·26
Greenwich	5·23	11·58	6·33
	5·25	11·58	6·31
Wick	5·26	12·10	6·54
	5·28	12·10	6·51
Valencia	6·3	12·39	7·15
	6·5	12·39	7·13

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 70° and upwards at most of the English and Welsh stations to 75° at Bath and Nottingham, and to 76° at Tunbridge Wells. The amount of bright sunshine was as a rule very large. A considerable fall of rain occurred in the south of Ireland during the night.

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.

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§ 1 mm. is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday, 8th September 1914.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp. °F	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F	Temp. Change in 24 hours. °F	Wind Direc.	Wind Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday. Hours.
BRITISH ISLANDS.	Deerness ...	1019·3	52	SE	2	f	1017·9	*	54	0	S	3	–	oz	3	–	60	50	bf	f.bcf	f.o	6·5
	Lerwick ...	1020·2	51	W	2	bc	1019·7	+1	53	-2	S	2	S	cm	1	–	61	51	bc	bc	bcf	*
	Stornoway ...	1018·1	60	E	1	bz	1015·4	-1	56	+3	NE	1	–	c	1	–	65	52	oz b	bz	c	8·0
	Castlebay (Barra Isd.)	1016·8	61	E	3	om	1013·6	-1	60	+3	ENE	3	–	om	3	0·1	63	57	bcm	c.om	opc.om	7·2
	Glasgow ...	1017·4	64	ENE	2	bc	1016·1	-2	52	+2	NE	3	SW	bcm	*	–	67	49	m.c.bcz.b	bcz	bc.c.om	5·7
	Eskdalemuir ...	1017·6	64	E	3	c	1016·8	0	48	-1	N	3	–	bwz	*	–	70	46	c.bc	bc.c	cz	9·3
	Malin Head ...	1015·8	60	ESE	4	m	1012·7	-1	57	+2	E	4	–	m	2	–	62	55	z	cgm	bcm	0·0
	Blacksod Point	*	*	SSE	2	om	*	*	*	*	S	3	*	omp	2	*	*	*	omp	ome.m	om.omp	
	Valencia ...	1009·8	65	E	4	o	1005·1	-3	63	-1	–	0	–	op	3	10	66	61	omp	or	op	* 0·0
	Roche's Point	1012·2	63	E	3	r	1004·2	*	62	0	ESE	3	N	r	3	22	64	61	d.om	or	r.thr.m.	*
	Birr Castle ...	1013·2	67	SE	1	c	1007·5	*	59	+1	NE	3	NE	c	*	0·2	69	57	od	o.c	c	0·3
	Donaghadee ...	1016·4	60	SE	2	bcz	1012·6	-2	56	-1	NNE	2	N	bcm	1	–	63	55	bcz	bcz	bcz.cm	*
	Liverpool (Bidston)	1016·0	58	ESE	2	b	1011·4	-2	59	+5	E	4	E	bc	3	–	72	54	bc	bc	cm	7·0
	Holyhead ...	1014·4	66	ENE	2	bcm	1009·5	-3	62	+5	E	4	E	bcm	3	–	76	58	bcm	bcm	bcm	7·5
	Pembroke (St. Ann's)	1012·6	65	E	2	c	1005·8	-3	63	+3	ESE	6	E	cmp	5	3	69	60	cm	bcm	wh.cm	6·3
	Newquay ...	1011·2	67	SE	2	cw	1006·9	+4	58	-6	SE	5	–	o	3	15	70	57	bc	o	c.o.thr	1·5
	Scilly (St. Mary's)	1010·2	62	E	4	cqp	1005·1	-2	59	-2	SE	5	S	cqp	5	23	66	56	cmp	cmqp	cqp.thr	0·3
	Jersey (St. Aubin)	1012·7	74	ENE	3	o	1011·5	*	62	-4	SW	3		c					–	–		
	Portland Bill ...	1014·1	65	E	4	c	1010·2	+3	62	-1	SSW	4	–	b	3	3	68	60	bc	bc	c.bcp	
	Dungeness ...	1015·9	67	NE	3	bc	1012·0	+1	65	+8	S	3	S	c	3	–	71	56	bc	bc	bc.c	*
	Dover	1016·9	66	NNE	1	bcz	1013·0	-1	65	+1	SE	2	SE	bc	?	–	77	59	b	b.bc	z.bc.	* 10·1
	Wick	1019·3	51	ENE	2	f	1017·4	+1	54	+4	SSE	3	–	m	3	0·2	58	49	bz.bm	bm.z.fe	fe.om	
	Nairn	1017·8	58	E	1	bcm	1017·1	*	54	+7	–	0	–	m	1	0·1	62	45	bc.b	bz	m	* 9·4
	Aberdeen ...	1018·9	59	SSE	2	b	1018·3	0	57	+12	SSE	1	–	o	2	–	64	45	bz	bz	bz.o	9·0
	Leith	1019·5	58	ENE	1	bc	1017·5	0	54	+2	E	1	E	c	*	–	60	?	c.bc.b.	bc	b	*
	Tynemouth ...	1019·2	59	SE	2	bc	1016·6	+1	58	+4	E	2	SE	om	3	–	63	53	bm	cm	cm	9·1
	Spurn Head ...	1018·6	62	ESE	3	b	1014·6	?	62	+1	ESE	4	SE	cw	3	–	67	59	bc	b	bc	10·7
	Yarmouth ...	1017·8	66	E	2	bm	1014·2	0	66	+1	E	3	E	bc	2	–	70	60	bcm	bcm	bc	9·8
	Clacton-on-Sea	1016·8	67	ENE	2	bcz	1012·2	-2	67	+6	ESE	3	SE	bcz	2	–	71	60	bcz	bcz	bcz	9·6
	Nottingham ...	1016·4	70	E	1	bc	1012·7	*	61	+10	NE	3	–	b	*	–	75	51	om.c.b.	b.bc	bc.b.	7·2
	Bath	1014·5	74	SE	1	m	1010·1	*	65	+11	SE	1	S	o	*	Trace	78	54	b.bc.cz	c.bz	z.bc.cp	6·3
	London (Kew Obsy.)	1015·5	73	ESE	2	cz	1011·4	+1	64	+10	ENE	1	SE	om	*	–	80	54	fw.bcm.b	b.bcz.cz	bz.bz.om	6·8
	Falmouth ...	1011·6	64	E	1	c	1007·6	+3	58	-4	S	2	*	r	4	18	68	57	Sunshine 4·0			
	Markree Castle	1013·5	66	SE	1	c	1009·5	*	60	+3	E	2	*	bc	*	–	*	*	1·5			
	...												*		*	*	*	*				
	...												*		*	*	*	*				
	...												*		*	*	*	*				
	Spitzbergen ...	1007·5	33	*	0	c	1009·0	+1	35	-1	S	1	*	b	*	*	34	30				
NORTHERN EUROPE.	Vardö	995·4	41	–	0	c	999·0	+4	45	+4	ENE	5	–	f	3	*	43	39				
	Bodö	1009·5	45	W	6	o	1012·2	+4	45	0	W	2	W	b	2	–	45	41				
	Christiansund	1015·8	55	W	4	o	1017·9	+1	52	-3	NW	1	–	o	3	4	55	52				
	Skudesnaes ...	1021·2	57	NW	3	b	1019·9	0	57	-2	N	2	–	b	1	–	63	50				
	Færder (X'iania Fjord)	1015·8	59	SSW	2	b	1016·7	+1	57	-2	N	2	–	b	2	–	64	57				
	The Scaw (Skagen)	1017·9	59	W	6	c	1016·6	+1	61	+4	WSW	2	–	b	2	–	64	55				
	Blaavands Huk	1021·9	59	–	0	b	1019·4	0	48	-11	NE	1	–	b	1	–	63	43				
	Haparanda ...	1002·6	45	W	2	c	1003·1	0	43	-2	NW	4	–	o	*	–	55	36				
	Hernösand ...	1011·7	55	WNW	4	r	1010·9	0	55	0	W	2	–	c	*	Trace	63	52				
	Stockholm ...	1013·6	63	W	2	bc	1014·3	0	57	-2	WSW	2	–	b	*	–	68	52				
	Wisby	1015·9	59	WSW	4	b	1016·6	0	57	0	WSW	2	–	b	*	–	61	54				
	Karlstad	1014·7	61	–	0	b	1015·8	+1	52	-5	–	0	–	f	*	–	66	41				
	St. Petersburg														*							
CENTRAL EUROPE.	Berlin														*							
	Frankfurt														*							
	Munich														*							
	Vienna														*							
	Cuxhaven ...														*							
	The Helder ...	1019·1	70	E	1	b	1016·3	-1	64	+1	E	2	SW	b	1	–	73	59				
	Brussels	*	*	*	*	*									*							
FRANCE.	C. Gris Nez ...												*									
	La Hève	1012·7	73	ENE	3	c	1013·6	*	64	+1	SSW	4	*	bc	3	–	75	59				
	Ushant												*									
	Brest (St. Mathieu)	1010·7	64	–	0	o	1008·2	+2	61	-3	SSE	5	*	r	4	20	73	57				
	Rochefort (Ile d'Aix)	1009·2	71	ESE	1	o	1013·9	0	63	-3	SE	4	*	o	*	55	86	63				
	Biarritz	1011·5	71	WNW	6	r	1013·3	0	69	-1	SSE	3	*	b	1	13	88	61				
	Paris	1014·7	72	ESE	2	bc	1015·1	+2	64	+3	SSW	1	–	c	*	–	82	61				
	Belfort	1020·7	68	E	2	m	1020·2	*	62	+3	W	2	*	m	*	–	79	58				
	Lyons							*					*		*							
	Nice	1021·7	69	WSW	1	b	1021·3	0	68	-5	ESE	1	*	b	*	–	79	61				
	Perpignan ...	1016·0	72	SE	2	c	1016·3	0	73	+7	SE	2	SW	o	1	–	81	66				
	Sanguinaire ...	*	75	N	3	b	*	*	76	+3	E	2	*	b	2	–	?	?				
SOUTHERN EUROPE.	Corunna (7 a.m.) ...	1012·2	71	SW	7	o	1011·4	+1	64	-2	SSW	1	–	o	3	8	73	61				
	Madrid (8 a.m.) ...														*							
	Lisbon (9 a.m.) ...																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1022·4	*	ENE	3	bc	1025·0	*	*	*	–	0	*	c	*	*	*	*				
	Madeira (Funchal)																					

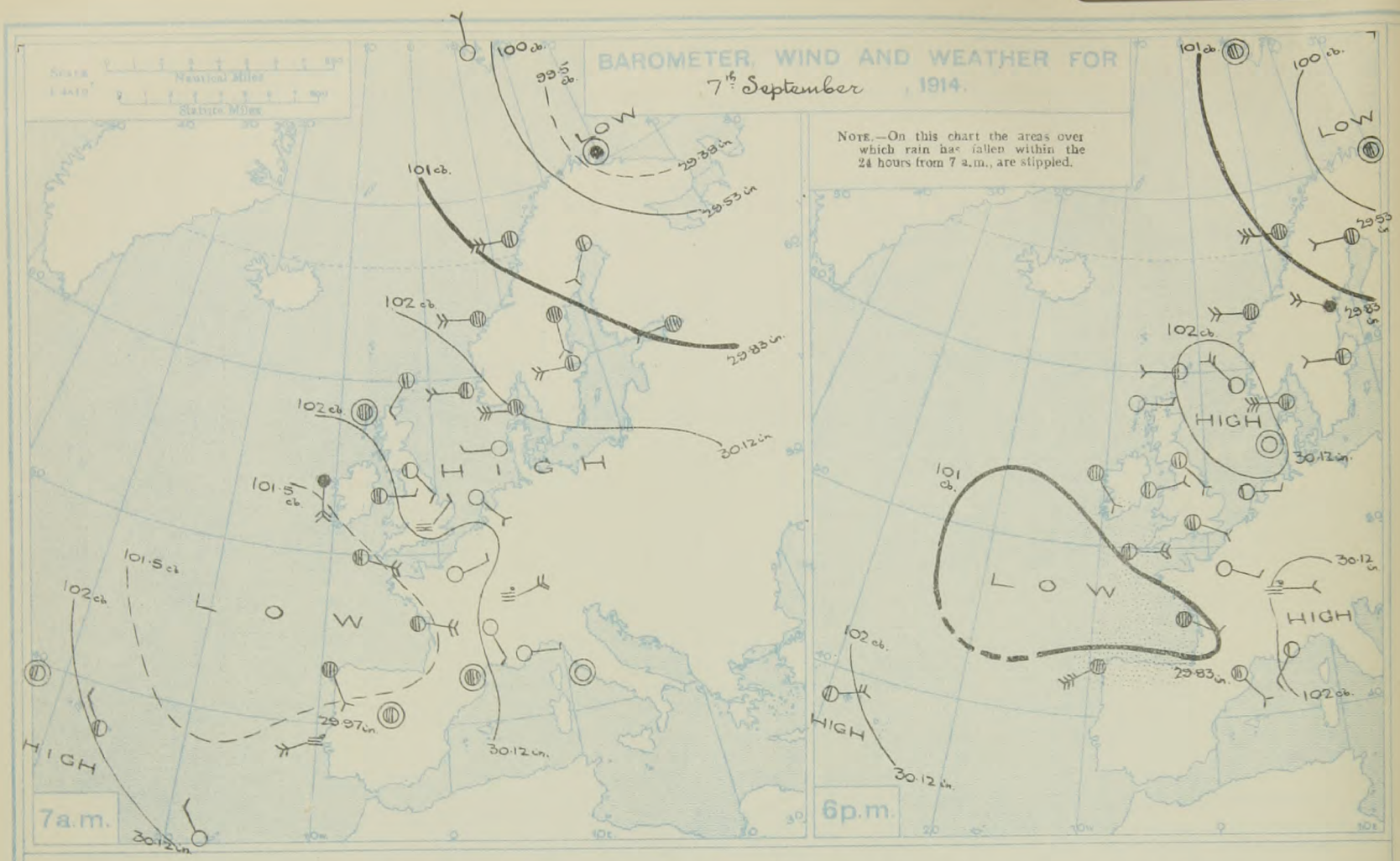
RAINFALL.

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

1 Millimetre = ·03937 inch. Rainfall amounts expressed in Millimetres may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1·6 per cent.)

* 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 Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

Western Channel and Bay.

0 a, b; 1 — Light or moderate South-Easterly winds; fair to-day, some showers to-morrow; moderate temperature.

2 a, b; 3; 4 a, b — Light to moderate Easterly and South-Easterly winds; fair at first, some rain later, thunderstorms locally; air warm and close.

5 — Moderate South-Easterly to South-Westerly winds; fair at first, some rain later, thunderstorms locally; air warm and close.

6 a, b; 7 a, b — Moderate or fresh Easterly winds; fair at first, some rain later, thunderstorms locally; moderate temperature.

8 a, b — Fresh South-Easterly to South-Westerly winds; rainy at first, thunder locally, some improvement later; moderate temperature.

9 a, b; 10 a, b — Light or moderate Easterly and North-Easterly winds; changeable, some rain, thunder locally; moderate temperature.

11 — Fresh or strong Southerly to South-Westerly winds, with showery weather and a rather rough sea; moderate temperature.

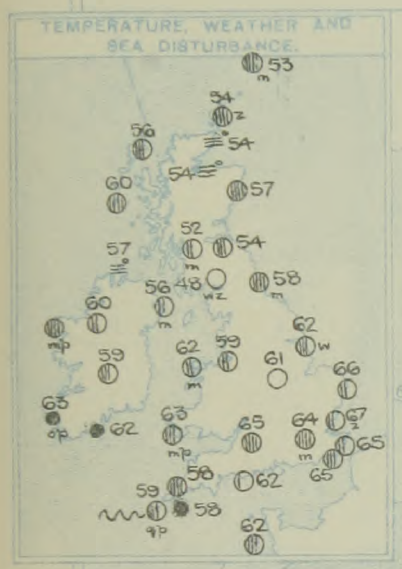
FURTHER OUTLOOK.

R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Tuesday, 8th SEPTEMBER, 1914.

GENERAL INFERENCE.

The depression off our south-west coasts will probably move slowly in a northerly or north-easterly direction and occasion unsettled weather in nearly all districts. Local thunderstorms will be experienced over England.



DAILY WEATHER REPORT. Tuesday, 8th September, 1914.

REPORTS for YESTERDAY 7th September.

STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
		° F.					▲	° F.	° F.							° F.	° F.
Haparanda ...	1000·8	48	SW	4	o	1007·0	+2	45	o	SW	2	NW	bc	*	3	50	41
Hernösand ...	1010·3	59	W	2	bc	1011·0	+1	55	+7	S	2	-	o	*	Trace	59	48
Stockholm ...	1016·6	59	W	4	bc	1015·4	o	59	+7	W	4	-	bc	*	-	63	52
Wisby	1018·9	57	WSW	2	b	1019·1	-1	57	+3	WSW	2	W	b	*	-	59	52
Karlstad	1019·0	61	ESE	2	bc	1016·3	?	57	+3	WSW	4	-	c	*	-	66	50
St. Petersburg	1012·8	50	WSW	1	bc	1016·6	+4	50		W	2	-	o	*	1	57	41
Corunna (7 a.m.)...	1015·0	69	N	2	o	1012·6	o	64	o	SSE	2	-	o	3	1	72	64
Madrid (8 a.m.) ...	1014·9	86	-	o	b	1017·1	+1	66	-11	-	o	SE	c	*	-	88	61
Lisbon (9 a.m.) ...	1016·6	70	WSW	4	c	1016·0	+1	66	o	WSW	4	-	m	5	-	75	66
Rome	1019·0	70	N	1	bc	1020·8	+3	63	-1	N	1	-	b	*	-	82	63

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	° F.	° F.			Hr.
Scotland.	Oban	-	66	46	b bc·o	bc·o	3·6
	Banff	-	65	39	b	b	10·8
	Stonehaven						
	Carnoustie	-	59	45	*	*	8·2
	St. Andrews	-	59	48	*	*	3·7
Eng. N.E.	Harrogate	-	68	47	o·c b	b	6·4
	Scarborough	*	66	56	o·f	c·b·	7·3
	Skegness	-	68	54	b	b	10·1
Eng. N.W.	Douglas (I. of M.) ...	-	68	56	bc	bc	7·0
	Morecambe	-	72	53	bc b.	b bc	6·0
	Blackpool	-	71	52	m·c	c·om	4·6
	Southport	-	73	49	o bc·	o bc·	6·2
Midlands.	Buxton	-	69	40	bc	bc	9·3
	Leamington Spa	-	76	46	b	bc bo·	7·0
	Malvern	-	76	50	b	bj	9·6
	Ross-on-Wye	-	76	46	b bc	bc·q·oj	8·1
Wales.	Rhyl	-	74	49	b	bc o	8·5
	Colwyn Bay	-	74	52	b	bc·o	8·2
	Llandudno	-	74	55	b	bc	7·7
	Bettws-y-Coed	-	78	48			7·5
	Aberystwyth	-	71	57	o·ct	bc·c	8·2
	Tenby	-	71	60	b	bc·o	5·5
	Swansea	-	73	59	bc·o	bc·o	6·1
England. E.	Cromer	0·3	69	59	b	b	10·8
	Lowestoft	-	68	58	b	b bc	10·4
	Felixstowe	-	70	55	bcm	bcm	9·5
	Walton-on-Naze	-	69	55	b	b	10·1
	Southend-on-Sea	-	78	56	b	b bc·	8·5

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	° F.	° F.			Hr.
England, S.E.	Tunbridge Wells	-	79	50	3·b	b bc·c3	9·2
	Margate	-	73	61			8·0
	Ramsgate	-	75	60	b	b	8·4
	Folkestone	-	74	63	b	b bc·	8·8
	Hythe						
	Littlestone	*	*	*	*	*	8·8
	Hastings	-	74	58	b	b bc·	9·9
	Bexhill-on-Sea	-	70	60	b	b	7·7
	Eastbourne	-	69	55	b	bj	9·0
	Seaford	-	78	55	b	b bc·	10·5
	Brighton	-	73	57	b	b bc c·	9·1
	Worthing	-	73	56	b	b bc·	10·0
	Littlehampton	-	70	55	b	b	8·4
	Bognor	-	70	57	b	b	7·5
	Southsea	-	74	57	b	bc·o·	7·0
	Ryde						
	Ventnor				*	*	
	Bournemouth	-	71	50	bc·	c·o	3·7
England, S.W.	Weymouth...	-	72	57	3 bc·b·	bc·cj	5·2
	Exmouth	-	69	52	b	c bc·	7·5
	Teignmouth						
	Torquay	-	70	58	o	c·o·	4·0
	Paignton	-	69	56	o·bc·	o	2·7†
	Plymouth						
	Falmouth	-	68	61	bc·c·	o·c·	4·0
	Penzance	-	70	61	bc	c	1·1
	Bude	-	70	67	b	bcb	5·2
	Ilfracombe	-	74	57	b	b bc c·	6·0
	Weston-super-Mare ...	-	78	52	bc b·	b bc c·	4·5

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-day.						
	%	%	Hr.	° F.	° F.	° F.	mm.§			
Greenwich (Royal Obsy.) ...	67	70	7·0	81	59	49	-	b	b bc	bc c
City (Bunhill Row)	*	*	6·0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	53	73	5·7	79	63	58	-	b	b	b om
Camden Sq. (Brit. Rainfall)	53	72	6·5	82	59	53	-	b	bc	*
Hampstead (Reservoir) ...	*	77	6·6	76	60	56	-	bc	bc	bm
Richmond Park ...	*	*	6·9							
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.
1058 Joules	22·3 Milliwatts.	47·0 Milliwatts.

S. Kensington (Roof of M.O.) 66 87 6·0

Additional Observations for Yesterday.

† to sunset.

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	° F.	F.	° F.				Hr.
Dublin to 4 p.m.	-	67	58	55	bc	c b	c b·	*
Darwen to 9 p.m.	-	71	50	45	bcw	bc	bc	4·2
Manchester ,,	-	75	51		bc c·o	o bc	bc	7·3
Birmingham ,,	-	73	50	37	*	b	b	7·6
Oxford to 8 p.m.	*	79	48	42	bm	bm bcm	bcm cm	*
S. Kensington (Museum Grounds to 6 p.m.)	-	80	54	45	b bm	bm bcj	bcj c·o	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

8th & 9th Sept. ... 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.16	11.51	6.26
	5.17	11.50	6.23
Greenwich	5.25	11.58	6.31
	5.26	11.57	6.28
Wick	5.28	12.10	6.51
Valencia	5.30	12.9	6.48
	6.5	12.39	7.13
	6.6	12.38	7.10

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 75° and upwards in many parts of England and Wales, and reached 80° at Kew Observatory. Very little bright sunshine was recorded in Ireland, but over Great Britain the duration was as a rule large. Thunderstorms and heavy falls of rain were experienced during the night in the south of Ireland and the south-west 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; 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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 9th September 1914.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Change in 3 hours.‡	Temp. Dry Bulb °F	Change in 24 hours °F	Wind. Direc.	Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F.	Min. °F.	Weather. Morning.	Afternoon.	Night.	Sunshine for Yesterday. Hours.
BRITISH ISLANDS.	Deerness	1015·6	56	SE	4	b	1014·9	*	55	+1	SSE	3	–	f	3	–	59	49	o.bc	bc.b	b.bc.c.	6·4
	Lerwick ...	1018·6	57	SSE	2	bc	1015·8	-2	57	+4	SSE	2	S	bcm	2	–	61	53	bcm	bc	bcmw	*
	Stornoway ...	1012·2	63	ENE	1	bq	1012·2	+1	58	+2	SE	1	–	cm	1	2	64	54	c.b	bq	bcmp	7·8
	Castlebay (Barra Isd.)	1010·8	65	E	3	om	1011·5	+1	59	-1	E	1	–	om	1	–	68	58	o.bcm	bc.om	op.om	7·1
	Glasgow ...	1012·9	60	ENE	4	c	1012·9	0	57	+5	ENE	3	–	pq	*	6	67	52	bq.b	b.bc.c	c.op.p	7·2
	Eskdalemuir ...	1013·1	64	NNE	1	oq	1012·8	0	57	+9	N	2	–	o	*	23	69	48	bcwc	c	ogth	6·3
	Malin Head ...	1009·9	64	SE	4	m	1011·5	+1	60	+3	SSW	2	SW	c	1	0·1	65	56	o.bcm	bcmp	cw	5·7
	Blacksod Point	*	*	SSE	3	bcq	*	*	*	*	S	1	*	*	1	*	*	*	omp.or	op.bcq	bcq.bc	*
	Valencia ...	1004·7	64	ESE	2	c	1009·5	+5	60	-3	ME	1	–	o	3	6	65	54	orpt	c	c	0·2
	Roche's Point	1006·8	63	SE	4	c	1009·2	*	61	-1	E	2	E	c	5	1	64	58	omp	opcm	c.bc.c.	*
	Birr Castle ...	1007·7	65	SE	3	c	1010·7	*	53	-6	E	1	–	c	*	T	68	53	th	c	c	2·8
	Donaghadee ...	1010·6	62	S	2	rn	1011·5	+3	57	+4	N E	1	–	f	2	4	63	55	cm.omr	bcm	bl.ffe	*
	Liverpool (Bidston)	1010·6	69	SE	1	c	1011·1	0	59	0	SE	2	SE	m	2	3	71	54	bcp	bc	cm	6·1
	Holyhead ...	1010·5	68	ENE	3	bq	1010·4	+1	59	-3	–	0	–	cq	p	1	72	56	c.opt.c	o.c.bc.b	bbccw	7·1
	Pembroke (St. Ann's)	1009·1	63	SE	4	c	1008·8	+2	60	-3	E	3	E	bc	3	2	67	59	cw.qp	cqq	cqq	5·0
	Newquay ...	1006·8	63	SE	4	b	1006·1	0	61	+3	ESE	2	E	o	2	0·3	66	58	bcv	cp.bcv	bv.c.	6·2
	Scilly (St. Mary's)	1004·0	62	ESE	5	cqp	1003·9	+1	60	+1	E	4	E	c	5	1	67	57	cmqp	cmq	cmqp	7·4
	Jersey (St. Aubin)	1010·3	67	S	3	t	1008·6	*	64		ESE	5		bc								
	Portland Bill ...	1010·4	64	ESE	4	bc	1009·5	0	63	+1	ESE	4	SE	b	3	–	66	60	bc	bc	bbc	*
	Dungeness ...	1012·8	64	SSW	2	c	1011·1	+1	64	-1	SSW	2	S	c	2	–	70	62	c	c	c	*
	Dover	1014·3	62	SSW	1	bcv	1011·4	+1	65	0	SSW	3	SW	c	3	–	70	56	bc.c.b	b.bc	bcpc	9·5
	Wick	1014·9	56	ESE	4	m	1014·0	-1	56	+2	SSE	3	S	m	3	–	58	54	om.bcm	bm	bcm	*
	Nairn	1013·2	63	–	0	bcm	1013·6	*	55	+1	–	0	–	agm	1	–	65	51	m.bcq	bq	cm	5·1
	Aberdeen ...	1016·2	59	SE	2	o	1015·3	0	58	+1	SE	2	–	c	2	–	64	56	o.c	c.b.o	o.c	1·9
	Leith	1015·1	60	E	2	o	1014·2	0	59	+5	ENE	2	–	o	*	–	62	53	c.bc.	c.o	o	
	Tynemouth ...	1014·1	60	ESE	2	bc	1012·7	0	60	+2	NE	2	–	om	3	–	67	57	b	bc	ot	3·1
	Spurn Head ...	1013·3	63	ESE	4	c	1012·0	0	62	0	S	2	–	bcw	4	–	69	59	bc	c	c	6·7
	Yarmouth ...	1012·6	68	S	2	bc	1012·1	0	66	0	SE	2	–	o	1	–	70	60	bcm	bc	bc.o	8·9
	Clacton-on-Sea	1012·3	68	SSE	3	bc	1011·6	+1	65	-2	ESE	3	SE	o	2	1	72	62	bcq	bc	bcc.op	7·0
	Nottingham ...	1011·4	64	ENE	1	b	1011·7	*	59	-2	ENE	1	E	omw	*	–	71	56	bc	a.bm	bm	4·4
	Bath	1011·5	69	S	1	b	1010·5	*	57	-8	E	2	E	bc	*	4	76	55	o.bc.c	bc.b	bc.bp.	9·6
	London (Kew Obsy.)	1011·7	73	SW	2	bcv	1011·3	+1	62	-2	E	1	–	om	*	–	71	54	om.o.c	c.bcv	bcw.om	7·7
	Falmouth ...	1006·7	63	ESE	3	bc	1005·9	+1	61	+3	E	4	*	o	5	tr	66	58	Sunshine 4·4			
	Marteree Castle	1007·8	67	SE	1	c	1011·2	*	58	-2	–	0	*	c	*	1	*	*	4·6			
	...												*		*	*	*	*				
	...												*		*	*	*	*				
	...												*		*	*	*	*				
	Spitzbergen ...	1010·7	34	–	0	o	1011·3	0	33	-2	NW	1	*	o	*	*	35	32				
NORTHERN EUROPE.	Vardö	1010·4	41	N	2	f	1017·0	+3	39	-6	NW	3	–	r	3	*	45	37				
	Bodö	1019·7	43	N	4	b	1021·3	0	45	0	E	2	–	b	2	–	48	41				
	Christiansund	1020·4	55	W	1	o	1019·5	0	54	+2	NE	1	–	b	3	–	55	52				
	Skudesnaes ...	1017·7	59	N	4	b	1018·9	+1	59	+2	ENE	2	–	b	1	–	63	55				
	Færdet (X'iania Fjord)																					
	The Scaw (Skagen)	1017·0	59	NNW	2	bc	1019·8	+2	61	0	SE	3	–	b	3	–	66	57				
	Blaavands Huk	1017·9	59	NNE	1	c	1017·6	0	52	+4	ENE	1	–	m	1	1	63	43				
	Haparanda ...	1011·4	43	–	0	b	1021·0	+4	43	0	NNW	2	–	b	*	Trace	54	36				
	Hernösand ...	1016·7	52	–	2	b	1024·0	+3	46	-9	–	0	–	b	*	–	59	34				
	Stockholm ...	1015·9	61	E	4	c	1022·6	+3	54	-3	NNE	2	–	b	*	–	68	48				
	Wisby	1016·2	57	WSW	2	b	1021·7	+3	59	+2	E	4	NW	b	*	–	61	50				
	Karlstad	1017·0	59	–	0	b	1023·0	+3	55	+3	E	2	E	b	*	–	66	45				
	St. Petersburg														*							
CENTRAL EUROPE.	Berlin														*							
	Frankfurt														*							
	Munich														*							
	Vienna														*							
	Cuxhaven ...																					
	The Helder	1014·0	68	ENE	1	bc	1013·6	0	66	+2	SE	1	–	c	0	–	75	64				
	Brussels	*	*	*	*	*									*							
FRANCE.	C. Gris Nez ...	1011·5	70	SE	1	bc	1012·7	*	59	-5	SE	3	*	b	2	–	73	55				
	La Hève							*					*									
	Ushant							*					*									
	Brest (St. Mathieu)	1006·3	64	SSE	5	c	1004·4	0	60	-1	SE	2	*	c	3	10	72	54				
	Rochefort (Ile d'Aix)	1012·7	68	W	4	c	1012·3	0	63	0	SSW	5	*	r	*	4	77	63				
	Biarritz						1014·4	0	67	-2	S	2	*	c	2	3	75	63				
	Paris	1013·3	64	ESE	2	o	1014·7	+2	61	-3	S	2		o	*	4	77	59				
	Belfort							*					*		*							
	Lyons							*					*		*							
	Nice	1019·7	67	E	1	c	1015·9	0	71	+3	E	3	*	o	3	?	81	63				
	Perpignan ...	1015·8	64	SE	1	tr	1014·3	0	64	-9	ENE	2	N	bc	*	13	75	64				
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.) ...	1014·7	68	W	3	o	1016·8	+2	63	-1	SW	2	W	bc	3	2	70	61				
	Madrid (8 a.m.) ...														*							
	Lisbon (8 a.m.) ...																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1026·1	*	ESE	2	o	1027·9	*	*	*	*	–	o	o	1	*	*	*				
	Madeira (Funchal)																					

RAINFALL.

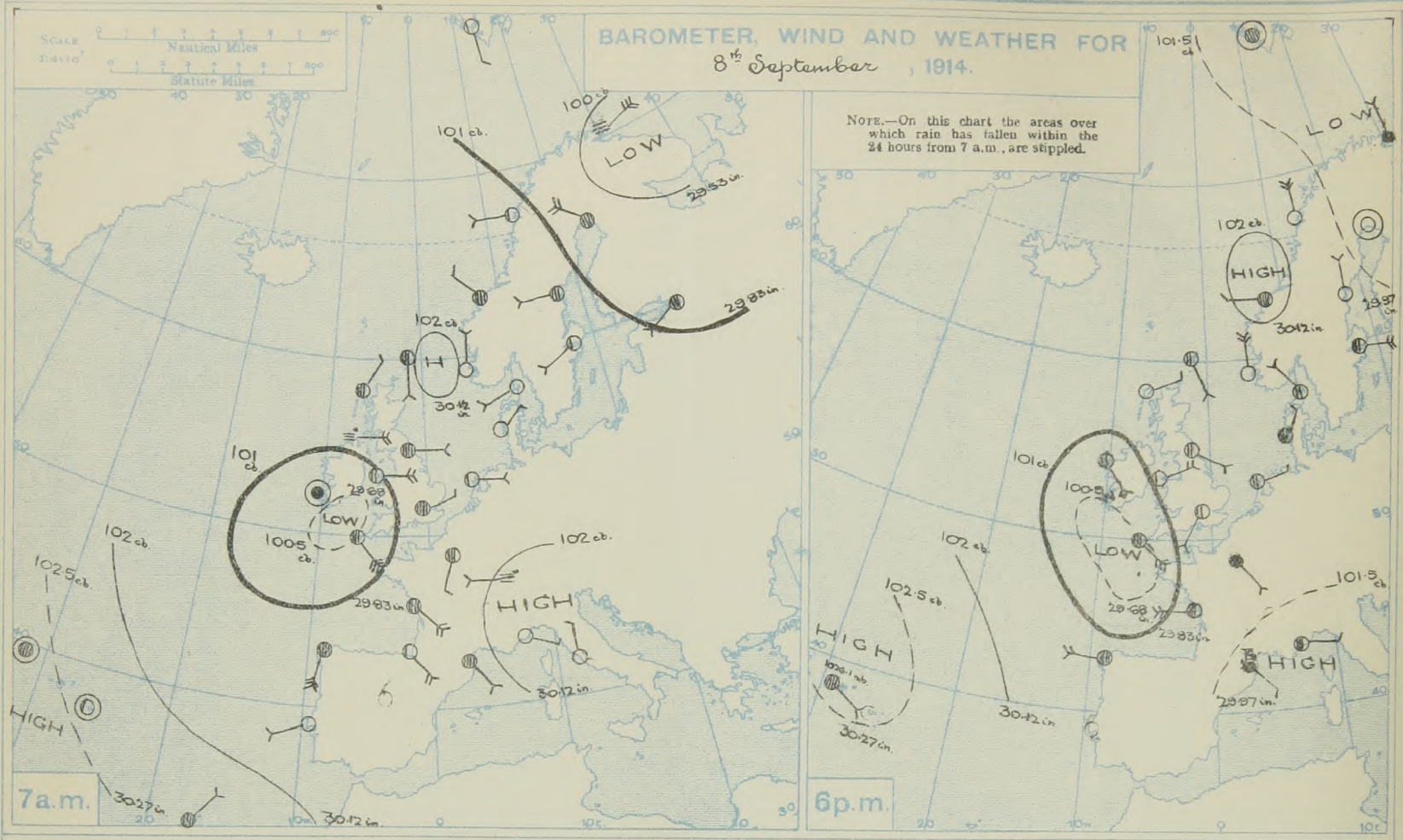
Equivalents of Millimetres in Inches.

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

1 Millimetre = ·03937 inch. Rainfall amounts expressed in Millimetres may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1·6 per cent.)

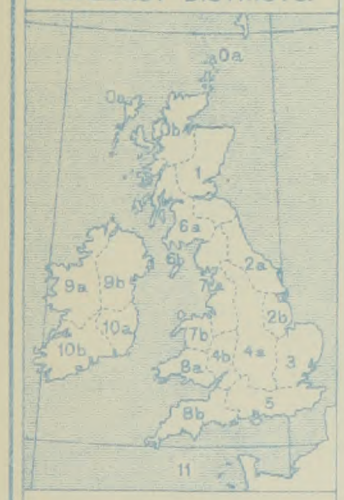
* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

BAROMETER, WIND AND WEATHER FOR 8th September, 1914.



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.

0	a, b	Light breezes chiefly South-Easterly; fair generally, fog or mist locally on coast; normal temperature.
1		
2	a, b	Light Easterly breezes; fair generally, with a midday temperature above the normal.
3		
4	a, b	
5		
6	a, b	Variable or light Easterly breezes; fair generally, but fog or mist locally on coast; normal temperature.
7	a, b	
8	a, b	Same as Nos. 2 to 5.
9	a, b	Same as Nos. 6 and 7.
10	a, b	
Western Channel and Bay.	11	Moderate to fresh Easterly winds and a moderate sea; changeable, some showers, thunder in places; normal temperature.

FURTHER OUTLOOK.

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

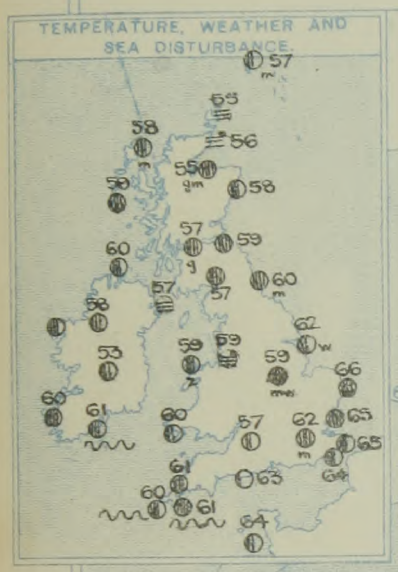
W. N. SHAW, Director.

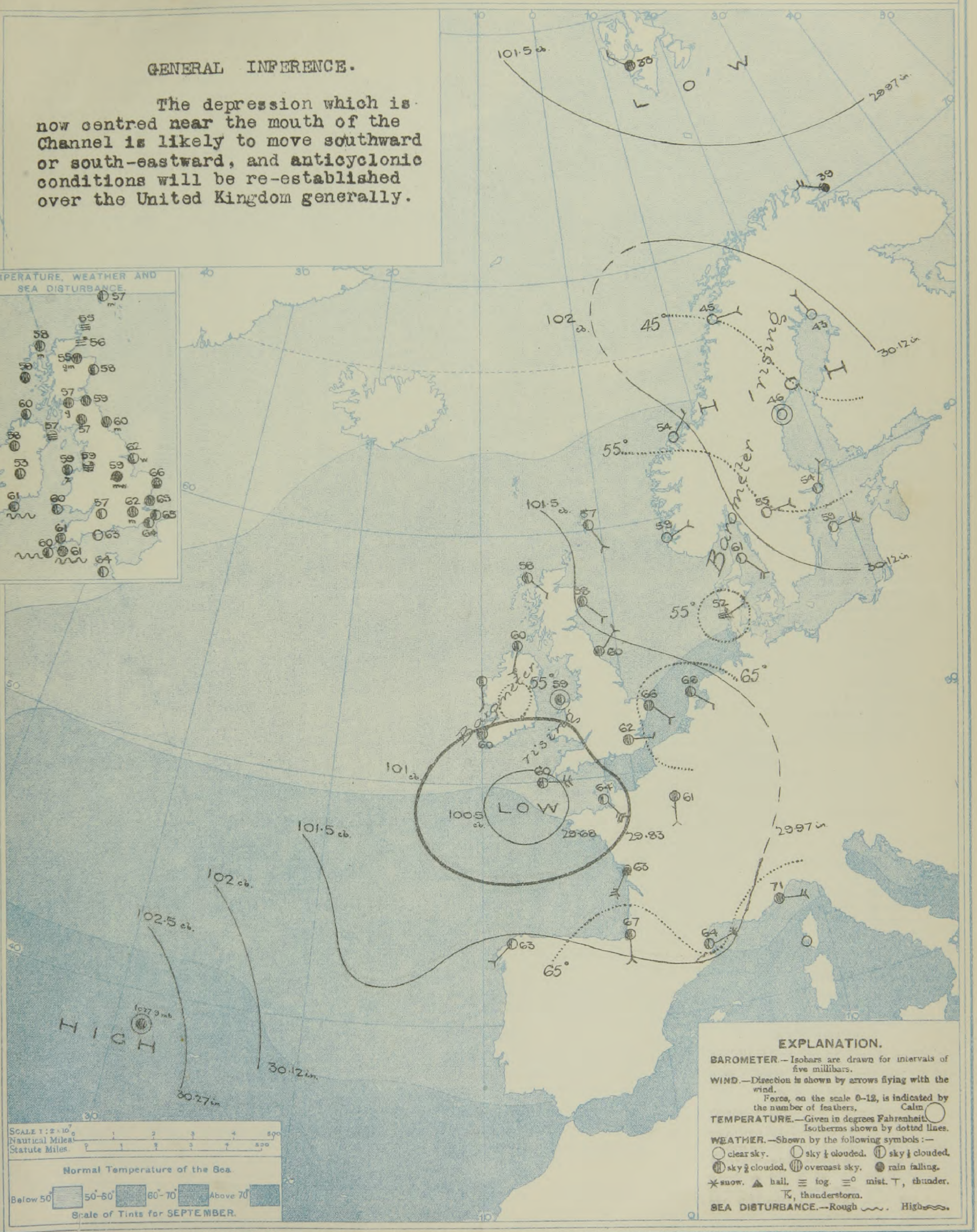
SYNOPTIC CHART FOR 7 a.m., Wednesday, 9th SEPTEMBER, 1914.

GENERAL INFERENCE.

The depression which is now centred near the mouth of the Channel is likely to move southward or south-eastward, and anticyclonic conditions will be re-established over the United Kingdom generally.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.





SCALE 1 : 2 × 10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ▼ rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⊼, thunderstorm.

SEA DISTURBANCE.—Rough ∿∿. High ∿∿.

DAILY WEATHER REPORT.

Wednesday, 9th September, 1914.

REPORTS FOR YESTERDAY 8TH SEPT.

STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
St. Petersburg	1006·6	55	W	2	bc	1008·0	0	52	+2	WSW	2	NW	c	*	1	59	50
Lisbon	1017·0	70	SW	4	bc	1018·6	+1	64	+2	WSW	2	–	b	5	–	70	64
Rome	1022·1	73	SW	1	b	1021·9	0	63	0	N	1	–	b	*	–	82	63
Madeira (Funchal)	1019·5	77	NW	1	b	1021·0	+1	72	+4	NE	2	N	0	2	–	79	68

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	–	71	55	bc.b	bc	6·8
	Banff	–	66	51	bc	bc	9·1
	Stonehaven						
	Carnoustie	–	65	52			5·0
	St. Andrews	–	62	48	bc	o	4·0
Eng. N.E.	Harrogate	–	73	49	o.bc.b	b bc.c.o	3·8
	Scarborough		68	57	o	of	6·5
	Skegness		70	62	bc	bc.rt	6·1
Eng. N.W.	Douglas (I. of M.)	1	68	60	cq	bp.c	4·0
	Morecambe	2	70	60	bc.b.	b bc.r.o	4·1
	Blackpool	7	72	57	c.st	o.r.s.	3·6
	Southport	5	72	55	b.o.	r.bc.cm	4·4
Midlands.	Buxton	3	69	53	bc.p.	bc.r	2·0
	Leamington Spa	–	66	57	c b.	bc	5·0
	Malvern	1	73	58	z b.	bc.b.	6·0
	Ross-on-Wye	–	75	59	c.bc.	bc.c.bc.	7·2
Wales.	Rhyl	1	73	58	bc.ot.	bc o.	3·8
	Colwyn Bay	–	73	57	bc	bc	0·7
	Llandudno	–	73	60	b	bc	5·7
	Bettws-y-Coed	1	72	51			3·8
	Aberystwyth	1	74	63	ro.c.	a.bc.	7·2
	Tenby	1	70	63	b	bc	5·3
	Swansea	2	71	65			7·3
England. E.	Cromer	–	72	60	b	r.b.bc.c	9·2
	Lowestoft	–	70	64	bc	bc.c.	9·4
	Felixstowe	–	72	60	bcm	bc	8·3
	Walton-on-Naze	–	72	65	bc.bc	bc.	9·2
	Southend-on-Sea	–	80	64	bc	b.bc.	6·7
England, S.E.	Tunbridge Wells	–	73	62	c.bc.	b	6·4
	Margate	–	72	64	b	bc.b	7·6
	Ramsgate	–	74	63	b	b	8·3
	Folkestone	–	69	64	b	b bc	7·9
	Hythe						
	Littlestone						7·5
	Hastings	–	72	63	bc.b	b bc	6·2
	Bexhill-on-Sea	–	70	64	b	b	7·8
	Eastbourne	–	72	62	b bc	bv	9·1
	Seaford	–	71	64	b	b	10·2
	Brighton	–	69	65	bc	b bc.c	9·9
	Worthing	–	72	65	b	b bc.c.	9·2
	Littlehampton	–	71	66	b	b	9·1
	Bognor	–	70	65	b	b	9·5
	Southsea	–	72	68	o.bc.b.	bc.c	8·6
	Ryde						
	Ventnor						
	Bournemouth	–	71	62	c.bc.	bc.	9·5
England, S.W.	Weymouth	1	72	62	b	bg	9·2
	Exmouth	2	71	65	b	b	5·8
	Teignmouth to 9 p.m.	4	67	60	bc.c	c	5·3
	Torquay	4	70	60	b	bc.c.o	6·5
	Paignton						
	Plymouth to 9 p.m.	–	74	59	c.b	a b	5·4
	Falmouth	18	66	57	p.bc	ba	4·3
	Penzance	36	67	63	c	bc	4·0
	Bude	7	70	61	bc	ba.bc	7·5
	Ilfracombe	1	72	64	b	c.bc.	8·5
	Weston-super-Mare	–	76	57	bc.b.	b	9·3

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	°F.	°F.	°F.	mm.§			
				24 Hours ended 9 a.m. To-day.						
Greenwich (Royal Obsy.)	52	75	7·3	81	54	42	–	b	bc	b
City (Bunhill Row)	*	*	4·9	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	56	77	6·4	77	57	49	0·3	bc	bc	bc.p.m
Camden Sq. (Brit. Rainfall)	53	77	6·0	80	55	49	–	bc	bc	*
Hampstead (Reservoir)	*	82	5·1	75	57	48	1	bc	bc	o.p.o
Richmond Park	*	*	8·7							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	70	89	6·0							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1069 Joules	22·7 Milliwatts.	61·0 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	°F.	°F.	°F.				Hr.
Dublin to 4 p.m.	2	69	59	58	p.c.	ogtr.c	bc	*
Darwen to 9 p.m.	5	70	54	49	bcw	bc	ott.c	3·8
Manchester ,,	3	72	58	*	bc	bc.or	oc	3·3
Birmingham ,,	0·3	74	56	52	b bc.a	o o.p.c	c bc.b	5·1
Oxford to 8 p.m.	*	77	58	51	cg.o	o bc.	bc.	*
S. Kensington (Museum Grounds to 6 p.m.)	–	78	63	57	b.cm	cmbcc	cbc.c.	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

9th & 10th Sept. 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·17 / 5·19	11·50 / 11·50	6·23 / 6·21
Greenwich	5·26 / 5·28	11·57 / 11·57	6·28 / 6·26
Wick	5·30 / 5·32	12·9 / 12·9	6·48 / 6·46
Valencia	6·6 / 6·8	12·37 / 12·38	7·10 / 7·8

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 70° and 75° at most of the English and Welsh stations, and reached 80° at Southend-on-Sea. Very little bright sunshine was recorded on our western coasts, but in the south and east of England the duration ranged between 9 and 10 hours. Rain fell at most of our western and central stations, and thunderstorms occurred in places.

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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday, 10th September, 1914.

DATE.	STATIONS.	YESTERDAY EVENING. Baron. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.‡	Temp. Dry Bulb °F	Temp. Change in 24 hours.°F	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday. Hours
BRITISH ISLANDS.	Deerness ...	1014.5	56	SSE	4	m	1013.9	*	56	+1	ESE	2	–	f	2	–	58	55	f.bcf	f.o.c	c.of	1.5
	Lerwick ...	1015.4	57	S	3	bcm	1014.9	-2	57	0	S	2	–	fd	2	0.4	60	55	bc	bc	om f	*
	Stornoway ...	1013.6	65	S	2	c	1013.6	-2	56	-2	NW	1	–	cg	1	–	70	56	c.b	b.bc.c	o.cg	6.2
	Castlebay (Barra Isd.)	1013.7	60	NW	2	om	1013.3	-2	57	-2	–	0	E	c	1	–	66	56	o.bcm	c.om	odpcm	5.8
	Glasgow ...	1013.1	60	NE	3	og	1014.5	+1	57	0	–	0	–	mc	*	trace	60	57	odp	odp.og	om	0.0
	Eskdalemuir ...	1012.6	62	N	1	od	1015.4	+2	52	-5	N	1	–	m	*	2	65	51	o	od	om	0.0
	Malin Head ...	1013.7	60	NW	1	c	1014.8	0	57	-3	NNW	3	–	o	1	–	66	57	cm	cg	ogm	0.0
	Blacksod Point	*	*	N	3	og	*	*	*	*	N	2	*	omd	2	*	*	*	c.cg	cg.og	om omd	*
	Valencia ...	1014.2	64	NNW	2	c	1016.9	+1	58	-2	NW	2	–	o	3	–	69	58	c	c	om	2.2
	Roche's Point	1012.4	64	N	3	o	1015.9	*	60	-1	N	3	N	bc	3	1	66	59	cgt	ctp.cl	op.bc	*
	Birr Castle ...	1012.5	66	–	0	c	1015.0	*	59	+6	NNW	1	–	m	*	1	68	53	cg.t	ctp	f	2.0
	Donaghadee ...	1012.3	60	N	3	bcg	1014.2	+2	57	0	N	3	N	f	3	1	62	57	o.f	bcg	ogm.of	*
	Liverpool (Bidston)	1011.4	64	NE	1	bc	1013.9	+3	60	+1	E	2	E	r	1	3	70	59	bc.t	opt	or	0.8
	Holyhead ...	1011.1	65	ENE	4	cm	1012.4	+1	61	+2	NE	3	–	ofe	2	trace	70	59	c.bc.cm	bc.c.bm	bc.ofe	4.0
	Pembroke (St. Ann's)	1009.9	62	NNE	1	c	1012.3	+2	60	0	N	2	N	cm	2	5	69	59	bc	cgp	cp	6.8
	Newquay ...	1006.3	60	E	1	r	1010.6	+3	61	0	NNE	4	N	cm	4	23	64	56	op	or	or.o.	0.1
	Scilly (St. Mary's)	1006.9	60	N	5	cmqp	1012.2	+3	60	0	NNW	4	N	oqp	4	12	66	58	cmqp	cmqp	cm oqp	3.8
	Jersey (St. Aubin)	1006.8	66	SE	3	bc	1010.9	*	61	-3	WSW	3		bc								
	Portland Bill ...	1007.8	63	ESE	5	c	1009.8	+1	63	0	SE	4	SE	c	4	15	65	61	bc.c	r.o.c	cp.r	*
	Dungeness ...	1011.7	66	SE	2	c	1013.5	+2	63	-1	SE	3	SE	bc	3	2	70	63	c.bc	bc.c	cp.bc	*
	Dover	1012.6	66	SW	2	b	1014.2	+3	63	-2	SSE	2	SE	bc	3	–	71	61	c.bc.b	b.bc	bc.bc	9.3
	Wick	1014.4	57	SSE	3	m	1014.0	0	56	0	–	0	–	m	2	0.2	60	54	bcm.cm	cm	bm omd	*
	Nairn	1013.7	61	–	0	cm	1013.8	*	57	+2	–	0.	–	m	1	0.2	67	53	bcg	cmp	md	2.1
	Aberdeen ...	1014.7	59	SE	2	o	1014.0	0	59	+1	–	0	–	om	2	5	65	54	c.8	o	otm	1.5
	Leith	1014.1	59	ENE	2	o	1014.9	0	60	+1	E	1	–	m	*	2	62	58	o	o	or.o	*
	Tynemouth ...	1012.7	59	NE	1	om	1015.1	+3	53	-7	? SW	2	–	f	3	9	60	53	f	fr	cm	0.3
	Spurn Head ...	1012.6	62	ESE	1	o	1015.4	+2	58	-4	ENE	2	S	bc	4	3	67	57	or	or	ef.bc	1.3
	Yarmouth ...	1012.6	66	SE	2	bc	1015.1	+2	65	-1	SE	3	–	o	2	10	68	60	omr.c	c.bc	bc.o	3.0
	Clacton-on-Sea	1011.8	68	S	2	bc	1013.7	+2	65	0	SE	3	S	bc	2	–	70	64	o.c	c.bc	bc.bc	6.8
	Nottingham ...	1011.1	66	E	1	c	1014.1	*	59	0	E	2	E	c	*	2	71	58	o.c.	r.o.c.	clp.o.	2.2
	Bath	1009.8	64	E	1	r	1011.8	*	62	+5	E	3	SE	o	*	3	74	56	bc.o.c	c.or	r.or	6.2
	London (Kew Obsy.)	1010.9	69	ESE	1	cv	1013.2	+1	63	+1	E	2	–	bcm	*	4	77	61	om.o.bcq	bcv.cvpv.orbcm		6.4
	Falmouth ...	1006.1	61	E	2	r	1010.9	+2	60	-1	NNW	2	SE	bc	4	3	64	57				
	Markree Castle ...	1013.9	62	NNW	3	o	1014.5	*	57	-1	NW	1	*	o	*	–	*	*				
	...												*		*	*	*	*				
	...												*		*	*	*	*				
	...												*		*	*	*	*				
	Spitzbergen ...	1010.9	30	NW	2	b	1008.4	-3	28	-5	–	0	*	b	*	*	32	23				
NORTHERN EUROPE.	Vardö	1016.0	41	W	1	f	1008.7	-3	45	+6	SSW	3	–	o	2	*	45	37				
	Bodö	1018.3	48	E	1	bc	1011.5	-5	52	+7	E	1	–	bc	1	–	?	43				
	Christiansund	1018.9	55	–	0	b	1017.3	0	57	+3	S	1	–	c	2	–	61	54				
	Skudesnaes ..	1018.7	61	S	3	c	1018.1	0	61	+2	E	3	–	b	1	–	68	57				
	Færder (X'iania Fjord)	1021.9	63	–	0	b	1023.8	+1	61		S	3	–	o	2	–	64	59				
	The Scaw (Skagen)	1021.1	63	SE	1	bc	1022.4	+1	61	0	SSE	5	–	o	4	–	66	59				
	Blaavands Huk	1017.2	66	SE	2	b	1019.1	+3	63	+11	SSE	2.	–	o	2	–	73	50				
	Haparanda ...	1023.1	43	SW	2	c	1014.9	-5	48	+5	SW	6	–	o	*	–	52	43				
	Hernösand ...	1024.2	52	–	0	b	1020.2	-2	55	+9	S	2	–	c	*	–	57	45				
	Stockholm ...	1024.6	55	S	2	b	1027.0	0	59	+5	SSW	2	–	bc	*	–	63	50				
	Wisby	1025.1	55	E	2	b	1027.7	+2	55	-4	SSE	2	–	b	*	–	63	46				
	Karlstad	1022.3	63	–	0	b	1025.2	+1	57	+2	SE	2	–	bc	*	–	66	50				
	St. Petersburg														*							
CENTRAL EUROPE.	Berlin														*							
	Frankfurt... ...														*							
	Munich														*							
	Vienna														*							
	Cuxhaven ...																					
	The Helder ...	1013.2	66	SSW	1	bc	1016.8	+2	66	0	E	1	–	c	0	2	75	59				
	Brussels	*	*	*	*	*									*							
FRANCE.	C. Gris Nez ...	1010.1	66	SE	4	0	1011.9	*	59	0	S	4	*	bc	3	–	77	57				
	La Hève							*					*									
	Ushant							*					*									
	Brest (St. Mathieu)												*									
	Rochefort (Ile d'Aix)												*		*							
	Biarritz	1016.6	68	NW	3	c	1017.6	0	65	-2	SSE	2	*	c	4	–	81	63				
	Paris														*							
	Belfort							*					*		*							
	Lyons							*					*		*							
	Nice												*									
	Perpignan ...														*							
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.)...	1019.1	66	SW	5	b	1020.8	+2	63	0	N	3	–	o	5	9	68	61				
	Madrid (8 a.m.) ...														*							
	Lisbon (9 a.m.) ...																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1028.8	*	NE	1	0	1030.7	*	*	*	–	0	*	0	1	*	*	*				
	Madeira (Funchal)																					

Sunshine 0.0

0.7

RAINFALL.

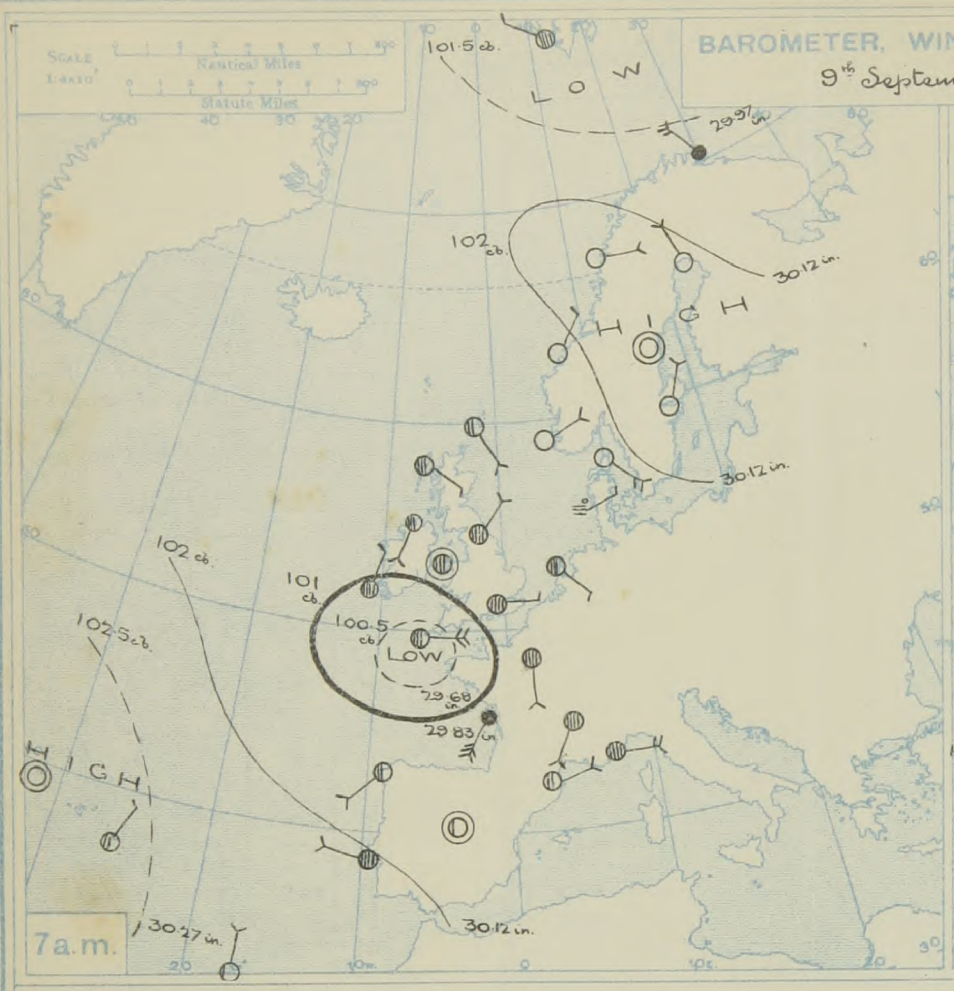
Equivalents of Millimetres in Inches.

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	1·61
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

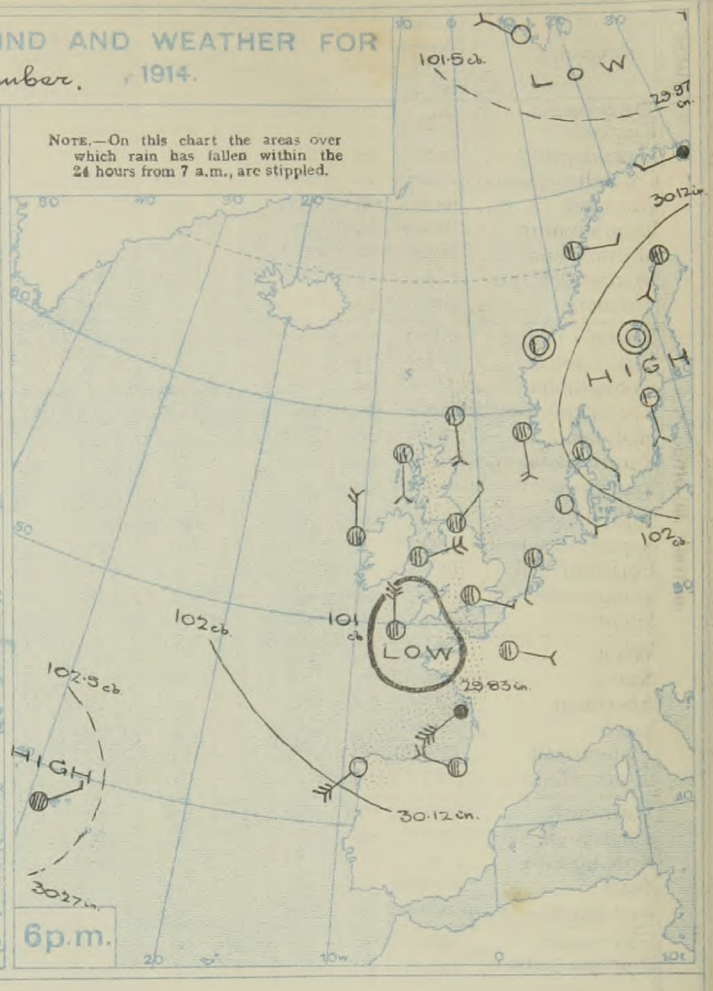
1 Millimetre = ·03937 inch. Rainfall amounts expressed in Millimetres may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1·6 per cent.)

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

BAROMETER, WIND AND WEATHER FOR 9th September, 1914.

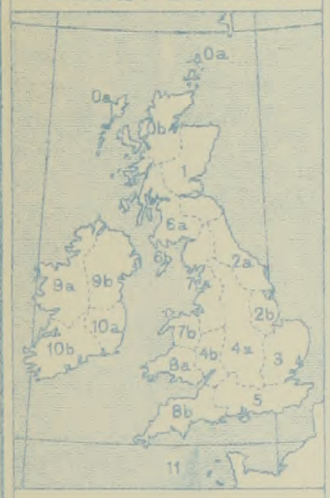


Note.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



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

0 {a b} 1 — Calms and light variable airs; fair in places, but chiefly misty or foggy; rather cool.

2 {a b} — Light Easterly breezes; fair generally, local fogs on coast; cool.

3 4 {a b} 5 — Light Easterly and South-Easterly winds, backing later to the North-Eastward or Northward; changeable, some showers, thunder locally; normal temperature.

6 {a b} 7 {a b} 8 {a b} 9 {a b} 10 {a b} — Light or moderate Northerly and North-Westerly breezes; fair generally, but fog or mist locally on coast; cool.

11 { — Moderate or fresh North-Westerly winds and a moderate sea; changeable, some showers, thunder locally; cool.

Millibars: 1050 1040 1030 1020 1010 1000 990 980 970

FURTHER OUTLOOK.

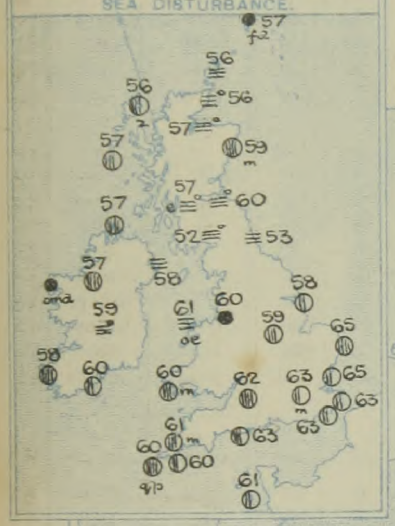
R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

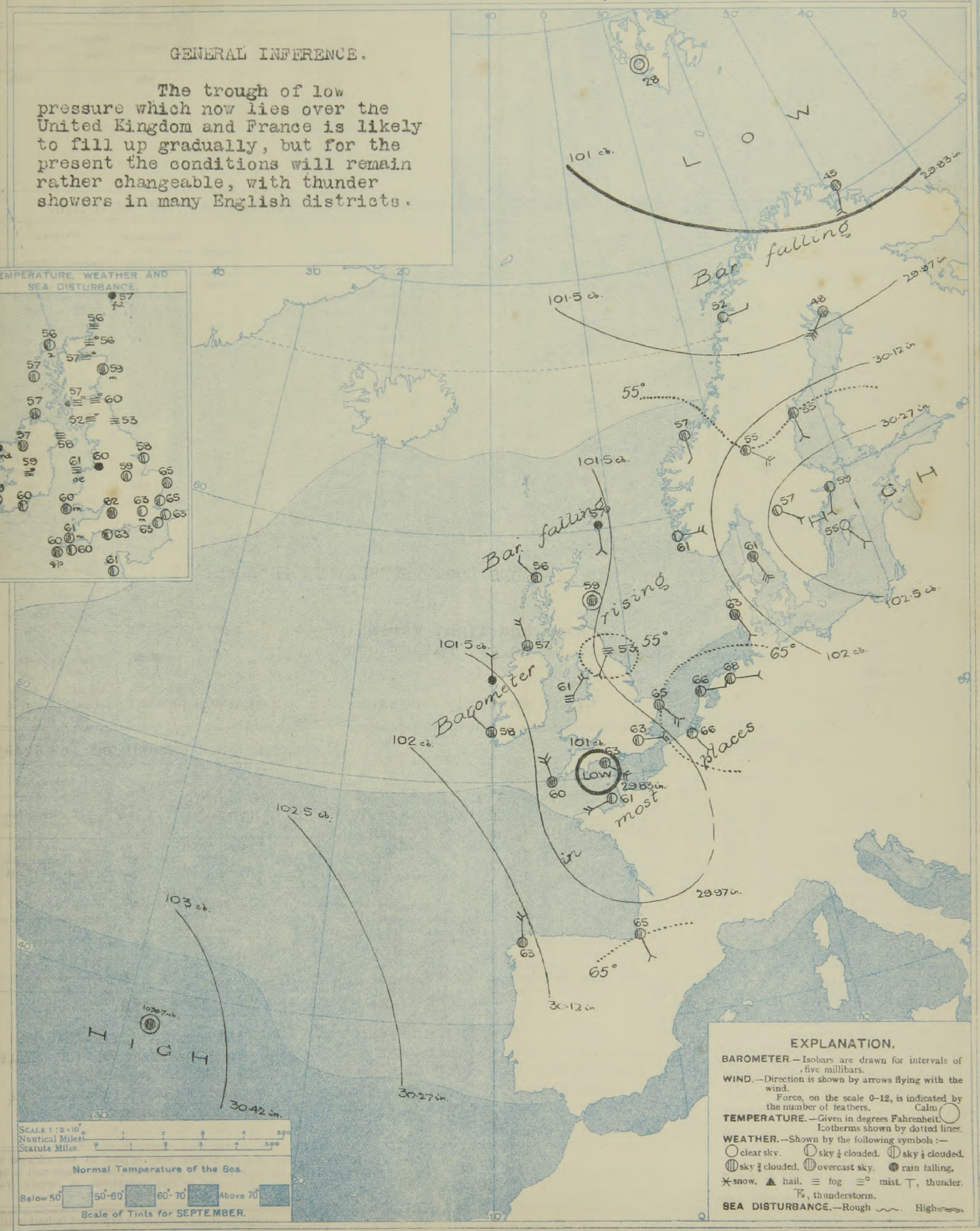
SYNOPTIC CHART FOR 7 a.m., Thursday 10th SEPTEMBER, 1914.

GENERAL INFERENCE.

The trough of low pressure which now lies over the United Kingdom and France is likely to fill up gradually, but for the present the conditions will remain rather changeable, with thunder showers in many English districts.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.





SCALE 1 : 2 × 10⁷
Nautical Miles
Statute Miles

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⊤≋, thunderstorm.

SEA DISTURBANCE.—Rough ~~~. High ≋≋.

DAILY WEATHER REPORT.

Thursday, 10th September, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.	Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			mb.	‡		(0–12).			°	°			mb.	‡		(0–12).	

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	–	69	55	bc	bc or	1·7
	Banff	–	67	55	bc	c og	3·1
	Stonehaven						
	Carnoustie	–	62	57	*	*	0·0
	St. Andrews	–	60	58	o	o	0·0
Eng. N.E.	Harrogate	1	65	57	o	op bc o	0·6
	Scarborough	*	66	58	o. or. o	o	3·0
	Skegness	2	68	56	gr. c.	op c	1·3
Eng. N.W.	Douglas (I. of M.)	–	70	57	o. c.	o. c.	2·0
	Morecambe	1	69	57	bc	bc. r. o.	1·4
	Blackpool	1	68	53	c. o	op	0·5
	Southport	8	69	54	bc o.	o ddr	0·6
Midlands.	Buxton	1	64	54	c	cr	0·6
	Leamington Spa	–	75	50	c	c	5·4
	Malvern	–	72	55	bc	bc. c.	4·7
	Ross-on-Wye	0·3	72	49	c. bc.	bc. o	4·7
Wales.	Rhyl	–	71	50	bc. o	o. bc.	1·1
	Colwyn Bay	–	68	52	o. c.	c. o	2·2
	Llandudno	0·3	70	57	c	cp	1·7
	Bettws-y-Coed	1	71	49	og	og	1·4
	Aberystwyth	–	75	61	o. c.	c. bc.	5·0
	Tenby	–	71	62	b	c. o	7·5
	Swansea	–	73	62	bc.	b. rg.	7·2
England. E.	Cromer	11	69	58	or. o. c.	o. c. b bc.	2·0
	Lowestoft	4	68	61	or. c. bc.	bc. c. bc.	2·6
	Felixstowe	5	69	63	cm	bc	5·9
	Walton-on-Naze	2	72	66	bc. to.	uc. bc. c	?
	Southend-on-Sea	–	78	61	o. b.	b bc.	7·4

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
England, S.E.	Tunbridge Wells	–	74	56	bc b.	b bc. cr	7·4
	Margate	–	75	63	bc b.	b	8·1
	Ramsgate	–	72	62	b	b	7·9
	Folkestone	–	72	63	b bc.	bc	8·0
	Hythe						
	Littlestone	*	*	*	*	*	9·0
	Hastings	–	70	60	o bc b	b bc.	7·9
	Bexhill-on-Sea	2	70	62	b	bc. or	7·9
	Eastbourne	–	70	59	b	b bc	7·6
	Seaford	2	71	58	b	b	7·3
	Brighton	2	71	59	c	c. o. or	6·7
	Worthing	1	71	58	bc b.	bc c r.	6·8
	Littlehampton	1	70	58	b	bc or	5·5
	Bognor	1	69	59	b	op	5·4
	Southsea	1	69	60	b. bc.	c or	6·6
	Ryde						
	Ventnor						
	Bournemouth	8	68	54	c bc.	bc. or	4·5
England, S.W.	Weymouth	7	70	62	bc c.	rc. o.	4·1
	Exmouth	13	62	58	bc o.	p or	2·1
	Teignmouth to 9 p.m.	10	65	62	bc. or	or	3·1
	Torquay	11	66	61	bc	bc. c. o.	3·1
	Paignton	10	65	59	or	c	3·5†
	Plymouth						
	Falmouth	1	64	58	op	op	0·0
	Penzance	10	66	61	c	or	0·5
	Bude	7	68	56	bc. c r.	r. og	3·2
	Ilfracombe	2	67	60	bc c.	c. o p o	5·6
	Weston-super-Mare	–	73	56	b	b bc r	6·5

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. Today.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	41	81	6·7	81	59	53	2	b bc	bc.	c. or bc
City (Bunhill Row)	*	*	5·5	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	42	85	6·4	78	62	49	2	bc	bc	c. o t. o
Camden Sq. (Brit. Rainfall)	40	80	5·8	81	59	55	3	o bc	b bc	*
Hampstead (Reservoir)	*	77	6·0	76	59	55	3	bc	bc	bc or c.
Richmond Park	*	*	6·7							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	57	84	6·1							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1236 Joules	263 Milliwatts.	65 Milliwatts.

Additional Observations for Yesterday.

† to sunset

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	°F.	°F.	°F.				Hr.
Dublin to 4 p.m.	–	67	56	55	bw f o.	og. c.	c b.	*
Darwen to 9 p.m.	7	65	52	49	bc. o w m	or b.	or tl	0·1
Manchester ,,								
Birmingham ,,	–	74	54	39	b bc. o.	o. c.	c	3·7
Oxford to 8 p.m.	*	76	53	46	bc om	om bc b	bc. o.	*
S. Kensington (Museum Grounds to 6 p.m.)	1	78	60	48	o. cm	em bcq	bc. c.	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

10th & 11th Septr. 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·19 / 5·22	11·50 / 11·50	6·21 / 6·18
Greenwich	5·28 / 5·30	11·57 / 11·57	6·26 / 6·24
Wick	5·32 / 5·35	12·9 / 12·9	6·46 / 6·43
Valencia	6·8 / 6·10	12·38 / 12·38	7·8 / 7·6

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 70° and 75° in several parts of England and Wales, and reached 78° at South Kensington and Southend-on-Sea. The amount of bright sunshine was as a rule small or only moderate. Rain fell in nearly all districts and thunderstorms or thunder only occurred in the west.

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.

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Wyman & Sons Ltd., Fetter Lane, London, E.C., and Reading.

§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday, 11th September, 1914.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.‡	Temp. Dry Bulb.°F	Temp. Change in 24 hours.°F	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday. Hours
BRITISH ISLANDS.	Deerness ...	1007·4	55	SSE	3	f	996·6	*	55	-1	WSW	4	–	r	3	1	59	54	f	fe	f.op	0·0
	Lerwick ...	1008·2	56	S	2	f	997·3	-9	56	-1	S	5	–	f	3	2	61	55	bcm	bcf	fp	*
	Stornoway ...	1006·5	58	S	6	oq	997·9	0	51	-5	WSW	4	–	bcq	4	4	62	51	cdp	coq	o.bcpq	0·4
	Castlebay (Barra Isd.)	1007·1	58	SSW	4	o	1000·3	0	55	-2	W	4	W	bc	4	7	58	52	c.o	o	or.o.bc.	0·0
	Glasgow ...	1010·1	63	SW	1	bz	1000·9	-3	54	-3	WSW	3	W	c	*	1	68	54	m.c.o.cz	c.o.cz	bc.opc.	2·1
	Eskdalemuir ...	1010·6	65	SE	1	bcf	1001·8	-3	53	+1	WSW	3	Sc	o	*	5	70	52	of.bc	bc	c.or	8·0
	Malin Head ...	1009·5	60	SSW	6	c	1002·5	o	55	-2	WNW	7	Ni	bcq	5	8	62	55	c	cq	bcq	0·2
	Blacksod Point	*	*	SW	6	or	*	*	*	*	WNW	6	*	*	6	*	*	*	om.bcv	bcv.or	cmp.bc.	*
	Valencia ...	1012·8	59	SSE	4	og	1011·9	+2	57	-1	W	5	–	c	5	6	61	54	c	or	or.c.	1·4
	Roche's Point	1014·4	60	W	3	c	1010·7	*	55	-5	WNW	3	NW	c	2	2	68	55	c.o	o.c	or.bc.	*
	Birr Castle ...	1012·0	60	SSW	1	c	1008·0	*	53	-6	W	3	–	c	*	7	65	52	c.o	o.c.	or.c.	0·4
	Donaghadee ...	1011·2	59	S	2	bcz	1003·3	-3	55	-2	NW	4	NW	cq	4	5	61	54	of	bcz	omr.og	*
	Liverpool (Bidston)	1011·6	66	SSE	1	bc	1003·6	-5	55	-5	SSE	2	SE	o	2	6	71	54	o.bc	bc	or	5·1
	Holyhead ...	1011·9	61	WNW	3	bcf	1004·6	-1	58	-3	WNW	6	NW	cdpq	6	13	70	56	b.bc.c.o	p.c.bcf	f.bor.o	3·8
	Pembroke (St. Ann's)	1013·3	60	WNW	1	c	1007·7	+2	58	-2	WNW	6	NW	cq	6	10	67	58	cm	f	cm	2·7
	Newquay ...	1013·7	61	NW	2	om	1009·5	-2	60	-1	WNW	5	W	o	5	6	64	57	e.bm.cm	bc.cm	bc.opq	3·0
	Scilly (St. Mary's)	1015·5	60	WNW	4	cm	1010·7	+1	58	-2	WNW	7	NW	cqp	5	2	63	57	om	om	cm.cqp	0·5
	Jersey (St. Aubin)	1014·0	64	W	3	b	1013·5	*	61	0	SW	5		o								
	Portland Bill ...	1011·9	63	W	3	bc	1009·5	-3	58	-5	SW	5	–	or	4	2	65	58	c	cp	c.bcv	*
	Dungeness ...	1013·5	66	ESE	1	c	1009·5	-5	64	+1	SW	4	SW	cuq	4	–	69	62	bc	bc	bcq	*
	Dover	1014·2	64	SE	1	bc	1009·5	-1	63	0	SW	4	SW	op	5	–	68	58	bc.c	c.bc	bcc.o	2·5
	Wick	1008·3	56	S	1	m	997·8	-3	55	-1	SSW	3	–	m	3	1	58	54	om.f	f.om	b.omp	*
	Nairn	1007·9	65	WSW	2	cz	998·3	*	55	-2	W	1	–	cgp	1	1	70	54	m.bc	bz	cgm	7·1
	Aberdeen ...	1010·5	57	SSE	3	f	998·3	-5	59	0	SW	1	–	o	2	–	68	57	om.bm	bf	f.om	5·7
	Leith	1010·9	63	ESE	1	bc	1000·5	-2	57	-3	WSW	3	W	c	*	–	65	56	o.c.	c.bc	c.o	*
	Tynemouth ...	1011·8	61	SE	3	bm	1002·2	-7	59	+6	SW	3	–	omr	3	2	61	53	f	f	bm	2·0
	Spurn Head ...	1013·0	65	SE	4	bc	1005·8	-3	59	+1	S	4	–	og	4	–	69	55	bc	bc	c	5·0
	Yarmouth ...	1014·1	65	S	2	or	1007·4	-3	59	-6	SW	2	–	o	1	1	69	55	o.bc	bc.od	bc.fo	2·2
	Clacton-on-Sea	1013·7	66	ESE	2	c	1008·3	-3	62	-3	SW	4	W	og	3	–	68	61	bc.c	c.bc.c	c.bc.b.o	2·2
	Nottingham ...	1012·3	70	SSW	1	bc	1005·4	*	58	-1	SW	2	SW	r	*	0·2	76	55	c	c.bc	bc.b.	5·7
	Bath	1012·5	66	S	2	bc	1007·4	*	55	-7	S	1	S	r	*	8	70	53	p.o.c	c.o.bc	bc.b.or	3·3
	London (Kew Obsy.)	1013·5	67	S	2	bv	1008·9	-2	61	-2	SW	3	SW	om	*	0·4	72	59	bcm.c	c.bc.bv	cv.bcom	4·6
	Falmouth ...	1014·0	62	NNW	2	c	1010·2	o	58	-2	W	2	*	o	3	5	68	57	Sunshine 7·8			
	Markree Castle..	1010·1	58	SSE	3	c	1006·1	*	50	-7	WNW	1	*	c	*	6	*	*				
	...												*		*	*	*	*				
	...												*			*	*	*				
	...												*									
	Spitzbergen ...	1007·0	30	–	0	b	1009·7	o	28	0	SE	1	*	b	*	*	30	23				
NORTHERN EUROPE.	Vardö	996·8	48	SW	1	r	999·5	-7	43	-2	NNE	6	–	o	4	*	48	36				
	Bodö	1008·8	52	SW	4	r	1005·1	-1	48	-4	–	0	–	r	0	8	52	46				
	Christiansund	1013·3	57	–	0	c	1006·4	-3	57	0	NE	1	–	c	2	–	66	54				
	Skudesnaes ..	1015·9	61	S	5	o	1004·6	-5	63	+2	E	5	S	c	2	1	63	59				
	Færder (X'iania Fjord)	1019·5	63	SSE	2	o	1012·3	-3	61	0	SSE	2	–	b	2	trace	63	59				
	The Scaw (Skagen)	1019·5	63	SSE	3	o	1011·8	-6	63	+2	SSE	4	–	b	3	–	66	61				
	Blaavands Huk	1017·3	68	SE	2	b	1008·4	-4	61	-2	SE	1	–	o	2	–	75	54				
	Haparanda ...														*							
	Hernösand ...														*							
	Stockholm ...														*							
	Wisby														*							
	Karlstad														*							
	St. Petersburg														*							
CENTRAL EUROPE.	Berlin														*							
	Frankfurt... ...														*							
	Munich														*							
	Vienna														*							
	Cuxhaven ...																					
	The Helder ...	1014·0	69	ENE	1	c	1008·7	-3	63	-3	S	3	–	c	1	3	70	61				
	Brussels	*	*	*	*	*									*							
FRANCE.	C. Gris Nez ...												*									
	La Hève	1014·4	70	SSE	2	c	1013·3	*	61	+2	WSW	4	*	o	4	3	79	57				
	Ushant							*					*									
	Brest (St. Mathieu)	1016·4	66	WNW	3	c	1014·0	+5	68		SW	5	*	r	4	1	72	59				
	Rochefort (Ile d'Aix)	1017·2	66	WSW	3	c	1019·8	+2	64		W	4	*	o	*	1	72	64				
	Biarritz	1018·9	68	WNW	3	o	1022·6	+2	64		WSW	4	*	o	5	16	73	61				
	Paris	1015·4	63	S	2	c	1015·9	o	61		SSW	3	–	o	*	11	70	57				
	Belfort							*					*		*							
	Lyons	1018·4	67	N	1	bc	1021·3	*	58		SSE	1	*	c	*	–	76	56				
	Nice	1019·5	65	W	2	bc	1020·6	+1	67		W	1	*	c	o	trace	77	59				
	Perpignan ...	1017·9	61	–	0	o	1021·0	o	66		W	2	–	b	*	–	75	59				
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.)...	1023·8	63	NNE	3	r	1025·5	+2	59	-4	SSE	1	–	o	4	11	66	59				
	Madrid (8 a.m.) ...														*							
	Lisbon (9 a.m.) ...																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1032·2	*	SSE	4	o	1033·6	*	*	*	N	1	*	b	1	*	*	*				
	Madeira (Funchal)																					

RAINFALL.

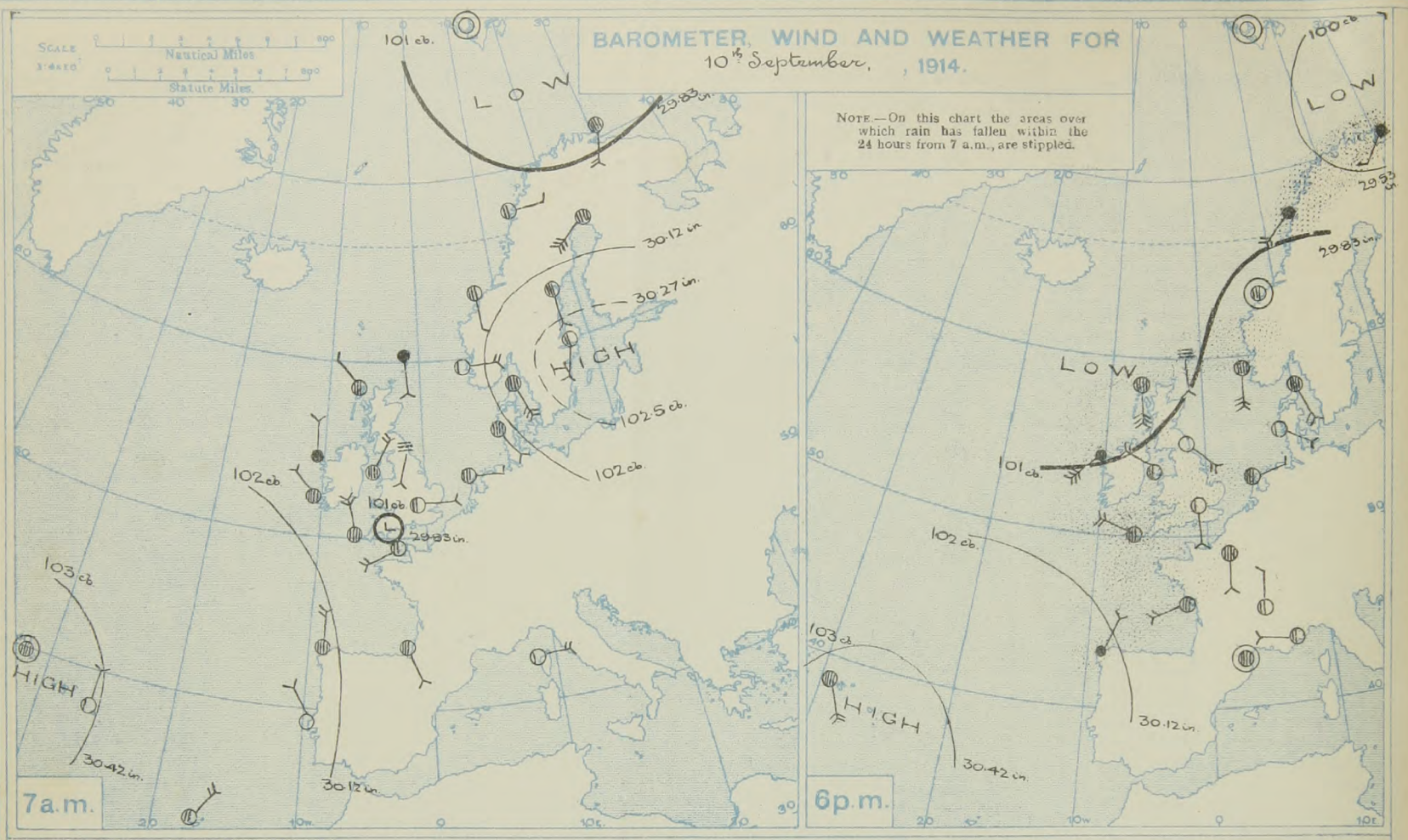
Equivalents of Millimetres in Inches.

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

1 Millimetre = ·03937 inch. Rainfall amounts expressed in Millimetres may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1·6 per cent.)

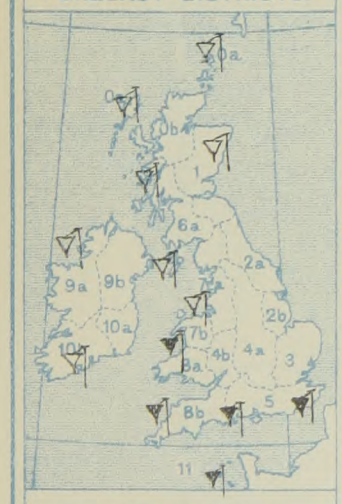
* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

BAROMETER, WIND AND WEATHER FOR 10th September, , 1914.



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.

South Cone hoisted yesterday at 7.5 p.m. in Districts 0, 1, 6, 7, 9 and 10; and today at 8.30 a.m. in Districts 5, 8 and 11.

Western Channel and Bay.

0 a, b; 1 — Freshening Westerly to North-Westerly winds; squally and showery at first, then fair; cold night.

2 a, b; 3; 4 a, b — Fresh or strong South-Westerly to Westerly or North-Westerly winds; squally and showery at first, then fair and cool.

5 — South-Westerly to Westerly or North-Westerly winds, strong or high at first, but moderating later; squally and showery at first, then fair and cool.

6 a, b; 7 a, b; 8 a, b; 9 a, b; 10 a, b — Strong or high Westerly and North-Westerly winds, moderating later; some local showers at first, then fair; cool.

11 — Westerly and North-Westerly winds, strong to a gale at first, moderating later; sea rough; squally and showery, then fair and cool.

FURTHER OUTLOOK.

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

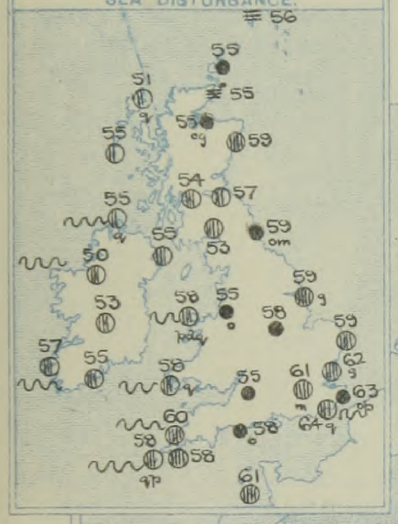
W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Friday, 11th SEPTEMBER, 1914.

GENERAL INFERENCE.

The "V" shaped depression which is passing across the United Kingdom will travel eastward, and in its rear the wind will shift temporarily to the Westward or North-Westward, with fair, cool weather. On our western and southern coasts the Westerly wind will blow with considerable strength.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



HIGH 1028

100·5 cb.

29·68 in.

29·53 in.

LOW 43

100 cb.

45°

Generally falling

29·68 in.

48

29·53 in.

29·83 in.

57

29·38 in.

LOW

56

99·5 cb.

100 cb. 55°

51

59

55

100·5 cb.

50

58

101 cb.

59

63

57

101·5 cb.

Barometer rising

58

Barometer falling

29·97 in.

61

102 cb.

61

30·12 in.

102·5 cb.

64

58

57

103 cb.

rising

64

59

Bar

66

65°

30·27 in.

HIGH 1035·6 mb.

30·42 in.

Inches
31
30
29

SCALE 1 : 2 × 10⁶
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 50° | 50°–60° | 60°–70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ⅞ clouded. ◍ overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⊼, thunderstorm.

SEA DISTURBANCE.—Rough ~~~. High ≈≈.

DAILY WEATHER REPORT.

Friday, 11th September, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			mb.	‡		(0–12).	

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			mb.	‡		(0–12).	

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
	Banff	4	72	56	rm.c.	bcy	5.1
	Stonehaven						
	Carnoustie	3	64	57	*	*	3.7
	St. Andrews	4	68	57	c	bc	4.9
Eng. N.E.	Harrogate	0.3	73	54	or.bc.b.	o.bc.	5.9
	Scarborough	*	65	58	c.b.	o.c.	4.8
	Skegness	–	72	57	b.bc.	bc.w	4.8
Eng. N.W.	Douglas (I. of M.)	–	68	55	bc	bc	5.0
	Morecambe	–	73	56	bc	bc	3.1
	Blackpool	–	71	56	c	o	3.6
	Southport	1	73	56	b.o.bc.	bc.o	5.1
Midlands.	Buxton	–	69	57	bc.o.	c	5.5
	Leamington Spa	1	72	58	bc	c.bc.	5.0
	Malvern	1	70	58	c	c	0.5
	Ross-on-Wye	3	69	58	op	c.op.c.	0.8
Wales.	Rhyl	1	73	56	bc	bc	5.3
	Colwyn Bay	–	72	57	c	bc	3.6
	Llandudno	1	72	60	c	bc	3.5
	Bettws-y-Coed	2	72	55	c	c	2.4
	Aberystwyth	1	71	61	ro.c.	c.bc.	4.0
	Tenby	6	72	60	b.or	r.c.	5.2
	Swansea	18	72	60	bc	thr	2.9
England. E.	Cromer	1	72	58	bc.oc.	bc.b.op	3.0
	Lowestoft	1	70	62	c.op	op.c.	2.1
	Felixstowe	–	67	65	c	bc	0.9
	Walton-on-Naze	–	70	64	o	bc.o.	?
	Southend-on-Sea	–	72	63	bc.	bc.bc.	4.2

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
England, S.E.	Tunbridge Wells	2	71	60	c.bc	bc	4.7
	Margate	–	71	62	c	c.bc.	1.8
	Ramsgate	–	68	62			1.1
	Folkestone	–	69	63	bc. o	o. bc.	2.0
	Hythe						
	Littlestone	*	*	*	*	*	6.3
	Hastings	3	70	62	op.bc.b.	b	7.7
	Bexhill-on-Sea	–	72	63	b	bc.or.	8.4
	Eastbourne	5	70	62	bc.b.	b.bc.	8.2
	Seaford	2	71	61	bc.b.	b.bc.	7.5
	Brighton	2	69	62	c.bc.	bc.c.o.	5.4
	Worthing	–	70	62	bc	bc.	6.5
	Littlehampton	2	68	62	o.bc.b.	bc.c.	3.3
	Bognor	2	68	62	op	op.o	3.8
	Southsea	0.3	68	64	o.or	c.o.	3.2
	Ryde						
	Ventnor						
	Bournemouth	4	67	60	r.o	c.o.	1.2
England, S.W.	Weymouth	13	66	60	c.bc	bc.g	1.7
	Exmouth	25	68	59	r.bc.	or.	1.0
	Teignmouth to 9 p.m.	26	67	60	or.p	op	2.7
	Torquay	26	70	60	or	bc.c.o.	2.7
	Paignton	22	69	59	bc.op	op.c.	3.0†
	Plymouth to 9 p.m.	2	69	56	c.b.	c.b.p.	6.1
	Falmouth	2	68	57	bc	bc	7.8
	Penzance	7	68	60	bc	bc	5.5
	Bude	7	70	61	r.bc.	bc.em	9.5
	Ilfracombe	26	68	60	o.c.bc.	bc	6.8
	Weston-super-Mare	20	67	59	r.bc.b.	r.bc.c.	0.6

† to sunset.

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	°F.	°F.	°F.	mm.§			
				24 Hours ended 9 a.m. To-day.						
Greenwich (Royal Obsy.)	62	95	6.6	75	57	48	2	bc	bc	bc.c.or.
City (Bunhill Row)	*	*	3.4	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	65	97	3.5	73	58	55	4	bc	bc	bc.or
Camden Sq. (Brit. Rainfall)	60	94	3.6	75	58	54	4	bc	bc	*
Hampstead (Reservoir)	*	93	3.7	70	56	53	5	c	c	c.or
Richmond Park	*	*	5.9							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	79	99	5.4							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
921.2 Joules	19.7 Milliwatts	56 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	°F.	°F.	°F.				Hr.
Dublin to 4 p.m.	–	68	56	56	bc.o.	o.c.	c.b.	*
Darwen to 9 p.m.	1	68	54	51	or.bc	bc	bc	4.4
Manchester ,,								
Birmingham ,,	0.3	69	59	53	*	o.c.	c.o.	0.9
Oxford to 8 p.m.	*	70	58	53	or.b.c.	c.o	o.c.bc	*
S. Kensington (Museum Grounds to 6 p.m.)	1	74	62	58	or.c.bc	bc.c.	c.bc.c.	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

11th & 12th Sept. 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.22 / 5.23	11.50 / 11.49	6.18 / 6.16
Greenwich	5.30 / 5.31	11.57 / 11.56	6.24 / 6.22
Wick	5.35 / 5.37	12.9 / 12.8	6.43 / 6.40
Valencia	6.10 / 6.11	12.38 / 12.37	7.6 / 7.4

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 70° and upwards in many parts of Great Britain, and to 75° at Nottingham. The amount of bright sunshine was as a rule somewhat small. Rain was experienced in many districts, and in the west the falls were locally rather heavy. A thunderstorm occurred at Swansea and thunder was heard at Exmouth.

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.

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§ 1 mm. is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday, 12th September 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	995·4	53	WNW	3	c	994·3	-2	52	-4	SW	3	SW	bc	3	6	57	49	od	c	bcp	*
	Deerness ...	996·9	53	W	3	b	995·1	*	50	-5	W	4	W	pg	4	2	58	46	r.o.e	c.bc.b	bcp.c	4·6
	Stornoway ...	997·1	54	SW	5	bcq	997·8	0	48	-3	W	6	SW	cq	5	3	59	47	bcq	bcq	cpq	8·7
	Castlebay (Barra Isd.)	1000·1	53	WSW	5	bc	1001·9	0	52	-3	W	5	W	bc	5	1	57	49	bcp.bc	bcp.bc	cp.bc.	7·6
	Glasgow ...	1002·9	53	W	5	bc	1004·6	+1	48	-6	W	3	-	b	*	1	58	47	c.bc.b	b.bcp.c	bcbcp	8·7
	Eskdalemuir ...	1004·0	49	W	3	bc	1006·0	+2	47	-6	SW	3	W	o	*	2	59	44	o.bc	bc	bc.cp.b.	6·6
	Malin Head ...	1003·2	54	W	7	bc	1004·9	0	53	-2	WNW	8	NW	c	7	5	61	48	bcq	bcqp	cqp	7·1
	Markree Castle	1008·4	53	WNW	2	cp	1009·5	*	51	+1	S	2	-	o	*	3	*	*	cp	cp.b.o	c.o	7·5
	Blacksod Point	*	*	WNW	5	bcp	*	*	*	*	WNW	5	*	*	4	*	*	*	bcp	bcp	cqp	*
	Valencia ...	1015·3	56	WSW	4	c	1013·7	-3	56	-1	SW	3	-	om	4	2	60	54	cqp	cqp	cp	4·1
	Roche's Point	1013·9	57	NW	4	bc	1015·0	*	54	-1	WSW	2	-	o	3	0·3	60	52	cqp.bc	b.qp.bc	bc.o.	*
	Birr Castle ...	1010·9	55	W	4	c	1011·8	*	51	-2	SW	1	-	o	*	3	59	50	cp.op	cp	o	7·2
	Donaghadee ...	1006·1	53	WNW	6	bcqp	1008·0	+1	48	-7	WNW	3	W	bc	3	0·4	60	46	bcq	bcqp	bcqp	*
	Liverpool (Bidston)	1007·6	55	W	6	bc	1009·8	+2	53	-2	W	6	W	oq	5	9	60	49	oq	bcp	oqrk	4·1
	Holyhead ...	1008·6	58	W	6	cqp	1011·1	0	55	-3	WSW	4	W	cz	4	trace	60	53	c.bc.cq	p.bc.bq	bcp.o.c	6·8
	Pembroke (St. Ann's)	1013·2	58	W	5	bc	1014·4	0	57	-1	W	6	W	cq	6	0·3	60	55	oqrm	bcq	bcq	7·0
	Newquay ...	1014·0	57	WNW	4	cqr	1016·4	0	57	-3	NW	1	-	ou	4	3	62	55	c	cp	c.op	2·5
	Scilly (St. Mary's)	1015·7	58	WNW	5	bcqp	1017·8	+2	57	-1	WNW	4	W	cmqp	5	1	63	54	omqp	bcqp	bc.cqp	4·0
	Falmouth ...	1015·0	58	W	4	bc	1017·4	0	56	-2	WSW	3	NW	bc	3	2	62	52	c.bq	bcq	p.bc.	3·3
	Jersey (St. Aubin)	1014·1	61	W	4	c	1018·8	*	59	-2	W	3		c								
	Portland Bill ...	1011·4	60	WNW	5	bc	1015·4	+2	58	0	W	5	W	bc	4	6	64	56	rg	bc.	bc.	*
	Dungeness ...	1007·6	62	W	5	bcgq	1013·6	+1	55	-9	W	4	W	b	4	5	66	50	cpg	bcpg	bcb.	*
	Dover	1007·5	61	W	3	o	1013·4	+2	53	-10	W	3	-	b	4	6	64	48	or	or.c.o	o.cbcb.	1·4
	Wick	997·4	53	SW	3	bc	998·1	+1	48	-7	WSW	3	W	bc	3	-	58	45	om	gm.bc.	om.bc	*
	Nairn	999·9	55	W	4	cu	999·8	*	50	-5	WSW	2	-	bc	2	0·2	62	46	p.bc	qu.bc	qc.	5·2
	Aberdeen ...	999·3	55	WNW	3	bc	1001·0	+3	51	-8	WSW	2	W	bc	2	-	63	43	om.c	bc	bc.b.	4·3
	Leith	1002·5	57	W	4	b	1004·3	+1	51	-6	WSW	4	W	bc	*	-	65	48	c.bc.	c.bc.b.	bc.c.	*
	Tynemouth ...	1002·2	57	NW	3	bc	1005·3	+2	51	-8	W	4	W	bc	3	1	63	48	cmp	omp	bc.	5·2
	Spurn Head ...	1003·4	60	WNW	6	c	1007·9	0	51	-8	W	5	W	c	5	2	67	51	or	o.cq	c.bc	1·9
	Yarmouth ..	1004·5	59	W	2	c	1010·4	+3	50	-9	W	2	-	b	1	3	62	45	omr	omr.c	bc.b.	0·0
	Clacton-on-Sea	1006·2	60	W	4	c	1011·8	+2	52	-10	WSW	4	-	b	3	3	64	50	ogr	or.c	c.bc.b.	0·7
	Nottingham ...	1006·9	57	WNW	4	bc	1010·5	*	49	-9	W	3	W	b	*	2	61	45	r.o.c.	c.bc.	bcp.b.	1·9
	Bath	1010·5	60	NW	3	c	1014·5	*	55	0	W	4	W	b	*	1	66	51	r.o.c	c.o.bc	bc.b.	5·5
	London (Kew Obsy.)	1008·3	61	WNW	4	c	1013·6	+2	52	-9	SW	3	-	b	*	8	64	49	omor.o	o.c.bc	bc.b.	1·7
ICELAND, FAEROE, &c.	Spitsbergen ...	1011·4	33	NE	2	o	1010·6	0	32	+4	-	o	*	c	*	-	34	28				
	Isafjord... ...												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1013·7	39	NE	2	r	1015·9	0	43	0	S	1	-	b	3	*	43	39				
	Bodö	1004·3	54	E	1	c	998·6	-2	59	+11	E	5	W	c	2	5	54	48				
	Christiansund	996·3	61	SE	1	c	989·5	+2	59	+2	SW	1	-	c	2	4	64	57				
	Skudesnaes ..	993·6	61	S	6	o	995·7	0	55	-8	NW	5	-	o	4	41	64	54				
	Færder (X'ianiaFjord)	1000·2	63	S	6	m	994·0	-3	59	-2	S	4	-	r	3	1	64	59				
	The Scaw (Skagen)	1001·5	63	S	6	m	993·6	-4	59	-4	S	4	-	o	3	4	64	57				
	Blaavands Huk	1000·8	63	SW	2	r	998·0	+5	55	-6	NW	4	-	r	5	20	66	54				
	Haparanda ...	1008·2	54	-	0	o	1010·3	+1	50	-5	E	4	-	o	*	-	64	48				
	Hernösand ...	1006·1	57	-	0	b	1002·1	-2	55	+1	SSE	2	-	r	*	trace	66	48				
	Stockholm ...	1008·7	59	SSW	4	b	1001·9	-2	63	+2	S	2	-	o	*	-	72	55				
	Wisby	1010·0	61	SSE	4	b	1003·3	-2	61	0	SSW	2	-	o	*	-	70	57				
	Karlstad	1003·3	68	SE	2	o	997·3	-3	61	+2	ESE	2	-	c	*	2	72	57				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1001·7	59	SSW	5	r	1007·3	+2	54	-9	W	5	-	thr	4	24	64	54				
	Brussels	*	*	*	*	*							*		*							
	C. Gris Nez ...												*									
	La Hève	1012·8	60	WNW	5	o	1017·5	*	57	-4	W	5	*	o	5	4	70	52				
	Ushant	1014·9	60	NW	4	o	1021·2	*	61		W	4	*	o	4	-	64	55				
	Brest (St. Mathieu)												*									
	Rochefort (Ile d'Aix)	1017·5	63	W	6	r	1023·7	+3	63	-1	WNW	6	*	o	*	7	68	57				
	Biarritz												*									
	Paris														*							
	Belfort	1017·2	61	WSW	4	o	1018·4	*	52		W	7	*	c	*	16	70	50				
	Lyons							*					*		*							
	Nice	1019·1	64	-	0	b	1012·7	+3	68	+1	E	4	*	b	5	trace	77	61				
	Perpignan ...	1021·0	68	N	1	bc	1022·4	+3	66	0	W	4	NW	o	*	-	79	61				
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.)	1025·7	66	NW	1	o	1028·9	+2	57	-2	SSE	1	-	o	3	1	70	57				
	Madrid (8 a.m.)	1026·2	75	N	2	b	1027·0	+2	63	+2	NE	1	NE	b	*	-	79	57				
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1033·5	*	SSE	4	bc	1034·0	*	*	*	NW	2	*	o	1	*	*	*				
	Madeira (Funchal)																					

GALES.

Duration and Extreme Force in British Islands.

Malin Head.
11th, 8pm – 12th, 7a.m.
Extreme WNW 9 at 4am.

Scilly
11th, 2pm.
Gust 18 m.p.s.
12th, 4a.m.
Gust 20 m.p.s.

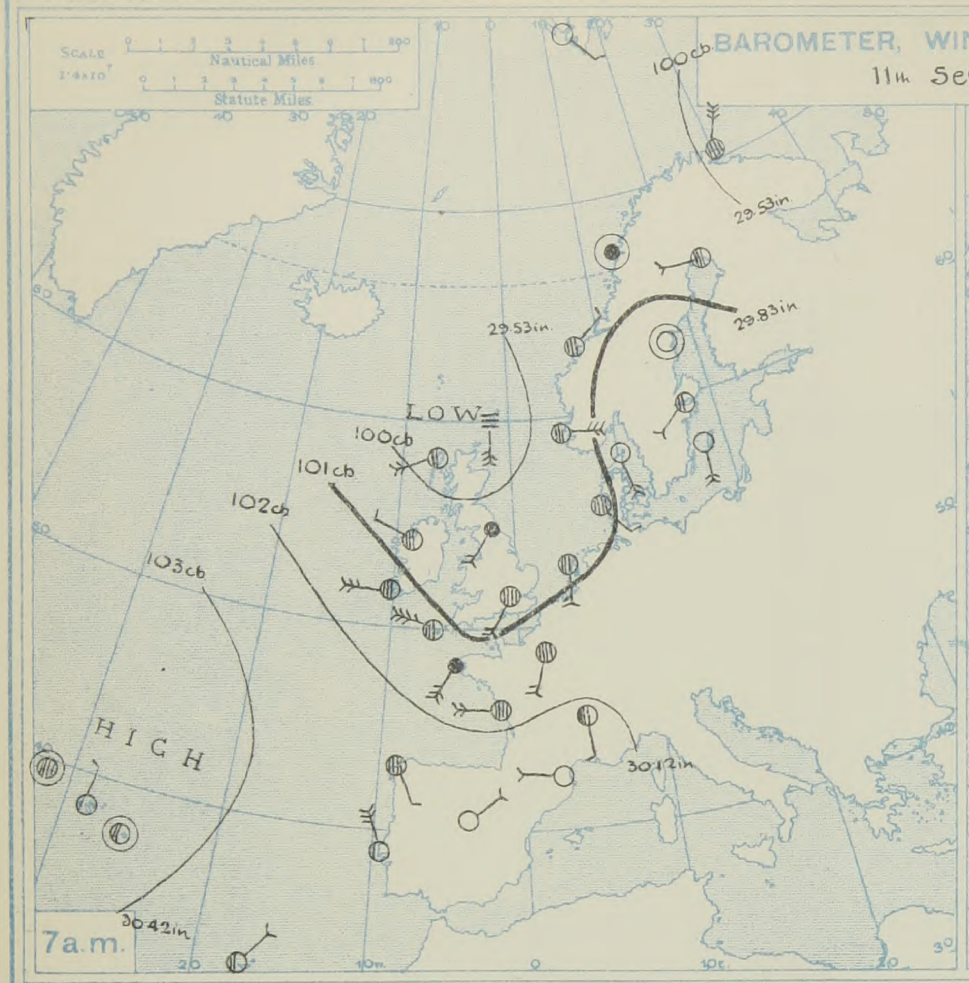
Dungeness
11th, 9am – 3pm.

Dover.
11th, 1pm.
Gust 23 m.p.s.

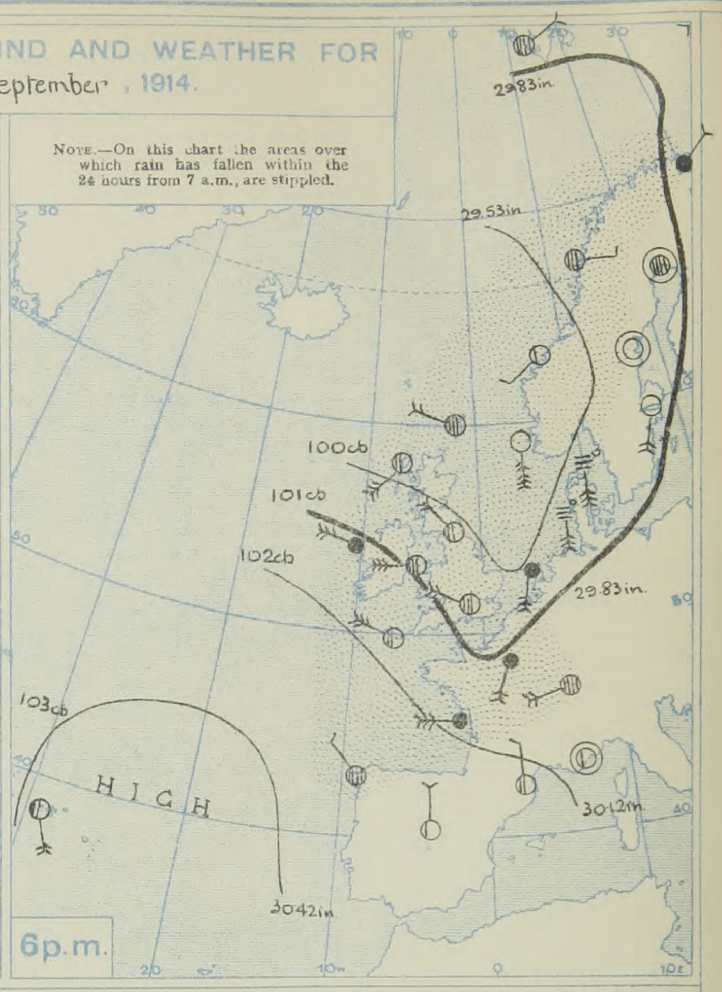
Southport
11th 3pm – 12th, 8a.m.
Extreme WSW.
Gust 24 m.p.s.

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

BAROMETER, WIND AND WEATHER FOR 11th September, 1914.

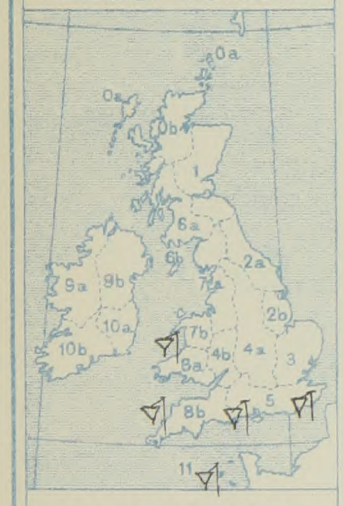


Note.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



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.

South Cone hoisted yesterday at 8.30 a.m. in Districts 5, 8 and 11.

Western Channel and Bay.

0 {a, b} — Westerly to North-Westerly winds, strong in places; cool, changeable, some showers.

1, 2 {a, b} — Westerly and South-Westerly winds, moderate or fresh; fair at first, some showers later; cool.

3, 4 {a, b}, 5 — South-Westerly and Westerly winds, freshening considerably; fair at first, squally and showery later; cool.

6 {a, b}, 7 {a, b} — Same as No. 0.

8 {a, b}, 9 {a, b}, 10 {a, b} — Strong Westerly to North-Westerly winds; squally, showery; remaining cool.

11 — Freshening Westerly winds and a rather rough sea; squally, showery, misty in places; cool.

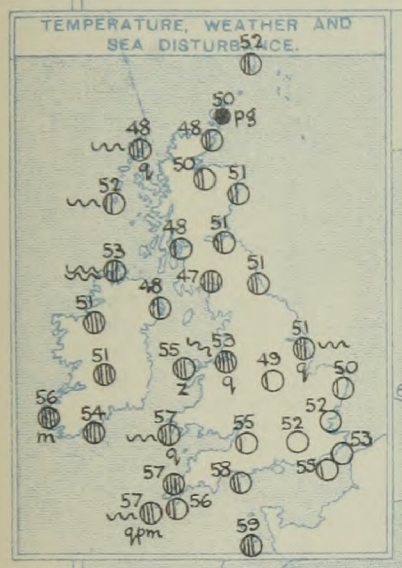
FURTHER OUTLOOK.

R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Saturday, 12th SEPTEMBER, 1914.

GENERAL INFERENCE.

The general conditions are likely to remain very unsettled. A small secondary depression which is approaching the west of Ireland will pass in an easterly direction across the country and will occasion showers in most districts and strong South-Westerly to Westerly winds on our southern coasts.



101cb
101·5cb.
100·5cb
100cb
99·5cb
99cb
101·5cb
102cb.
102·5cb
103cb
HIGH
LOW
Barometer falling
Barometer rising
29·97in.
29·83in.
29·24in.
29·68in.
29·38in.
29·53in.
30·12in.
30·27in.
30·42in.
60°
50°
Bar. falling
Barometer rising
Inches.
31
30
29

Scale 1 : 2 × 10⁶
Nautical Miles 0 1 2 3 4 600
Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded, ◍ sky ¾ clouded. ◍ overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder. ⊤R, thunderstorm.

SEA DISTURBANCE.—Rough ~~ High ≈.

DAILY WEATHER REPORT. Saturday, 12th September, 1914.

REPORTS FOR YESTERDAY.

11th September.

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min
Haparanda	1007·7	55	SW	6	o	1005·3	o	55	+7	W	2	W	c	*	–	55	48
Hernösand	1015·1	61	SW	2	bc	1010·9	−2	54	−1	–	o	–	b	*	–	68	46
Stockholm	1021·9	59	SSW	2	o	1016·7	−4	61	+2	SW	2	–	bc	*	–	64	52
Wisby	1024·4	55	SSW	2	b	1018·3	−3	61	+6	S	4	NW	o	*	–	64	50
Karlstad	1019·9	63	–	o	c	1014·6	−4	59	+2	SE	2	–	bc	*	–	68	55
Madrid	1013·2	77	SW	2	b	1023·5	+4	61		NE	2	–	b	*	?	79	57
Lisbon	1026·8	68	WSW	7	b	1022·6	+3	63	o	NNW	5	NW	b	5	–	72	61
Madeira (Funchal)	1024·0	75	NE	3	bc	1024·2	−1	68	o	NE	3	NW	bc	3	–	79	68

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	6	57	52	bc.op.	bc	4·7
	Banff	1	60	54	rg.c.	bc.b.	4·0
	Carnoustie	–	65	54	*	*	9·3
	St. Andrews	–	64	55	*	*	7·9
Eng. N.E.	Harrogate	1	61	54	o.c.	c.b.bc.	4·0
	Scarborough	*	65	57	c.b.	o.c.	2·4
	Skegness	4	61	56	cd.bc.	bc.c.	0·4
Eng. N.W.	Douglas (I. of M.)	6	60	52	cq	cqprh	7·0
	Morecambe	7	58	53	o.bc.	bcp.bc.	4·3
	Blackpool	9	61	52	or.c.	op.c.	4·2
	Southport	7	61	54	p.o.bc.	bcp.bc	5·7
Midlands.	Buxton	7	61	52	or.bc	c.	1·5
	Leamington Spa	5	65	54	c.b.	c.b.	2·5
	Malvern	7	64	53	bc	bc.	5·5
	Ross-on-Wye	6	65	53	cq.v	c.bcq	4·3
Wales.	Rhyl	9	60	55			4·7
	Colwyn Bay	8	64	53	p.bc.	bcp	3·6
	Llandudno	6	62	55	cp	bc	3·6
	Bettws-y-Coed	3	62	54	op	op	1·8
	Aberystwyth	7	62	56	r.o.c.	c.bc.	4·2
	Tenby	16	69	56	b	b.bc.	7·6
	Swansea	10	65	58	p	p	5·1
England. E.	Cromer	5	72	58	o.or	o.or.c.	0·0
	Lowestoft	1	63	58	op	o.c.	0·0
	Felixstowe	2	64	58	o	c	1·1
	Walton-on-Naze	2	64	57	r.o	o.cq.	0·8
	Southend-on-Sea	3	68	61	or.o	bc.r.o	1·9

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm §	°F.	°F.			Hr.
England, S.E.	Tunbridge Wells	6	66	55	or.o.	bc	1·0
	Margate	5	65	58	c	c	0·6
	Ramsgate	3	65	55	r	p	0·3
	Folkestone	6	65	56	or	r.bc.	1·3
	Littlestone	*	*	*	*	*	2·0
	Hastings	1	65	57	or.o.	bc.	3·0
	Bexhill-on-Sea	6	67	57	or	o.bc.	3·3
	Eastbourne	8	65	56	or	bc	3·1
	Seaford	8	66	56	o.or.	bc	3·2
	Brighton	8	68	59	or.ob.o.	c.bc.b.	3·8
	Worthing	6	67	56	r.bc	bc	4·6
	Littlehampton	8	71	66	r.o.bc.	bc.cu	4·6
	Bognor	11	68	57	or.cp	c.b.	4·6
	Southsea	1	67	56	or.o.c.	bc	5·0
	Bournemouth	7	67	55	o.c.	c	4·5
England, S.W.	Weymouth	8	66	56	c.bc.	p.bc.	6·1
	Exmouth	8	65	59	bc.b.	o.c.b.	6·0
	Teignmouth to 9 p.m.	5	64	58	c.bc	bc	4·3
	Torquay	8	65	59	bc	bc.c.	4·7
	Paignton	4	66	57	c.bc.	bc	5·2†
	Plymouth						
	Falmouth	6	62	57	c.bq	bcq	3·3
	Penzance	5	65	58	bc	c	4·4
	Bude	4	64	58	bcp.c.	bc	7·6
	Ilfracombe	8	62	58	c.bc.	bc.c.	6·1
	Weston-super-Mare	8	64	55	cp.b.	b.pc.	4·6

† to sunset.

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	65	88	2·0	66	49	42	4	or	c.bc.	bc.b.
City (Bunhill Row)	*	*	1·7	*	*	*	*	*	*	*
Westminster (St. James's Pk.)			1·4							
Camden Sq. (Brit. Rainfall)	64	64	1·8	66	47	43	4	or.o.	bc.	*
Hampstead (Reservoir)	*	67	1·8	63	47	42	3	or.c	bc	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.

Total.	Average Rate.	Max. Rate.
537 Joules	11·6 Milliwatts.	51 Milliwatts.

S. Kensington (Roof of M.O.)	75	77	1·9

Additional Observations for Yesterday.

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	5	61	54	54	rq.c.	c.bq	clqq.b.	*
Darwen to 9 p.m.	10	60	48	?	c.or	or	bc.opth	2·2
Manchester ,,	7	62	51	*	b.bc.or	op.bc.	bc.op.bc	3·0
Birmingham ,,								
Oxford to 8 p.m.	*	64	54	48	bc.c.or	or.o.	c.bc.	*
S. Kensington (Museum Grounds to 6 p.m.)	7	69	57	56	c.or.	or.c.bc	bc.	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

12th & 13th Sept. 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·23	11·49	6·16
	5·25	11·49	6·13
Greenwich	5·31	11·56	6·22
	5·33	11·56	6·19
Wick	5·37	12·8	6·40
	5·39	12·8	6·37
Valencia	6·11	12·33	7·4
	6·13	12·33	7·1

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° at most of the English stations, to 71° at Littlehampton, and to 72° at Cromer. The amount of bright sunshine was as a rule small Rain fell in nearly all districts, and a gale from the Westward was experienced on many parts of our western and southern coasts. Thunder was heard at Darwen.

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.

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§ 1 mm. is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday, 13th September 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	990·7	51	W	4	bc	991·3	+1	49	-3	SW	2	–	b	1	3	55	45	bcp	bcp	bcp	*
	Deerness ...	993·2	49	W	4	c	993·9	*	46	-1†	SSW	4	–	cpq	4	6	52	44	pq c	cpq	cr·o	1·6
	Stornoway ...	994·5	52	W	6	cq	996·0	+3	50	+2	W	4	W	cpq	3	34	55	42	cqp	cqp	bcpq	7·1
	Castlebay (Barra Isd.)	996·8	49	NW	4	op	999·8	+3	52	0	W	4	W	bc	4	2	55	46	bc.op	op	cp·bc	2·2
	Glasgow ...	998·1	51	W	2	c	1000·9	+4	47	-1	WSW	1	NW	c	*	6	53	41	bc.op.o	op c.b.c	cp·bc	1·3
	Eskdalemuir ...	999·7	47	SW	2	or	1002·3	+3	43	-4	S	3	SW	c	*	8	51	38	o	or	or·c	0·2
	Malin Head ...	998·8	52	W	6	o	1002·9	+4	53	0	WNW	7	NW	o	7	5	56	47	cqp	qgqp	ogqp	1·4
	Markree Castle	1003·7	62	W	2	p	1004·1	*	50	-1	NW	2	–	o	*	6	*	*	or	op	bc·rq	0·0
	Blacksod Point	*	*	WNW	5	cqp	*	*	*	*	NW	6	–	cqp	5	*	*	*	op	op cqp	cqp	*
	Valencia ...	1004·0	56	WNW	4	op	1014·8	+1	56	0	W	5	W	cm	6	3	61	55	omr	om·f	cq	0·1
	Roche's Point	1006·1	59	NW	3	o	1014·6	*	54	0	W	2	–	c	2	?	61	52	qfd	d	cq bc	*
	Birr Castle ...	1004·8	51	SW	1	r	1016·8	*	52	+1	W	3	–	o	*	8	54	49	or	or	o	0·0
	Donaghadee ...	1000·9	51	W	5	cqp	1004·1	+6	50	+2	NW	6	NW	bcqp	5	3	53	45	cqp	cqpr	bcqpd	*
	Liverpool (Bidston)	1001·8	50	SW	2	o	1004·7	+2	52	-1	W	6	W	cq	6	13	56	49	qpq	or	orq	0·0
	Holyhead ...	1002·3	52	WSW	3	oeq	1007·9	+3	53	-2	WNW	8	NW	cqq	7	5	56	52	c·o.or	r·op·o	cp·pc	0·1
	Pembroke (St. Ann's)	1003·1	57	NW	4	c	1011·6	+2	55	-2	WNW	6	NW	cq	6	10	60	53	cq	rf	cqqp	0·3
	Newquay ...	1005·5	61	SW	5	omd	1014·0	+3	57	0	W	5	W	cq	6	1	62	56	o	omd	od·cq	0·1
	Scilly (St. Mary's)	1007·6	61	W	7	omqr	1015·4	+2	57	0	WNW	6	NW	bcq	7	3	63	56	cm.fr	omr	omq·bc	0·0
	Falmouth ...	1006·5	62	WSW	7	r	1014·9	+4	55	-1	WNW	4	–	o	4	4	63	53	cdq	mdq	oq	0·8
	Jersey (St. Aubin)	1010·4	61	SW	4	mr	1014·7	*	59	0	W	4		c								
	Portland Bill ...	1002·2	63	WSW	7	oqp	1011·2	+6	57	-1	WNW	6	NW	b	4	5	63	56	c.o	c.or	or·bc	*
	Dungeness ...	1005·3	55	S	4	r	?	+6	52	-3	WNW	5	NW	bcq	5	8	65	56	bc.or	c.or.	r·bcq	*
	Dover	1006·5	55	SW	5	r	1007·0	+8	53	0	NW	6	NW	b	5	6	63	49	b.bc	c or cr	ro·c·b	5·5
	Wick	995·0	48	WNW	3	o	995·2	+1	46	-2	WSW	3	W	o	3	1	58	40	c·op	omp	ombom	*
	Nairn	995·4	50	W	2	cu	996·7	*	47	-3	WSW	3	–	bc	2	1	56	39	bcq.c	cqp	u·cr	4·6
	Aberdeen ...	995·9	53	W	2	o	997·8	+2	46	-5	–	o	NW	b	2	trace	60	41	bc.c	c.o	opc·b	3·6
	Leith	998·1	52	WSW	3	o	1000·0	+2	49	-2	W	3	NW	bc	*	1	65	44	c·op	c·o·c	c	*
	Tynemouth ..	1000·3	52	W	3	omq	1001·2	+4	47	-4	NW	3	NW	bc	3	2	57	44	om	omp	cqp	2·6
	Spurn Head ...	1004·8	54	SW	5	r	1001·7	+4	51	0	W	7	–	bq	5	2	59	47	c·oq	or	or	2·8
	Yarmouth ...	1008·9	52	SW	2	or	1007·1	+5	50	0	W	4	NW	bcq	3	6	60	45	bcq	cq·o	orq·bc	4·5
	Clacton-on-Sea	1005·8	56	SW	4	ogr	1004·3	+7	50	-2	WNW	5	–	bc	4	15	64	49	b bc.c.o	ogd	ogr·bc	5·2
	Nottingham ...	1002·9	58	SW	1	r	1005·2	*	47	-2	W	2	W	bc	*	6	58	46	bc·o	or	r·o	2·7
	Bath	1001·3	55	SE	1	r	1010·8	*	52	-3	W	5	NW	b	*	6	62	50	bc.c.or	r	r·o·b	2·3
	London (Kew Obsy.)	1003·8	54	S	2	or	1008·3	+7	51	-1	WSW	3	NW	bc	*	5	60	50	b.c.oq	oq or od	ogmr.cv	3·0
ICELAND, FAEROE, &c.	Spitsbergen ...	1012·3	31	NW	4	o	1013·9	o	28	-4	NW	4	*	b	*	–	34	25				
	Isafjord... ...												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1009·2	45	SSE	4	o	1007·0	+2	46	+3	S	1	–	c	2	*	45	37				
	Bodö	996·6	57	E	7	c	994·7	o	59	0	ENE	4	–	bc	2	–	61	55				
	Christiansund	992·7	50	NNE	1	r	991·4	+1	50	-9	SW	1	–	c	3	18	59	46				
	Skudesnaes ..	993·2	52	NW	4	r	991·9	o	50	-4	NNE	2	–	r	2	16	59	46				
	Færder (X'tania Fjord)	993·5	59	WSW	6	b	992·0	o	57	-2	S	?	–	c	3	1	63	55				
	The Scaw (Skagen)	997·2	55	S	3	c	991·9	o	50	-9	SW	1	–	o	2	–	63	45				
	Blaavands Huk	1001·2	55	SW	4	o	991·8	o	54	-1	S	1	–	o	1	8	59	50				
	Haparanda ...	1007·5	52	SE	6	o	1005·2	-2	50	0	E	4	–	o	*	1	55	48				
	Hernösand ...	998·4	57	NE	2	c	994·0	o	57	+2	–	o	–	o	*	10	57	50				
	Stockholm ...	998·0	61	S	4	o	995·7	o	54	-9	SW	2	–	r	*	3	68	52				
	Wisby	999·1	59	SSW	2	r	995·3	-2	55	-6	–	o	–	r	*	2	68	54				
	Karlstad	994·7	57	WSW	4	bc	993·0	-1	52	-9	SW	2	–	bc	*	trace	66	48				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1004·7	59	W3W	5	o	995·8	+5	55	+1	WNW	7	–	thr	7	24	61	52				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...												*									
	La Hève	1008·2	57	SW	6	r	1012·3	*	55	-2	NW	5	*	c	6	4	70	48				
	Ushant												*									
	Brest (St. Mathieu)	1014·0	61	W	6	f	1018·1	+3	58		NW	4	*	c	3	2	68	55				
	Rochefort (Ile d'Aix)	1020·7	63	WSW	6	o	1018·4	+3	64	+1	NW	7	*	r	*	2	68	61				
	Biarritz	1025·6	66	W	3	c	1023·9	+1	64		SW	5	*	r	5	4	70	63				
	Paris														*							
	Belfort						*	*					*		*							
	Lyons	1019·1	60	NW	1	c	1014·0	*	63		WNW	3	*	o	*	–	65	55				
	Nice	1009·5	72	–	0	bc	1000·0	-5	68	0	SW	3	*	c	2	–	82	64				
	Perpignan ...														*							
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.)																					
	Madrid (8 a.m.)	1020·7	81	–	0	b	1023·8	+2	69	+6	NE	1	–	b	*	–	82	59				
	Lisbon (9 a.m.)	1020·2	79	NNW	5	b	1019·4	o	73	+5	N	3	–	b	5	–	85	70				
	Gibraltar							*														
	Rome	1013·1	70	–	0	b	1010·9	+3	61		–	o	–	c	*	–	79	61				
	Azores (Horta, 8 a.m.)	1033·1	*	NE	3	o	1030·6	*	*	*	WNW	2	*	?	2	*	*	*				
	Madeira (Funchal)	1020·3	77	NE	4	b	1017·5	+1	68	-5	NNE	4	–	b	4	–	81	68				

GALES.

Duration and Extreme Force in British Islands.

Malin Head.
13th, 2a.m.-7a.m.
Extreme WNW 9 at 2a.m.

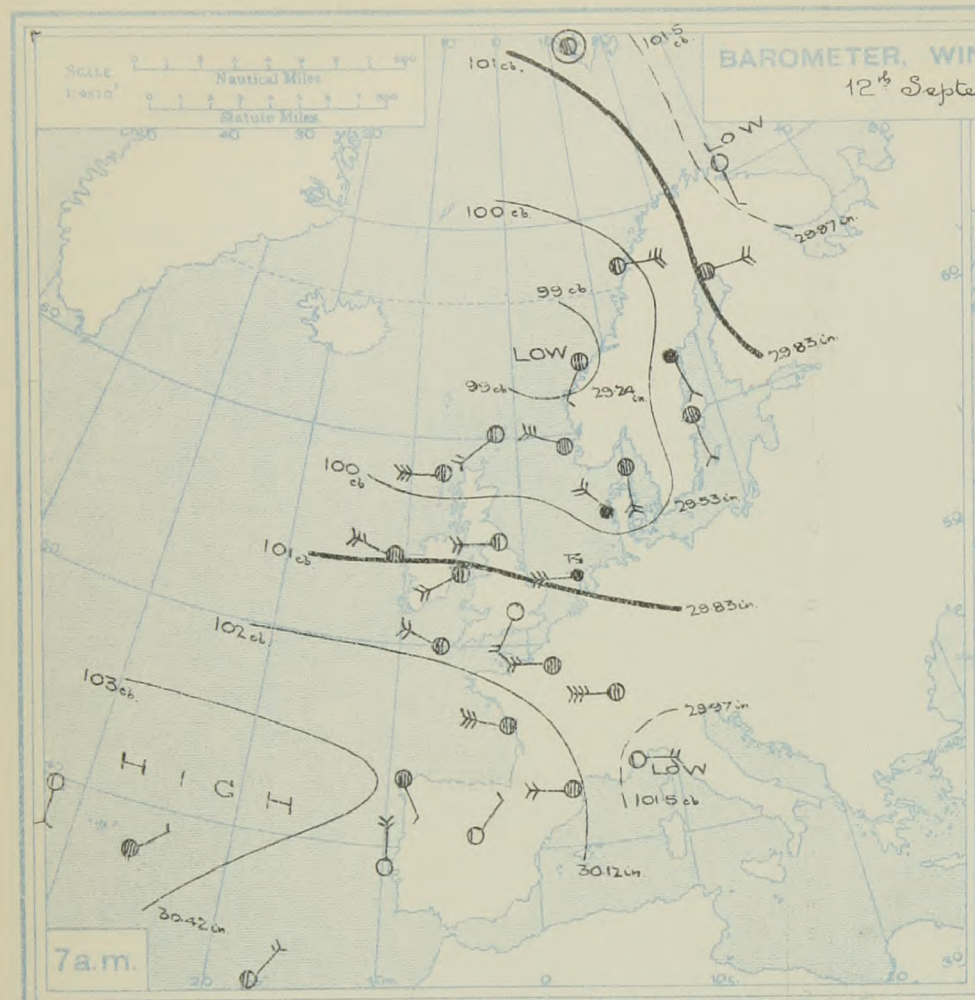
Markree Castle.
13th, Evening.
Gale.

Portland Bill.
12th, 11p.m.-13th, 4a.m.
WNW 8.

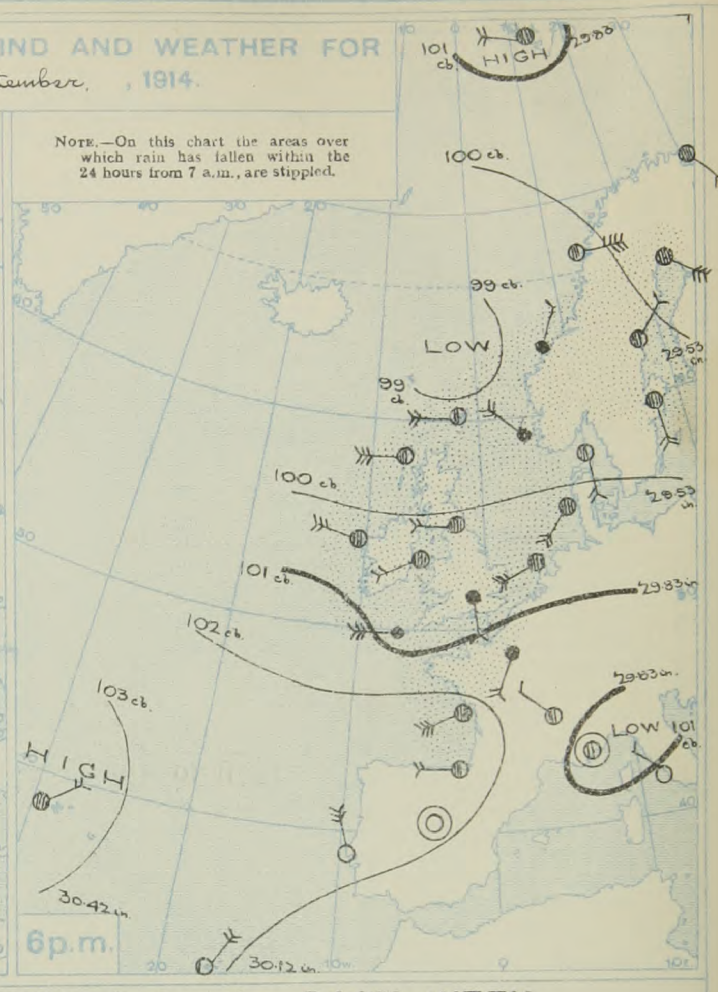
Dover.
12th, 8p.m.
NW 8.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometer has been ...

BAROMETER, WIND AND WEATHER FOR 12th September, 1914.

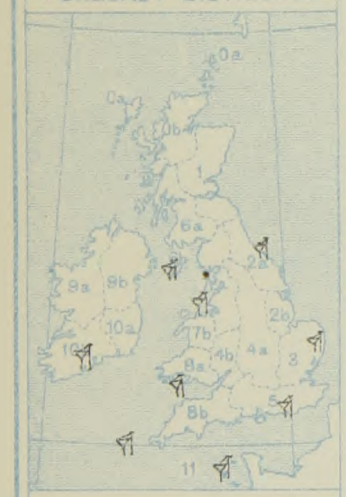


NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



PILOT BALLOON ASCENTS for the PAST WEEK.

Component Velocities to East and to North in Metres per Second.



		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.
Station		Eskdalemuir		Eskdalemuir		Aberdeen		S. Farnborough		Eskdalemuir					
Date & Hour.		6h	7h	7h	7h	7h	8h	8h	18h	10h	3h				
Heights in Kilometres.	4			+1	-4	+4	+4	-3	+10						
	3			-2	+3	+6	+1	-5	+6						
	2	-3	+1	-3	+3	+4	-2	+1	+5						
	1	-2	-1	+1	+5	+5	+3	0	0	+1	+6				
	0.5	-1	-2	-2	+1	+6	+4	+1	0	-1	+5				
	0	0	-2	0	0	+1	0	+1	+3	+1	+3				
Station															
Date & Hour.															
Heights in Kilometres.															

FORECAST DISTRICTS.

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
11

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 at 2.15p.m. yesterday in Districts 2.3.7 & 10. At 7.43p.m. in Districts 5 & 8.

Western Channel and Bay.

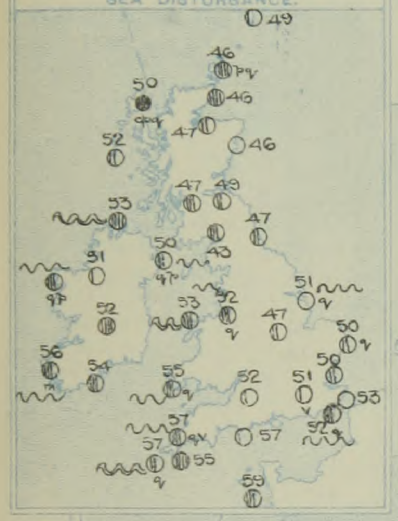
FURTHER OUTLOOK.

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

W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Sunday, 13th SEPTEMBER, 1914.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



HIGH 101 cb. 30° 29·83 in. 28

100·5 cb. 40° 46

100 cb. 99·5 cb. 50° 29·68 in.

Changes very slight

57 55 50 54 52 55 29·53 in.

L O W

99·5 50° 49 100 cb. 46 Barometer 47 100·5 cb. 53 54 29·38 in.

101 cb. 51 53 50 55 29·53 in.

101·5 cb. 56 51 29·68 in.

102 cb. 57 59 Generally 60° 64 rising

102·5 cb. 103 cb. 63 29·68 in. LOW 100·5 cb. 101 cb.

HIGH 64 68 Bar falling 61

70° 29·97 in. 30·12 in. 29·93 in.

89 69 102 cb. 73

30·42 in. 30·27 in. 30·12 in.

L O W

68

SCALE 1 : 2 × 10⁶
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ⅞ clouded.
◍ sky ⅞ clouded. ◉ overcast sky. ▩ rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤ thunder.
⊤≋ thunderstorm.

SEA DISTURBANCE.—Rough ∿∿. High ∿∿.

DAILY WEATHER REPORT. Sunday, 13th Septr, 1914.

REPORTS FOR YESTERDAY.

Saturday, 12th September.

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
Sanguinaire	*	73	N	4	c	*	*	73	*	SSE	4	*	0	3	-	77	66
Lisbon	1022.0	72	NNW	5	bc	1023.8	0	68	+5	N	4	-	b	2	-	79	63
Madeira (Funchal)	1023.5	75	NE	4	b	1022.0	−1	73	+5	NE	3	NE	bc	3	-	77	68

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr
Scotland.	Oban						
Scotland.	Banff	Trace	58	46	b.bc	p.c.bc†	5.1
Scotland.	Carnoustie	-	59	44	*	*	3.4
Scotland.	St. Andrews				*	*	
Eng., N.E.	Harrogate	4	55	45	c.or	r.o	2.6
Eng., N.E.	Scarborough	*					
Eng., N.E.	Skegness	0.3	59	47	o.r	r	3.1
Eng., N.W.	Douglas (I. of M.) ...						
Eng., N.W.	Morecambe	5	57	52	bcp	r	1.1
Eng., N.W.	Blackpool	7	58	52	oc.or	o	0.8
Eng., N.W.	Southport	8	57	51	bcp.o	r.o	0.5
Midlands.	Buxton	22	53	46	bc.r	bc.r	1.1
Midlands.	Leamington Spa	3	58	46	o	or	0.0
Midlands.	Malvern	5	60	50	bc.c	c.r	2.0
Midlands.	Ross-on-Wye	3	59	49	c.o	or.md	1.9
Wales.	Rhyl						
Wales.	Colwyn Bay						
Wales.	Llandudno						
Wales.	Bettws-y-Coed						
Wales.	Aberystwyth	9	58	52	r.o.c	o.r	3.6
Wales.	Tenby	10	61	52	o.r	r	0.0
Wales.	Swansea	8	61	55	r	r	1.9
England, E.	Cromer	1	59	48	b.o	o.or	4.2
England, E.	Lowestoft	7	62	49	or c bc	bc.op c	9.3
England, E.	Felixstowe	1	62	50	bc	or	5.4
England, E.	Walton-on-Naze	0.3*	63	48	bc	odm.	5.2
England, E.	Southend-on-Sea	2	63	50	b	or	4.3
England, S.E.	Tunbridge Wells	5	62	46	b.bc.o	or	4.0
England, S.E.	Margate	2	63	49	b	p	5.4
England, S.E.	Ramsgate	-	64	45	bc	c	5.5
England, S.E.	Folkestone	10	63	48	bc.o	r	5.0
England, S.E.	Littlestone	*	*	*	*	*	5.0
England, S.E.	Hastings	5	63	48	bc.o	or	4.7
England, S.E.	Bexhill-on-Sea	2	62	49	or	or	3.7
England, S.E.	Eastbourne	10	62	52	b bc	or	2.5
England, S.E.	Seaford	6	63	54	bc	r	2.4
England, S.E.	Brighton	9	62	52	or.o.bc	c.or	2.8
England, S.E.	Worthing	10	64	49	bc	r	2.6
England, S.E.	Littlehampton	11	62	50	bc.r	r	2.3
England, S.E.	Bognor	10	64	52	c	c or	2.7
England, S.E.	Southsea						
England, S.E.	Bournemouth	6	61	49	c.or	or	2.8
England, S.W.	Weymouth	8	64	54	bc c	r.o	2.0
England, S.W.	Exmouth						
England, S.W.	Teignmouth ... 9 p.m.	2	64	51	c.or	c	1.0
England, S.W.	Torquay						
England, S.W.	Paignton	5	63	51	o.bc	or.o	1.3
England, S.W.	Plymouth ... ... 9 p.m.	6	63	54	c b	or	1.3
England, S.W.	Falmouth	5	63	53	cdq	mdq	8.5
England, S.W.	Penzance	2	63	56	o	od	0.0
England, S.W.	Bude	8	63	52	p.r.dq	r	0.3
England, S.W.	Ilfracombe	9	62	55	c.or	r	1.0
England, S.W.	Weston-super-Mare ...						

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max. (24 hours ended 9 a.m. To-day.)	Temperature. In Screen. Min. (24 hours ended 9 a.m. To-day.)	Temperature. Min. on Grass. (24 hours ended 9 a.m. To-day.)	Rainfall. (24 hours ended 9 a.m. To-day.)	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.) ...	80	64	3.4	62	49	44	4	b.o	o.r	r.o
City (Bunhill Row)	*	*	2.3	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	85	76	2.9	61	50	45	4	o	od.r	od.r.bc
Camden Sq. (Brit. Rainfall)	55	62	2.4	62	48	44	5	bc.c	o.or	*
Hampstead (Reservoir) ...	*	67	3.0	59	47	42	5	c	c.or	or.bc
Richmond Park ...	*	*	3.0							
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.
662 Joules	14.3 Milliwatts.	44 Milliwatts.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.
S. Kensington (Roof of M.O.)	90	88	2.7

Additional Observations for Yesterday.

STATIONS.	Rain fall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	4	55	50	50	bc o	or	org	*
Darwen to 9 p.m.	21	54	46	44	or.bc	c.or	o.r	1.4
Manchester ,,	17	56	49	*	bc.or.bc	or	or	1.1
Birmingham ,,	4	55	47	41	c	c.r	r	1.8
Oxford to 8 p.m.	*	60	47	42	b bc	bc.o	o.or	*
S. Kensington (Museum Grounds to 6 p.m.)	3	61	49	43	b	bc.o	o or	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

13th & 14th Septr. 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.25	11.49	6.13
	5.27	11.49	6.11
Greenwich	5.33	11.56	6.19
	5.35	11.56	6.17
Wick	5.39	12.8	6.37
	5.41	12.8	6.35
Valencia	6.13	12.37	7.1
	6.15	12.37	6.59

NOTES ON YESTERDAY'S WEATHER.

Temperature reached 65° at Dungeness and Leith, but in many localities the maxima were below 60°. Rain fell in all districts, heavily locally, the amounts ranging up to 33 mm at Stornoway. As a rule the sunshine records were small, but Falmouth had 8·5 hours, and Lowestoft 9·3 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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday, 14th September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	992·9	51	WSW	3	cp	991·0	-2	49	0	SW	3	W	cp	2	10	54	47	cp	cp	bcp	*
	Deerness ...	995·6	51	W	5	bc	991·5	*	48	+2	S	2	W	ou	3	3	55	44	cp·c	cp·c	bc·cp·o	4·5
	Stornoway ...	998·4	49	W	4	bcqp	989·6	-6	46	-4	W	1	–	o	1	2	55	44	cqp	bcqp	bc·o	6·2
	Castlebay (Barra Isd.)	1001·2	51	W	4	cp	987·8	-9	53	+1	SE	4	–	rm	4	4	54	49	bc·cp·c	c·cp·c	c·cp·rm	6·9
	Glasgow ...	1002·9	51	WSW	4	c	999·2	-9	50	+3	E	1	–	r	*	3	57	46	cp·bcq	bcq·cq	c·bc·od	6·7
	Eskdalemuir ...	1005·0	50	SSW	3	o	1003·4	-6	50	+7	SE	1	–	ofr	*	5	56	42	cp·cq	o·cp·oq	o·cp·o	2·7
	Malin Head ...	1004·2	53	WNW	6	bc	989·0	-5	52	-1	WSW	6	W	o	6	3	56	49	bcqp	bcqp	omqp	5·8
	Markree Castle	1006·8	53	S	3	o	994·9	*	56	+5	SSW	2	–	o	*	3	*	*	cp	cp	od	1·2
	Blacksod Point	*	*	WNW	5	*	*	*	*	*	WNW	6	*	oqp	5	*	*	*	cqp·cq	cq	oqp	*
	Valencia ...	1009·0	60	SW	4	omr	1002·4	-1	59	+3	SW	6	–	om	6	13	61	54	om	omr	omr	0·0
	Roche's Point	1010·7	55	SW	2	f	1002·5	*	60	+6	W	4	W	c	4	5	62	53	c·o	orf	r·o·c	*
	Birr Castle ...	1008·6	53	SW	1	r	998·3	*	57	+5	WNW	4	–	c	*	6	60	51	cp	or	or·c	1·1
	Donaghadee ...	1005·4	55	W	5	cq	992·9	-5	58	+8	SSW	4	SW	cmp	3	1	60	50	bcq	cq	omi·cp	*
	Liverpool (Bidston)	1008·7	55	WSW	4	o	998·1	-4	60	+8	SW	3	W	od	3	1	60	52	bcq	c·o	opd	3·9
	Holyhead ...	1008·6	58	SW	5	cg	998·1	-3	60	+7	SW	5	W	bcq	4	1	61	52	o·c·o·cq	bc·c·o	op·opd	5·5
	Pembroke (St. Ann's)	1011·4	56	WSW	5	r	1002·3	-4	61	+6	WSW	8	SW	cqpdm	7	9	61	53	cq	cq	cq·rm	·0·5
	Newquay ...	1012·8	55	SW	1	o	1007·3	-3	61	+4	W	5	–	omd	5	3	61	52	c·or·cv	or·opd	o·rm	0·5
	Scilly (St. Mary's)	1013·9	59	SW	4	fe	1008·7	-4	60	+3	WSW	6	–	fqd	6	1	63	56	cq	omd	fd·omd	3·0
	Falmouth ...	1014·5	56	WSW	1	f	1008·5	-1	61	+6	SW	8	–	omd	6	4	64	54	c·bc	bc·o	mdq	2·9
	Jersey (St. Aubin)	1016·9	60	WSW	4	o	1012·7	*	62	+3	SW	5		og								
	Portland Bill ...	1014·3	60	WSW	4	c	1007·1	-1	62	+5	WSW	5	SW	o	4	1	63	?55	bc·c	c·bc	c·od·r	*
	Dungeness ...	1011·9	61	W	4	bc	1005·6	-2	61	+9	SW	7	–	r	6	4	65	52	bc	bc	bc·or	*
	Dover	1012·8	57	SW	2	bc	1005·3	-1	61	+8	SW	4	W	o	6	6	64	52	b·bc	bc	bc·c·or	8·2
	Wick	997·5	51	W	3	c	992·4	-4	50	+4	WSW	2	–	o	2	3	56	43	omp	cp	bc·o	
	Nairn	999·0	50	WSW	2	c	991·4	*	47	0	–	0	–	cg	1	trace	58	44	pq·bc·c	q·bc	cu	6·7
	Aberdeen ...	999·4	55	WNW	3	c	993·3	-5	50	+4	SSW	1	–	o	2	1	61	46	bc·cp	bc·c	bc·b·op	7·3
	Leith	1002·5	57	WSW	4	bc	992·6	-4	52	+3	SSE	1	SW	md	*	–	61	48	c	c·bc·op	o	
	Tynemouth ...	1004·0	56	WNW	4	bcq	995·9	-13	54	+7	S	3	W	om	4	–	61	46	bcq	bcq	bm	9·3
	Spurn Head ...	1007·5	57	W	6	c	1000·6	-7	55	+4	SSW	4	–	o	4	1	61	50	bcqr	cq	bc	9·9
	Yarmouth ...	1009·8	59	W	2	bc	1002·8	-4	55	+5	S	2	S	o	1	–	62	46	bcq	bc	bc·o	9·2
	Clacton-on-Sea	1010·5	61	W	2	c	1003·7	-5	59	+9	SW	3	W	o	3	1	62	50	bc·c	c·bc·c	c·op	7·4
	Nottingham ...	1009·6	57	W	3	c	1000·0	*	59	+12	SW	3	SW	c	*	0·1	62	47	bc·c	c	c·o·c	6·3
	Bath	1013·2	58	WSW	1	o	1005·1	*	61	+9	W	3	W	r	*	4	64	52	bc·c·o	c·o	od·r	7·1
	London (Kew Obsy.)	1012·1	59	W	2	c	1004·5	-2	61	+10	SW	3	–	o	*	4	63	51	bc·bc·cpo	or·c	c·or·o	7·6
ICELAND, FAEROE, &c.	Spitsbergen ...	1013·3	26	N	2	b	1013·7	0	25	-3	–	0	*	b	*	–	28	19				
	Isafjord												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*		*	*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1004·8	48	SW	3	c	1005·0	0	52	+6	SW	1	–	o	1	*	48	41				
	Bodö	996·3	57	ENE	1	c	996·7	0	50	-9	–	0	–	m	1	14	63	48				
	Christiansund	995·7	54	–	0	b	995·3	-1	50	0	S	1	–	b	3	2	55	50				
	Skudesnaes ..	998·6	54	WNW	3	b	996·3	0	55	+5	S	5	–	r	4	1	57	48				
	Færder (X'tania Fjord)	997·2	55	W	1	c	999·8	+1	54	-3	SW	2	–	b	2	1	57	54				
	The Scaw (Skagen)	997·8	55	W	1	o	1001·5	+2	55	+5	SW	3	–	b	3	–	57	48				
	Blaavands Huk	1001·7	55	NW	3	bc	1003·1	0	59	+5	W	2	–	o	3	5	59	50				
	Haparanda ...	1004·0	55	SE	4	o	1002·6	0	52	+2	SSE	4	–	o	*	–	57	50				
	Hernösand ...	995·7	50	–	0	r	1000·7	+1	43	-14	–	0	SE	b	*	12	57	43				
	Stockholm ...	997·9	54	SE	2	o	1000·8	+1	55	+1	SE	2	–	c	*	2	59	48				
	Wisby	998·3	55	–	0	c	1002·7	+4	57	+2	–	0	S	b	*	2	59	48				
	Karlstad	998·0	54	–	0	b	1001·0	+1	50	-2	–	0	–	bc	*	–	61	43				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...						1005·2	-3	59	+4	SSW	4	–	o	3	2	59	54				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...												*									
	La Hève	1019·1	61	SW	4	r	1011·5	*	62	+7	W	6	*	r	6	2	64	55				
	Ushant							*					*									
	Brest (St. Mathieu)	1019·3	61	WNW	3	o	1015·4	o	51	-7	W	5	*	o	4	–	68	55				
	Rochefort (Ile d'Aix)												*		*							
	Biarritz	1023·5	68	WNW	4	o	1022·7	o	64	o	SW	3	*	o	4	4	70	63				
	Paris	1016·8	57	W	2	b	1013·2	-3	57		SSW	3	–	r	*	3	66	54				
	Belfort	1017·9	54	W	4	b	1019·8	*	50		SW	5	*	r	*	?	62	47				
	Lyons	1016·3	53	N	1	b	1021·2	*	55	-8	SSE	1	*	o	*	2	68	50				
	Nice	1005·1	65	–	0	b	1012·7	+4	71	+3	–	0	*	b	3	–	82	59				
	Perpignan ...														*							
	Sanguinaire ...	*	72	W	6	c	*	*	70	E	2	W	*	b	6	–	73	70				
SOUTHERN EUROPE.	Corunna (7 a.m.)	1026·4	64	N	1	o	1023·7	0	63		–	0	–	o	4	?	68	63				
	Madrid (8 a.m.)														*							
	Lisbon (9 a.m.)																					
	Gibraltar	1019·3	73	E	4	b	1018·3	*	68		E	4	–	bcw	0	–	82	68				
	Rome														*							
	Azores (Horta, 8 a.m.)		*				1026·9	*	*	*	NNE	1	*	o	2	*	*	*				
	Madeira (Funchal)																					

GALES.

Duration and Extreme Force in British Islands.

Malin Head
13th, 7 a.m.–5 p.m.
WNW 8.

Southport
13th, 7 a.m.–8 a.m.
WNW 8.
Gusts 30 m.p.s.

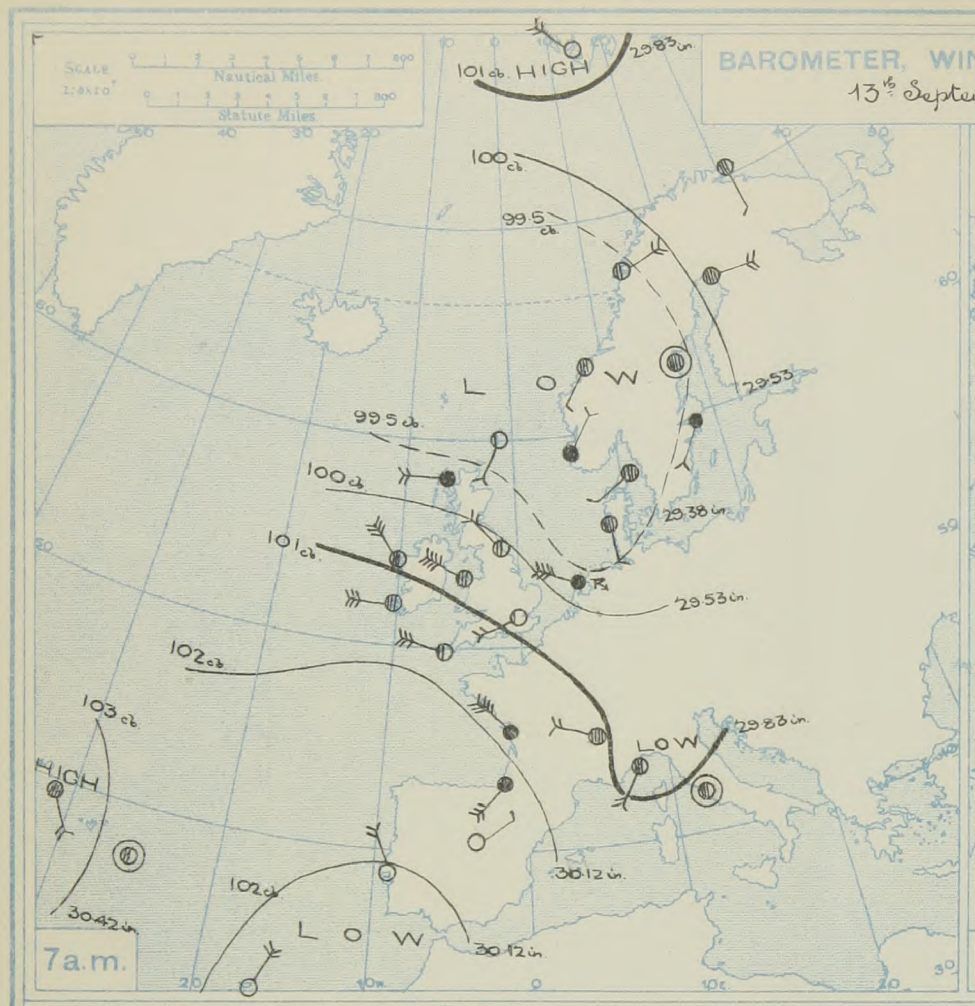
Pembroke
14th, 2 a.m.–7 a.m.
WSW 8.

Falmouth
13th, midt.–14th, 7 a.m.
SW 8

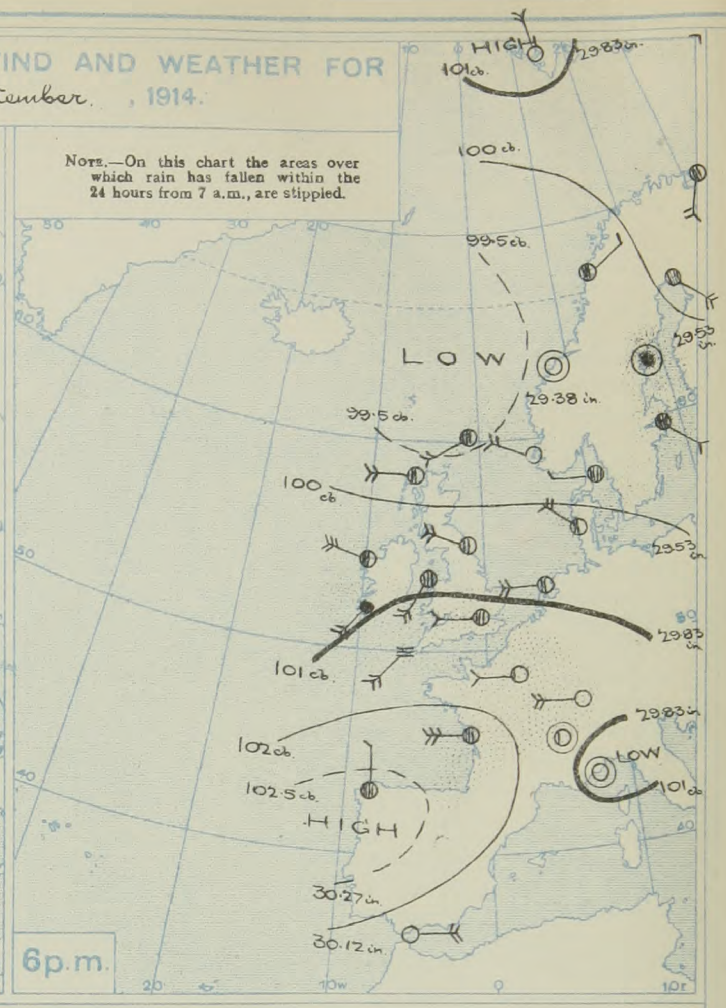
Spurnhead
13th, 2 p.m.
Gust Force 8.

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

BAROMETER, WIND AND WEATHER FOR 13th September, 1914.

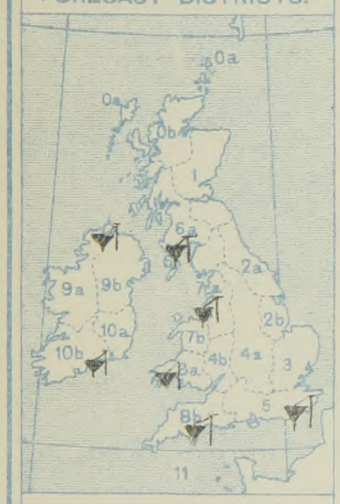


Note.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



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.

South Cone hoisted at 8 a.m. to-day in Dists 5 to 10.

0 {a b} 1 — Wind mainly between South-West and West, moderate to fresh, strong locally; much cloud, some rain and mist; moderate temperature.

2 {a b} 3 4 {a b} — Wind between South and West, increasing in force; much cloud, some mist, occasional rain; rather mild, humid air.

5 — South-Westerly to Westerly winds, fresh to strong or a gale; much cloud, some mist, occasional rain; rather mild, humid air.

6 {a b} 7 {a b} 8 {a b} 9 {a b} 10 {a b} — South-Westerly to Westerly winds, fresh or strong to a gale; mostly cloudy or overcast, some rain and mist; moderate temperature.

Western Channel and Bay. 11 — South-Westerly to Westerly winds, strong to a gale; sea rough; some mist or fog, occasional rain.

FURTHER OUTLOOK.

R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

Millibars
1050
1040
1030
1020
1010
1000
990
980
970

SYNOPTIC CHART FOR 7 a.m., Monday, 14th SEPTEMBER, 1914.

GENERAL INFERENCE.

The large depression centred off our north-west coasts will continue to extend over the United Kingdom, causing an increase in the force of the wind from between South-West and West, with occasional rain in all districts.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.

HIGH

LOW

Barometer falling

Barometer rising

101 cb.

100·5 cb.

100 cb.

99·5 cb.

99 cb.

101·5 cb.

102 cb.

102·5 cb.

29·83 in.

29·68 in.

29·97 in.

30·27 in.

30·12 in.

29·24 in.

29·38 in.

29·53 in.

Inches.

31

30

29

SCALE 1 : 2 × 10⁷

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded.

◕ sky ¾ clouded. ● overcast sky. ● rain falling.

✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.

⊤↯, thunderstorm.

SEA DISTURBANCE.—Rough ∿∿. High ≈≈.

DAILY WEATHER REPORT.

Monday, 14th September 1914.

REPORTS FOR YESTERDAY.

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
	Banff	0·3	57	41	bcp	bc	5·0
	Carnoustie	–	64	40	*	*	8·4
	St. Andrews				*	*	
Eng. N.E.	Harrogate	2	59	41	b	b.bc.o	9·4
	Scarborough	*	66	45	c.b	c.b	8·3
	Skegness	3	63	47	c.bc	g.bc	8·5
Eng. N.W.	Douglas (I. of M.)	7	57	47	cqd	eq	2·6
	Morecambe	7	58	48	bcp	p.bc	4·3
	Blackpool	6	60	48	or	c	5·3
	Southport	8	59	48	o.bc.o	o.bc.o	6·2
Midlands.	Buxton						
	Leamington Spa	5	62	45	c	c	7·7
	Malvern	1	61	47	bc	bc	7·7
	Ross-on-Wye	1	64	48	bcq	c.o	6·1
Wales.	Rhyl	13	59	50			3·8
	Colwyn Bay	7	58	49	r.bc	bc.o	3·3
	Llandudno	6	60	50	c.b	bc	4·2
	Bettws-y-Coed						
	Aberystwyth	12	59	52	r.o	o.c	2·0
	Tenby						
	Swansea	1	61	50	o.c	c.o	4·1
England, E.	Cromer	2	61	42	bc	bc.c	7·0
	Lowestoft	7	62	49	or.c.b	bc.op.c	9·3
	Felixstowe	14	62	50	bcq	bc	7·1
	Walton-on-Naze	13	63	49	bc.c	b.bc	7·6
	Southend-on-Sea	3	64	49	b.bc	bc	6·6
England, S.E.	Tunbridge Wells	3	65	49	bc	bc.c	9·9
	Margate	1	62	53	b	bc.c	5·5
	Ramsgate						
	Folkestone	3	63	50	r.bc	bc	7·2
	Littlestone	*	*	*	*	*	9·4
	Hastings	7	63	50	or.b	b	10·2
	Bexhill-on-Sea	9	64	51	b	b	9·9
	Eastbourne	4	64	61	b	b.bc.b	9·4
	Seaford						
	Brighton	4	65	52	bc	b.bc.o	10·0
	Worthing	4	65	51	b.bc	bc.c	9·6
	Littlehampton	2	64	51	b	b.bc.o	8·6
	Bognor	2	65	51	b	bc.o	9·3
	Southsea						
	Bournemouth	–	63	49	bc	bc.o	5·0
England, S.W.	Weymouth	–	63	52	bc.c	c.bcq	5·0
	Exmouth						
	Teignmouth to 9 p.m.	–	64	54	c	c	2·0
	Torquay	0·3	64	52	o	bc.c.o	1·1
	Paignton	0·3	62	53	opc	c	1·1
	Plymouth						
	Falmouth						
	Penzance						
	Bude	3	64	50			0·0
	Ilfracombe	1	60	55	o.c	c.o.c	0·0
	Weston-super-Mare	3	62	52	b	bc.c	5·5

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-Day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	58	88	7·3	66	54	50	3	bc	bc	c.o.or
City (Bunhill Row)	*	*	6·0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	95	90	7·6	65	55	52	3	bc.o	bc	c.or
Camden Sq. (Brit. Rainfall)	–	88	6·4	65	54	52	3	–	–	*
Hampstead (Reservoir)	*	93	7·3	62	52	50	4	bc	c	or
Richmond Park	*	*	7·4							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	–	?	7·1							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1080 Joules	23·5 Milliwatts.	58 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm.§	°F.	F.	F.				Hr.
Dublin to 4 p.m.	3	59	47	46	rqf.b	bcqp	bc	*
Darwen to 9 p.m.								
Manchester ,,				*				
Birmingham ,,	4	60	45	39	r	c	c	8·8
Oxford to 8 p.m.	*	62	47	41	or.b	b.bc.c	o.c.bc	*
S. Kensington (Museum Grounds to 6 p.m.)	1	64	50	44	o.bbc	bc.c	c	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

14th & 15th Sept., 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·27 / 5·28	11.49 / 11.48	6.11 / 6.9
Greenwich	5·35 / 5·36	11.56 / 11.55	6.17 / 6.15
Wick	5.41 / 5.43	12.8 / 12.7	6.35 / 6.32
Valencia	6.15 / 6.16	12.37 / 12.36	6.59 / 6.57

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 65° at some of our southern and south-eastern stations, and a considerable amount of bright sunshine was recorded except at some stations in the west and south-west of the Kingdom. Rain fell in most districts, the largest measurement reported being 13 millimetres (0·55 in.) at Valencia. The wind rose to the force of a gale on a few parts of the west and 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; 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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday, 15th September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	983·1	53	E	3	c	984·1	+5	49	0	NW	5	SW	c	4	1	54	47	cp	c	cg	*
	Deerness ...	979·3	50	ENE	6	r	988·8	*	47	−1	W	5	NW	bcp	3	11	56	45	ogu	org	r·op·c	1·1
	Stornoway ...	982·0	51	NNW	5	orq	993·4	+6	48	+2	NNW	6	W	bc	5	15	53	46	opv	orq	o·bcpq	0·0
	Castlebay (Barra Isd.)	985·8	50	W	6	op	998·2	+4	50	0	W	5	W	bc	5	5	57	46	rm·op	op	op·bc	0·3
	Glasgow ...	981·9	54	SSW	7	odq	999·9	+6	46	−4	W	5	–	bc	*	4	59	45	opq	opq·q	op·cpq	0·4
	Eskdalemuir ...	984·6	52	SW	6	orq	1002·3	+4	46	−4	W	5	W	cq	*	12	53	44	orqm	orq	orq·cq	2·3
	Malin Head ...	987·8	51	WNW	9	oq	1001·4	+4	50	−2	WNW	8	NW	bc	7	7	56	46	cqpm	oqpm	bcqp	0·8
	Markree Castle	998·6	49	NW	4	bc	1006·8	*	45	−11	S	1	–	c	*	5	*	*	o cp	o cp	bc·o	2·3
	Blacksod Point	*	*	NW	7	cqp	*	*	*	*	WNW	4	*	*	4	*	*	*	opq	opq	oqp·c	*
	Valencia ...	1008·3	54	W	5	c	1009·5	−1	53	−6	SW	4	–	cp	5	3	60	49	cq	cp	cp	4·9
	Roche's Point	1006·3	56	NW	4	c	1011·3	*	52	−8	WSW	2	W	c	3	0·3	61	49	cq	cq	bbc·c	*
	Birr Castle ...	1001·6	52	W	5	c	1008·8	*	45	−12	SSW	1	–	c	*	1	59	44	cqp	cq	cp	3·2
	Donaghadee ...	988·2	53	WNW	9	c	1004·2	+2	46	−12	W	5	W	bcq	4	0·2	61	44	cmqp	cqp	bcq	*
	Liverpool (Bidston)	993·7	59	WSW	8	o	1007·0	+5	52	−8	WSW	6	W	bcq	6	3	66	50	or·bc	bcq	orq	3·5
	Holyhead ...	996·3	57	W	9	ogq	1008·3	+3	52	−8	W	6	NW	bc	5	–	65	51	o·or·o·c	op·o·oq	c·bc·b	2·5
	Pembroke (St. Ann's)	1004·6	63	WSW	8	c	1011·2	+2	52	−9	WSW	5	W	bcq	5	0·1	62	54	cuq	cuq	bq	2·0
	Newquay ...	1008·3	58	W	6	bc	1013·0	+2	56	−5	W	3	W	c	4	1	64	53	op	cq	bc·cp	1·9
	Scilly (St. Mary's)	1009·5	59	W	6	cqpm	1013·4	+1	54	−6	WNW	2	W	cv	5	2	64	52	om·cq	cmqp	c·bc·v·c	5·2
	Falmouth ...	1009·2	59	W	6	c	1014·0	+1	51	−10	WSW	1	–	c	4	3	65	49	p·c·o	bcq	pc	2·9
	Jersey (St. Aubin)	1011·1	64	SW	6	op	1011·5	*	58	−4	W	3		o								
	Portland Bill ...	1006·2	62	W	7	bc	1013·3	+3	57	−5	W	5	W	bc	4	1	64	57	bcp	bc·c	bcp	*
	Dungeness ...	1002·9	63	SW	9	cq	1012·8	+3	55	−6	WSW	4	W	b	4	1	64	53	orq	oq·c	oq·bc	*
	Dover	1003·3	62	WSW	6	c	1013·1	+5	54	−7	W	3	–	b	3	1	65	48	or·o·c	c·or·c	c·bc·b	0·6
	Wick	978·7	53	–	0	r	990·6	+5	45	−5	W	4	–	bc	5	18	54	44	omp	omp·or	omr·bc	*
	Nairn	979·1	55	W	1	cp	994·7	*	47	0	WNW	3	–	cuq	3	11	59	44	r·c	p bc	ouqr	1·4
	Aberdeen ...	979·9	56	SW	4	bc	994·8	+6	49	−1	W	4	W	b	2	2	62	47	od	c bcp	bc·bq·op	1·0
	Leith	982·2	57	WSW	4	o	998·3	+3	49	−3	W	4	W	b	*	1	64	48	or·c	cpq	cq	*
	Tynemouth ...	986·5	60	SW	7	bcqm	1001·5	+5	50	−4	W	7	–	bq	5	–	65	48	c	cm	bq	
	Spurn Head ...	993·6	62	W	7	bc	1005·1	+4	52	−3	W	6	–	bcq	6	–	69	49	c	bc	bcq	5·4
	Yarmouth ...	997·7	65	WSW	6	bcq	1009·1	+4	51	−4	WSW	4	W	bc	2	–	72	46	o bcq	bcq	bbc	3·4
	Clacton-on-Sea	999·8	67	SW	4	bc	1011·2	+7	53	−6	WSW	5	W	bc	4	2	70	50	or·c	oq bc	bc·b·bc	3·6
	Nottingham ...	996·1	60	W	6	c	1008·4	*	49	−10	W	2	W	b	*	0·4	69	46	cp	c	cp·b·	5·0
	Bath	1004·0	61	W	6	c	1013·2	*	50	−11	W	1	W	bc	*	1	69	44	d·o	op cq	qp·cp·b·bc	3·3
	London (Kew Obsy.)	1000·2	64	WSW	5	bcq	1013·2	+4	51	−10	SW	2	W	b	*	0·3	70	49	op·cq	cq bcq	bcq·bcq·b	3·8
ICELAND, FAEROE, &c.	Spitsbergen ...	1014·1	27	SE	2	b	1013·7	o	26	+1	S	2	*	b	*	–	32	19				
	Isafjord												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1003·4	48	–	o	b	999·1	o	50	−2	–	o	–	o	1	*	52	45				
	Bodö	996·2	50	–	o	c	992·6	−1	54	+4	ESE	2	–	b	2	–	52	46				
	Christiansund	988·8	54	SE	1	c	979·4	−2	57	+7	SE	1	–	c	3	–	61	50				
	Skudesnaes ..	986·0	57	S	7	o	980·3	+2	57	+2	SSW	5	–	o	4	14	57	54				
	Færder (Xtiania Fjord)	996·7	59	S	6	o	983·7	−2	52	−2	S	6	–	r	3	16	59	52				
	The Scaw (Skagen)	998·4	59	SSW	5	o	986·9	o	55	o	SSW	7	–	o	4	5	63	55				
	Blaavands Huk	996·4	59	SSW	6	r	994·0	+4	57	−2	W	10	–	o	6	4	61	54				
	Haparanda ...														*							
	Hernösand ...														*							
	Stockholm ...														*							
	Wisby														*							
	Karlstad														*							
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	998·1	64	SW	6	c	1007·3	+7	57	−2	WSW	8	–	c	7	2	64	55				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1003·3	63	SW	8	c	1012·3	+5	57		W	6	*	b	6	7	64	54				
	La Hève	1004·3	63	SW	6	r	1016·2	*	57	−5	WNW	4	*	o	5	3	64	54				
	Ushant							*					*									
	Brest (St. Mathieu)	1015·0	61	WNW	3	m	1016·6	+1	58	+7	SW	1	*	o	3	–	70	51				
	Rochefort (Ile d'Aix)	1018·6	66	W	6	o	1017·9	o	64		SW	4	*	o	*	–	70	64				
	Biarritz	1019·4	68	NNE	3	b	1017·7	−2	65	+1	ENE	1	*	o	5	–	75	64				
	Paris	1012·3	64	SW	3	o	1017·0	+4	59	+2	WSW	2	W	bc	*	1	68	54				
	Belfort †	1016·8	59	WSW	6	o	1019·3	*	57	+7	WSW	4	*	r	*	1	60	56				
	Lyons †	1018·4	65	SSW	1	b	1020·2	*	59	+4	NNE	1	*	b	*	–	73	54				
	Nice	1015·0	65	–	o	b	1016·3	+2	68	−3	–	o	*	b	2	–	72	59				
	Perpignan ...	1017·7	72	W	3	b	1018·6	o	64		W	1	–	b	*	–	82	35				
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.)	1022·0	66	N	1	o	1019·0	o	61	−2	S	4	–	o	4	–	66	59				
	Madrid (8 a.m.) †	1015·4	86	NW	1	b	1018·1	+1	70		NE	1	–	b	*	–	88	63				
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)		*				1024·7	*	*	*	–	o	*	o	1	*	*	*				
	Madeira (Funchal)																					

GALES.

Duration and Extreme Force in British Islands.

Glasgow 14th, 7pm. – 11p.m. W 8.

Malin Head. 14th, 8am. – 15th, 7am. Extreme WSW 9 at 3pm. " NNW 10 at 4pm.

Markree Castle 14th, 3p.m. NW 8.

Birr Castle. 14th, 1pm – 4pm. SW 8

Donaghadee. 14th, 2pm – 15th, 4a.m. Extreme WNW 9 at 6pm.

Southport 14th, 4pm. – 15th, 6a.m. Extreme WSW 9 Gusts 39 m.p.s.

Liverpool. 14th, 6p.m. – Midt. WSW 8

Holyhead 14th, 5pm. Extreme WSW 10. Gusts 29 m.p.s. 14th, 6pm. Extreme W 9. 14th, 7pm. Extreme W 10. Gusts 30 m.p.s. 14th, 9p.m. W 8.

Pembroke 14th, 2a.m. – 8pm. Extreme WSW 9 at 3 p.m.

Dungeness 14th, 8a.m. – 6p.m. Extreme SW 9 at 6p.m.

Aberdeen 14th, 11pm – 15th, 1a.m. W 8. Gusts 28 m.p.s at Midt.

Spurn Head. 14th, 9p.m. Squalls 8

Nottingham 14th, 7p.m. W 8.

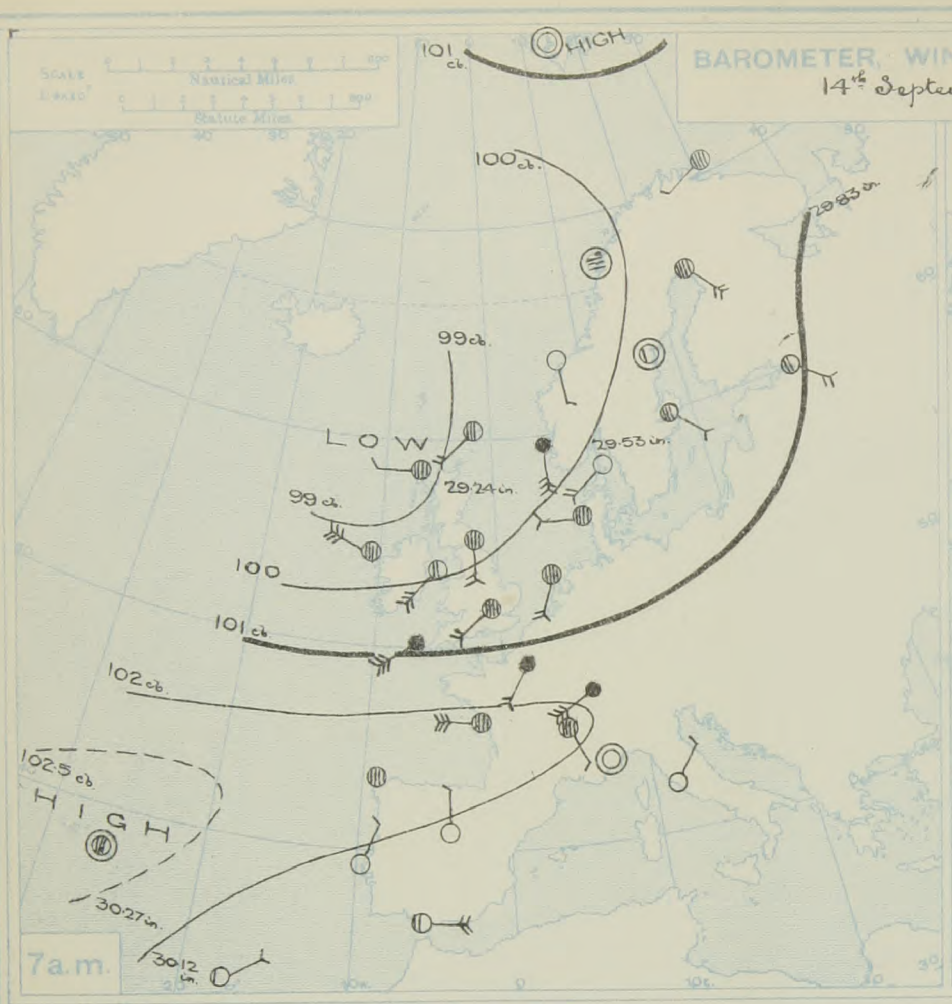
Bath 14th, 1p.m. W 8

Kew Obsy. 14th, 1.35p.m., 2.10p.m. and 3.5p.m. Gusts 17.5 m.p.s. 14th, 2.45p.m. Gust 18 m.p.s

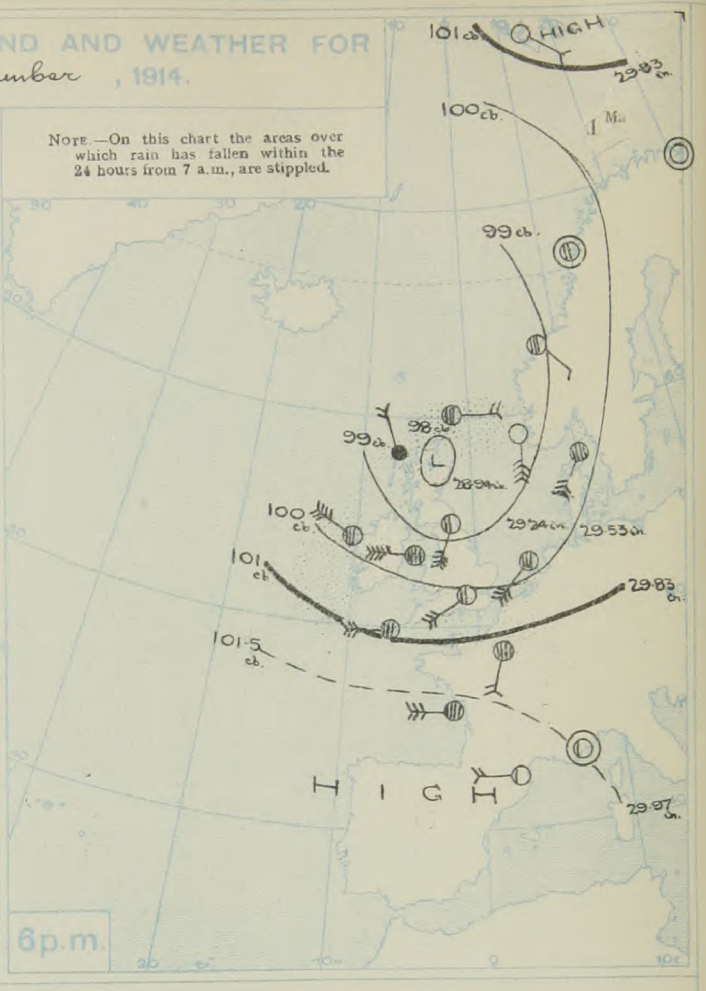
Lochdalemuir. 14th 8pm W 8.

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

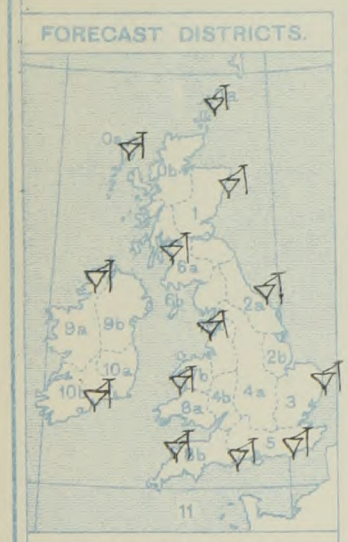
BAROMETER, WIND AND WEATHER FOR 14th September, 1914.



Note.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.



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.

South Cone hoisted at 8 a.m. yesterday in Dists 5 to 10; & at 2.25 p.m. on remaining coasts.

Western Channel and Bay. 11

0 a, b; 1

Wind Westerly to South-Westerly, fresh or strong, then more moderate; mostly fair to-day, but local showers and squalls; some rain again to-morrow; temperature rather low.

2 a, b; 3; 4 a, b; 5

Westerly winds, decreasing temporarily, then South-Westerly, increasing in force; mostly fair to-day, some rain by to-morrow; temperature moderate or rather low.

6 a, b

Same as Nos. 0 and 1.

7 a, b; 8 a, b; 9 a, b; 10 a, b

Westerly to South-Westerly winds, moderate to fresh or strong; fair, then rainy or showery; moderate temperature.

11

Westerly to South-Westerly winds, light to fresh or strong; sea rather rough; fair, then rainy or showery.

FURTHER OUTLOOK.

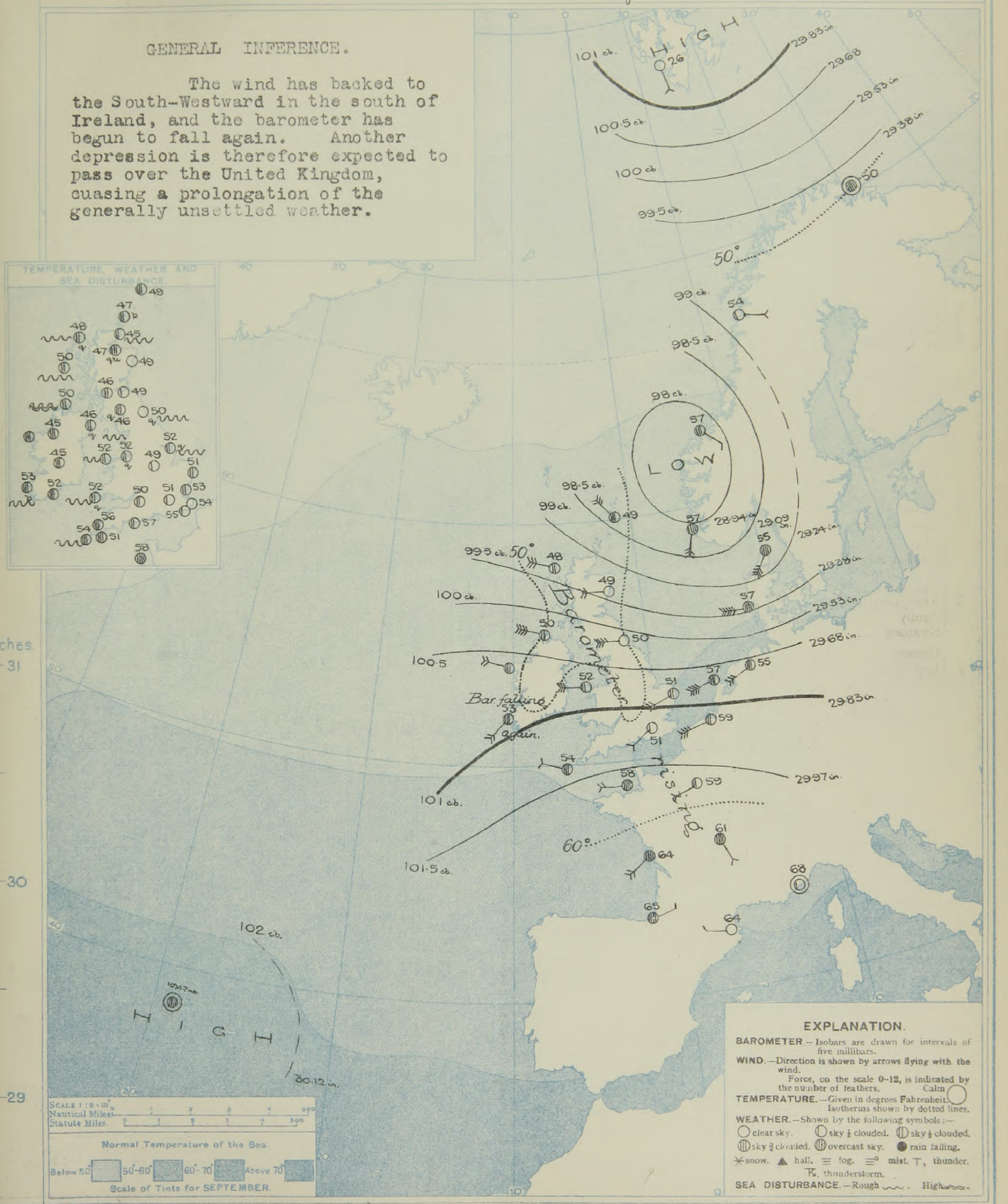
R. G. K. LEMPFERT, Superintendent, Forecast Division.

W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Tuesday, 15th SEPTEMBER, 1914.

GENERAL INFERENCE.

The wind has backed to the South-Westward in the south of Ireland, and the barometer has begun to fall again. Another depression is therefore expected to pass over the United Kingdom, causing a prolongation of the generally unsettled weather.



SCALE 1 : 2 × 10⁶
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ◍ overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⊼, thunderstorm.

SEA DISTURBANCE.—Rough ~~. High ~~.

DAILY WEATHER REPORT. Tuesday, 15th September, 1914.

REPORTS FOR YESTERDAY.

14th September

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp. °F	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L. ‡	Barometer. Change in 3 hours.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min °F.
St. Petersburg	1007·0	77	SE	3	b	1009·9	+2	48		SE	3	-	bc	*	-	68	46
Rochefort (Ile d'Aix)	1020·4	64	W	5	c	1019·9	-2	66	+2	W	6	*	c	*	-	68	63
Madrid (8 a.m.)	1018·1	86	NW	1	b	1020·7	+1	70	+1	N	1	-	b	*	-	88	59
Lisbon (9 a.m.)	1017·2	88	NNW	?	b	1017·3	0	70	-3	NNE	1	-	b	5	-	95	70
Rome	1007·8	70	SW	1	c	1010·1	+3	64	+3	NE	1	-	b	*	-	77	63
Madeira (Funchal)	1013·6	77	N	5	b	1015·1	0	73	+5	NE	2	NE	b	2	-	81	70

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
Scotland.	Banff	1	61	46	d.c.bc	mr.bc	1·2
Scotland.	Carnoustie	2	65	48	*	*	3·0
Scotland.	St. Andrews	1	64	49	*	*	4·6
Eng., N.E.	Harrogate	0·3	65	50	cq	c.bcq	4·6
Eng., N.E.	Scarborough	*	68	52	c.b	o	4·3
Eng., N.E.	Skegness	0·3	71	52	c.o	o	5·4
Eng., N.W.	Douglas (I. of M.)						
Eng., N.W.	Morecambe	4	61	52	op	p.o	0·4
Eng., N.W.	Blackpool	3	64	52	or.c	oq	0·4
Eng., N.W.	Southport	3	65	52	o.bc.c	o.bc.o	4·4
Midlands.	Buxton	3	63	49	b.or.o	bc,	4·3
Midlands.	Leamington Spa	1	69	51	c.b	cb	3·5
Midlands.	Malvern	4	68	57	bc	bc.c	6·1
Midlands.	Ross-on-Wye	3	67	53	oq	cq	3·2
Wales.	Rhyl	1	65	53	o.bc	o.bc	4·0
Wales.	Colwyn Bay	-	64	53	bc	bc.o	2·8
Wales.	Llandudno	1	65	54	b	bc	5·3
Wales.	Bettws-y-Coed						
Wales.	Aberystwyth	5	62	55	r.o.c	c.o	0·7
Wales.	Tenby	11	60	53	op	c.o	2·0
Wales.	Swansea	15	66	54			2·1
England, E.	Cromer	-	72	51	bc	beg	3·1
England, E.	Lowestoft	-	72	52	o.c	c	4·0
England, E.	Felixstowe	1	71	55	omr	cp	4·0
England, E.	Walton-on-Naze	0·3	71	65	cg bc.o	o.c	4·1
England, E.	Southend-on-Sea	5	69	54	o.bc	bc	2·9
England, S.E.	Tunbridge Wells	3	68	52	op.o	c.bc	1·1
England, S.E.	Margate	3	65	53	o.c.bc	bc	4·0
England, S.E.	Ramsgate	4	67	50	p	oc	2·6
England, S.E.	Folkestone	6	64	?54	or	bc.or	0·2
England, S.E.	Littlestone	*	*	*	*	*	0·0
England, S.E.	Hastings	6	64	54	or.o	o.bc	0·1
England, S.E.	Bexhill-on-Sea	5	64	54	or	bc.or	0·2
England, S.E.	Eastbourne	7	65	55	orq	o.bcq	0·0
England, S.E.	Seaford	9	64	53	or.o	or.bc	1·4
England, S.E.	Brighton	4	65	56	o.c	c	1·2
England, S.E.	Worthing	5	66	55	o.bc	bc	2·3
England, S.E.	Littlehampton	6	70	63	p	bcp	1·8
England, S.E.	Bognor	6	66	54		o.c.o	1·6
England, S.E.	Southsea	6	67	55	c	c.o	3·5
England, S.E.	Bournemouth	3	67	54	o.c	c	2·7
England, S.W.	Weymouth	3	68	56	o.c	bc	3·9
England, S.W.	Exmouth	2	70	55	bc.b	c.bc	2·6
England, S.W.	Teignmouth to 9 p.m.	3	68	55	c	c	3·6
England, S.W.	Torquay	2	68	55	od	bc.c	3·5
England, S.W.	Paignton	3	68	54	bc	c	3·3
England, S.W.	Plymouth to 9 p.m.	4	66	54	odq	bcq	3·4
England, S.W.	Falmouth	6	65	55	p.c.o	bcq	2·9
England, S.W.	Penzance	2	67	56	c	c	4·9
England, S.W.	Bude	10	65	52	or.p	op.c	1·6
England, S.W.	Ilfracombe	9	64	54	c	cqp.c	1·2
England, S.W.	Weston-super-Mare	12	67	53	b.bc	b.bc.c	3·0

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	58	64	5·1	73	49	42	-	o.c	c.bcq	bcq
City (Bunhill Row)	*	*	4·4	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	58	63	3·9	71	50	44	-	o.c	bc	bc
Camden Sq. (Brit. Rainfall)	56	60	5·0	73	47	44	-	o.c	c	*
Hampstead (Reservoir)	*	65	4·9	69	57	41	-	o.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	58	3·8							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
831 Joules	18·2 Milliwatts.	71 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	1	62	53	53?	cqp	cqp	q	*
Darwen to 9 p.m.								
Manchester ,,	2	67	51	*	c.or	o.c	c.or	3·9
Birmingham ,,	1	66	51	48	*	c	c	3·5
Oxford to 8 p.m.	*	68	53	52	odr.d	od.o.c	oq.cq	*
S. Kensington (Museum Grounds to 6 p.m.)	3	72	55	53	od.o	o.cq	cq.bcq	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

15th & 16th Sept., 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.28 / 5.30	11.48 / 11.48	6.9 / 6.7
Greenwich	5.36 / 5.38	11.56 / 11.56	6.15 / 6.12
Wick	5.43 / 5.46	12.7 / 12.7	6.32 / 6.29
Valencia	6.16 / 6.18	12.36 / 12.36	6.57 / 6.54

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 70° over a considerable portion of England, but remained below 60° at many places in the north and north-west of the Kingdom. Rain has fallen very generally, the largest measurement reported being 18 millimetres (0·71 in.) at Wick, and little bright sunshine was recorded. Gales from the Westward were experienced on almost all parts of the coast.

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.

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§ 1 mm. is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
16th September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind. Direc.	Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Min.	Weather Morning.	Afternoon.	Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	993·5	50	NW	5	bc	1000·1	+4	49	0	W	3	W	bc	2	9	54	45	bcp	bcp	bcp	*
	Deerness ...	997·3	50	W	5	cqp	1002·0	*	48	+1	WSW	3	W	bcp	3	7	53	47	bcp.c	cqp.c	bcbbcp	4·0
	Stornoway ...	999·6	52	W	5	bcqp	1002·1	+2	45	−3	W	1	–	bc	1	4	55	42	bcqp	bcqp	c.bc.	7·6
	Castlebay (Barra Isd.)	1000·7	51	SW	3	bc	1002·2	0	52	+2	SSE	4	–	op	4	4	55	48	bcp.bc	bcp.bc	bc.b.op	5·5
	Glasgow ...	1004·4	51	SW	3	c	1006·7	+1	48	+2	WSW	3	–	c	*	12	53	45	bcp.hp	gp.o	pp.bcp	5·2
	Eskdalemuir ...	1006·2	49	SW	4	bc	1007·7	+1	45	−1	SSW	3	–	c	*	5	53	41	cq.orh	c.op	c.bc.	4·3
	Malin Head ...	1002·8	53	SSW	6	bcqp	1004·3	0	49	−1	SSW	4	SW	bc	4	4	51	48	bcqp	bcqp	bcq	4·2
	Markree Castle	1006·4	51	SW	1	c	1006·1	*	50	+5	SSE	2	–	o	*	6	*	*	bc.o	c.op	o.c.o	6·5
	Blacksod Point	*	*	NW	4	bcv	*	*	*	*	WNW	4	*	*	4	6	*	*	bcv	bcv	omp.or	*
	Valencia ...	1010·1	54	SW	4	c	1007·2	−6	55	+2	SW	4	–	ompq	5	2	58	50	op	opv	bc.o	7·4
	Roche's Point	1010·7	56	WSW	4	c	1010·9	*	56	+4	SW	4	–	o	4	1	59	49	op	c	c.b.o	*
	Birr Castle ...	1007·8	53	W	2	c	1008·2	*	48	+3	S	2	–	o	*	2	57	45	op	op	c.o	3·8
	Donaghadee ...	1005·3	53	SW	4	bcqpv	1008·1	o	46	o	SW	3	SW	bc	2	trace	60	45	cq	bcqpv	b.bc.	*
	Liverpool (Bidston)	1008·3	53	SW	3	b	1010·9	+4	49	−3	SSW	3	S	bc	3	1	61	47	bc.b.	bc.p	o.c.	3·0
	Holyhead ...	1007·8	55	SW	4	cg	1010·4	+1	53	+1	WSW	4	W	bcq	3	3	60	50	bc.b.bc	cp.bcp	c.bc.c	7·1
	Pembroke (St. Ann's)	1011·4	57	WSW	6	bc	1012·4	o	56	+4	WSW	4	W	cwq	4	2	59	52	bcq	bcq	bcq	6·7
	Newquay ...	1012·3	58	WSW	4	bc	1013·9	+1	55	−1	SW	2	SW	b	3	2	62	51	bcp.b	b	b	6·4
	Scilly (St. Mary's)	1013·0	57	W	4	bcp	1013·5	+1	57	+3	SW	3	SW	c	4	1	63	53	bc	bcp	bcp.bc	5·3
	Falmouth ...	1013·2	57	SW	2	b	1015·0	+1	54	+3	SW	2	–	o	3	–	63	50	c.bc	bc	bc	5·7
	Jersey (St. Aubin)	1014·8	60	WSW	3	o	1017·2	*	58	o	WSW	3		o								
	Portland Bill ...	1012·7	59	WSW	5	c	1014·3	+1	59	+2	WSW	5	SW	c	4	0·4	60	57	bc.c	cp	c.bc.	*
	Dungeness ...	1013·5	60	WSW	4	bc	1014·9	+1	54	−1	WSW	3	W	bc	3	–	63	51	bc	bc	bc	*
	Dover	1014·0	57	SW	4	bcv	1014·9	+3	54	o	SW	2	W	b	4	1	62	50	bc.c	bc.b.bc	c.bcp.b	8·1
	Wick	999·8	49	W	3	c	1003·2	+2	44	−1	WSW	2	–	b	2	1	53	40	cp.omv	omv.cm	om.b.	*
	Nairn	1001·1	50	W	2	bc	1003·0	*	45	−2	–	o	–	bc	1	0·2	58	40	cqp	bcq	p.x.c.	9·2
	Aberdeen ...	1001·8	54	WSW	4	bc	1005·0	+3	45	−4	SSW	2	W	b	2	–	60	41	bq.bc	bc	bc.o.b.	10·2
	Leith	1004·3	54	WSW	3	bc	1005·9	+1	49	o	WSW	3	W	bc	*	0·4	57	48	bcq	cqp.bc.	c	*
	Tynemouth ...	1006·4	56	W	4	bc	1007·9	+3	47	−3	SW	2	W	cm	2	–	59	46	cq	bc	bcm	7·2
	Spurn Head ...	1009·5	59	W	3	c	1011·3	+1	50	−2	WSW	4	W	bc	4	trace	68	48	bcq	c	cp.b.	8·3
	Yarmouth ...	1011·6	61	SW	2	bc	1012·9	+2	50	−1	W	2	–	c	1	–	64	45	bc	bc	bc.c.	9·4
	Clacton-on-Sea	1012·0	60	WSW	2	b	1013·5	+2	52	−1	W	2	W	bc	2	–	63	50	bc.c	c.bc.b	bc.b.bc	9·2
	Nottingham ...	1010·1	55	SW	1	c	1012·2	*	45	−4	SW	1	W	bmw	*	0·1	64	44	b	bc	c.b.	8·3
	Bath	1012·2	58	W	2	bc	1014·2	*	52	+2	W	1	SW	c	*	0·4	65	47	bc.op.c	cp.bc.o	b.bcp.c	4·3
	London (Kew Obsy.)	1012·5	60	SW	3	b	1014·6	+3	51	o	SW	2	W	bcm	*	–	64	49	b.bc.c	c.bcv.b	bu.bcm	8·5
ICELAND, FAEROE, &c.	Spitsbergen ...	1014·9	25	–	0	b	1019·3	+4	24	−2	SE	3	*	b	*	–	30	19				
	Isafjord ...												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*		*		*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1005·5	50	–	0	bc	999·5	0	46	−4	–	0	–	o	2	*	52	?				
	Bodö	988·0	55	ESE	4	c	989·3	+2	52	−2	E	2	–	b	2	–	61	50				
	Christiansund	982·0	54	SW	2	c	994·1	+2	52	−5	W	4	–	r	4	12	64	52				
	Skudesnaes ..	996·4	54	W	7	bc	1003·4	+2	54	−3	WSW	6	–	bc	5	10	55	48				
	Færder (X'tiania Fjord)	994·4	57	WSW	7	b	1002·3	+4	55	+3	W	8	W	bc	4	3	63	52				
	The Scaw (Skagen)	999·1	55	W	7	c	1006·6	+3	55	o	WSW	5	–	o	5	3	66	52				
	Blaavands Huk	1007·0	55	W	7	c	1010·0	+1	57	o	SW	4	–	r	4	trace	59	54				
	Haparanda ...	999·3	50	SE	2	o	991·5	−2	?		S	4	–	r	*	?	54	48				
	Hernösand ...	987·8	55	SSE	6	o	991·5	+3	52		–	o	SW	bc	*	12	55	48				
	Stockholm ...	994·3	59	SW	4	o	1001·5	+2	55		WSW	6	–	o	*	5	61	50				
	Wisby	1001·6	59	SW	6	bc	1008·0	+4	55		WSW	8	–	b	*	1	63	48				
	Karlstad	992·4	57	WSW	6	bc	1001·6	+5	54		W	4	–	b	*	3	61	56				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1013·0	58	SW	3	bc	1012·4	+1	59	+2	WSW	4	SW	bc	3	4	61	50				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1013·2	59	SW	5	c	1014·6	+2	58	+1	WSW	4	*	bc	4	1	63	55				
	La Hève	1015·0	59	SW	3	o	1017·1	*	57	o	WSW	4	*	bc	4	–	64	55				
	Ushant	1015·8	60	W	3	bc	1017·2	*	59		WSW	4	*	c	3	–	63	54				
	Brest (St. Mathieu)												*									
	Rochefort (Ile d'Aix)	1016·6	64	SW	3	o	1019·3	+4	61	−3	N	2	*	c	*	1	70	59				
	Biarritz	1017·2	68	NW	2	o	1020·0	+2	64	−1	SSE	2	*	o	4	–	75	63				
	Paris	1016·2	59	SSW	1	r	1017·3	+2	57	−2	–	o	–	o	*	16	68	55				
	Belfort	1017·5	64	–	o	b	1019·8	*	55	−2	W	2	*	f	*	–	70	51				
	Lyons †	1017·1	68	N	1	b	1020·4	*	61	+2	–	o	*	b	*	–	75	57				
	Nice												*									
	Perpignan ...	1015·7	72	NNE	1	b	1019·1	+3	63	−1	SE	1	SW	o	*	–	81	61				
	Sanguinaire ...	*	75	SW	2	b	*	*	72		E	2	*	b	2	–	75	64				
SOUTHERN EUROPE.	Corunna (7 a.m.)	1019·8	70	WNW	3	o	1021·7	+2	61	o	–	o	–	f	3	?	72	61				
	Madrid (8 a.m.)	1012·3	88	WSW	2	b	1018·6	+3	68	−2	NE	1	–	bc	*	–	90	59				
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)		*				1020·3	*	*	*	SW	2	*	o	3	*	*	*				
	Madeira (Funchal)																					

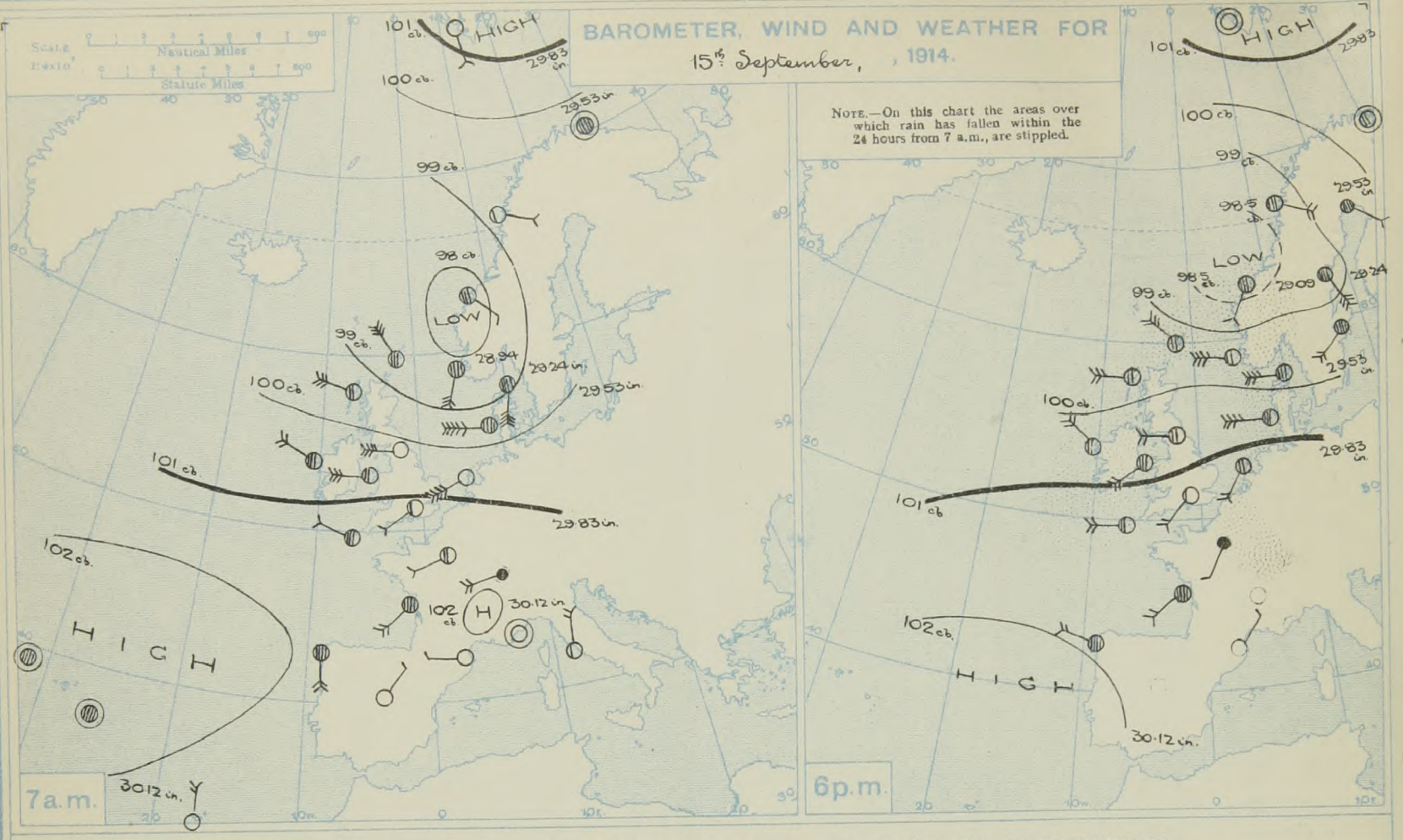
GALES.

Duration and Extreme Force in British Islands.

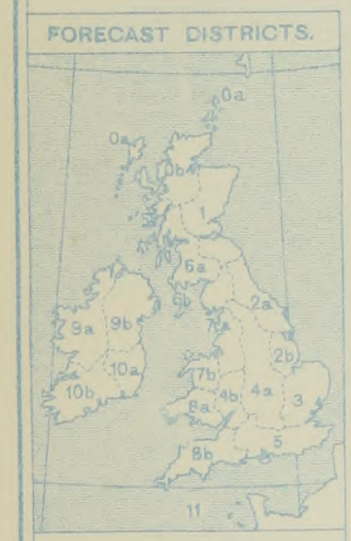
Aberdeen 15th, 10 a.m.
Just WSW 19 m.p.s.

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

BAROMETER, WIND AND WEATHER FOR 15th September, , 1914.



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.



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.

0 a, b, 1	Southerly to South-Westerly winds, light or moderate to fresh; fair, then some rain; moderate temperature.
2 a, b, 3, 4 a, b, 5	Wind mainly South-Westerly, light or moderate to fresh; fair or fine, showery or rainy to-morrow; moderate temperature.
6 a, b	Same as Nos. 0 and 1.
7 a, b, 8 a, b	South-Westerly or Southerly winds, light to fresh or strong; fair, then rainy or showery; moderate temperature.
9 a, b, 10 a, b	Southerly or South-Westerly winds, moderate or fresh, strong at times; changeable, some rain or passing showers; moderate temperature.
Western Channel and Bay. 11	South-Westerly winds, light to fresh or strong; sea moderate; fair, then some rain or passing showers.

FURTHER OUTLOOK.

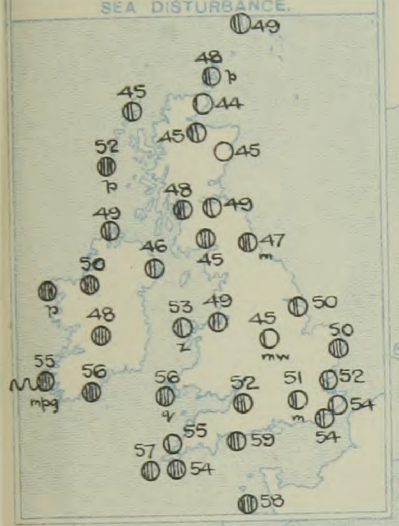
R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

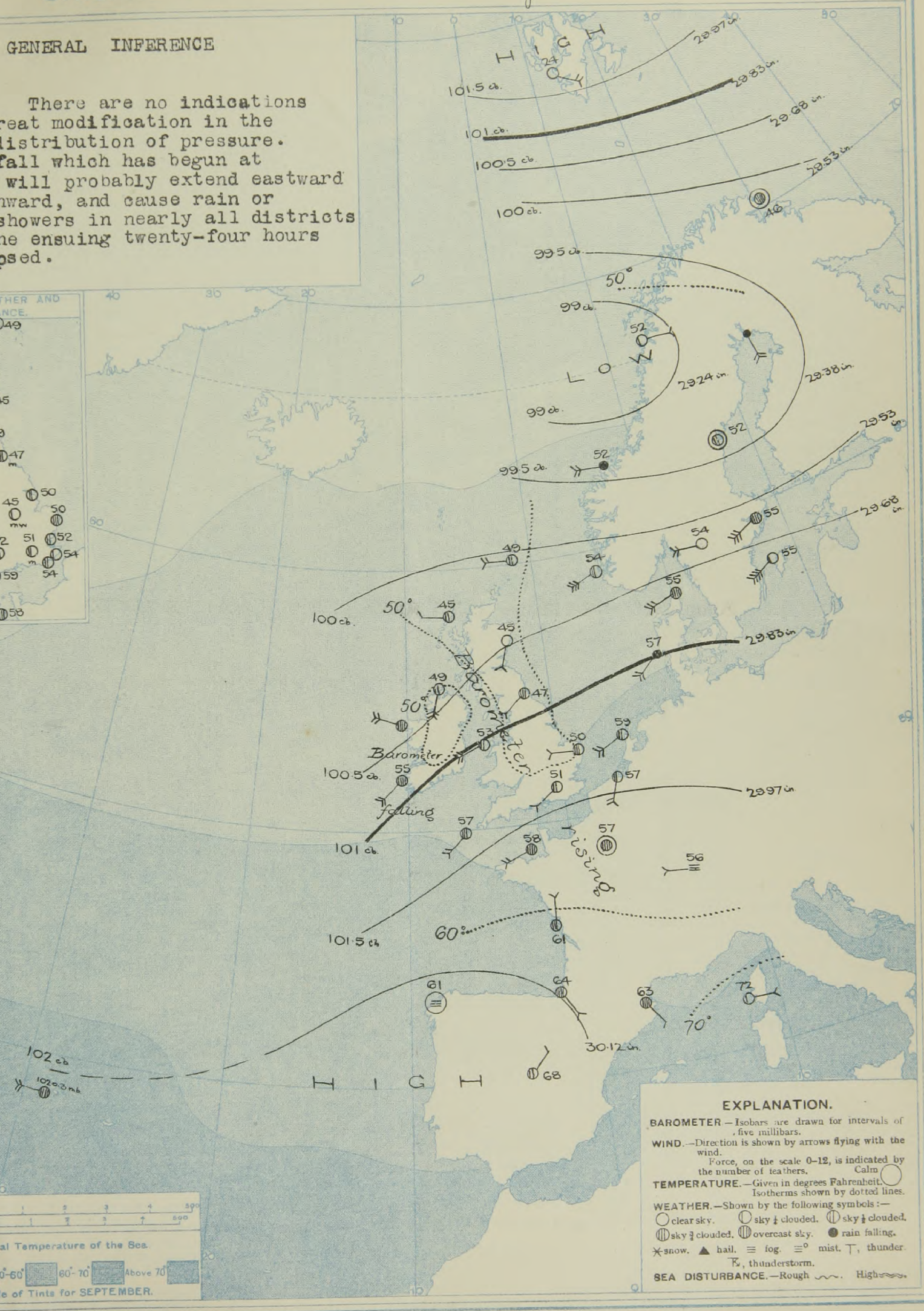
SYNOPTIC CHART FOR 7 a.m., Wednesday, 16th SEPTEMBER, 1914.

GENERAL INFERENCE

There are no indications of any great modification in the general distribution of pressure. A fresh fall which has begun at Valencia will probably extend eastward and northward, and cause rain or passing showers in nearly all districts before the ensuing twenty-four hours have elapsed.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.





Scale 1 : 2 × 10⁶
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 1½ 3 4 600

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⚡, thunderstorm.

SEA DISTURBANCE.—Rough ~~. High ~~.

DAILY WEATHER REPORT.

Wednesday, 16th September, 1914.

REPORTS FOR YESTERDAY, 15th September.

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours ‡	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
		°F					‡	°F	°F							°F	°F
Sanguinaire	*	69	W	3	b	*	*	69	-1	E	2	*	b	4	-	73	64
Lisbon (9 a.m.)	1015·8	86	NNW	4	b	1017·0	+1	68	-2	NNW	1	-	b	4	-	95	66
Rome	1014·7	72	SW	1	b	1016·3	+2	63	-1	N	2	-	b	*	-	82	61
Madeira (Funchal)	1015·4	75	NE	3	b	1015·9	0	68	-5	N	3	-	b	3	-	82	68

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	7	55	48	o.bcp	bc	4·8
	Banff	10	58	45	b	bc	10·0
	Carnoustie	1	60	45	*	*	10·7
	St. Andrews	-	59	46	*	*	10·8
Eng. N.E.	Harrogate	1	59	46	bcp.b	b.bc.b	9·4
	Scarborough	*	62	49	c.	bc.b	9·1
	Skegness	-	62	47	b.bc	bc	9·0
Eng. N.W.	Douglas (I. of M.)	0·3	57	48	bq	bcp	9·0
	Morecambe	2	58	53	bc.b	b.bc	7·3
	Blackpool	0·3	60	47	c	bc	6·6
	Southport	0·3	60	52	bcp.bc	p.cp.c	7·6
Midlands.	Buxton	3	58	45	bc	bc	5·9
	Leamington Spa	0·3	62	48	c	c	7·3
	Malvern	2	61	49	bc	bcp	6·4
	Ross-on-Wye	2	63	46	bc.c	cp	7·4
Wales.	Rhyl	-	61	51	bc	bc	8·7
	Colwyn Bay	1	61	48	b	bcp	3·3
	Llandudno	-	61	51	b	b	7·4
	Bettws-y-Coed	3	59	50			6·2
	Aberystwyth	1	60	53	r.o.c	c.bc	6·5
	Tenby	2	61	46	p.bc	bcp	7·0
	Swansea	3	63	48	bcp	cp	5·8
England. E.	Cromer	-	65	48	b	b	10·9
	Lowestoft	-	64	49	b.bc.c	bc	9·5
	Felixstowe	-	64	49	bc	bc	8·6
	Walton-on-Naze	-	58	52	bc.c	c.bc	9·5
	Southend-on-Sea	-	65	51	bc.b.bc	b.bc	8·2
England. S.E.	Tunbridge Wells	-	64	47	bc	bc	8·1
	Margate	-	66	49	bc	bc	8·4
	Ramsgate	-	64	46	b	b	8·2
	Folkestone	-	62	49	bc.b	bc	6·7
	Littlestone	*	*	*	*	*	6·7
	Hastings	-	64	48	b.bc	bc	6·7
	Bexhill-on-Sea	-	63	50	bc	b	5·9
	Eastbourne	-	65	55	b.bc.o	bc.b.bc	6·5
	Seaford	-	63	52	b	bc	7·3
	Brighton	-	64	51	c.	c.o	6·1
	Worthing	-	65	48	bc	bc.c	8·0
	Littlehampton	-	65	49	b.bc	b.bc.c	8·3
	Bognor	-	64	49	b.bc	bc	7·4
	Southsea	-	64	53	o.c	bc.c.o	6·0
	Bournemouth	0·3	63	49	o.c	c	3·7
England. S.W.	Weymouth	-	64	54	c.bc	c.bc	3·0
	Exmouth	-	67	51	bc	c	4·5
	Teignmouth to 9 p.m.	-	64	50	cp.bc	p.bc.b	4·4
	Torquay	1	64	51	o	c.bc	4·5
	Paignton	-	63	48	bc	bc	4·4
	Plymouth						
	Falmouth	1	63	49	c.bc	bc	5·7
	Penzance	1	65	50	bcp	bc	5·5
	Bude	0·3	63	55	bcp	bc	7·3
	Ilfracombe						
	Weston-super-Mare	2	64	53	r.bc.b	b.cp.b.	2·7

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	47	72	10·0	66	49	42	-	c	b.bc.c	c
City (Bunhill Row)	*	*	7·7	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	53	76	8·8	64	49	43	-	bc	bc	bc
Camden Sq. (Brit. Rainfall)	50	72	7·5	67	48	45	-	b.c	bc	*
Hampstead (Reservoir)	*	81	8·1	63	46	40	-	bc	bc	bc
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.

	Total.	Average Rate.	Max. Rate.
S. Kensington (Roof of M.O.)	1276 Joules	28·0 Milliwatts.	61 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rain fall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm§	°F.	F.	F.				Hr.
Dublin to 4 p.m.								*
Darwen to 9 p.m.	·8	56	47	44	o.p.c	cu.prn.b	bcp.b	5·7
Manchester "	1	60	51	*	o.p.c	c	c.o.p.c	3·4
Birmingham "	1	61	46	40	o.p.c	b	c.cp.c	7·6
Oxford to 8 p.m.	*	63	48	42	eq.b	b.c	c	*
S. Kensington (Museum Grounds to 6 p.m.)	-	65	50	42	b.bc.c	c.bc	bc	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

16th & 17th Sept, 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.30	11.48	6.6
	5.31	11.48	6.4
Greenwich	5.38	11.55	6.12
	5.39	11.56	6.10
Wick	5.45	12.7	6.29
	5.47	12.7	6.26
Valencia	6.16	12.36	6.54
	6.19	12.36	6.52

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 65° over the greater part of the Kingdom, below 60° at many stations in the west and north. Rain fell in the west of Scotland, and slight quantities in various other districts. Bright sunshine was very prevalent in most regions, but there was less on our south-west coasts than elsewhere.

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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday, 17th September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1003·5	52	W	3	bc	998·3	−5	50	+1	SE	3	–	or	2	3	54	47	bcp	bc	bcp	*
	Deerness ...	1002·7	51	SSE	3	cu	995·9	*	50	+2	SW	2	SE	cu	2	6	54	44	bcp	bc.c.o	bc.b.pc.	3·0
	Stornoway ...	999·3	53	SSW	4	op	995·0	−2	46	+1	NW	1	–	c	1	14	55	44	bc.or	or. op	or.cp	0·7
	Castlebay (Barra Isd.)	997·8	54	SSW	4	op	993·9	−1	51	−1	WNW	2	–	op	2	10	55	50	op	og	op.b.op	0·5
	Glasgow ...	1002·6	51	SSE	3	odm	997·4	−5	49	+1	S	1	SW	otu	*	8	56	48	o.c.op	op	op.bcp	1·5
	Eskdalemuir ...	1005·0	49	S	4	or	998·0	−7	48	+3	SSE	1	–	o	*	15	53	44	c.oq	oq.or	otq.c	3·2
	Malin Head ...	1000·0	55	SW	5	bc	995·8	−5	52	+3	SSW	4	SW	r	4	9	56	48	cq	bcqp	omr	1·1
	Markree Castle	1003·0	54	WSW	1	b	999·3	*	49	−1	WNW	1	–	c	*	8	*	*	op	op.o	o.cp	3·0
	Blacksod Point	*	*	W	6	bc	*	*	*	*	W	5	*	*	4	*	*	*	bcqp	bcqp	bcqp	*
	Valencia ..	1006·8	59	SW	4	c	1004·1	+3	55	o	W	4	W	cp	5	27	62	54	cp	cpv	or.c.	3·6
	Roche's Point	1008·5	59	SW	3	c	1002·6	*	54	−2	NW	3	NW	bc	3	10	61	54	op	o.c.bc	cp.r.bc.	*
	Birr Castle ...	1005·0	57	SW	2	c	1000·3	*	52	+4	W	1	–	c	*	12	60	47	or	or.cp	cp	2·4
	Donaghadee ...	999·3	55	SW	4	bcp	997·1	−6	50	+4	SW	2	SW	cmp	2	2	57	46	cp	cmptq	bc.cmp	*
	Liverpool (Bidston)	1007·9	54	S	3	bc	998·8	−10	53	+4	SE	3	SE	r	3	13	59	49	bc	odp	or	2·6
	Holyhead ...	1006·2	59	SW	6	bcgq	997·2	−11	58	+5	SW	6	–	otqm	6	34	60	52	c.bc.c.o	op.or.c	c.op.tm	1·6
	Pembroke (St. Ann's)	1010·2	59	SW	7	c	999·4	−5	58	+2	SW	6	–	fqd	7	4	60	56	cq	cqp	cqp	0·4
	Newquay ...	1013·4	60	SW	3	c	1001·7	−8	60	+5	WSW	4	–	omd	4	4	63	55	bc	bc	bc.orm	4·6
	Scilly (St. Mary's)	1013·4	60	WSW	5	cq	1002·5	−2	60	+3	W	6	–	cq	6	13	63	55	bc	cqp	c.omr	5·0
	Falmouth ...	1011·0	59	SW	4	o	1001·9	−7	61	+7	WSW	5	–	o	4	13	63	52	bc	bcq	crq	4·5
	Jersey (St. Aubin)	1017·8	63	WSW	3	og	1010·3	*	58	o	S	4		r								
	Portland Bill ...	1014·4	60	WSW	6	cq	1006·1	−9	59	o	SSW	8	SW	or	6	5	62	57	bc	bc	bc.or	*
	Dungeness ...	1015·4	61	SW	5	c	1009·5	−5	60	+6	SW	6	SW	ouq	6	2	65	53	bc.c	c.o.c	cqp.cq	*
	Dover	1015·7	62	SW	5	bc	1009·9	−4	59	+5	SW	5	SW	op	6	1	62	53	b.bc	bc.c.bc	bc.b.o	7·0
	Wick	1002·6	53	SE	3	c	999·7	−3	47	+3	SW	2	–	bc	3	2	56	43	b.bc.	cp	op.bc	*
	Nairn	1001·7	55	W	1	ou	998·3	*	46	+1	–	0		bc	2	7	59	40	bc	cu	or.c	2·0
	Aberdeen ...	1004·3	55	SSW	2	c	997·7	−4	49	+4	SW	2	W	b	2	0·2	61	44	b.bc.c	c	c.op.b.	7·7
	Leith	1004·5	56	SSW	3	o	997·5	−3	50	+1	SSE	1	SW	o	*	1	62	45	b.bc.	c.o.	cp.bc	*
	Tynemouth ...	1007·6	57	SSW	4	omr	1000·2	−5	52	+5	SSW	2	–	omr	3	2	61	47	cm	cm	omp	4·3
	Spurn Head ...	1011·5	58	SSW	4	r	1004·8	−4	55	+5	S	3	–	or	4	1	62	49	c	cr	r.bc.	4·6
	Yarmouth ...	1013·3	60	WSW	2	c	1007·8	?	56	+6	SW	2	–	c	1	–	64	47	c	c	bc.c.	5·6
	Clacton-on-Sea	1013·7	61	SW	5	c	1008·4	−4	59	+7	SW	4	SW	c	3	–	66	51	bc.c	c	c	7·2
	Nottingham ...	1010·7	57	SW	3	c	1003·1	*	56	+11	SSW	2	SW	o	*	0·2	62	44	bc.o	c.o	cp.b.	3·0
	Bath	1013·5	58	SW	2	r	1003·4	*	57	+5	S	4	S	r	*	2	64	52	c.o.	o.cp	bc.or	4·5
	London (Kew Obsy.)	1014·3	60	SW	3	c	1007·5	−6	59	+8	SSW	4	–	or	*	–	64	51	bc.mbc.c	c	c.bc.b.o	5·3
ICELAND, FAEROE, &c.	Spitsbergen ...	1020·4	23	NNW	1	b	1013·1	+3	29	+5	NNW	2	*	b	*	–	29	21				
	Isafjord												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	998·7	46	ENE	1	o	999·8	+2	41	−5	NE	3	–	o	3	*	49	45				
	Bodö	994·6	50	E	2	c	996·3	+1	50	−2	ESE	2	–	o	2	19	55	48				
	Christiansund	1000·3	50	SW	3	r	1001·6	o	50	−2	SW	1	–	c	4	4	54	50				
	Skudesnaes ..	1006·3	54	S	6	c	1003·4	−2	54	o	SE	6	–	c	4	5	55	48				
	Færder (X'ianiaFjord)	1005·3	57	SW	6	c	1005·3	o	50	−5	W	2	–	b	1	trace	59	50				
	The Scaw (Skagen)	1008·0	54	SW	1	b	1007·5	−1	50	−5	WSW	3	–	r	3	9	61	48				
	Blaavands Huk	1011·4	57	?	3	c	1008·3	−3	57	o	SW	4	–	r	3	2	59	50				
	Haparanda ...	992·6	50	S	2	o	995·3	+3	52		SW	2	–	o	*	3	54	50				
	Hernösand ...	1000·7	52	–	o	bc	1003·0	o	46	−6	–	o	–	b	*	trace	57	39				
	Stockholm ...	1006·0	55	SW	4	b	1006·6	−1	52	−3	WSW	2	–	c	*	–	63	46				
	Wisby	1011·3	57	WSW	6	b	1009·1	−2	55	o	SW	4	W	bc	*	–	61	52				
	Karlstad.	1007·0	55	WSW	4	b	1005·9	o	52	−2	WSW	2	–	b	*	–	61	46				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1013·7	59	S	4	c	1009·5	−3	61	+2	SSW	4	–	o	3	8	63	55				
	Brussels	*	*	*	*	*																
	C. Gris Nez ...	1002·1	60	SW	5	c	1011·3	−4	58	o	SW	6	*	r	6	5	64	57				
	La Hève	1017·6	61	WSW	4	o	1013·2	*	55	−2	SSW	5	*	r	5	2	64	50				
	Ushant							*					*									
	Brest (St. Mathieu)	1019·0	61	SW	4	c	1009·6	+5	60	+1	SSW	6	*	f	4	3	66	57				
	Rochefort (Ile d'Aix)	1021·2	63	WNW	3	c	1018·7	−3	64	+3	SSW	4	*	c	*	–	72	61				
	Biarritz	1020·4	68	NNE	2	c	1019·7	o	65	+1	SSE	2	*	b	3	–	73	61				
	Paris	1019·3	59	WSW	2	c	1017·1	−2	54	−3	S	2	–	r	*	trace	68	50				
	Belfort	1016·0	63	WSW	4	c	1022·0	*	57	+2	WSW	4	*	o	*	–	73	55				
	Lyons							*					*		*							
	Nice	1020·4	64	–	o	b	1018·9	o	65	−3	–	o	*	c	2	–	81	59				
	Perpignan ...	1020·0	70	–	o	o	1019·8	o	66	+3	SW	1	SW	bc	*	–	81	63				
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.)	1022·1	64	NW	1	o	1022·6	+2	59	−2	S	1	–	o	2	–	66	55				
	Madrid (8 a.m.)														*							
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)		*				1017·2	*	*	*	SSW	5	*	o	4	*	*	*				
	Madeira (Funchal)																					

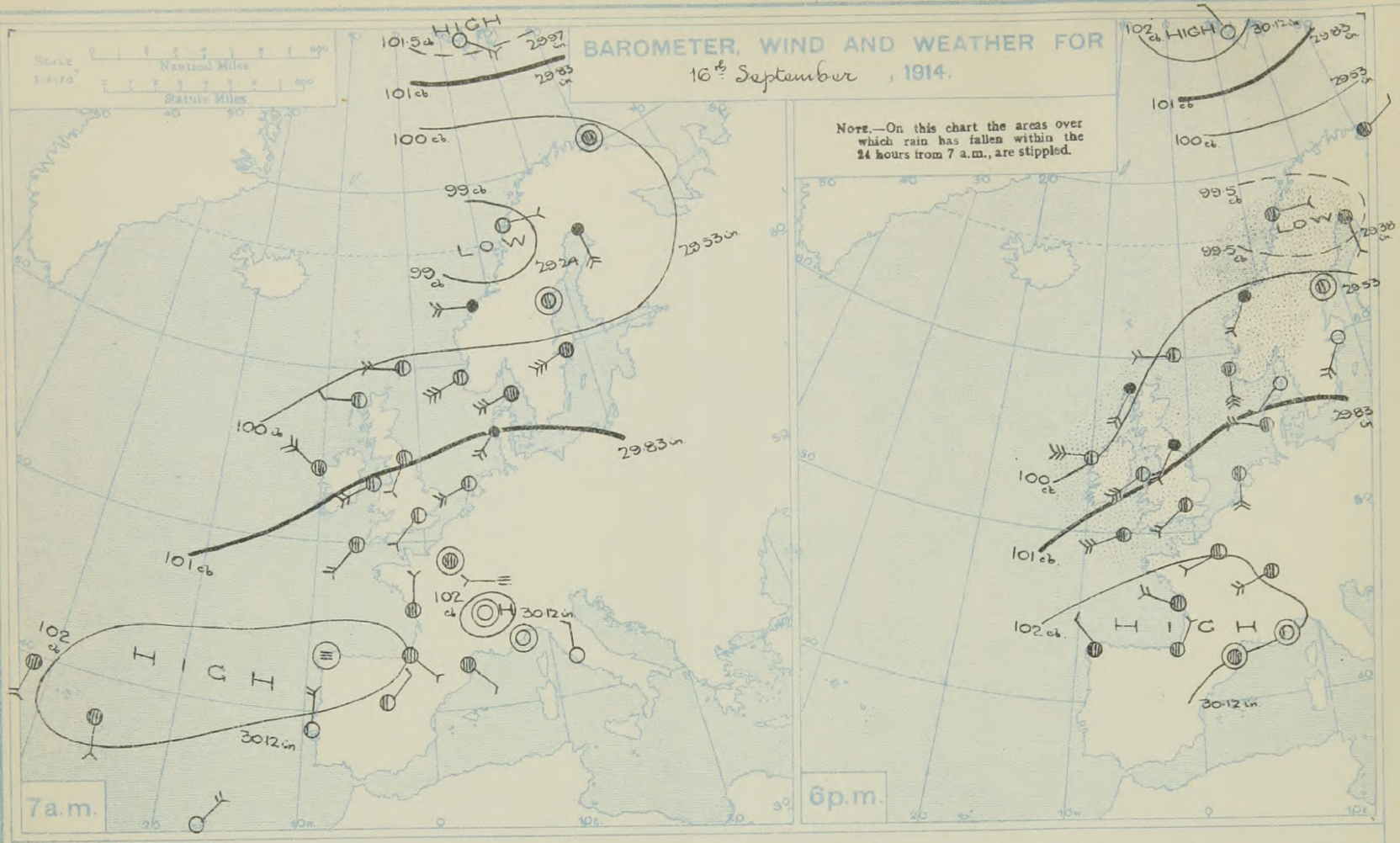
GALES.

Duration and Extreme Force in British Islands.

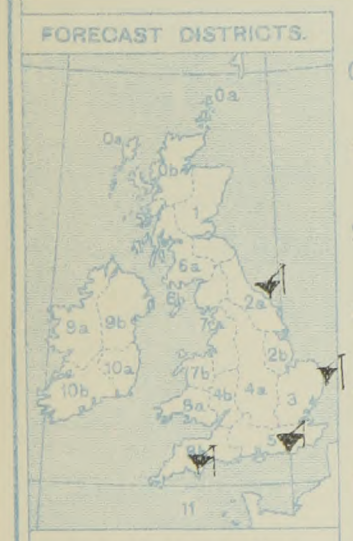
Holyhead 15th, 3 p.m. Gust 19 m.p.s.

Portland Bill. 16th, 7 a.m. SSW. 8.

* 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 THURSDAY TO NOON FRIDAY.



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.

South Cone hoisted at 8.0 a.m. to-day in Dists 2, 3, 5 & 8b.

Western Channel and Bay.

0 {a b} 1 — Wind shifting to West or North-West, increasing in force; changeable, some rain; moderate or rather low temperature.

2 {a b} 3 {a b} 4 {a b} 5 — Wind veering to West or North-West, fresh to strong or high, a gale in places, then moderating; rainy, then showery to fair; temperature falling.

6 {a b} — Same as Nos. 0 and 1.

7 {a b} 8 {a b} — Westerly or North-Westerly winds, fresh to high, then moderating; rainy or showery, then fairer; temperature falling.

9 {a b} 10 {a b} — Wind between North-West and South-West, varying in force; changeable, some rain; moderate or rather low temperature.

11 — Wind mainly Westerly, strong or high, then moderate; sea rough; showery, squally, then fair.

FURTHER OUTLOOK.

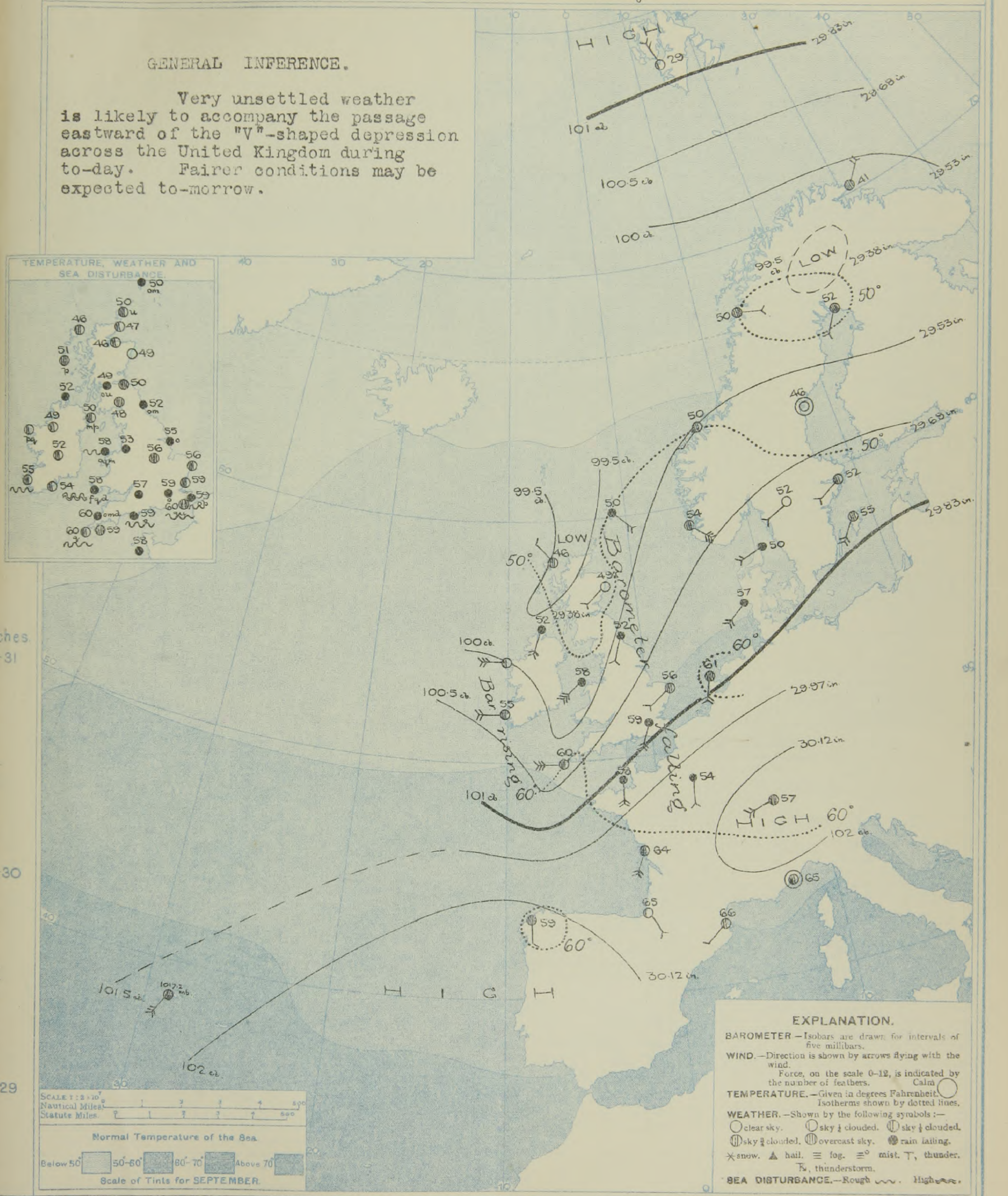
R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

Millibars
1050
1040
1030
1020
1010
1000
990
980
970

SYNOPTIC CHART FOR 7 a.m., Thursday, 17th SEPTEMBER, 1914.

GENERAL INFERENCE.

Very unsettled weather is likely to accompany the passage eastward of the "V"-shaped depression across the United Kingdom during to-day. Fairer conditions may be expected to-morrow.



SCALE 1:2×10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 600

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded. ◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder. ⊤ϟ, thunderstorm.

SEA DISTURBANCE.—Rough ~~. High ~~.

DAILY WEATHER REPORT. Thursday, 17th September, 1914.

REPORTS FOR YESTERDAY, 16th September,

STATIONS.	Evening Observations: Barom. Millibars at M.S.L.	Temp. °F	Wind: Direc.	Wind: Force 0–12.	Weather.	Observations at 7 a.m., G.M.T.: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind: Direc.	Wind: Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
Brest (St. Mathieu)	1016·2	64	WSW	2	0	1018·1	+1	59	+1	W	4	*	bc	3	-	68	57
Lisbon (9 a.m.)	1017·2	75	NNW	5	b	1017·9	+1	64	−4	N	3	-	b	5	-	86	63
Rome	1018·1	72	-	0	bc	1018·4	0	61	−2	N	1	-	b	*	-	81	61
Madeira (Funchal)	1015·9	77	NE	3	b	1018·0	+2	68	0	NE	4	-	b	3	-	79	68

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	10	57	47	bc.op	or	0·9
	Banff	-	62	42	b.bc	bc	6·7
	Carnoustie	-	61	42	*	*	6·8
	St. Andrews	-	63	44	*	*	6·6
Eng. N.E.	Harrogate	2	60	44	c.bc.c	c.bc.c.o	2·8
	Scarborough	*	62	47	bc	bc	6·2
	Skegness	-	63	45	bc.c	c.od	5·3
Eng. N.W.	Douglas (I. of M.)	2	57	47	c.o	od	1·4
	Morecambe	4	61	53	b.bc	bcr	1·5
	Blackpool	4	60	53	c	or	2·0
	Southport	6	61	51	bc.o.bc	bc or c	2·2
Midlands.	Buxton	2	56	43	bc	cr	2·1
	Leamington Spa	3	61	43	c.b	o	1·8
	Malvern	1	59	48	c	c	2·1
	Ross-on-Wye	0·3	61	47	o.bc	or	1·9
Wales.	Rhyl	3	60	43			1·5
	Colwyn Bay	3	61	47	bc	bcp	3·0
	Llandudno	3	63	50	c	c	2·0
	Bettws-y-Coed						
	Aberystwyth	4	60	53	r.o.c	cr.o	1·0
	Tenby	6	61	47	op	c.op	0·5
	Swansea	7	62	50			1·0
England, E.	Cromer	1	64	47	bc	c	5·5
	Lowestoft	-	66	48	bc	bc.c.o.c	5·8
	Felixstowe	-	66	49	bc	c	6·5
	Walton-on-Naze	-	66	58	bc.c	bc.c	7·0
	Southend-on-Sea	-	66	50	bc.b	b.bc	6·1
England, S.E.	Tunbridge Wells	-	65	45	b.bc	bc.o.bc	5·4
	Margate	-	67	50	bc	c	6·0
	Ramsgate	-	66	47	b	bc	5·8
	Folkestone	2	63	50	r.bc	bc	4·1
	Littlestone	*	*	*	*	*	5·7
	Hastings	1	65	49	op.bc	o.bc	3·5
	Bexhill-on-Sea	2	63	50	bc	bc	3·6
	Eastbourne	2	62	51	o.b	bc.c.o	1·6
	Seaford	2	62	50	bc	bc	3·4
	Brighton	0·3	64	51	c	c	4·3
	Worthing	-	64	48			4·2
	Littlehampton						
	Bognor	-	63	49	b.bc	c.o	4·3
	Southsea	0·3	64	53	o.c	c.o	5·8
	Bournemouth	2	65	49	bc	or c	4·5
England, S.W.	Weymouth	1	64	56	bc.cp	bcz	3·0
	Exmouth	-	64	54	bc	bc	3·6
	Teignmouth to 9 p.m.	1	63	50	cp	cp	2·5
	Torquay	1	64	52	b	bc.c.o	3·3
	Paignton						
	Plymouth to 9 p.m.	-	63	54	ou	o.c.b	3·0
	Falmouth	-	63	50	bc	bcq	4·5
	Penzance	1	64	51	bc	bc	7·0
	Bude	4	64	54	bcp.bc	c.bc.c	4·8
	Ilfracombe	3	62	53	c	c	2·0
	Weston-super-Mare	5	63	50	b.bc.c	c.bc.c	3·1

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-Day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	56	89	6·3	69	54	47	1	bc	bc	bc.o.or
City (Bunhill Row)	*	*	5·1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	63	89	5·9	66	56	51	1	bc.c	c	c.or
Camden Sq. (Brit. Rainfall)	55	91	5·9	67	54	51	1	b.bc	bc.o.bc	*
Hampstead (Reservoir)	*	93	6·3	64	54	48	1	bc	c.o	o.or
Richmond Park	*	*								
Kew. (See front page.)										

(Greenwich and Camden Square air temperatures are in Glaisher screens.)

S. Kensington (Roof of M.O.)	53	86	5·6	64	54	48	1	bc	c.o	o.or

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1127 Joules	24·9 Milliwatts.	60 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	Trace	60	48	46	bc	c.op	p.bq	*
Darwen to 9 p.m.	8	57	46	43	op.cu	bc	bc.or	1·3
Manchester "	5	61	43	*	cp	c.or	op	1·1
Birmingham "	6	58	46	41	c.b	b.o	o.op.c	3·5
Oxford to 8 p.m.	*	62	49	43	o.c.o	c.oc	o.c	*
S. Kensington (Museum Grounds to 6 p.m.)	-	65	49	42	bc	bc.c.o	o.c	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

17th & 18th Sept. 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.31 / 5.32	11.48 / 11.49	6.4 / 6.2
Greenwich	5.39 / 5.40	11.56 / 11.54	6.10 / 6.8
Wick	5.47 / 5.49	12.7 / 12.6	6.26 / 6.24
Valencia	6.19 / 6.20	12.36 / 12.36	6.52 / 6.50

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 65° at many places in England, but failed to reach 60° in several parts of Ireland and Scotland. Rain has fallen in most districts, as much as 27 mm. (1·06 in.) at Valencia and 34 mm. (1·34 in.) at Holyhead Bright sunshine was more prevalent in the east and south-east of Great Britain than elsewhere. At some stations in the west and north-west 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.

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§ 1 mm. is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday, 18th September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind. Direc.	Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Min.	Weather. Morning.	Afternoon.	Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	995·8	52	ENE	2	c	999·4	+3	50	0	N	5	N	c	3	4	53	49	cp	cp	cq	*
	Deerness ...	993·9	51	NW	3	cpu	1000·7	*	48	−2	NNW	4	SE	bq	3	3	58	47	cp.o	cp.c	cpq	3·0
	Stornoway ...	1001·1	52	N	5	cqp	1006·0	+2	49	+3	NW	5	–	opq	4	1	55	45	cp	cqp	c.opq	1·2
	Castlebay (Barra Isd.)	1002·1	54	NNW	4	0	1008·3	0	52	+1	NW	4	–	0	4	3	57	49	cp.op.c	cp.o	o.bc.o	4·1
	Glasgow ...	996·2	51	WNW	4	bc	1006·5	+1	48	−1	WNW	3	–	b	*	3	57	46	op.c.ot	cp.bc	bc.b	4·3
	Eskdalemuir ...	995·9	49	WNW	4	bc	1006·4	+3	46	−2	NW	6	NW	b	*	12	55	43	rq.h.tl	oqp.cm	cu.bc	2·0
	Malin Head ...	1001·0	55	NW	6	bq	1009·4	+1	52	0	NW	6	NW	bc	5	5	55	49	bcqp	bcqp	cq	6·2
	Markree Castle	1006·4	54	NW	5	bc	1014·2	*	51	+2	NW	2	–	0	*	5	*	*	bcp	c.opq	bc.o	6·1
	Blacksod Point	*	*	NW	6	bcqp	*	*	*	*	NW	5	*	*	3	*	*	*	bcqp	bcqp	bcqp	*
	Valencia ...	1013·6	57	WNW	4	bc	1016·7	0	53	−2	–	0	–	c	3	1	58	52	cp	bc	c	6·4
	Roche's Point	1011·5	58	NW	5	c	1017·0	*	52	−2	WNW	3	–	0	3	0·2	60	51	bcqp	bcq.c	b.o.	*
	Birr Castle ...	1008·3	56	W	4	0	1015·1	*	48	−4	W	2	W	c	*	1	57	45	cp	c.o	c	6·9
	Donaghadee ...	999·8	54	NW	7	bcqp	1008·9	+1	49	−1	NW	7	NW	bcq	4	2	59	48	bcqp	bcqp	cqp	*
	Liverpool (Bidston)	998·2	55	W	6	0	1009·5	+3	53	0	W	6	W	bc	5	1·0	59	51	bcp	bcpq	cqp	4·9
	Holyhead ...	1002·2	58	W	7	bcq	1012·3	+4	54	−4	WNW	6	NW	cq	6	8	59	54	r.o.c.bc	c.op.cq	bc.b.bc	5·9
	Pembroke (St. Ann's)	1007·6	58	W	7	bc	1015·0	+2	54	−4	WNW	5	NW	cq	5	trace	60	54	cqd.	bcq	bcq	6·7
	Newquay ...	1010·9	58	W	6	bc	1016·1	+1	56	−4	NW	5	NW	bc	5	trace	61	55	omd.b	bv	bc	6·6
	Scilly (St. Mary's)	1012·6	58	WNW	7	bcqp	1017·3	−1	56	−4	NW	5	W	cqp	6	0·3	62	54	cq	cqp	bcqp	7·5
	Falmouth ...	1011·8	57	WNW	6	bc	1016·8	+2	53	−8	WNW	2	NW	b	4	–	63	52	bcq	bcq	bc	7·2
	Jersey (St. Aubin)	1011·4	60	W	5	cq	1016·6	*	58	0	W	4		0								
	Portland Bill ...	1006·8	59	W	8	bcq	1013·1	+2	58	−1	WNW	6	W	bc	5	1	65	55	r.c.bc	bc	bc.b.bc	*
	Dungeness ...	1001·3	60	SW	7	bcq	1009·6	+4	54	−6	W	5	–	cq	5	4	65	52	oqp	oqp.bc	cq	*
	Dover	1001·8	58	WSW	4	b	1009·1	+4	54	−5	W	5	W	b	4	4	65	51	opr	c.bc.b	b.bc.b.	2·1
	Wick	994·8	52	N	3	0	1001·6	+2	49	+2	NNW	3	–	c	3	2	57	46	bc	bc.o	cq.cp	*
	Nairn	996·5	51	NNW	3	od	1004·6	*	49	+3	W	1	–	ou	2	2	58	45	bc	cpu	pq.o	2·7
	Aberdeen ...	993·6	50	NW	3	b	1002·1	+4	49	0	WNW	6	–	cp	3	1	57	47	b.or.c	c.oqp.b	b.bc.cp	4·1
	Leith	994·5	54	WNW	2	0	1005·0	+2	48	−2	W	3	NW	b	*	5	58	46	og.op	c.bc.cp	cp	*
	Tynemouth ...	994·0	52	NW	3	bcp	1004·1	+5	48	−4	WNW	5	–	bq	5	2·1	54	45	omr	bcp	bq	1·2
	Spurn Head ...	994·8	53	NW	7	c	1002·9	+4	53	−2	WNW	8	–	bq	7	1	62	50	or.cq	cq.ltr	c.bq	2·5
	Yarmouth ...	996·9	57	W	4	bc	1003·9	+4	54	−2	W	6	NW	bcl	4	2	63	49	c.or.o	ogt.bc	bcl	2·0
	Clacton-on-Sea	999·5	60	W	6	b	1007·0	+4	54	−5	W	5	NW	b	4	2	66	52	c.orqm	orq.bc	bc.b.l.	3·4
	Nottingham ...	999·1	54	WNW	4	c	1007·5	*	53	−3	WNW	4	NW	b	*	4	63	52	op.c	cp	cp	4·8
	Bath	1005·7	59	W	5	bc	1012·5	*	53	−4	W	3	NW	bc	*	2	66	46	r.o.c	cq.bc	bc.cq.b	4·6
	London (Kew Obsy.)	1003·1	59	W	4	bv	1010·5	+3	54	−5	WSW	3	NW	b	*	1	68	53	or.o.c	c.bcv.bv	cu.bcq.b	4·7
ICELAND, FAEROE, &c.	Spitsbergen ...	1011·3	27	N	3	c	1010·6	0	31	+2	NNW	3	*	b	*	–	31	25				
	Isafjord... ...												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1003·1	37	N	3	r	1007·1	+2	39	−2	N	3	–	0	2	*	41	37				
	Bodö	999·8	50	E	1	c	1000·7	0	50	0	SE	1	–	b	1	3	54	45				
	Christiansund	999·5	50	NE	1	b	998·6	0	48	−2	SE	1	–	b	3	–	55	48				
	Skudesnaes ..	991·5	54	E	b	0	989·6	+3	55	+1	NE	6	–	0	4	14	55	52				
	Færder (X'ianiaFjord)	999·8	57	SSE	3	c	991·5	−2	52	+2	ENE	6	–	0	3	–	57	50				
	The Scaw (Skagen)	999·0	59	SSE	5	0	986·0	−4	55	+5	ENE	8	–	r	5	25	61	50				
	Blaavands Huk	993·6	57	SSW	6	r	988·6	−5	54	−3	NE	2	–	0	5	26	61	52				
	Haparanda ...	999·8	50	SW	2	0	1003·3	+2	41	−11	N	6	–	r	*	8	54	41				
	Hernösand ...	1002·7	46	–	0	b	1001·7	0	43	−3	–	0	–	c	*	–	57	36				
	Stockholm ...	1004·2	52	SSW	2	b	997·7	−3	54	+2	E	2	–	0	*	–	59	46				
	Wisby	1005·6	54	NSW	4	b	994·3	−7	55	0	E	4	–	0	*	–	57	46				
	Karlstad	1002·1	52	SW	2	b	995·1	−1	50	−2	E	4	–	0	*	–	61	45				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	993·0	62	W	7	c	996·0	+2	57	−4	W	9	–	c	8	9	61	55				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1001·2	62	W	6	c	1004·6	+5	55	−3	W	6	*	c	6	3	64	55				
	La Hève	1008·2	59	NW	6	c	1015·0	*	57	+2	NW	7	*	o	7	5	68	52				
	Ushant	1019·0	57	NW	6	c	1018·6	*	61	+0	WNW	3	*	o	5	2	61	55				
	Brest (St. Mathieu)	1016·0	64	WNW	6	c	1019·4	0	59	−1	WNW	4	*	o	3	–	66	57				
	Rochefort (Ile d'Aix)	1016·8	65	W	7	r	1020·8	0	60	−4	N	3	*	r	*	–	68	55				
	Biarritz												*									
	Paris	1007·7	61	W	4	c	1015·0	+1	54	0	SW	3	–	c	*	8	64	50				
	Belfort	1013·9	59	WSW	7	r	1018·0	*	50	−7	WSW	7	*	c	*	5	65	47				
	Lyons							*					*		*							
	Nice	1014·1	66	–	0	c	1007·4	0	70	+5	WSW	3	*	bc	2	–	75	57				
	Perpignan ...	1019·5	77	NW	1	c	1018·4	+2	70	+4	NW	3	W	bc	*	–	79	66				
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.)	1024·4	72	W	3	0	1025·1	+1	64	+5	WNW	1	–	r	2	1	73	64				
	Madrid (8 a.m.)	1017·2	86	NW	1	b	1020·7	+1	70		N	1	–	b	*	–	88	59				
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)		*				1017·7	*	*	*	SSW	5	*	0	5	*	*	*				
	Madeira (Funchal)																					

GALES.

Duration and Extreme Force in British Islands.

Malin Head. 17th, 7 p.m. Squall N 8.

Holyhead. 17th, During morning Gusts 18 m.p.s. 17th, 4 p.m. Gust 23 m.p.s.

Scilly. 17th, 10 a.m. and 5 p.m. Squalls Force 8.

Portland Bill. 17th, 7 a.m.–18th, 4 a.m. SSW 8.

Dungeness. 17th, 8 a.m.–2 p.m. Extreme SW gale at 8 a.m.

Dover. 17th, 1 p.m. Extreme SW 9.

Aberdeen. During night. Gusts WNW 18 m.p.s.

Spurn Hd. 18th, 5 a.m.–7 p.m. WNW 8. Gust 23 m.p.s at 5 p.m.

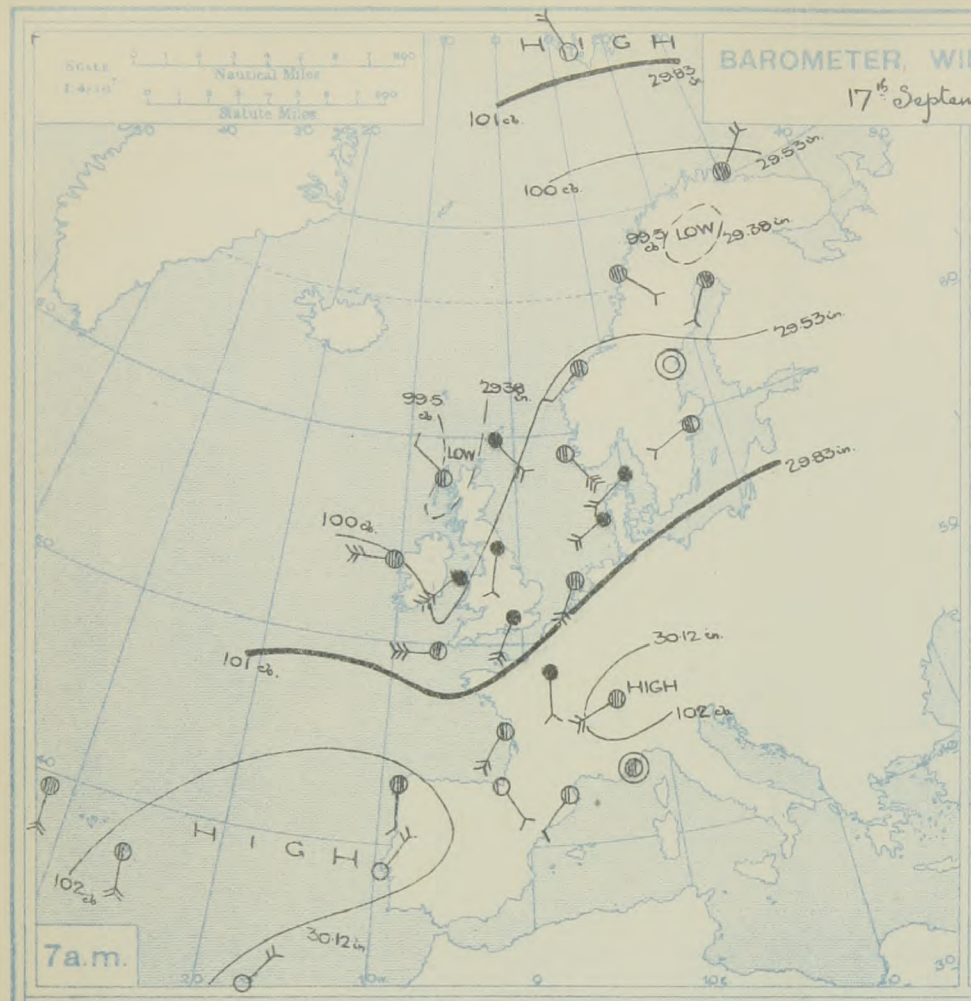
Nottingham. 17th, 2 p.m.–4 p.m. WNW 8.

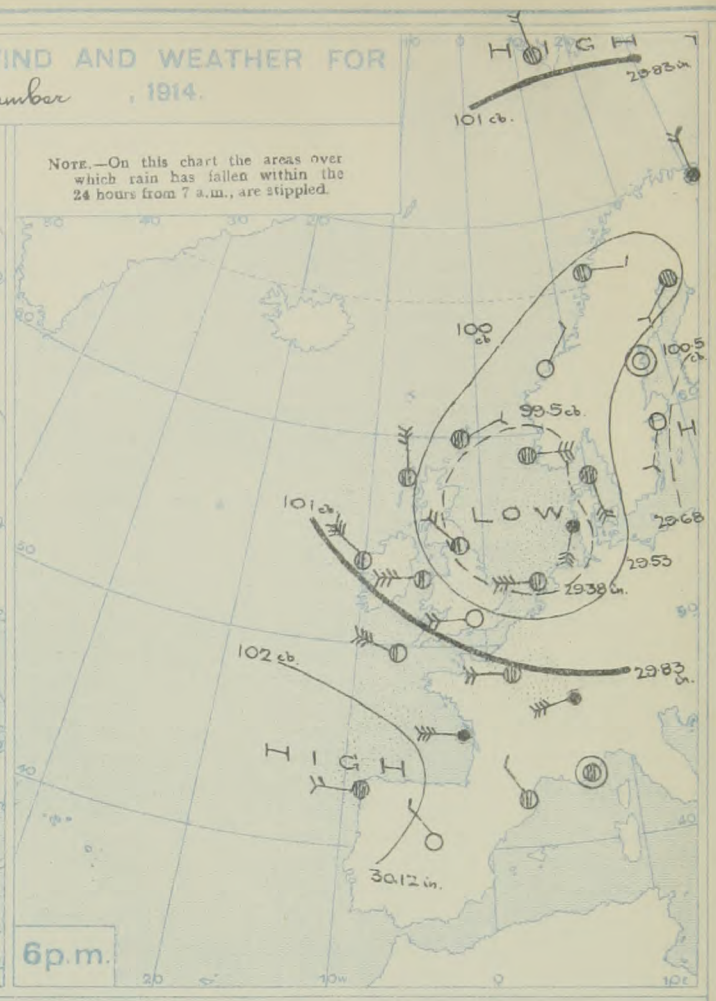
London (Sth. Kensington). 17th, 1 p.m. Gust 17¼ m.p.s.

Southport. 17th, 1 p.m.–11 p.m. and 18th 3 a.m. and 4 a.m. Extremes WSW 9. Gusts 27 m.p.s.

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

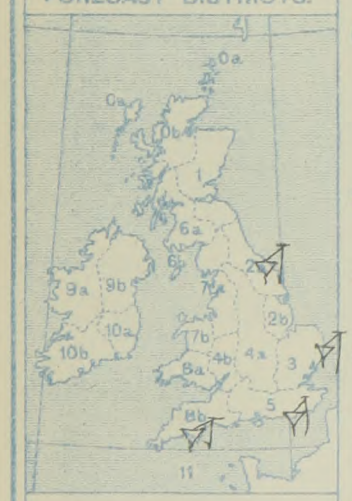
BAROMETER, WIND AND WEATHER FOR 17th September, 1914.





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.

South Cone hoisted at 8a.m. y'day, in Dists. 2,3,5 & 8b.

Western Channel and Bay. 11

0 {a b} 1 2 {a b} 3 4 {a b} 5

Wind between North-West and West, strong or high, then moderating; mostly fair, but some local showers; temperature rather low.

6 {a b} 7 {a b} 8 {a b}

North-Westerly to Westerly winds, strong to moderate; some passing showers, otherwise fair generally; cool.

9 {a b} 10 {a b}

North-Westerly to South-Westerly winds, fresh or strong to moderate; changeable, some rain, fair intervals; cool.

11

North-Westerly to Westerly winds, fresh or strong to moderate; sea rough; some showers, otherwise fair generally.

FURTHER OUTLOOK.

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

W. N. SHAW, Director.

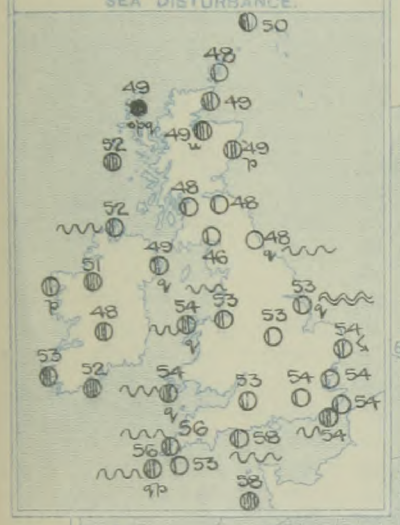
Millibs
1050
1040
1030
1020
1010
1000
990
980
970

SYNOPTIC CHART FOR 7 a.m., Friday, 18th SEPTEMBER, 1914.

GENERAL INFERENCE.

The depression over Denmark will continue to move in an easterly direction, and the wind over the United Kingdom will gradually decrease in strength. There are some indications that another depression from the westward will begin to affect our western districts shortly.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



HIGH

LOW

LOW

Bar. ceased rising

Bar. rising

Bar. rising

Bar.

DAILY WEATHER REPORT. Friday, 18th September, 1914.

REPORTS FOR YESTERDAY, 17th September.

STATIONS.	Evening Observations: Barom. Millibars at M.S.L.	Evening Observations: Temp. °F	Evening Observations: Wind Direc.	Evening Observations: Wind Force 0–12.	Evening Observations: Weather.	Observations at 7 A.M., G.M.T.: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours ‡	Temp. Dry Bulb °F	Temp. Change in 24 hours. °F	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F
Lisbon (9a.m)	1018.0	79	NNW	5	b	1020.7	+2	68	+4	NNE	3	-	b	?	-	86	?
Madeira (Funchal)	1018.7	73	?	?	b	1019.3	+1	75	+7	NE	3	-	b	3	-	77	68

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	8	56	49	or	bcp.bc	2.7
	Banff	3	59	43	bc	bcp.c	4.3
	Carnoustie	6	54	45	*	*	2.0
	St. Andrews	6	57	42	*	*	1.2
Eng. N.E.	Harrogate	26	57	47	r.or.c	bc.b	3.3
	Scarborough	*	56	50	c.b	or	1.6
	Skegness	5	63	54	r.d.c	bc	3.8
Eng. N.W.	Douglas (I. of M.)	15	59	50	r.bq	bcqp	7.0
	Morecambe	32	58	52	r.bc	bcp	3.3
	Blackpool	31	59	52	or.c	c.o	4.0
	Southport	39	58	51	orhq.c	crhq.c	3.5
Midlands.	Buxton	9	55	49	cr	ctlr	2.6
	Leamington Spa	2	63	50	or	c	4.0
	Malvern	6	61	54	d.o.c	c.bc	3.5
	Ross-on-Wye	8	66	55	or.bc	bc	5.9
Wales.	Rhyl	22	59	53			3.5
	Colwyn Bay	26	59	52	cp	cp	3.4
	Llandudno	27	60	54	c.b	c	4.0
	Bettws-y-Coed	3	59	53			3.8
	Aberystwyth	6	59	55	r.o.c	c.b.o	4.5
	Tenby	25	60	59	b.bc	bc	6.8
	Swansea	19	64	55			5.8
England. E.	Cromer	3	61	53	o.cr	o.cr	2.1
	Lowestoft	2	62	55	ogr.c	c.bc	2.5
	Felixstowe	5	63	58	dr	cptl	2.5
	Walton-on-Naze	23	63	56	c.oq.c	c.bc	2.0
	Southend-on-Sea	1	68	57	or.p.o	bc.b.bc	3.3
England. S.E.	Tunbridge Wells	6	67	54	or.c	c.bc.b	3.1
	Margate	2	69	55	or.c	c	2.9
	Ramsgate	2	67	53	r	bc	2.7
	Folkestone	5	66	43	r	bc	2.6
	Littlestone	*	*	*	*	*	2.4
	Hastings	5	65	57	or	bc	2.8
	Bexhill-on-Sea	5	60	52	or	bc	3.6
	Eastbourne	5	65	58	or	o.b	3.3
	Seaford	5	65	44	or	bc	3.4
	Brighton	5	66	58	or.o	c.bc	3.8
	Worthing	6	67	57	r.bc	bc	4.4
	Littlehampton	5	69	58	cr.c	bc.b.bc	4.0
	Bognor	5	67	57	or	c.b	4.9
	Southsea						
	Bournemouth	8	63	56	or	c.b	5.7
	Weymouth	8	67	58	or.c.b	c.b.o	6.4
	Exmouth	7	66	57	bc	bc	6.0
	Teignmouth to 9 p.m	6	67	56	c.bcq	bcq	6.1
	Torquay	6	67	57	o	bc	7.3
	Paignton	7	66	56	o.bc	bc	6.6
	Plymouth to 9 p.m	14	64	56	q	bc	7.3
	Falmouth	13	63	56	bcq	bcq	7.2
	Penzance	14	65	57	r.bc	bc	7.6
	Bude	4	63	56	p.od.bc	bcq	5.9
	Ilfracombe	12	62	52	o.c	bcp.c	3.9
	Weston-super-Mare	3	64	55	o.bc	b.bc	5.0

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max. (24 hours ended 9 A.M. To-Day.)	Temperature. In Screen. Min. (24 hours ended 9 A.M. To-Day.)	Temperature. Min. on Grass. (24 hours ended 9 A.M. To-Day.)	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	53	69	4.6	71	52	44.6	1	o	o.c.bc	bc
City (Bunhill Row)	*	*	3.9	*	*	*	*	*	*	*
Westminster (St. James's Pk.)			4.4							
Camden Sq. (Brit. Rainfall)	52	65	3.5	71	51	46	1	or.oq	bc	*
Hampstead (Reservoir)	*	71	3.6	68	51	44.4	1	bc.or	bc	c.bc
Richmond Park	*	*								
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	51	65	4.5							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
9444 Joules	35.2 Milliwatts.	60 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rain fall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	19	59	50	48	rq.b	bq.c	bcqp	*
Darwen to 9 p.m.	41	56	50	49	c.or	or.b	bc.ep	3.2
Manchester ,,	18	58	52	*	or	or.tl	tl.or.bc	2.5
Birmingham ,,	3	60	52	48	r	or	c	4.3
Oxford to 8 p.m.	*	65	54	49	bq.o.or	or.o.ep	cq	*
S. Kensington (Museum Grounds to 6 p.m.)	2	70	55	47	c.or	or.o.c	c.bc	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

18th & 19th Sept, 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.32	11.47	6.2
	5.34	11.47	6.0
Greenwich	5.40	11.54	6.8
	5.42	11.54	6.6
Wick	3.49	12.6	6.24
	3.51	12.6	6.23
Valencia	6.20	12.35	6.50
	6.22	12.35	6.48

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 65° in the south and south-east of England. Rain fell in nearly all districts, and thunderstorms occurred at a few places in England. Bright sunshine was more prevalent in the south-west of England and at Douglas than elsewhere. South-Westerly to North-Westerly gales were experienced on several parts of the coast.

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.

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§ 1 mm. is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday, 19th September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1003·7	51	N	5	c	1006·4	0	46	−4	N	3	–	c	3	trace	50	44	bc	c	cg	*
	Deerness ...	1005·4	49	NW	5	o	1008·8	*	46	−2	NNW	4	W	cp	4	3	54	44	cqp. o	op. o	cpq	1·6
	Stornoway ...	1010·5	49	NNE	4	cg	1013·7	0	46	−3	NW	2	–	odp	2	5	55	44	or. cqp	cp	b. odp	1·6
	Castlebay (Barra Isd.)	1010·9	51	NNW	3	op	1015·3	+1	50	−2	NW	4	–	o	4	4	56	48	o. b c	bc. op	opbc. o	5·7
	Glasgow ...	1007·1	52	W	3	o	1013·0	+2	44	−4	WNW	2	–	o	*	–	57	41	b. bc. b	b bc. c. o	bc. o	9·3
	Eskdalemuir ...	1006·5	50	NW	3	c	1012·6	+3	44	−2	NW	3	–	c	*	1	56	39	bc. c	c	bc	6·2
	Malin Head ...	1009·8	53	NW	6	c	1015·4	+2	51	−1	NNW	6	NW	c	6	2	54	49	cqp	cq	cqp	4·1
	Markree Castle	1013·2	48	–	o	c	1018·9	*	45	−6	NNW	1	–	bc	*	5	*	*	c. op	op. c	c. op	0·5
	Blacksod Point	*	*	NW	3	bcpv	*	*	*	*	N	2	*	*	1	*	*	*	bcp. cp.	c. bc. op	bcp. bc	*
	Valencia ...	1015·2	51	N	2	r	1021·3	+2	47	−6	–	o	W	bcv	3	4	56	44	om	omr	obc	0·0
	Roche's Point	1014·8	51	NW	2	r	1020·7	*	48	−4	NNW	2	NW	bc	2	1	60	47	o r.	r	r. o. b. bc	*
	Birr Castle ...	1013·0	51	W	1	o	1019·4	*	43	−5	WNW	1	W	bc	*	trace	55	41	c. o	o. od	bc.	0·7
	Donaghadee ...	1009·7	52	NNW	5	cqp	1014·9	+3	50	+1	N	6	N	cqp	4	1	58	48	bcqp	cqp	bcqp	*
	Liverpool (Bidston)	1008·4	52	W	5	c	1012·3	+2	52	−1	NW	4	NW	bc	3	1	56	51	bq	cp	cp	3·7
	Holyhead ...	1010·5	55	WNW	5	ogq	1014·5	+2	53	−1	NNW	6	N	oqp	6	1	56	52	c. o. oq	o oq	bcp cp	0·8
	Pembroke (St. Ann's)	1011·7	56	WNW	3	c	1016·1	+3	53	−1	N	3	N	cq	4	2	57	49	cq	c	cqp	2·6
	Newquay ...	1011·5	53	–	o	orq	1017·3	+4	54	−2	NNW	5	N	bc	6	9	59	50	bc	o. or	or. bc	1·5
	Scilly (St. Mary's)	1011·9	52	NE	2	om	1018·6	+5	53	−3	NNW	4	N	bcv	4	7	61	49	c v	omr	cmbcv	0·0
	Falmouth ...	1012·0	52	NNW	1	r	1017·2	+4	51	−2	NNW	3	NW	b	4	8	62	48	bc. o	o. r	r b	2·3
	Jersey (St. Aubin)	1013·9	66	W	3	op	1015·5	*	55	−3	NW	3		bc								
	Portland Bill ...	1012·0	56	W	3	or	1013·4	+5	54	−4	WNW	4	NW	bc	4	3	61	50	c	c. o	o. cr	*
	Dungeness ...	1009·5	57	WSW	5	c	1007·6	+2	59	−5	WNW	4	NW	b	3	–	65	47	cz	c	c bc.	*
	Dover	1009·4	55	W	1	c	1008·0	+4	50	−4	NW	5	N	c	4	–	63	47	b	b. bc. c	c bc c	7·3
	Wick	1006·0	50	NNW	5	r	1010·4	+1	45	−4	NNW	4	NW	r	3	5	54	44	op	omr	omp	*
	Nairn	1007·7	51	WNW	3	cg	1012·3	*	46	−3	NNW	1	–	cg	2	1	55	45	cp	bcq	bc c	0·3
	Aberdeen ...	1004·4	50	NW	5	oqp	1009·8	+2	46	−3	WNW	4	W	c	2	3	57	45	o. cqp	oqp. c	orq. c.	5·4
	Leith	1005·9	54	NW	3	c	1012·0	+2	47	−1	W	3	NW	c	*	4	61	44	b bc.	c or. c.	c. bc.	*
	Tynemouth ...	1004·8	54	NNW	4	c	1010·0	+3	45	−3	NNW	4	NW	c	5	2	59	43	bcq	bc	c	.88
	Spurn Head ...	1006·3	56	W	5	bc	1007·3	+3	50	−3	WNW	6	–	bcq	7	2	60	47	bcq	bc	r. bcq	?
	Yarmouth ...	1006·6	56	W	3	bcm	1005·2	+2	52	−2	NW	4	NW	cq	2	2	62	44	bcq	bcqm	bc. cr	8·7
	Clacton-on-Sea	1008·1	57	W	3	og	1007·1	+2	50	−4	NW	4	N	c	3	–	61	46	b. bc	bc. c. cg	oq. c.	5·1
	Nottingham ...	1008·5	51	WNW	3	o	1011·2	*	47	−6	NW	2	–	b	*	0·3	59	46	bc. o	cp. o	opcb.	4·1
	Bath	1010·8	55	W	1	o	1014·2	*	51	−2	NW	1	NW	b	*	0·1	61	45	bc. o	o g	g opbm	5·2
	London (Kew Obsy.)	1009·6	57	WNW	2	o	1011·2	+6	50	−4	NNW	3	N	c	*	–	62	47	b bc. c	c. o	o. c.	5·1
ICELAND, FAEROE, &c.	Spitsbergen ...	1009·6	28	NNW	4	c	1007·7	o	28	−3	SE	2	*	o	*	–	32	23				
	Isafjord												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*				*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1010·7	37	–	o	I	1010·4	o	39	o	E	1	–	o	2	*	39	34				
	Bodö	1000·8	48	E	2	b	1000·7	o	48	−2	ENE	4	–	bc	2	–	55	46				
	Christiansund	998·0	52	NW	1	c	997·9	o	52	+4	SW	1	–	c	2	–	55	48				
	Skudesnaes ..	996·0	55	NNW	2	o	998·7	o	52	−3	N	4	–	r	2	1	59	46				
	Færder (X'ianiaFjord)																					
	The Scaw (Skagen)	988·4	55	ENE	8	o																
	Blaavands Huk	987·0	55	N	3	o	996·0	+3	52	−2	NE	1	–	b	4	trace	59	50				
	Haparanda ...	1005·2	43	N	2	o	1001·6	−1	45	+4	NE	4	–	o	*	1	46	41				
	Hernösand ...	1000·7	46	N	4	c	999·9	−1	46	+3	N	4	–	o	*	1	50	41				
	Stockholm ...	997·6	54	E	6	o	987·9	+1	52	−2	NE	6	–	o	*	1	57	48				
	Wisby	987·0	52	E	4	r	980·7	o	54	−1	NE	6	–	o	*	15	55	48				
	Karlstad	993·3	54	ENE	4	c	995·1	+1	48	−2	NNW	4	–	b	*	–	57	45				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1002·3	57	W	8	c	999·0	−2	57	o	NW	4	–	o	5	2	57	55				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	?1007·4	58	W	6	o	1007·1	+4	52	−3	NW	6	*	c	5	–	63	52				
	La Hève	?	57	W	6	o	1011·3	*	54	−3	NNW	5	*	c	5	18	66	48				
	Ushant							*					*									
	Brest (St. Mathieu)	?1020·6	63	NW	6	f	1018·3	+6	55	−4	N	4	*	bc	4	25	64	52				
	Rochefort (Ile d'Aix)	1017·9	62	W	3	o	?1015·1	+8	57	−3	N	7	*	c	*	2	68	55				
	Biarritz	1020·7	67	NW	2	o	1017·3	o	68		W	5	*	c	4	–	73	66				
	Paris	1013·0	57	WSW	2	o	1008·7	+7	50	−4	NW	2	–	b	*	15	66	48				
	Belfort							*					*		*							
	Lyons							*					*		*							
	Nice	1001·1	65	–	o	bc	1003·9	−3	70	o	W	4	*	c	3	–	81	57				
	Perpignan ...	1017·5	70	NW	3	bc	1013·5	o	70	o	NW	5	NW	b	*	–	79	63				
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.)	1024·0	69	N	1	bc	1023·8	+1	64	o	W	1	–	r	3	1	70	64				
	Madrid (8 a.m.)														*							
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)		*				1021·5	*	*	*	SSW	5	*	o	4	*	*	*				
	Madeira (Funchal)																					

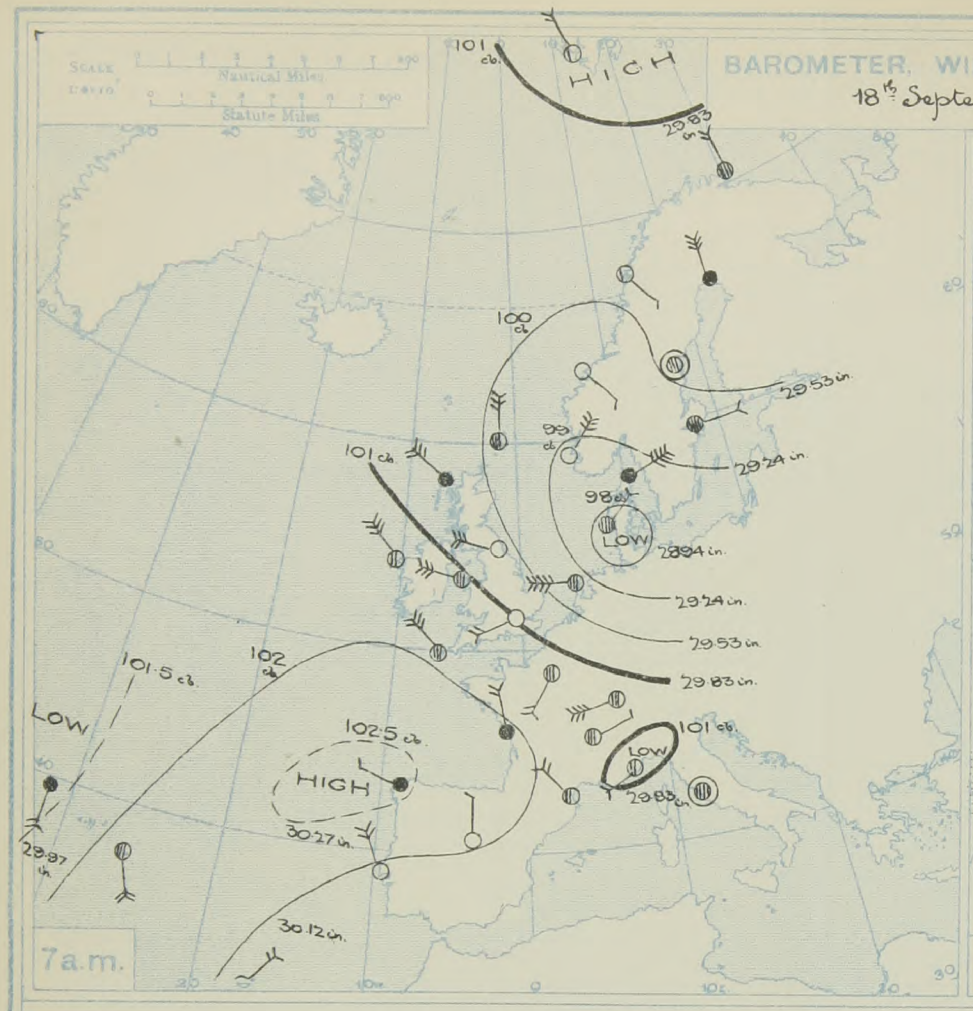
GALES.

Duration and Extreme Force in British Islands.

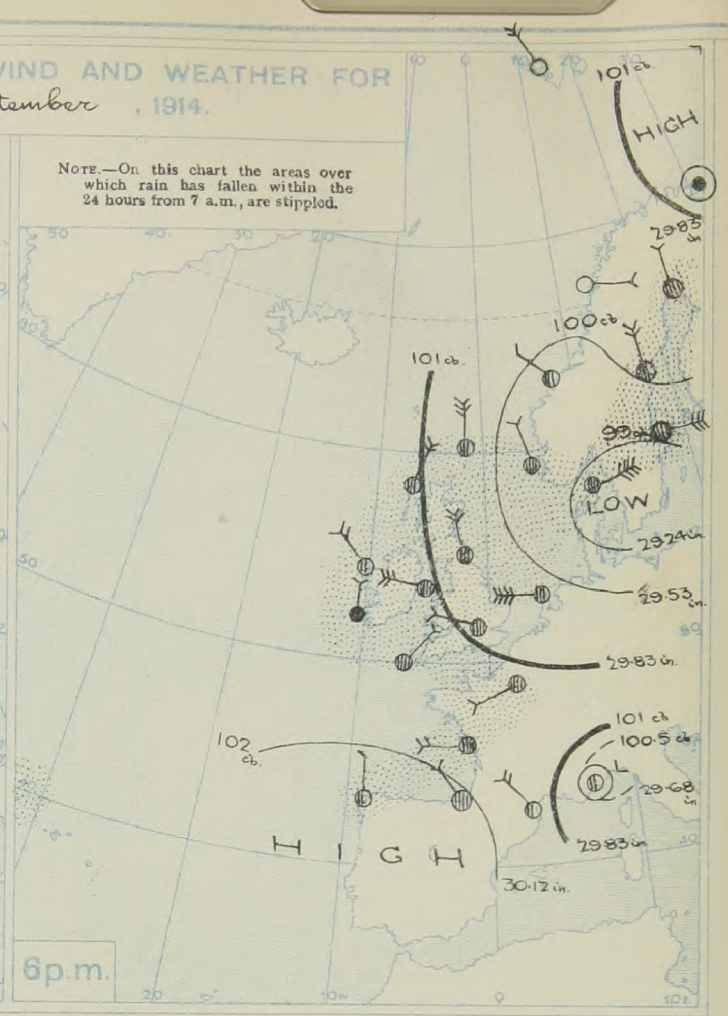
Spurn Head 18th, 1 p.m. NW. 8
18th, 7 a.m. – 19th, 7 a.m. Gusts Force 8.

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

BAROMETER, WIND AND WEATHER FOR 18th September, 1914.

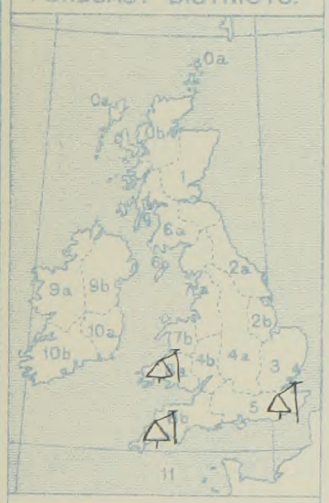


NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



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.

North Cone hoisted at 7.15pm yesterday, in Districts 5, & 8.

0	a, b	Wind between North and North-West, mostly light or moderate, fresh or strong at times; mostly fair, but cloudy with local squalls and showers occasionally; very cool.
1		
2	a, b	
3		
4	a, b	
5		
6	a, b	North-Westerly and Northerly winds, moderate, fresh or strong at times; some local showers, but mostly fair; very cool.
7	a, b	
8	a, b	
9	a, b	Wind between North and West, light or moderate; mostly fair, some rain in west later; very cool.
10	a, b	
Western Channel and Bay.	11	North-Westerly winds, fresh to moderate; sea moderate or rather rough; mostly fair.

FURTHER OUTLOOK.

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

W. N. SHAW, Director.

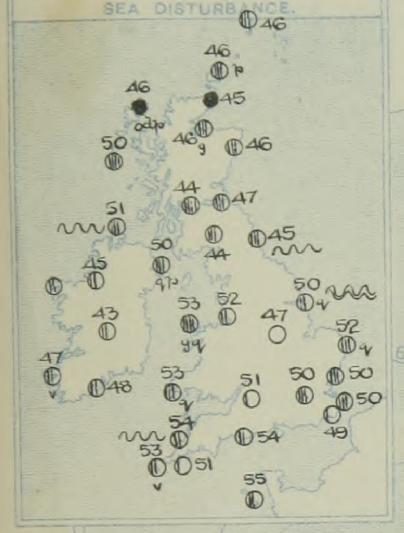
Millibs
1050
1040
1030
1020
1010
1000
990
980
970

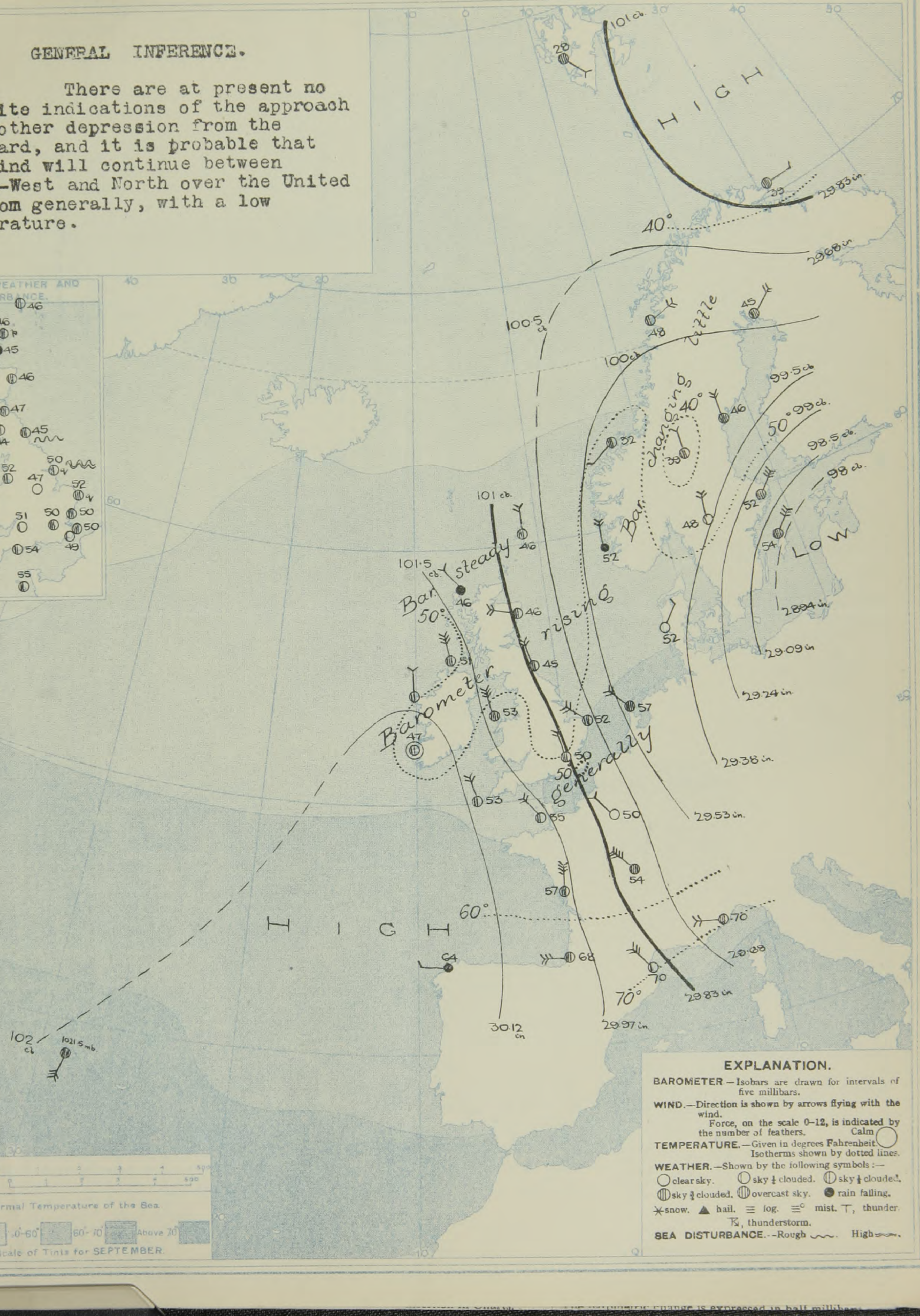
SYNOPTIC CHART FOR 7 a.m., Saturday, 19th SEPTEMBER, 1914.

GENERAL INFERENCE.

There are at present no definite indications of the approach of another depression from the westward, and it is probable that the wind will continue between North-West and North over the United Kingdom generally, with a low temperature.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.





Scale 1:12×10⁶
Nautical Miles
Statute Miles

Normal Temperature of the Sea.

Below 40° | 40°-50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⊤ϟ, thunderstorm.

SEA DISTURBANCE.—Rough ∿∿. High ∿∿.

DAILY WEATHER REPORT. Saturday, 19th September, 1914.

REPORTS FOR YESTERDAY, 18th September,

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp. °F	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours ‡	Temp. Dry Bulb. °F	Temp. Change in 24 hours. °F	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rain fall. Millimetres.	Temp. Max. °F	Temp. Min. °F
Lyons	1016·3	68	SSW	1	c	1020·6	½	55		NE	1	*	e	*	1	77	52
Lisbon (9 a.m.)	1019·9	79	NNW	5	b	1019·8	0	66	-2	NNW	4	–	b	5	–	84	64
Rome	1016·6	70	SW	1	b	1012·2	+3	66		W	1	–	o	*	–	81	64
Madeira (Funchal)	1019·9	73	NE	3	b	1019·3	0	68	-7	NE	3	–	b	3	–	77	68

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	3	56	49	bc tq	pc	3·2
	Banff	8	54	50	mr	rq	0·5
	Carnoustie	1	59	46	*	*	8·4
	St. Andrews	–	62	47	*	*	7·9
Eng., N.E.	Harrogate	–	60	45	b	bc.c.bc	7·3
	Scarborough	*	62	49	bc	bc	9·4
	Skegness	–	61	50	bc	bc	8·7
Eng., N.W.	Douglas (I. of M.)						
	Morecambe	2	57	52	b	bc.o	6·5
	Blackpool	7	57	50	cr	cr.bc	2·9
	Southport	3	57	52	cr.q.bc	c.bc.o	4·8
Midlands.	Buxton	21	51	45	cr	cr	2·5
	Leamington Spa	–	59	51	c.b	o	3·1
	Malvern	–	60	52	bc	bc.c	6·0
	Ross-on-Wye	–	61	52	bc	o	4·9
Wales.	Rhyl	1	56	53			2·3
	Colwyn Bay	14	54	48	bc	bc.o	1·5
	Llandudno	11	58	50	c.b	or	1·5
	Bettws-y-Coed	–	57	50	c	c	2·8
	Aberystwyth	3	57	54	r.o.c	c.o	2·2
	Tenby	–	60	49	bc	o	2·5
	Swansea	–	60	51	bc.om	o	3·1
England, E.	Cromer	–	61	45	bc	bc	8·8
	Lowestoft	–	62	52	bc.c.bc	bc.c.o.c	8·4
	Felixstowe	–	61	54	bc q	o	6·0
	Walton-on-Naze	–	61	53	c.bc	c.o	6·8
	Southend-on-Sea	–	64	52	b	b.bc.o	6·8

	STATIONS.	Rainfall	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm §	°F.	°F.			Hr.
England, S.E.	Tunbridge Wells	–	61	51	b.bc	bc.m	3·7
	Margate	2	62	54	bc	bc	6·1
	Ramsgate	–	62	51	bc	bc	3·5
	Folkestone	–	62	54	bc.b	b.bc.o	6·8
	Littlestone	*					6·1
	Hastings	–	62	51	b.bc	bc.o	5·6
	Bexhill-on-Sea	–	62	52	b	bc	6·7
	Eastbourne	–	62	55	b	b.o	5·5
	Seaford	–	61	?	b.bc	o	4·4
	Brighton	–	63	53	c.bc	bc.c.o	4·9
	Worthing	–	63	51	bc	bc.o	4·5
	Littlehampton	–	62	55	bc.b	bc.c.o	4·8
	Bognor	–	61	52	c.bc	c.o	3·7
	Southsea	3	61	54	bc	bc.c.o	4·0
	Bournemouth	–	61	51	o.c	o	1·3
England, S.W.	Weymouth	–	62	55	bc	cg	2·9
	Exmouth	–	66	54	bc.b	c.od.	2·5
	Teignmouth to 9 p.m.	2	63	54	c.bc.o	or	2·2
	Torquay	–	62	53	o	c.o	3·1
	Paignton	0·3	64	52	bc	or	3·5
	Plymouth to 9 p.m.	5	62	49	bc	or	2·6
	Falmouth	4	62	51	bc.o	or	2·3
	Penzance	5	62	55	c	or	1·2
	Bude	2	60	52	bc.or	r	2·7
	Ilfracombe	–	58	54	c.bc.c	c.o.c	2·8
	Weston-super-Mare	–	60	53	b.bc.b	c	3·1

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	52	67	4·5	64	48	41	–	b	bc.c.o	o.bc
City (Bunhill Row)	*	*	3·3	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	62	78	4·3	63	47	42	–	b	c	c
Camden Sq. (Brit. Rainfall)	57	67	5·1	64	46	43	–	c.bc	bc.o	*
Hampstead (Reservoir)	*	66	5·9	60	44	38	–	bc.o	bc.c	c
Richmond Park	*	*								
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	50	66	4·3							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
866 Joules	19·3 Milliwatts.	63 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rain fall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	–	56	47	47	bc	c	c.o	*
Darwen to 9 p.m.	8	56	46	42	op.c	bcp	bcpw	5·9
Manchester ,,				*				
Birmingham ,,	–	59	49	43	c	bc.c	o	3·6
Oxford to 8 p.m.	*	61	52	46	o.bc.b	b.bc.c	o	*
S. Kensington (Museum Grounds to 6 p.m.)	7	62	52	45	bc.c.o	c.o	o	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

Sunday 20th Sept, 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.34	11.47	6.0
	5.36	11.46	5.57
Greenwich	5.42	11.54	6.6
	5.44	11.53	6.3
Wick	5.51	12.6	6.21
	5.53	12.5	6.18
Valencia	6.22	12.35	6.48
	6.24	12.34	6.46

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 60° over a large area in the west and north, and below 65° over practically the whole Kingdom. Rain fell in most districts, the heaviest amount reported being 9 millimetres (0·35 in.) at Newquay. Several hours of bright sunshine were recorded in the east and south-east of England and in some parts of Scotland, and a fair amount in most other districts.

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.

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§ 1 mm. is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday, 20th September 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1009·7	47	NNE	4	bc	1014·9	+3	48	+2	NNE	6	N	cq	5	3	48	44	bc	bcqp	bcqp	*
	Deerness ...	1011·2	46	NNW	3	r	1017·9	*	46	0	NNW	5	NW	b	4	15	51	44	opqr	r	cp.bc	1·6
	Stornoway ...	1015·4	45	NNE	5	cqp	1023·0	+4	42	−4	N	3	N	b	4	8	51	40	o.cqp	cqp	b.bc	3·7
	Castlebay (Barra Isd.)	1014·1	49	NNW	4	bc	1022·6	+4	48	−2	N	2	-	b	2	2	54	44	op.o	c.op.bc	bc.b	5·4
	Glasgow ...	1012·5	48	W	4	op	1020·6	+5	41	−3	WNW	1	-	b	*	Trace	52	38	o	op.c.bc	op.b.bc	2·0
	Eskdalemuir ...	1012·2	46	W	4	c	1019·3	+5	41	−3	N	4	-	b	*	0·4	55	38	c	cp.c	bc.b	4·6
	Malin Head ...	1014·5	50	NW	8	bc	1022·0	+2	49	−2	NNE	4	N	bc	4	5	54	46	bcqp	bcqp	bcr	7·2
	Markree Castle	1020·0	52	NNW	2	bc	1023·0	*	42	−3	-	0	-	bc	*	2	*	*	cp	bc	op.c.b	8·4
	Blacksod Point	*	*	NW	4	bcr	*	*	*	*	NE	2	*	*	1	*	*	*	bcr	bcr	bcm.bc	*
	Valencia ...	1023·2	56	WSW	2	bcr	1023·4	+1	52	+5	N	1	-	o	3	0·1	54	47	bc	bcr	bc.o	7·9
	Roche's Point	1022·1	56	NNW	3	b	1023·3	*	48	0	NW	2	-	b	2	0·2	60	44	bc	bc.b	bw	*
	Birr Castle ...	1020·4	53	WNW	2	bc	1022·6	*	46	+3	NW	2	NW	c	*	-	58	43	c	bc	c	7·9
	Donaghadee ...	1015·4	50	NW	6	bcqp	1020·2	+4	48	−2	NNE	5	NE	br	4	3	55	47	bcqp	bcqp	bcqp	*
	Liverpool (Bidston)	1015·3	51	NW	4	bc	1017·7	+4	46	−6	N	3	N	bc	2	3	57	45	bc	cphc	o.c	6·2
	Holyhead ...	1017·0	55	NW	6	cqpg	1019·0	+4	48	−5	NNE	6	NE	c	6	1	58	49	o.c.bcq	cp.bcp	cp.bcp	7·9
	Pembroke (St. Ann's)	1019·3	55	NNW	4	c	1019·6	0	50	−3	NNE	4	N	cq	4	-	57	49	cq	cq	c.o	7·8
	Newquay ...	1020·4	54	WNW	4	bc	1019·6	+2	54	0	NW	5	NW	bc	6	-	57	52	bcr	br	b	10·0
	Scilly (St. Mary's)	1021·8	56	NW	5	bcr	1020·7	−1	55	+2	NNW	5	N	cr	5	-	60	52	bcr	bcr	bcr.cr	8·3
	Falmouth ...	1020·8	54	NW	2	b	1020·2	+1	51	0	NNW	2	NW	c	3	-	60	49	bc	br	bc	11·3
	Jersey (St. Aubin)	1018·9	59	W	3	b	1017·5	*	55	0	NW	3		bc								
	Portland Bill ...	1016·9	56	NW	5	bc	1016·2	0	52	−2	NW	5	NW	bc	4	0·3	62	51	bc	bc	bc.bcw	*
	Dungeness ...	1013·6	56	WNW	3	c	1012·2	−1	47	−2	NW	3	NW	bc	3	-	61	44	bc	bc	bc.b.bc	*
	Dover	1015·0	51	NW	1	c	1012·2	0	45	−5	NW	5	NW	or	3	3	63	44	c.bc.b	b.bc.c	bc.c.or	7·6
	Wick	1011·4	44	N	4	r	1018·8	+3	47	+2	N	4	N	c	4	6	51	43	omr	op.or	bc.cqp	*
	Nairn	1011·8	46	W	3	cgw	1020·8	*	45	−1	WNW	2	-	bc	3	4	52	42	r.cq	r.cq	qd.cu	1·9
	Aberdeen ...	1010·5	45	NNW	1	o	1018·3	+4	45	−1	NW	4	-	cp	2	7	54	42	cp.bc	op.c	op.c	1·7
	Leith	1011·4	51	W	2	bc	1019·2	+3	45	−2	NW	2	N	b	*	-	55	43	c.o	o.c.bc	c	*
	Tynemouth ...	1011·8	50	WNW	3	om	1016·0	+8	47	+2	NNW	5	-	cqp	5	3	56	44	c	c	bq.p	1·0
	Spurn Head ...	1012·9	54	WNW	3	c	1013·1	+2	51	+1	N	5	N	cqp	4	1	60	45	cq	c	c.bc	3·2
	Yarmouth ...	1011·7	52	WNW	2	o	1011·3	+1	45	−7	W	2	W	or	1	4	59	40	oq	op	c.or	1·6
	Clacton-on-Sea	1013·0	54	WNW	2	o	1011·4	o	47	−3	NW	4	NW	bc	3	-	59	45	c.bc.c	c.o	o.cm.bc	4·8
	Nottingham ...	1014·1	53	WNW	4	bc	1015·3	*	46	−1	N	3	N	cp	*	Trace	57	44	bm.c	c.bc	cp.o	5·9
	Bath	1017·3	54	NW	2	bc	1017·3	*	49	−2	NW	3	N	b	*	Trace	62	47	bm.b bc.o	o.c.bcp	bc.ocb	7·3
	London (Kew Obs.)	1015·4	55	NW	2	bc	1014·3	+2	46	−4	NNW	3	N	c	*	Trace	59	46	c.bc cq	cq.c.bc	bc.c	6·4
ICELAND, FAEROE, &c.	Spitsbergen ...												*		*							
	Isafjord												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö															*						
	Bodö	1002·4	48	E	1	b	1006·3	+1	48	0	NNE	2	NE	b	2	-	52	39				
	Christiansund	1002·0	53	W	1	o	1008·3	+3	48	−4	-	0	-	r	3	4	54	48				
	Skudesnaes ..	1001·7	50	NNW	4	o	1007·4	+2	48	−4	NNW	4	-	c	2	16	50	46				
	Færder (Christiania Fjord)	1000·3	55	ESE	1	b	1008·9	+4	52	0	N	2	-	c	1	-	55	48				
	The Scaw (Skagen)	1000·2	54	NNE	1	b	1005·2	+4	55	+1	ENE	2	-	b	2	-	57	46				
	Blaavands Huk	1001·7	54	NW	1	c	1004·3	+3	50	−2	NNE	1	-	r	3	25	61	48				
	Haparanda ...	1000·2	46	NE	2	o	999·0	0	43	−2	NNE	4	-	o	*	3	50	43				
	Hernösand ...	999·3	48	NE	2	o	1002·3	+3	46	0	NE	6	-	b	*	1	52	45				
	Stockholm ...	994·6	50	NNW	6	o	1001·1	+3	50	−2	NNW	2	-	c	*	-	57	46				
	Wisby	993·3	52	N	8	o	1002·3	+5	50	−4	N	4	-	bc	*	5	57	48				
	Karlstad	999·5	52	-	0	0	1006·9	+4	46	−2	N	4	-	b	*	-	55	41				
	St. Petersburg	993·2	52	SE	1	0	992·3	0	50		ESE	1	-	o	*	-	61	50				
FRANCE, &c.	The Helder ...	1007·9	56	NNW	5	c	1007·9	0	54	−3	NNW	4	-	c	4	7	59	50				
	Brussels	*		*	*	*									*							
	C. Gris Nez ...	1013·0	55	NW	5	c	1011·7	0	50	−2	NW	6	*	c	5	-	61	50				
	La Hève	1016·2	55	NW	5	r	1013·9	*	54	0	NW	4	*	c	5	1	64	46				
	Ushant	1021·3	58	NNW	4	c	1021·3	*	56	+1	NNW	4	*	c	5	-	61	52				
	Brest (St. Mathieu)	1022·1	55	N	4	bc	1021·0	−2	54	−1	NW	4	*	c	3	-	64	52				
	Rochefort (Ile d'Aix)	1020·6	60	NW	4	c	1020·6	0	56	−1	NNW	5	*	c	*	-	66	55				
	Biarritz	1021·0	62	N	3	c	1021·2	+1	59	−9	-	0	*	c	2	4	68	57				
	Paris	1015·7	56	NW	2	b									*							
	Belfort	1012·7	48	W	4	o	1013·6	*	45	−10	WSW	4	*	r	*	5	55	44				
	Lyons	1017·2	53	NW	2	c	1017·9	*	47		W	1	*	o	*	4	59	46				
	Nice												*									
	Perpignan ...	1016·4	63	NW	5	o	1019·0	+3	59	−11	NW	4	NW	b	*	Trace	79	55				
	Sanguinaire ...	*	75	W	6	o	*	*	68	−4	E	2	*	bc	6	-	77	64				
SOUTHERN EUROPE.	Corunna (7 a.m.)	1017·9	66	N	1	o	1022·6	−1	63	−1	SSW	1	-	r	3	7	68	63				
	Madrid (8 a.m.)	1013·7	81	NW	3	bc	1020·2	+1	61	−7	ENE	2	-	b	*	-	82	54				
	Lisbon (9 a.m.)	1019·5	72	N	6	b	1020·0	0	66	+2	NNE	5	-	b	5	-	77	64				
	Gibraltar							*														
	Rome	1003·9	68	SE	1	b	1005·5	+3	61	−3	N	1	-	b	*	-	79	61				
	Azores (Horta, 8 a.m.)		*				1024·2	*	*	*	SSW	5	*	o	3	*	*	*				
	Madeira (Funchal)	1020·0	75	NE	3	b	1020·7	+1	73	+5	NE	3	-	b	3	-	79	70				

GALES.

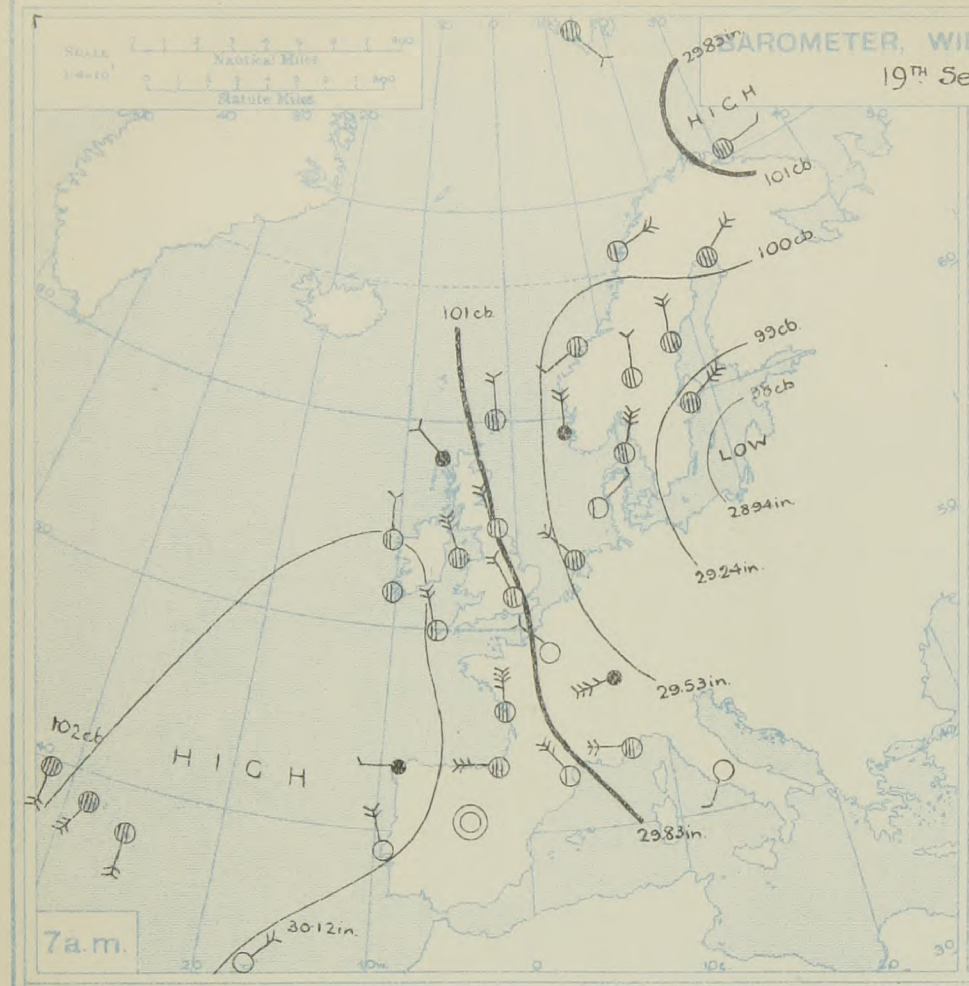
Duration and Extreme Force in British Islands.

Malin Head.

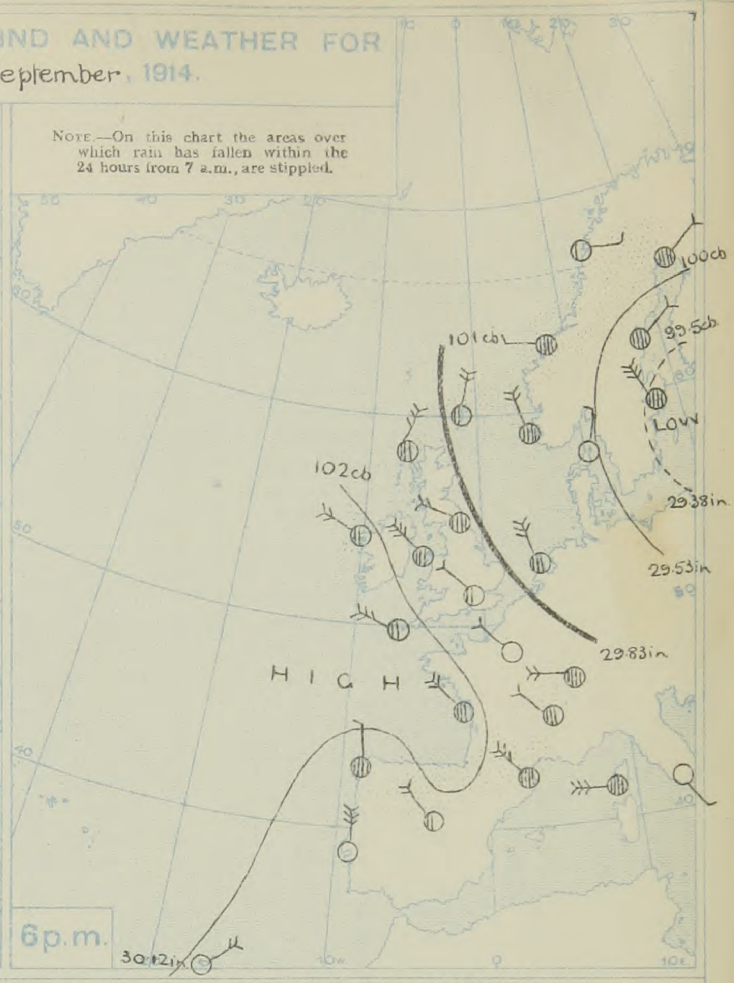
19th 3 p.m. – 8 p.m. NW 8.

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

BAROMETER, WIND AND WEATHER FOR 19th September, 1914.



Note.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



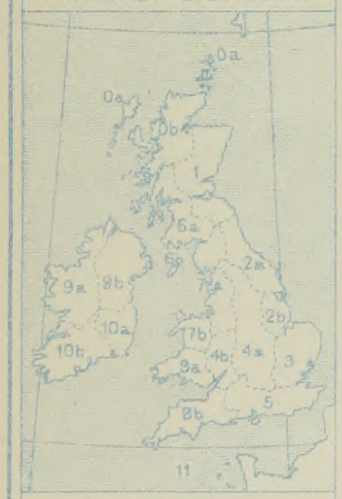
PILOT BALLOON ASCENTS for the PAST WEEK.

Component Velocities to East and to North in Metres per Second.

Heights in Kilometres.	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.
Station	S^th Farnborough		Aberdeen		Aberdeen		Aberdeen.		S^th Farnborough		S^th Farnborough		Aberdeen.	
Date & Hour.	15th 7h.		15th 8h.		16th 8h.		17th 8h		18th 7h.		19th 7.20h		19th 8h.	
3					+11	+1			+24	−11	+7	−22		
2					+9	−1	+9	+6	+19	−7	+2	−16		
1	+16	−3	+28	−7	+8	−2	+5	+7	+13	−13	+6	−16	+7	−14
0·5	+11	−1	+4	−1	+9	+2	+7	+10	+14	−5	+6	−13	+13	−16
0	+5	+2	+6	+3	+1	+1	+1	+3	+6	0	+4	−3	+7	−3

Heights in Kilometres.	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.
Station														
Date & Hour.														

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.

FURTHER OUTLOOK.

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

W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Sunday, 20th SEPTEMBER, 1914.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.

Barometer Inches
31
30
29

100·5cb.
100cb.
99·5cb.
101cb.
101·5cb.
102cb
102·5cb
L O W
50°
29·38 in.
29·53 in.
29·68 in.
50°
29·83 in.
29·97 in.
45°
50°
60°
H I G H
30·27 in.
30·12 in.

Scale 1:2·10°
Nautical Miles
Statute Miles

Normal Temperature of the Sea.
Below 40° | 40-50° | 50-60° | 60-70° | Above 70°
Scale of Tints for SEPTEMBER.

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 ⅞ clouded.
◍ sky ¾ clouded. ◍ overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder. ⊼, thunderstorm.

SEA DISTURBANCE.—Rough ~~. High ~~.

DAILY WEATHER REPORT. 20th September, 1914.

REPORTS FOR YESTERDAY.

19th September.

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
Færder	993.2	57	NNE	6	0	997.1	+2	52	0	NNE	6	–	b	2	–	57	45
The Scaw. (Skagen)	–	–	–	–	–	995.7	+3	54	–1	NNE	6	–	c	4	5	55	50
Ushant	1014.6	58	WNW	5	r	1019.9	*	55	–6	N	6	*	c	4	6	63	50
Belfort	1016.6	53	WSW	6	o	1000.2	*	55	+5	WSW	7	*	r	*	4	63	?50
Sanguinaire	*	72	W	4	o	*	*	72	–	W	5	*	bc	4	–	73	66
Madrid (8 am)	1014.6	86	–	o	b	1018.4	+2	68	–2	–	o	–	b	*	–	88	59
Lisbon (9 am)	1017.9	75	NNW	5	b	1020.3	+2	64	–2	NNW	4	–	b	5	–	82	64
Rome	1008.1	70	S	1	b	1006.6	+3	64	–2	SW	1	–	b	*	Trace	79	63
Madeira (Funchal)	1017.9	79	NE	3	b	1019.3	o	68	o	NE	3	–	b	3	–	81	68

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
	Banff	7	53	46	bc, r	c, ur	1.4
	Carnoustie	–	56	41	*	*	1.3
	St. Andrews				*	*	
Eng. N.E.	Harrogate	–	56	43	c, bc, b	b, bc, c	7.7
	Scarborough						
	Skegness	1	55	45	bc	bc, c	4.0
Eng. N.W.	Douglas (I. of M.)						
	Morecambe	1	57	47	bc, b	b, bcp	6.3
	Blackpool	2	57	47	c, o[p]	o	5.5
	Southport	3	57	47	bc, c, o	o[p], r, c	5.2
Midlands.	Buxton	3	57	40	bc, r	bc	7.3
	Leamington Spa	–	57	47	c	c	7.4
	Malvern	–	58	47	c, bc	bc, b	6.6
	Ross-on-Wye	0.3	60	43	bc, c	c[p], bc	5.4
Wales.	Rhyl	10	57	48	bc	bc, or, o	6.1
	Colwyn Bay						
	Llandudno						
	Bettws-y-Coed						
	Aberystwyth	8	57	50	r, o	c, o	6.0
	Tenby	1	62	48	b	b	9.0
	Swansea						
Eng. E.	Cromer	1	56	45	o, c, r, c	bc, c, ou	0.6
	Lowestoft						
	Felixstowe	–	59	54	*	*	5.0
	Walton-on-Naze	–	61	46	bc, c	o, c	4.8
	Southend-on-Sea	–	58	47	bc, b	b, bc, o	5.2

	STATIONS.	Rainfall	Temperature. Max	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F	°F			Hr
England, S.E.	Tunbridge Wells	–	60	46	3b	bc, cm	5.6
	Margate	–	58	50	bc, c, b	c, bc, c	4.6
	Ramsgate	–	59	48	b	bc	6.0
	Folkestone	–	60	47	c, bc	bc, o	7.8
	Littlestone	*	*	*	*	*	5.4
	Hastings	–	61	46	b	b, bc, o	8.3
	Bexhill-on-Sea	–	61	46	b	b	7.3
	Eastbourne	–	61	48	b	b, bc, o	7.3
	Seaford	–	61	46	c, b	bc	7.0
	Brighton	–	62	47	c	c	8.3
	Worthing	–	62	46	bc	bc, c	7.8
	Littlehampton	–	66	47	bc, b	bc, c	7.5
	Bognor	–	61	55	b	b	7.3
	Southsea						
	Bournemouth	–	61	45	b, bc	c	6.9
England, S.W.	Weymouth	2	63	46	bc, b	bc, b	10.0
	Exmouth						
	Teignmouth	2	62	47	c	c, bc	9.7
	Torquay	3	61	47	b	b	10.3
	Paignton	4	63	47	or	b, bc	9.1
	Plymouth	2	60	48	b	b	11.2
	Falmouth	4	60	48	bc	bv	11.3
	Penzance	4	61	50	bc	bc	10.5
	Bude	5	63	50	bc[p]	b	9.4
	Ilfracombe	2	60	53	c, bc	bc	6.3
	Weston-super-Mare						

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max. (24 hours ended 9 A.M. To-day.)	Temperature. In Screen. Min. (24 hours ended 9 A.M. To-day.)	Temperature. Min. on Grass. (24 hours ended 9 A.M. To-day.)	Rainfall. (24 hours ended 9 A.M. To-day.)	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	54	78	5.1	60	45	38	1	o[p], c	bc	bc
City (Bunhill Row)	*	*	5.7	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	66	88	6.4	61	45	40	1	bc, o	bc	bc, or, o
Camden Sq. (Brit. Rainfall)	50	76	6.7	62	44	41	1	bc	bc	*
Hampstead (Reservoir)	*	80	7.1	56	42	37	1	bc	c	bc, r
Richmond Park	*	*								
Kew. (See front page.)										

(Greenwich and Camden Square air temperatures are in Glaisher screens.)

S. Kensington (Roof of M.O.)	51	74	6.3	60	45	38	1	o[p], c	bc	bc

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1060 Joules	23.7 Milliwatts.	62 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rain fall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	Trace	59	45	44	b, c	bc	bc[p]	*
Darwen to 9 p.m.	5	56	40	35	bc[p]	bc	bc, o[p]	8.1
Manchester "	1	56	45	*	bc	bc	bc, c, o[p]	6.3
Birmingham "	1	55	45	38	o	c	r	2.8
Oxford to 8 p.m.	*	58	47	43	o, b	bc	c	*
S. Kensington (Museum Grounds to 6 p.m.)	–	61	47	42	bc, c	c, o	c, bc	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

20th & 21st Sept., 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.36 / 6.39	11.46 / 11.46	5.57 / 5.54
Greenwich	5.44 / 5.46	11.53 / 11.53	6.3 / 6.1
Wick	5.53 / 6.55	12.5 / 12.5	6.18 / 6.15
Valencia	6.24 / 6.27	12.34 / 12.34	6.45 / 6.42

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 60° or a little higher over a considerable area in England. Showers were experienced in many places, but were nor generally heavy. Over an extensive area there were several hours of bright sunshine; 9 hours at Tenby, more than 10 hours in Cornwall, and about 8 hours on the south-east coast of England. In East Anglia and the east of Scotland the records were small.

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.

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§ 1 mm. is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday, 21st September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Change in 3 hours. ‡	Temp. Dry Bulb. F.	Change in 24 hours. F	Wind. Direc.	Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F.	Min. °F.	Weather. Morning.	Afternoon.	Night.	Sunshine for Yesterday. Hours.
BRITISH ISLANDS.	Lerwick ...	1022·7	47	N	4	bc	1024·7	0	45	-3	NW	3	NW	c	2	–	48	43	bcq	bc	c	*
	Deerness ...	1024·4	46	N	4	o	1026·1	*	46	-0	WNW	2	–	o	2	–	51	43	bc.b	b.bc c.o	ov	5·1
	Stornoway ...	1026·9	48	NNE	3	bc	1027·8	o	44	+2	WNW	3	–	bc	3	–	52	41	bc	bc	b bc	6·0
	Castlebay (Barra Isd.)	1026·8	51	N	2	bc	1027·6	o	50	+2	–	o	–	o	1	–	54	46	bc	bc	bc b o	9·2
	Glasgow ...	1025·4	50	NE	1	b	1028·8	+1	35	-6	SSW	1	–	bm	*	–	56	35	b.bc	b	b bcmx	10·6
	Eskdalemuir ...	1024·8	44	NNW	2	b	1029·4	+1	32	-9	–	o	–	bx	*	trace	53	29	bc	b.bc.c	bx	8·2
	Malin Head ...	1025·9	51	N	4	bc	1028·1	+1	49	o	NW	2	N	bc	2	–	53	47	bc	bcv	bcv	7·9
	Markree Castle	1026·4	50	–	o	b	1029·8	*	32	-10	–	o	–	b	*	–	*	*	bc	bc	b mx	7·8
	Blacksod Point	*	*	NNE	2	bv	*	*	*	*	NE	1	*	bcv	2	*	*	*	bcv	bcv	bv bcv	*
	Valencia ...	1026·3	54	–	o	b	1028·7	+1	46	-6	NE	1	–	c	3	–	58	41	bc	bc	c	6·3
	Roche's Point	1026·7	53	N	3	bc		*											b.bc	bc		*
	Birr Castle ...	1025·8	52	N	1	b	1029·2	*	34	-12	–	o	–	m	*	–	55	34	bc c.	b	3x	9·7
	Donaghadee ...	1025·0	52	NNE	3	bv	1027·8	o	45	-3	W	3	–	og	2	–	54	40	bv	bv	bbc.og	*
	Liverpool (Bidston)	1024·0	51	NW	3	b	1027·6	+1	46	o	E	1	–	c	2	–	55	45	b	b	bc	9·8
	Holyhead ...	1025·1	54	NNE	4	c	1028·2	+1	51	+3	WNW	3	NW	b	2	–	57	50	cbc.b	b.bc.c	bbc b	7·2
	Pembroke (St. Ann's)	1024·6	56	ENE	4	c	1028·9	o	48	-2	E	1	–	c	1	01	58	45	cq	cq	c	8·5
	Newquay ...	1027·9	55	NW	4	b	1029·0	+4	44	-10	NE	2	–	b	3	–	56	37	bcpv	bcpv	b	7·3
	Scilly (St. Mary's)	1024·0	54	NNE	4	bcv	1028·6	+1	50	-5	–	o	E	bcv	3	–	58	48	bcv	bcv	bcv	7·4
	Falmouth ...	1023·4	53	N	2	b	1029·2	+2	44	-7	N	1	N	b	3	–	58	42	bc	bc.b	bv	7·9
	Jersey (St. Aubin)	1020·8	55	N	3	c	1027·5	*	53	-2	WSW	3	N	b	3	02	59	51			b ob.b	8·8
	Portland Bill ...	1021·5	55	N	3	b	1028·0	+3	49	-3	N	2	–	b	3	–	57	46	bc	bc	b bc	*
	Dungeness ...	1017·5	53	N	3	b	1023·2	+3	46	-1	NW	4	NW	bc	3	–	58	44	bc	bc.b	bc	*
	Dover	1017·3	52	NNW	5	b	1022·9	+4	52	+7	N	6	N	b	4	trace	58	47	oc bc c	b	b	7·7
	Wick	1025·1	47	N	3	o	1027·0	o	44	-3	N	1	–	bc	1	–	51	42	cqp	cqp o	oc bc	*
	Nairn	1025·9	48	NW	1	c	1027·9	*	43	-2	NW	1	–	cu	2	trace	53	41	bcg.c	bc	bc.c	4·2
	Aberdeen ...	1024·2	48	NW	3	b	1027·3	+2	45	o	WNW	3	N	o	3	01	54	42	bc.cqp	bcqp	bc o	6·5
	Leith	1024·4	54	NW	3	b	1028·2	+2	40	-5	WSW	2	SW	bc	*	–	56	39	b bc	bc	b	*
	Tynemouth ...	1022·5	52	N	7	bc	1026·9	+2	41	-6	NW	3	NW	bc	5	–	53	39	bcq	bcq	bc	
	Spurn Head ...	1019·9	53	N	7	c	1023·1	+1	48	-3	NW	5	NW	cq	b	–	56	46	bcq	cq	cqp	7·5
	Yarmouth ...	1017·6	53	NW	3	bc	1022·9	+3	53	+8	NW	4	NW	bcpq	2	12	57	42	orh	or.bc	bcp	2·8
	Clacton-on-Sea	1016·8	50	NNW	4	b	1022·9	+3	48	+1	WNW	3	–	b	2	02	58	46	bcp.bc	bc	bc bl	7·6
	Nottingham ...	1021·6	52	N	3	b	1026·9	*	43	-3	NNW	2	N	bcm	*	04	55	42	c.b	cph.b	b	7·8
	Bath	1022·3	52	N	1	b	1028·8	*	39	-10	NW	1	NW	m	*	–	58	36	b bc.c	bc cob	bmw	6·9
	London (Kew Obsy.)	1020·8	53	NNW	2	b	1026·6	+3	44	-2	NNW	1	N	bcm	c	2	56	42	c.o cp	cp rl r bc b	b bcm	4·1
ICELAND, FAEROE, &c.	Spitsbergen ...	998·7	31	S	2	o	1000·3	+1	31		N	2	*	c	*	?	32	28				
	Isafjord												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*		*	*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1005·1	41	N	1	o	1004·3	o	43	-5	NW	6	–	bc	3	*	43	37				
	Bodö	1012·0	46	N	4	bc	1013·0	o	43	-5	SW	4	–	bc	2	–	50	41				
	Christiansund	1015·8	50	NE	2	o	1018·7	o	48	o	W	2	–	c	3	14	54	46				
	Skudesnaes ..	1013·2	52	N	4	b	1018·6	+2	52	+4	N	6	–	b	2	–	57	48				
	Færder (X'ianiaFjord)	1011·0	57	W	2	c	1016·3	+3	52	o	N	4	–	b	2	–	59	50				
	The Scaw (Skagen)	1010·6	54	N	3	b	1014·7	+4	54	-1	NNE	4	–	b	3	–	59	52				
	Blaavands Huk	1010·7	52	NE	2	c	1016·3	+4	52	+2	–	o	NE	b	3	Trace	59	46				
	Haparanda ...														*							
	Hernösand ...														*							
	Stockholm ...														*							
	Wisby														*							
	Karlstad														*							
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1010·1	57	NNW	8	c	1018·9	+3	55	+1	N	3	–	bc	3	17	57	50				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1016·7	55	N	6	c	1022·1	+4	52	+2	NNW	6	*	c	6	6	57	52				
	La Hève	1019·3	53	NNE	4	c	1024·7	*	52	-2	NNE	3	*	bc	4	–	64	46				
	Ushant							*					*		*							
	Brest (St. Mathieu)	1023·8	58	N	2	b	1029·1	+1	50	-4	NE	3	*	bc	2	–	64	?				
	Rochefort (Ile d'Aix)	1019·3	60	NNW	5	o	1025·9	+3	54	-2	NNE	4	*	b	*	–	63	48				
	Biarritz	1020·6	63	NNW	3	c	1024·7	+3	52	-7	ENE	3	*	b	2	–	68	52				
	Paris	1016·2	48	N	3	b	1021·7	+3	52		NNW	3	–	o	*	10	55	45				
	Belfort							*					*		*							
	Lyons							*					*		*							
	Nice	1005·5	59	–	o	b	1007·9	+5	59		–	o	*	b	3	–	77	54				
	Perpignan ...	1016·2	63	W	2	b	1017·6	+3	55	-4	NW	3	–	b	*	1	70	52				
	Sanguinaire ...	*	70	W	6	bc	*	*	63	-5	W	6	*	c	b	–	70	61				
SOUTHERN EUROPE.	Corunna (7 a.m.)	1021·7	64	N	1	f	1024·2	+3	61	-2	NNE	1	–	c	1	4	70	61				
	Madrid (8 a.m.)														*							
	Lisbon (9 a.m.)	1020·0	73	NNE	6	bc	1021·1	o	64	-2	NNW	5	NW	bc	5	?	77	61				
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)		*				1026·0	*	*	*	SSW	4	*	o	3	*	*	*				
	Madeira (Funchal)	1020·0	75	NE	3	b	1020·7	+1	73	o	NE	3	–	b	3	–	74	70				

RAINFALL.

Equivalents of Millimetres. in inches.

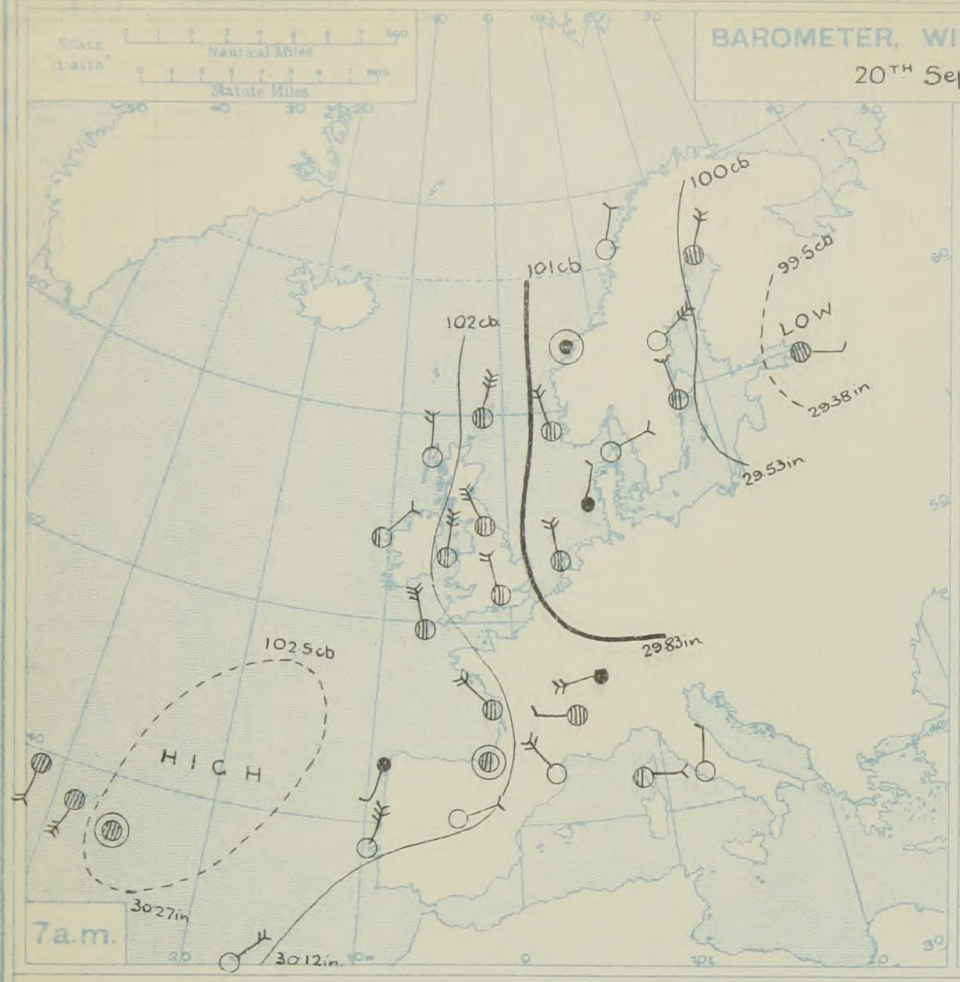
mm.	Inches.	mm.	Inches.
1	0·04	26	1·02
2	0·08	27	1·06
3	0·12	28	1·10
4	0·16	29	1·14
5	0·20	30	1·18
6	0·24	31	1·22
7	0·28	32	1·26
8	0·32	33	1·30
9	0·35	34	1·34
10	0·39	35	1·38
11	0·43	36	1·42
12	0·47	37	1·46
13	0·51	38	1·50
14	0·55	39	1·54
15	0·59	40	1·58
16	0·63	41	1·61
17	0·67	42	1·65
18	0·71	43	1·69
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

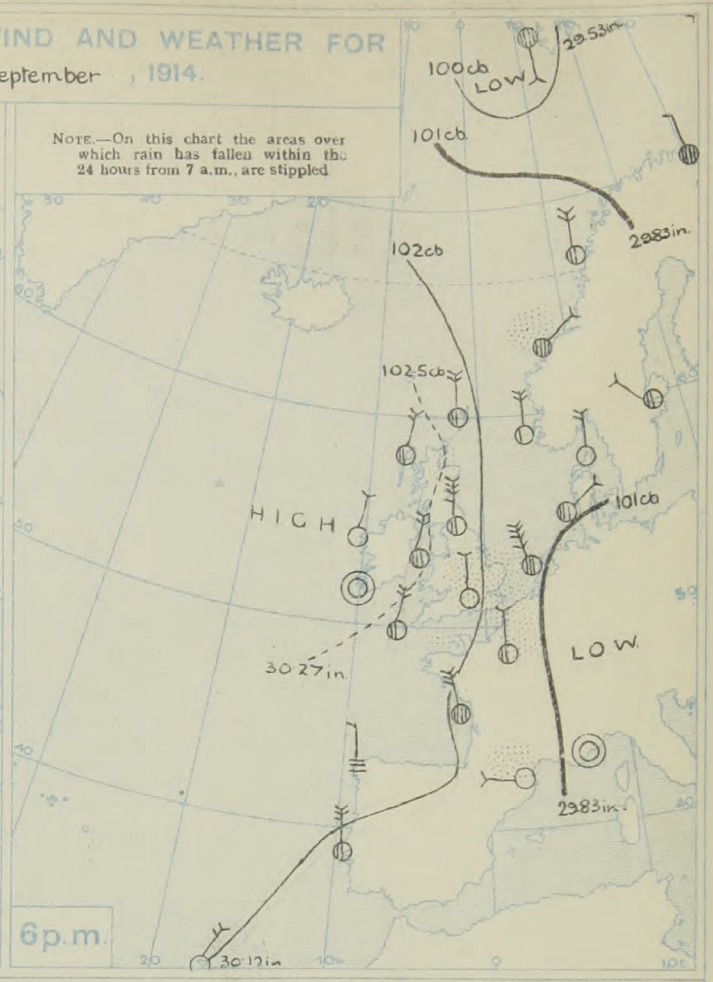
* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

BAROMETER, WIND AND WEATHER FOR 20TH September, 1914.

Scale Nautical Miles / Statute Miles

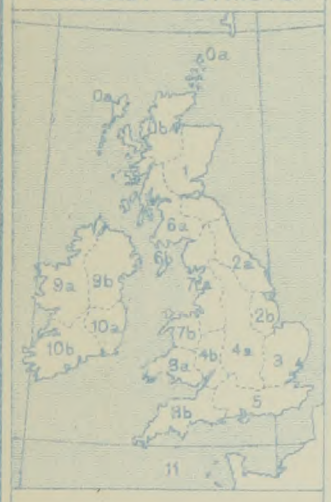
NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled





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.

No Warnings Issued.

Western Channel and Bay.

0 {a b}
1
2 {a b}

Light or moderate winds between North and West; some showers on coast, generally fair inland; temperature low.

3 Wind mainly Northerly, moderate, stronger at times locally; some squalls and showers, but mostly fair; temperature low.

4 {a b} Northerly winds, light or moderate; fair; cold, frost on ground at night.

5 Wind mainly Northerly, light or moderate, fresh and squally at times on Kentish coast; generally fair; cold, ground frost at night.

6 {a b} Light winds between North and West; fair or fine; cold.

7 {a b}
8 {a b} Wind mainly Northerly, light or moderate; fair or bright; cold, ground frost locally at night.

9 {a b}
10 {a b} Wind light and rather variable; fair or bright; cold, frost locally inland at night.

11 Wind mainly Northerly or North-Easterly, light or moderate; sea slight; mostly fine, but fog or mist locally.

Millibars: 1050 1040 1030 1020 1010 1000 990 980 970

FURTHER OUTLOOK.

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

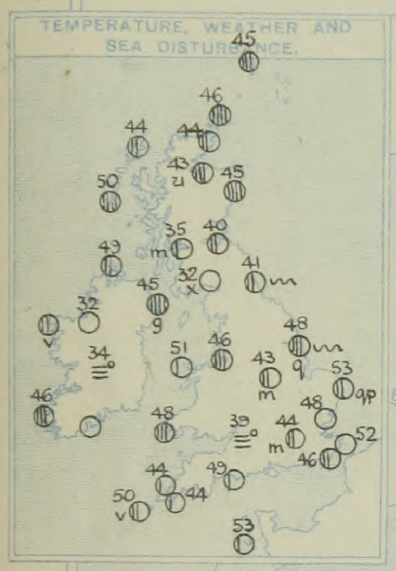
W. N. SHAW, Director.

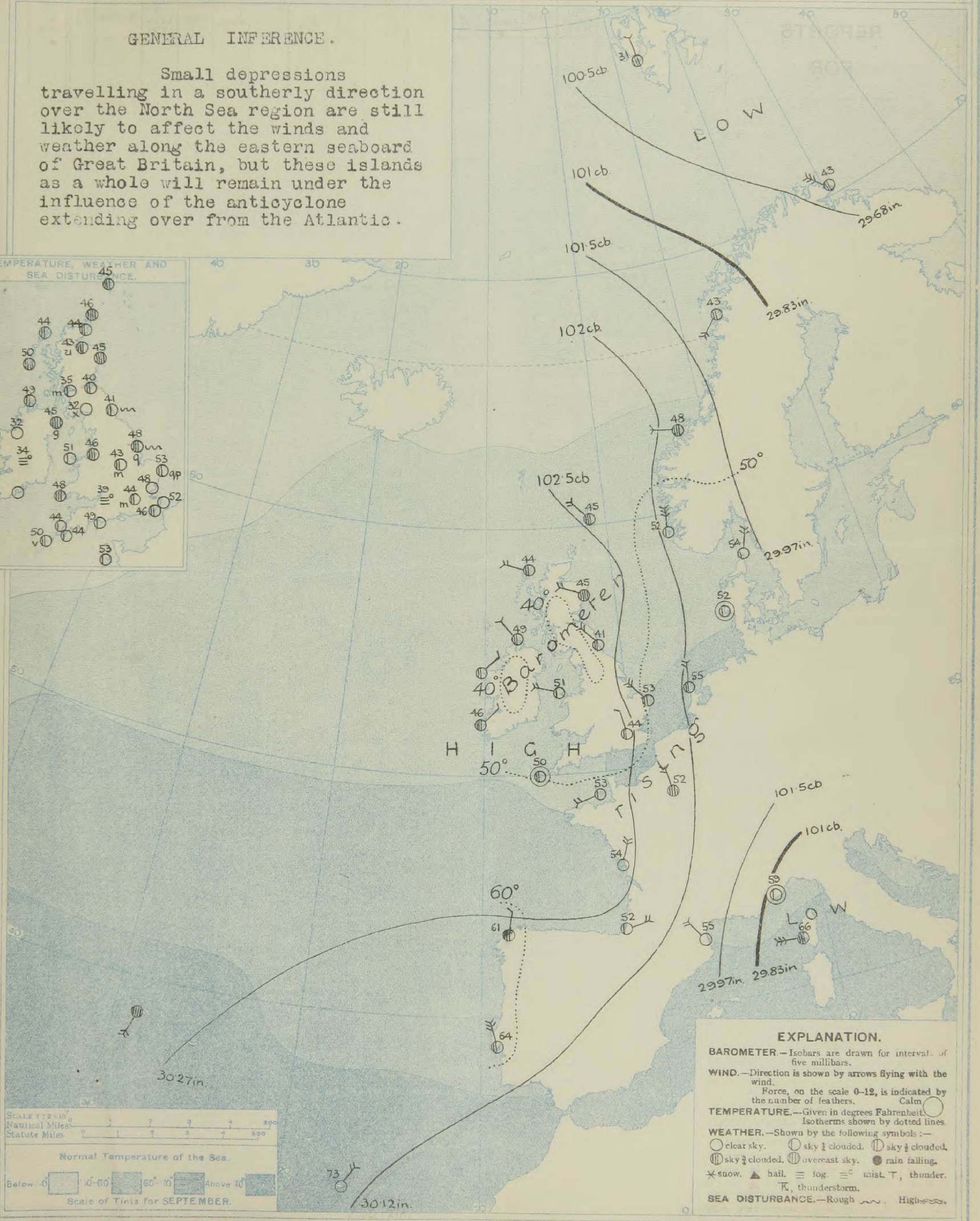
SYNOPTIC CHART FOR 7 a.m., Monday, 21st SEPTEMBER, 1914.

GENERAL INFERENCE.

Small depressions travelling in a southerly direction over the North Sea region are still likely to affect the winds and weather along the eastern seaboard of Great Britain, but these islands as a whole will remain under the influence of the anticyclone extending over from the Atlantic.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.





Scale 1:2 (10°)
Nautical Miles 0 1 2 3 4 300
Statute Miles 0 1 2 3 4 300

Normal Temperature of the Sea.

Below 40° | 40°-50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. T, thunder.
⚡, thunderstorm.

SEA DISTURBANCE.—Rough ~~. High ≈≈.

DAILY WEATHER REPORT. Monday, 21st September, 1914.

REPORTS FOR YESTERDAY.

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
Scotland.	Banff	3	53	45	bc	bc	8·0
Scotland.	Carnoustie	0·3	56	42			9·7
Scotland.	St. Andrews						
Eng. N.E.	Harrogate	–	53	41	b bc b	b	7·4
Eng. N.E.	Scarborough		55	46	o	o	7·3
Eng. N.E.	Skegness	3	56	41	r o	o d	7·2
Eng. N.W.	Douglas (I. of M.)	3	55	43	b	b	11·0
Eng. N.W.	Morecambe	2	56	45	b	b c b	7·1
Eng. N.W.	Blackpool	1	56	45	c b c	b c	9·3
Eng. N.W.	Southport	2	56	45	b b c b	b b c b	10·6
Midlands.	Buxton	4	55	39	b c r	b c	5·9
Midlands.	Leamington Spa	1	57	42	c b	b c	5·8
Midlands.	Malvern	–	55	42	b	b	6·0
Midlands.	Ross-on-Wye	–	57	43	b c	b c b	8·1
Wales.	Rhyl	5	54	46	b c	b c	8·8
Wales.	Colwyn Bay	5	56	47	b c	b c	7·7
Wales.	Llandudno	1	55	48	b c	b c	8·4
Wales.	Bettws-y-Coed						
Wales.	Aberystwyth	1	56	48	r o c	c b c	9·5
Wales.	Tenby						
Wales.	Swansea	1	61	45	b b c	b	9·8
England, E.	Cromer	7	56	45	o c p	b c p u	4·6
England, E.	Lowestoft	8	55	42	or c q t h	c q t b c	3·5
England, E.	Felixstowe						
England, E.	Walton-on-Naze	–	58	45	o c b c	b c c	8·6
England, E.	Southend-on-Sea	1	56	46	b c p b c	b c o b c	3·8
England, S.E.	Tunbridge Wells	–	58	43	c b c p	b m	5·4
England, S.E.	Margate	–	56	49	c b c	b	6·6
England, S.E.	Ramsgate						
England, S.E.	Folkestone	0·3	57	45	c p c	b c	7·6
England, S.E.	Littlestone						6·8
England, S.E.	Hastings	1	57	44	b	b b c o p	8·4
England, S.E.	Bexhill-on-Sea	1	58	45	b	b	9·2
England, S.E.	Eastbourne	–	59	46	b b c b	b b c b r	7·5
England, S.E.	Seaford						
England, S.E.	Brighton	–	58	47	c o c	c b c c	7·5
England, S.E.	Worthing	–	55	44	c b c	b c	5·2
England, S.E.	Littlehampton	0·3	56	44	c b c r	b c c o	5·3
England, S.E.	Bognor	2	57	46	b	o p	6·5
England, S.E.	Southsea	0·3	58	48	b c b	b c c o	8·3
England, S.E.	Bournemouth	–	56	45	b c	b c	9·0 1
England, S.W.	Weymouth	1	57	47	b c b	b b c y	9·0
England, S.W.	Exmouth						
England, S.W.	Teignmouth to 9 p.m.	–	58	?	b c	b	9·0
England, S.W.	Torquay	–	60	49	c o	b c b	9·7
England, S.W.	Paignton						
England, S.W.	Plymouth						
England, S.W.	Falmouth	–	58	49	b c	b c b	7·9
England, S.W.	Penzance						
England, S.W.	Bude	2	58	50			9·4
England, S.W.	Ilfracombe	0·3	58	51	b c	b c	8·5
England, S.W.	Weston-super-Mare	–	57	49	b b c b	b c b	9·0

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. Today.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 hours ended 9 a.m. To-day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	68	73	2·8	56	44	37	0·09	o o p	o p c	c b c
City (Bunhill Row)	*	*	3·8	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	86	80	3·9	55	44	39	0·13	o o r	o p b c	b c
Camden Sq. (Brit. Rainfall)	–	73	3·9	57	43	39	0·18	o p b c o	o p h t . c	*
Hampstead (Reservoir)	*	78	4·1	53	41	34	0·11	b e p	p r h t . c	b c
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.

STATIONS.	Total. Joules	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
S. Kensington (Roof of M.O.)	–	73	42

Additional Observations for Yesterday.

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	–	55	45	41	b	b c	b c	*
arwen to 9 p.m.								
Manchester ,,	1	56	44	*	o r c	c b c c	c b c b	7·8
Birmingham ,,					*			
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)								*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

21st & 22nd Sept., 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5 39 5 40	11 46 11 46	5 54 5 52
Greenwich	5 46 5 47	11 53 11 53	6 1 5 59
Wick	5 55 5 57	12 5 12 5	6 15 6 12
Valencia	6 23 6 28	12 34 12 34	6 47 6 40

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 60° at all our stations except Torquay, below 55° at many places in the north. Showers were experienced in the east of England, with thunder and lightning in London. Over the Kingdom generally there was much bright sunshine, more than 9 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; 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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday, 22nd September 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1024·5	47	WNW	3	bc	1023·3	-1	49	+4	SW	2	S	c	2	–	49	44	c	bc	bcm	*
	Deerness ...	1025·7	47	W	2	o	1023·3	*	49	+3	SSW	3	–	o	3	–	51	43	ov	o	o.c.bc.o	0·0
	Stornoway ...	1025·9	51	SSW	3	o	1021·7	-2	52	+8	SW	3	SW	o	3	0·2	53	43	bc.odp	o	o	1·7
	Castlebay (Barra Isd.)	1025·7	53	S	3	o	1022·4	-1	54	+4	S	4	–	dp	4	0·2	55	49	o	o	dp	0·0
	Glasgow ...	1027·0	49	WNW	1	bz	1026·9	-1	39	+4	E	1	W	oz	*	–	54	35	bz	bz	bz.oz	3·1
	Eskdalemuir ...	1027·7	45	NE	1	b	1028·8	o	31	-1	–	o	–	bx	*	–	55	28	bc.c	c.bc	bc.b.	6·5
	Malin Head ...	1026·3	53	E	2	bc	1023·5	-1	48	-1	S	4	SW	bc	2	–	58	45	bcv	bcv	bc	3·6
	Markree Castle	1027·1	54	–	o	c	1024·4	*	47	+15	S	2	–	c	*	–	*	*	bc	bc	bcm	9·2
	Blacksod Point	*	*	WSW	3	ov	*	*	*	*	SW	4	*	*	3	*	*	*	bcv	bcv	cm.cmp	*
	Valencia ...	1026·7	56	SSE	2	bc	1023·8	-1	56	+10	SSE	2	–	o	3	–	60	45	bc	bc	bc.o.	9·0
	Roche's Point	1028·4	55	S	2	o	1026·2	*	56		S	4	–	o	4	0·2	58	44	bc	bc.c.o	dm	*
	Birr Castle ...	1027·2	55	SW	1	bc	1025·4	*	45	+11	S	1	–	bc	*	–	60	34	bc	bc	bc	9·8
	Donaghadee ...	1027·0	51	SSE	2	bv	1025·7	o	46	+1	SSW	3	–	bc	2	–	54	43	cv	bcv	bcy	*
	Liverpool (Bidston)	1027·7	51	NNW	1	o	1028·2	+1	46	o	S	1	–	b	1	–	55	45	bc	cm	o.b.	4·3
	Holyhead ...	1027·8	54	NW	1	b	1027·0	o	49	-2	SW	2	S	c	1	–	57	44	bc	bc.b	bm.cw	7·6
	Pembroke (St. Ann's)	1028·9	52	NE	2	bc	1028·4	o	45	-3	ENE	1	–	bcw	1	–	58	45	c	bc	b	?
	Newquay ...	1028·1	54	–	o	b	1028·1	o	48	+4	S	1	–	bw	2	–	58	37	bv	bv	b	9·7
	Scilly (St. Mary's)	1028·7	57	–	o	b	1028·0	-2	54	+4	SE	3	SW	cm	3	–	61	49	bc	bc	b.bc	9·4
	Falmouth ...	1028·5	53	NW	1	b	1028·8	o	44	o	NNW	1	–	b	2	–	60	42	bv	bc.b.	bw	9·5
	Jersey (St. Aubin)	1028·0	55	NNW	3	b	1027·7	*	53	o	N	2	N	c	1	–	59	47	b	b	bc	9·9
	Portland Bill ...	1027·9	56	NNW	3	b	1028·3	+1	50	+1	NE	1	NE	c	2	–	58	47	bc	bc	b.bc.c	*
	Dungeness ...	1024·8	55	NNW	3	bc	1027·3	+1	44	-2	NW	2	N	b	2	–	59	39	bc	bc	bc.b	*
	Dover	1025·9	50	NW	4	bc	1027·4	+2	49	-3	NW	3	–	b	2	–	60	43	b.bc.b	b.bc	bc.b.	9·9
	Wick	1026·4	49	NW	1	o	1024·0	-1	46	+2	WSW	2	–	o	2	–	52	41	bc.c	com	cm.o.	*
	Nairn	1026·7	50	–	o	og	1024·3	*	39	-4	ESE	1	–	bc	1	–	53	34	c	cg	c.bqx	0·7
	Aberdeen ...	1027·1	50	NW	1	o	1026·1	o	43	-2	WSW	1	–	bz	2	–	53	41	c.o	o	o.c.bz	1·7
	Leith	1027·5	48	SE	1	c	1026·9	o	35	-5	–	o	–	cz	*	–	54	34	c.bc	bc.c.	bc	*
	Tynemouth ...	1027·4	50	NE	2	b	1028·0	o	40	-1	W	3	–	bz	3	–	55	39	bc	b	bm	
	Spurn Head ...	1027·0	51	NNW	5	c	1028·9	+1	48	o	NNW	3	–	bm	4	–	55	44	c	c	c.bc	2·1
	Yarmouth ...	1026·0	53	NW	2	c	1027·5	+2	50	-3	W	2	W	bc	1	1	56	46	o	o.c	cp.bc	1·7
	Clacton-on-Sea	1025·1	53	NW	2	bc	1027·3	+1	46	-2	NW	2	N	bc	1	–	59	41	b.bc	bc	bc	9·0
	Nottingham ...	1027·3	51	NE	1	c	1028·8	*	36	-7	W	1	–	f	*	–	56	35	bc.c	bc	c	8·6
	Bath	1027·4	54	NW	1	b	1029·1	*	39	o	–	o	–	o	*	–	60	36	m.o.bc.c	c.bc.b	bm.ow	7·6
	London (Kew Obsy.)	1026·8	53	NNE	1	cm	1028·8	+1	43	-1	SW	1	–	bm	*	–	57	41	bcm.bc	bc.cm	cm.o.bm	8·5
ICELAND, FAEROE, &c.	Spitsbergen ...	1004·2	28	NE	2	o	1009·2	+1	24	-7	SE	2	*	o	*	–	30	23				
	Isafjord												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*		*	*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1004·2	41	–	o	bc	1007·7	+3	39	-4	N	5	–	bc	3	*	45	39				
	Bodö	1012·7	45	W	4	c	1017·7	+2	43	o	WNW	1	–	b	1	–	46	41				
	Christiansund	1019·5	48	W	2	o	1021·6	+2	46	-2	SW	1	–	o	3	9	48	46				
	Skudesnaes ..	1022·1	50	N	7	c	1023·8	+1	50	-2	N	3	–	b	1	–	54	46				
	Færder (X'ianiaFjord)	1018·3	55	W	2	o	1021·3	o	57	+5	SSW	2	–	c	1	–	55	50				
	The Scaw (Skagen)	1017·9	52	N	2	b	1022·3	+4	54	o	–	o	–	b	1	–	57	43				
	Blaavands Huk	1019·0	55	–	o	bc	1023·8	+3	54	+2	NNW	1	–	b	3	1	59	48				
	Haparanda ...	1009·3	41	SW	2	bc	1010·7	+3	41	o	NW	4	–	b	*	–	48	36				
	Hernösand ...	1014·1	45	–	o	b	1017·5	+4	46	o	N	2	–	b	*	–	54	39				
	Stockholm ...	1014·7	48	NW	2	b	1019·0	+2	45	-3	NW	2	N	b	*	–	54	39				
	Wisby	1014·6	50	NNE	4	b	1020·2	+4	52	o	NNW	2	–	b	*	1	54	41				
	Karlstad	1016·8	50	–	o	b	1022·3	+3	45	-1	–	o	–	o	*	–	57	34				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1021·7	55	N	5	c	1025·5	+2	55	o	N	2	–	c	2	4	57	54				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1025·2	55	N	5	c	1026·1	o	53	+1	NNW	5	*	bc	4	–	59	48				
	La Hève	1027·9	52	N	2	c	1027·3	*	49	-3	NE	2	*	c	2	–	63	45				
	Ushant	1029·5	56	NE	3	b	1029·5	*	52	-3	ENE	1	*	b	2	–	64	46				
	Brest (St. Mathieu)	1029·2	60	NNE	1	b	1029·2	o	55	+5	NE	2	*	bc	2	–	68	50				
	Rochefort (Ile d'Aix)	1026·1	60	N	4	c	1027·3	o	50	-4	ENE	3	*	b	*	–	64	48				
	Biarritz	1024·8	59	E	2	bc	1025·2	o	49	-3	E	3	*	b	2	–	66	46				
	Paris	1024·0	54	N	3	b	1026·7	+2	50		N	2	–	o	*	1	61	48				
	Belfort	1022·0	48	WSW	2	r	1026·0	*	43		–	o	*	f	*	1	51	42				
	Lyons	1023·0	48	NW	2	c	1024·0	*	49	+4	NNW	2	*	o	*	6	53	45				
	Nice	1012·7	57	–	o	b	1014·7	+1	59	o	–	o	*	b	2	–	70	50				
	Perpignan ...	1020·8	59	NW	3	b	1022·4	+2	57	+2	NW	3	–	b	*	–	66	50				
	Sanguinaire ...	*	65	N	3	b	*	*	64	+1	E	2	*	b	4	–	68	59				
SOUTHERN EUROPE.	Corunna (7 a.m.)	1024·0	64	NE	6	b	1019·1	o	57	-4	E	2	–	b	1	–	66	57				
	Madrid (8 a.m.)	1017·3	72	N	2	b	1022·3	+1	54		ESE	1		b	*	–	73	48				
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)		*				1023·9	*	*	*	SSW	4	*	o	3	*	*	*				
	Madeira (Funchal)																					

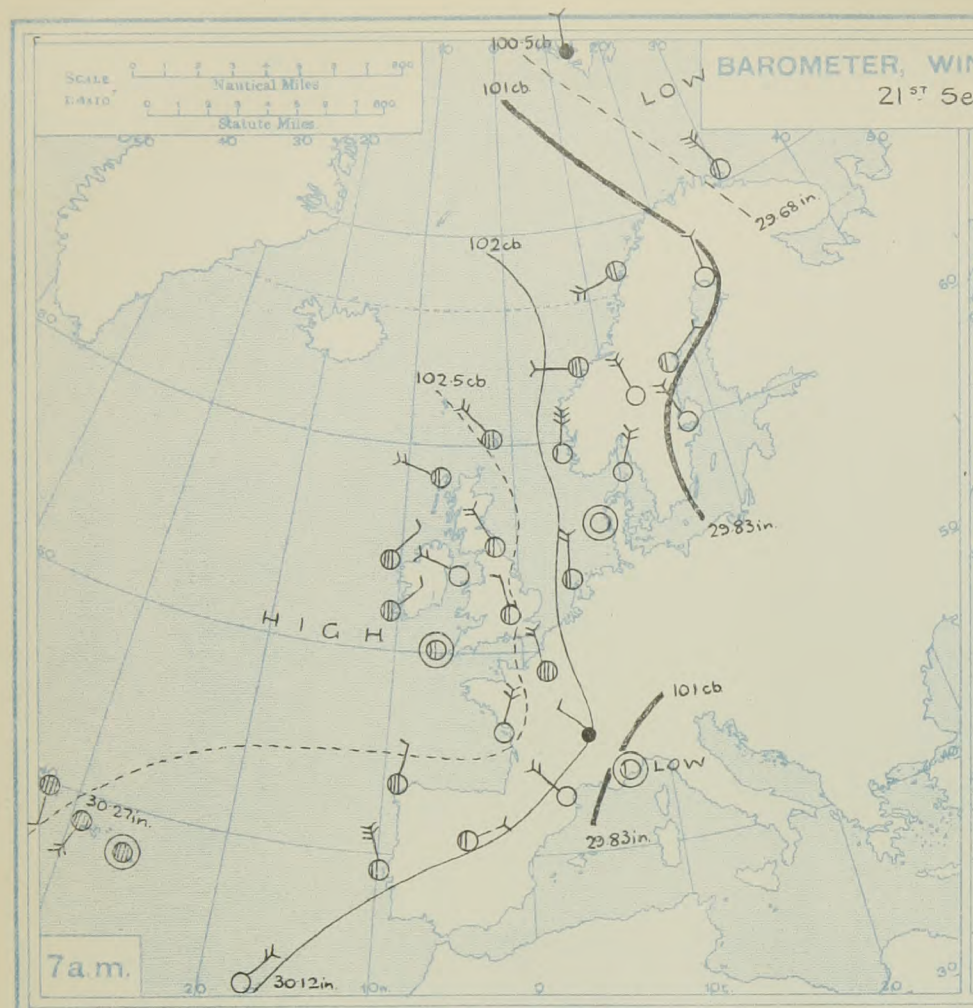
RAINFALL.

Equivalents of Millimetres in Inches.

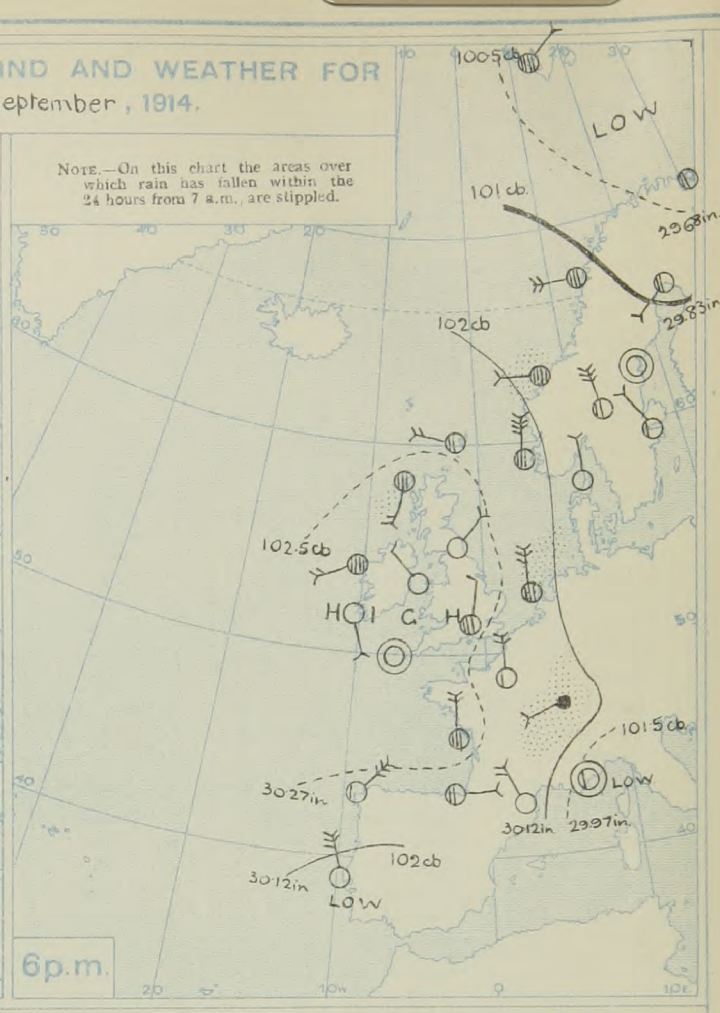
mm.	Inches.	mm.	Inches.
1	0·04	26	1·02
2	0·08	27	1·06
3	0·12	28	1·10
4	0·16	29	1·14
5	0·20	30	1·18
6	0·24	31	1·22
7	0·28	32	1·26
8	0·32	33	1·30
9	0·35	34	1·34
10	0·39	35	1·38
11	0·43	36	1·42
12	0·47	37	1·46
13	0·51	38	1·50
14	0·55	39	1·54
15	0·59	40	1·58
16	0·63	41	1·61
17	0·67	42	1·65
18	0·71	43	1·69
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.

BAROMETER, WIND AND WEATHER FOR 21ST September, 1914.

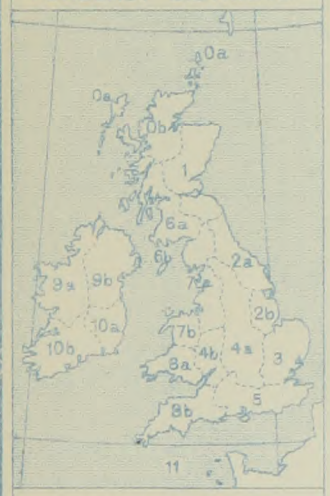


Note.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



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.

0 {a b} 1 — Wind mainly between South and West, light or moderate; mostly fine to-day, less so to-morrow, some rain in west; temperature rising.

2 {a b} 3 4 {a b} 5 — Light Northerly or variable airs, then light Southerly or South-Westerly; fair or bright, but mist or fog at times locally; temperature rising generally, but night again cold.

6 {a b} — Southerly and South-Westerly winds, light or moderate; fair, then some rain; milder.

7 {a b} 8 {a b} — Southerly or South-Westerly winds, light to moderate; fair or fine to-day, cloudy or dull to-morrow; temperature rising.

9 {a b} 10 {a b} — Southerly and South-Westerly winds, light to fresh; changeable, some rain later; moderate temperature.

11 — South-Easterly and Southerly winds, light or moderate; sea slight or smooth; mostly fair, some fog or mist.

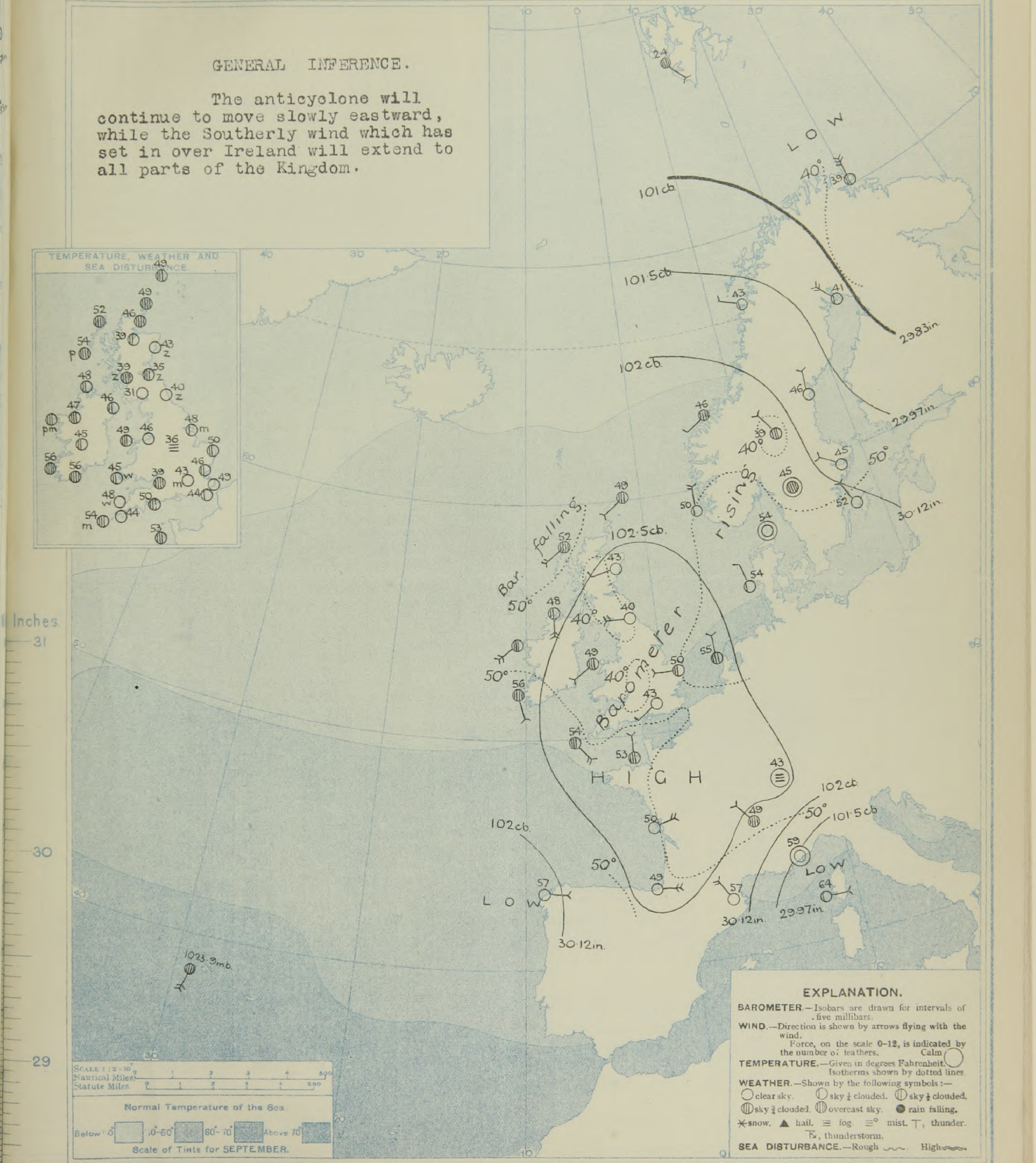
FURTHER OUTLOOK.

R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Tuesday, 22nd SEPTEMBER, 1914.

GENERAL INFERENCE.

The anticyclone will continue to move slowly eastward, while the Southerly wind which has set in over Ireland will extend to all parts of the 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 ¼ clouded. ◑ sky ½ clouded.
◑ sky ¾ clouded. ◑ overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog ≡° mist. ⊤, thunder. ⊤≀, thunderstorm.

SEA DISTURBANCE.—Rough ~~~ High ≈≈≈

DAILY WEATHER REPORT. Tuesday, 22nd September, 1914.

REPORTS FOR YESTERDAY.

21st September.

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min
Haparanda	1004.4	45	N	4	0	1010.9	+1	41	-2	N	2	N	b	*	-	46	34
Hernösand	1008.0	47	-	0	b	1012.8	+3	46	0	NE	2	NE	bc	*	-	54	37
Stockholm	1007.5	50	NW	2	0	1008.6	+2	48	-2	NNW	4	-	b	*	-	50	39
Wisby	1007.3	52	N	4	bc	1009.6	+2	52	+2	N	6	-	b	*	-	54	46
Karlstad	1009.5	50	-	0	b	1015.1	+4	46	0	NNW	4	-	b	*	-	57	39
Ushant	1024.0	55	N	3	b	1028.0	*	55	-1	N	2	*	b	3	-	63	50
Lyons	1015.8	52	NW	2	0	1021.0	*	45	-2	NW	1	*	r	*	-	60	42
Madrid	1016.6	72	-	0	0	1026.2	+3	63	+2	ENE	2	NW	bc	*	-	75	51
Roche's Point	.	.	.	.	.	1030.9	*	44	-4	NW	2	N	c	2	1	58	42

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
Scotland.	Banff	-	52	47	o	o od	1.4
Scotland.	Carnoustie	-	57	35			7.7
Scotland.	St. Andrews	-	57	35	b	b	10.4
Eng. N.E.	Harrogate	-	55	37	b	b bc o	7.4
Eng. N.E.	Scarborough		51	46	o	o	10.0
Eng. N.E.	Skegness	0.3	55	48	c.o	c od	5.1
Eng. N.W.	Douglas (I. of M.)						
Eng. N.W.	Morecambe	-	57	35	b	b	9.2
Eng. N.W.	Blackpool	-	56	35	c.bc.	b bc.	8.1
Eng. N.W.	Southport	-	55	35	bc.b.	b bc.	6.7
Midlands.	Buxton	-	51	33	b	b	6.5
Midlands.	Leamington Spa	-	57	37	bc	bc.c b.	5.2
Midlands.	Malvern	-	56	45	b	bc	7.3
Midlands.	Ross-on-Wye	-	61	33	w.bc.	bc.	7.2
Wales.	Rhyl	-	56	41	bc	bc	6.6
Wales.	Colwyn Bay	-	57	46	bc	bc	5.6
Wales.	Llandudno	-	59	48	bc	bc	7.4
Wales.	Bettws-y-Coed	-	58	37			5.8
Wales.	Aberystwyth	-	55	38	o.c.	b bc.	9.2
Wales.	Tenby	-	60	36	b	b	8.6
Wales.	Swansea	-	60	40	bc.b.	bc b.	6.4
England. E.	Cromer	1	57	51	c.bc.	c bc.	3.5
England. E.	Lowestoft	5	55	49	c.o bc.	c	2.5
England. E.	Felixstowe	1	61	46	bc	bc	7.5
England. E.	Walton-on-Naze	-	59	46	bc	bc.c.	8.4
England. E.	Southend-on-Sea	-	59	46	bc.b.	b bc.	8.5
England. S.E.	Tunbridge Wells	-	60	43	m bc.	b bc m	9.4
England. S.E.	Margate	-	57	49	bc b.	c bc c.	6.7
England. S.E.	Ramsgate	-	59	49	b	b	6.5
England. S.E.	Folkestone	-	58	48	bc	bc	9.7
England. S.E.	Littlestone						8.5
England. S.E.	Hastings	-	59	45	b	b	10.8
England. S.E.	Bexhill-on-Sea	-	59	45	b	b	10.9
England. S.E.	Eastbourne	-	60	44	b	b	9.5
England. S.E.	Seaford	-	59	42	b	b	8.4
England. S.E.	Brighton	-	61	43	c bc b.	b	8.7
England. S.E.	Worthing	-	60	42	bc	bc	8.8
England. S.E.	Littlehampton	-	59	43	bc b	bc b	8.1
England. S.E.	Bognor	-	59	43	b	b	9.6
England. S.E.	Southsea	-	58	42	c bc.	bc c o.	10.3
England. S.E.	Bournemouth	-	59	40	bc	bc	9.3
England. S.W.	Weymouth	-	60	40	bc b	b z	9.5
England. S.W.	Exmouth	-	64	39	b	b	8.2
England. S.W.	Teignmouth to 9 p.m.	-	62	41	b	b	8.7
England. S.W.	Torquay	-	61	42	b	bc b.	9.5
England. S.W.	Paignton	-	62	39	b bc	b	8.8†
England. S.W.	Plymouth						
England. S.W.	Falmouth	-	60	42	bv	bc b.	9.5
England. S.W.	Penzance	-	61	42	bc	b	10.0
England. S.W.	Bude	-	60	35	w bc b.	b	9.3
England. S.W.	Ilfracombe	-	60	43	bc	bc	7.1
England. S.W.	Weston-super-Mare	-	62	39	bc c.	b bc x	7.5

† to sunset.

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-Day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	49	75	8.0	60	37	29	-	bc	bc	c.o c b.
City (Bunhill Row)	*	*	7.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	51	64	8.0	59	39	34	-	bc	bc	bc
Camden Sq. (Brit. Rainfall)	49	66	7.3	61	39	36	-	bc	bc	*
Hampstead (Reservoir)	*	70	8.3	57	43	31	-	bc	bc	b bc x
Richmond Park	*	*								
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	50	64	8.0							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1289 Joules	29.2 Milliwatts.	65 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rain fall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	-	57	38	36	bm c	bc	b	*
Darwen to 9 p.m.	-	56	37	33	bc	bc	bc	7.5
Manchester ,,				*				
Birmingham ,,	-	56	38	29	c	c	c b.	
Oxford to 8 p.m.	*	58	40	32	bm c.	c b.	bc.	*
S. Kensington (Museum Grounds to 6 p.m.)	-	58	44	?38	bbc o c.	c bc.	bc c o.	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

22nd & 23rd Sept., 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.40	11.46	5.52
	5.41	11.45	5.49
Greenwich	5.47	11.53	5.59
	5.48	11.52	5.56
Wick	5.51	12.5	6.12
	5.52	12.4	6.9
Valencia	6.28	12.34	6.40
	6.29	12.33	6.37

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 60° except at a few stations in the south and south-west, and the minima of the night were low. At Eskdalemuir the thermometer fell to 28°, at some other Scottish stations and at Birr Castle to 34°, and at Nottingham to 35°. Bright sunshine was very prevalent except in Scotland and at some stations in the 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; 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.

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§ 1 mm. is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 23rd September 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1021·6	51	SW	3	bc	1017·3	−3	54	+5	S	4	S	c	2	0·2	54	48	bc	bc	bcmd	*
	Deerness ...	1020·6	52	SSE	3	c	1016·9	*	54	+5	SSE	4	–	og	4	–	55	45	o.c.bc.b	b.bc	c.o	2·7
	Stornoway ...	1019·0	53	SSW	6	odqp	1015·5	−1	55	+3	S	6	–	odqp	5	2	55	52	oq	odqp	odqp	0·0
	Castlebay (Barra Isd.)	1019·7	55	SE	5	r	1015·4	−2	56	+2	S	5	–	mr	5	20	57	52	omp	omp.r	r.op.om	0·0
	Glasgow ...	1024·6	54	SW	4	cz	1022·0	−2	55	+16	SSW	4	–	o	*	–	60	39	oz	oz	c.o	2·6
	Eskdalemuir ...	1026·0	49	SSW	3	c	1023·8	−1	51	+20	SSW	4	–	o	*	–	54	30	bzc.co	o.c	c.o	5·6
	Malin Head ...	1020·2	59	SSW	5	c	1015·6	−2	57	+9	SSW	6	S	bc	5	–	59	47	cg	cg	bcq	0·0
	Markree Castle	1021·3	59	S	3	o	1018·3	*	58	+11	S	3	–	r	*	1	*	*	bc.o	og	op	0·7
	Blacksod Point	*	*	SW	6	omp	*	*	*	*	SW	6	·	or	5	*	*	*	omp	omp	ompor	*
	Valencia ...	1022·0	58	SSE	4	r	1019·0	−2	58	+2	SSE	5	–	mr	5	13	59	56	omd	omr	omr	0·0
	Roche's Point	1025·9	58	S	3	o	1023·3	*	58	+2	SSW	4	–	o	5	5	60	56	o	o	od.r.o	*
	Birr Castle ...	1023·5	58	S	1	o	1021·1	*	57	+12	S	4	–	o	*	–	63	45	bc	c.o	o	6·8
	Donaghadee ...	1023·5	56	SSW	4	bc	1021·2	−2	56	+10	SW	4	–	om	3	–	60	45	bc	bc	bcz.cm	*
	Liverpool (Bidston)	1027·4	55	–	0	b	1026·5	−2	44	−2	S	2	–	b	2	–	59	44	b	bc	bm	6·5
	Holyhead ...	1026·5	56	SSW	4	bq	1024·9	−1	56	+7	SSW	5	SW	ogzq	4	–	60	49	c.bc.c.c	c.bc.b	b.bc.c.c	5·8
	Pembroke (St. Ann's)	1027·5	55	SW	3	c	1026·3	?	55	+10	SSW	4	S	bcq	4	–	58	45	c	c	bc	9·6
	Newquay ...	1027·4	55	NE	1	bc	1027·0	0	51	+3	SE	2	–	b	2	–	60	41	b	b	bw	9·3
	Scilly (St. Mary's)	1027·4	56	SSE	3	bcm	1026·2	−1	55	+1	SSE	3	S	bc	4	–	61	49	bc	bcm	b.bc	8·6
	Falmouth ...	1028·2	53	S	1	b	1027·4	−1	49	+5	S	2	–	b	2	–	60	43	b	bc.b	bw	9·6
	Jersey (St. Aubin)	1028·2	59	E	2	cm	1028·6	*	45	−8	E	2	–	bm	1	–	62	42	c	c.om	bc.bmw	2·3
	Portland Bill ...	1028·5	57	–	0	b	1029·0	−1	57	+7	SE	2	–	b	2	–	63	?50	b.bc	c.bc	b	*
	Dungeness ...	1028·2	58	NE	2	c	1028·8	0	44	0	NNE	1	NE	bc	1	–	60	40	b.bc.c	c.bc.c	bcw	*
	Dover	1028·6	50	NW	1	bz	1029·7	0	?46	−3	N	1	N	c	1	1	61	44	b.bc.c	c.bc.b	bz.cmp	5·4
	Wick	1020·8	54	SSE	3	c	1016·6	−2	56	+10	SW	5	–	o	4	1	56	45	ombc	bc.c	c.o	
	Nairn	1021·9	56	SW	1	og	1018·0	*	53	+14	–	0	–	cg	1	–	61	38	bc.b	c.o	cge	5·6
	Aberdeen ...	1022·6	53	SSW	1	bz	1020·1	−1	53	+10	SSW	4	W	c	2	–	60	43	bz	bz	bcz.o	8·9
	Leith	1024·9	57	SW	2	c	1021·9	−3	55	+20	SW	3	SW	c	*	–	60	34	oz.c	c	o	
	Tynemouth ...	1026·0	53	ESE	2	bm	1026·1	0	46	+6	SW	3	–	bm	3	–	56	40	bm	bm	bcm	7·0
	Spurn Head ...	1028·9	55	SSE	3	b	1028·9	0	49	+1	S	3	–	bc	4	–	57	45	bc	bc	b	9·0
	Yarmouth ...	1028·7	55	E	2	bc	1029·9	+2	48	−2	W	2	W	bcm	1	–	61	43	bc	bc	bc	6·6
	Clacton-on-Sea	1028·2	56	SE	1	bcw	1029·2	0	47	+1	NNW	2	–	bc	1	–	60	45	bc	bcw	bc.b.bc	9·7
	Nottingham ...	1027·9	52	SW	1	b	1028·9	*	34	−2	W	1	–	f	*	–	61	33	fm.b	bm	bm	8·0
	Bath	1028·1	57	S	1	m	1029·1	*	36	−3	?	?	–	bc	*	–	63	34	m.o.b	bz	z.cm	8·6
	London (Kew Obsy.)	1028·7	52	–	0	fe	1030·2	+1	37	−6	–	0	–	f	*	–	59	36	bm.b	b.bq.fe	c.f	7·8
ICELAND, FAEROE, &c.	Spitsbergen ...	1008·6	26	SE	2	o	1007·1	0	30	+6	S	1	*	S	*	*	30	23				
	Isafjord... ...												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1015·4	37	NW	4	0	1018·7	0	37	−2	SW	1	–	b	2	*	41	36				
	Bodö	1019·0	43	SW	2	c	1015·4	0	46	+3	E	6	–	r	2	S	46	41				
	Christiansund	1021·6	50	SW	1	c	1021·1	0	48	+2	SSW	1	–	b	3	2	52	46				
	Skudesnaes ..	1025·5	52	–	0	0	1025·7	0	55	+6	S	4	–	o	2	–	55	50				
	Færder (X'iania Fjord)	1023·4	57	SW	2	c	1025·0	0	57	0	SSW	1	–	c	1	–	57	52				
	The Scaw (Skagen)	1024·0	54	SSW	1	b	1026·7	+2	54	0	W	4	–	o	3	–	59	52				
	Blaavands Huk	1027·1	54	NW	1	bc	1030·3	0	55	+1	SW	1	–	o	2	Trace	57	50				
	Haparanda ...	1019·1	36	NW	2	b	1023·7	0	34	−7	SE	2	M	bc	*	–	46	27				
	Hernösand ...	1023·1	45	–	0	b	1025·1	+1	46	0	–	0	–	c	*	–	54	39				
	Stockholm ...	1022·9	50	NNE	2	b	1025·6	+2	48	+3	WSW	2	–	o	*	–	55	43				
	Wisby	1024·2	52	NNW	2	bc	1027·4	+1	54	+2	SW	2	E	bc	*	–	55	45				
	Karlstad	1024·0	48	–	0	c	1026·0	0	45	0	–	0	–	o	*	–	54	41				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1028·6	55	N	2	c	1030·9	+2	50	−5	SE	1	E	b	1	1	57	43				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1028·0	54	NE	4	bc	1029·1	+1	52	−1	E	2	*	b	2	–	61	48				
	La Hève	1028·4	48	NNE	1	b	1029·0	*	46	−3	ESE	2	*	m	1	10	59	45				
	Ushant							*					*									
	Brest (St. Mathieu)	1027·7	57	N	1	b	1029·5	0	52	−3	ESE	3	*	b	2	–	68	50				
	Rochefort (Ile d'Aix)	1026·1	59	ENE	3	b							*		*							
	Biarritz	1023·5	63	NE	2	bc	1023·4	0	48	−1	SE	3	*	b	1	–	66	46				
	Paris														*							
	Belfort							*					*		*							
	Lyons							*					*		*							
	Nice	1018·0	57	–	0	b	1019·1	+1	60	+1	–	0	*	b	2	–	70	50				
	Perpignan ...														*							
	Sanguinaire ...	*	65	S	2	b	*	*	64	0	E	2	*	b	3	–	77	64				
SOUTHERN EUROPE.	Corunna (7 a.m.)																					
	Madrid (8 a.m.)														*							
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)		*				1019·8	*	*	*	WSW	3	*	bc	*	*	*	*				
	Madeira (Funchal)																					

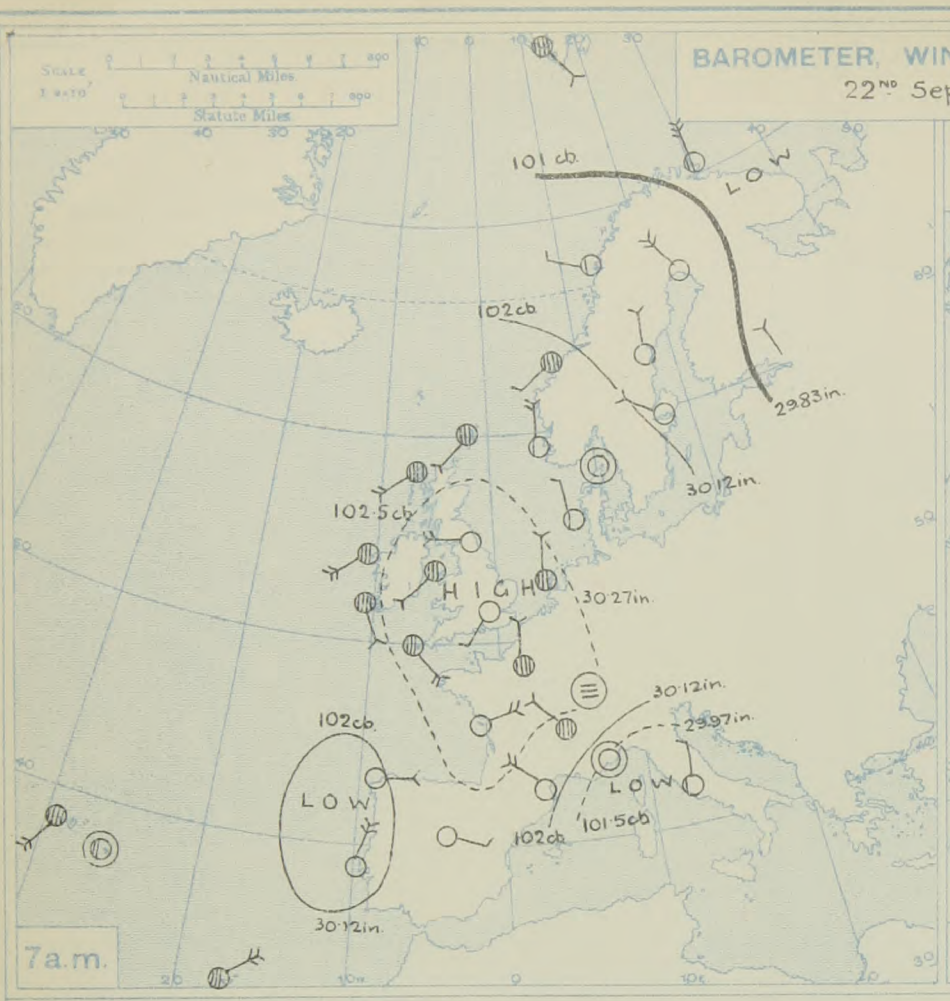
RAINFALL.

Equivalents of Millimetres. in Inches.

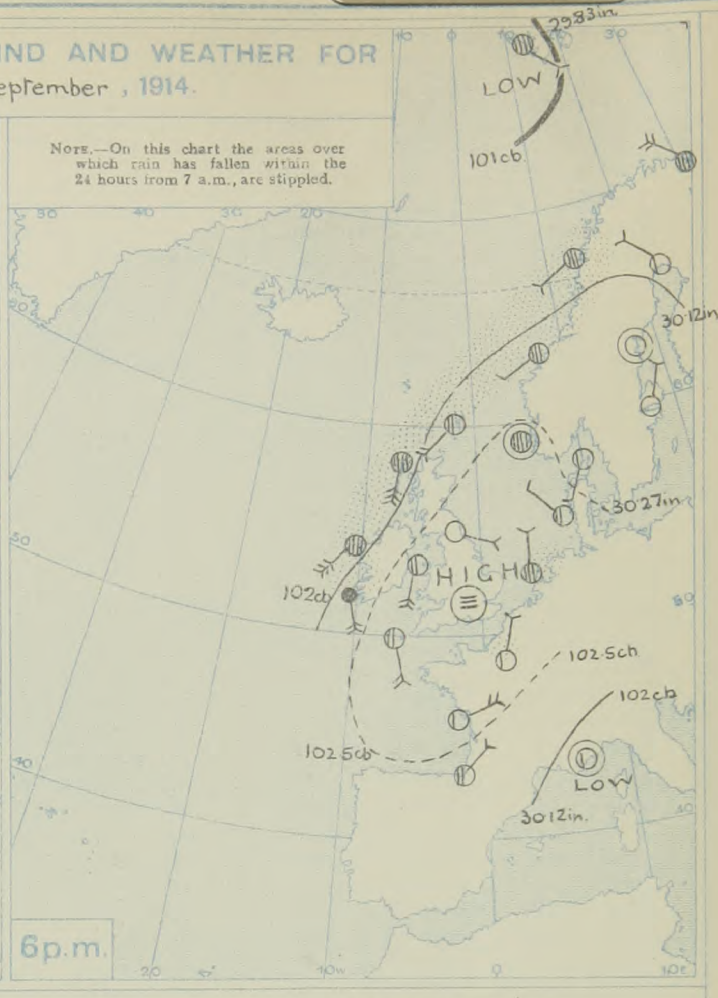
mm.	Inches.	mm.	Inches.
1	0·04	26	1·02
2	0·08	27	1·06
3	0·12	28	1·10
4	0·16	29	1·14
5	0·20	30	1·18
6	0·24	31	1·22
7	0·28	32	1·26
8	0·32	33	1·30
9	0·35	34	1·34
10	0·39	35	1·38
11	0·43	36	1·42
12	0·47	37	1·46
13	0·51	38	1·50
14	0·55	39	1·54
15	0·59	40	1·58
16	0·63	41	1·61
17	0·67	42	1·65
18	0·71	43	1·69
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.

BAROMETER, WIND AND WEATHER FOR 22nd September, 1914.

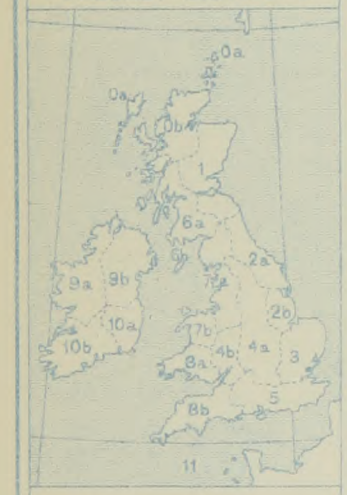


Nors.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

FORECAST DISTRICTS.



0 {a, b} 1 — Southerly and South-Westerly winds, light to fresh; cloudy or overcast generally, some rain, most in west; moderate temperature.

2 {a, b} — Southerly and South-Westerly winds, light or moderate; fair or fine; temperature rising.

3, 4 {a, b} 5 — Light variable winds; mostly fine, but mist or fog locally; temperature low. Wind subsequently becoming Southerly or South-Westerly, light or moderate, with a higher temperature and fair weather.

6 {a, b} — Same as Nos. 0 and 1.

7 {a, b} — Southerly and South-Westerly winds, light to fresh or strong; a good deal of cloud, some rain in places.

8 {a, b} — Southerly and South-Westerly winds, light to fresh; fair generally, but some rain locally later; moderate temperature.

9 {a, b} 10 {a, b} — Southerly and South-Westerly winds, moderate to fresh or strong; cloudy or overcast, some rain, most in west; mild.

11 — Southerly winds, light to fresh; sea slight to moderate; fine, then becoming dull, with some rain.

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.

Millibars: 1050, 1040, 1030, 1020, 1010, 1000, 990, 980, 970

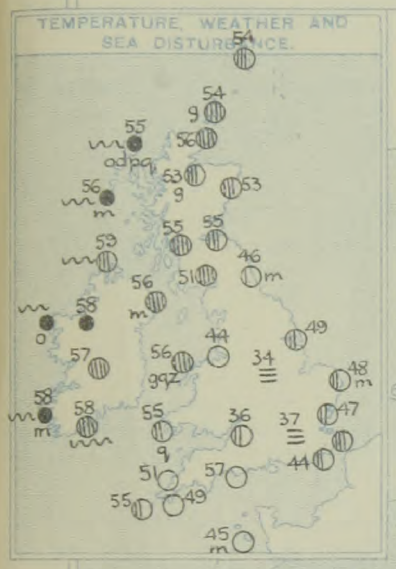
FURTHER OUTLOOK.

R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Wednesday, 23rd SEPTEMBER, 1914.

GENERAL INFERENCE.

It appears probable that the Southerly to South-Westerly wind current prevalent over the northern and western parts of the United Kingdom will extend gradually eastwards.



29.83in
LOW
101cb
29.97in
101·5cb
30·12in
30·27in
40°
50°
Barometer rising
29.97in
LOW
101·5cb
Barometer falling slightly
Barometer steady
30·42in
HIGH
103cb
102·5cb
102cb
LOW
30·12in
102cb

Scales 1:12,000,000
Nautical Miles
Statute Miles

Normal Temperature of the Sea.
Below 40° | 40°-60° | 60°-70° | Above 70°
Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✕ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⊼, thunderstorm.

SEA DISTURBANCE.—Rough ~~~. High ≈≈.

DAILY WEATHER REPORT.

Wednesday, 23rd September, 19

REPORTS FOR YESTERDAY,

22nd September,

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Tr Max.
		°F					‡	°F	°F							°F
St. Petersburg	999.1	50	N	1	r	1007.5	+6	48		NW	2	–	0	*	8	52
Lisbon (9a.m)	1017.1	70	NNW	5	b	1016.7	0	70	+6	NNE	4	–	b	5	–	73
Rome	1009.6	61	W	1	°	1014.3	+3	52		N	1	–	b	*	2	73
Madeira (Funchal).	1021.2	77	NE.	4	b	1020.7	0	68	-5	NE	4	N	c	4	Trace	77

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
Scotland.	Banff	–	59	39	b.bc	bc.c	8.5
Scotland.	Carnoustie	–	58	36	*	*	3.6
Scotland.	St. Andrews	–	60	32	*	*	4.4
Eng. N.E.	Harrogate	–	59	35	b	b.bc	8.1
Eng. N.E.	Scarborough	*	60	41	o.c	c.b	6.7
Eng. N.E.	Skegness	–	58	37	b	b	9.7
Eng. N.W.	Douglas (I. of M.) ...						
Eng. N.W.	Morecambe	–	59	36	bc.b	b.bc	8.1
Eng. N.W.	Blackpool	–	59	40	c.bc	c	7.9
Eng. N.W.	Southport	–	61	44	bc.b	b.bc	8.7
Midlands.	Buxton	–	56	32	c	c	7.1
Midlands.	Leamington Spa	–	60	42	bz	bz	7.3
Midlands.	Malvern	–	59	40	b	b	9.0
Midlands.	Ross-on-Wye	–	62	32	wf.bc	bc	8.6
Wales.	Rhyl	–	60	37	b	bc	5.9
Wales.	Colwyn Bay	–	59	39	bc	bc	7.2
Wales.	Llandudno	–	61	42	b	b	5.7
Wales.	Bettws-y-Coed	–	60	36	b	b	5.5
Wales.	Aberystwyth	–	60	44	c.bc	b.bc	10.2
Wales.	Tenby	–	60	35	b	b	9.2
Wales.	Swansea	–	60	39	b	b	9.4
England. E.	Cromer	–	58	51	c	bc	3.8
England. E.	Lowestoft	1	57	48	bc.b	b.bc.	8.7
England. E.	Felixstowe	–	60	43	bc	bc	7.2
England. E.	Walton-on-Naze	–	?	43	bc	bc	8.7
England. E.	Southend-on-Sea	–	64	44	o.bc.b	b	7.3
England. S.E.	Tunbridge Wells	–	61	36	bm	b.bc.bm	
England. S.E.	Margate	–	59	49	b	b	
England. S.E.	Ramsgate	–	59	48	b	b	
England. S.E.	Folkestone	–	58	46	bc.cv	bc.b.bc	
England. S.E.	Littlestone	*	*	*	*	*	
England. S.E.	Hastings	–	62	45	b	b	
England. S.E.	Bexhill-on-Sea	–	62	49	b	b	
England. S.E.	Eastbourne	–	61	44	o.b	b	
England. S.E.	Seaford	–	62	42	b	b	
England. S.E.	Brighton	–	62	41	b.bc	b	
England. S.E.	Worthing	–	61	39	b	b	
England. S.E.	Littlehampton	–	58	43	bc.b	b	
England. S.E.	Bognor	–	59	43	b	b	
England. S.E.	Southsea	0.3	60	42	bc	bc	
England. S.E.	Bournemouth	–	61	37	bc	b	
England. S.W.	Weymouth	–	63	41	bcz.b	bz	
England. S.W.	Exmouth	–	62	39	b	b	
England. S.W.	Teignmouth to 9 p.m. ...	–	62	40	b	b	
England. S.W.	Torquay	–	62	42	b	b	
England. S.W.	Paignton	–	61	37	b	b	
England. S.W.	Plymouth to 9 p.m. ...	–	61	38	bcz	bc	
England. S.W.	Falmouth	–	60	42	b	bc.b.	
England. S.W.	Penzance	–	60	42	bc	b	
England. S.W.	Bude	–	61	36	w.bc.b	b	
England. S.W.	Ilfracombe	–	59	44	b	b	
England. S.W.	Weston-super-Mare ...	–	63	37	b	b	

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max. (24 hours ended 9 a.m. To-day.)	Temperature. In Screen. Min. (24 hours ended 9 a.m. To-day.)	Temperature. Min. on Grass. (24 hours ended 9 a.m. To-day.)	Rainfall. (24 hours ended 9 a.m. To-day.)	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.) ...	53	70	8.1	62	35	27	–	b	bc.b	b
City (Bunhill Row)	*	*	5.7	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	55	96	5.8	60	37	34	–	b	bcf	f
Camden Sq. (Brit. Rainfall)	52	100	7.2	61	36	34	–	f.b	b	*
Hampstead (Reservoir) ...	*	70	9.1	60	44	30	–	f.bc	bm	bmc
Richmond Park ...	*	*								
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	51	72	6.2	995 Joules	22.1 Milliwatts.	45 Milliwatts.				

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Additional Observations for Yesterday.

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	mm.§	°F.	°F.	°F.				Hr.
Dublin to 4 p.m.	–	62	41	40	bm.c	c.b	bc	*
Darwen to 9 p.m.	–	59	39	34	bc	bc	bc	7.3
Manchester ,,	–	60	40	*	bcp	bc.b	b	7.5
Birmingham ,,	–	57	42	24	*	bz	c	0.3
Oxford to 8 p.m.	*	61	43	36	o.c.bm	bm.bc	bc.bm	*
S. Kensington (Museum Grounds to 6 p.m.)	–	59	44	32	c.b	bbc.bz	bz.bm	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

23rd & 24th Sept. 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.44 / 5.43	11.45 / 11.45	5.49 / 5.47
Greenwich	5.48 / 5.50	11.52 / 11.52	5.56 / 5.54
Wick	5.59 / 6.1	12.4 / 12.4	6.9 / 6.6
Valencia	6.29 / 6.31	12.33 / 12.33	6.37 / 6.36

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 60° in most parts of these Islands. Slight ground frost occurred at night in some parts of Great Britain, and at Nottingham the thermometer in the screen fell to 33°. A considerable quantity of rain occurred at Valencia and Castlebay, and in the extreme west and north-west of the Kingdom the day was cloudy or overcast. Elsewhere there was much bright 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; 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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday, 24th September, 1914.

	STATIONS	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall. Millimetres.	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1017·5	55	S	3	cmd	1018·3	0	54	0	SSW	3	N	c	2	3	57	53	cm	cmd	cmd	*
	Deerness ...	1018·3	56	SW	2	cz	1018·6	*	54	0	S	3	–	cg	3	1	59	52	cg,c	c.c	c.c	0·1
	Stornoway ...	1016·7	57	SSW	5	or	1018·4	+3	56	+1	SW	5	–	cg	4	8	58	54	cd.rg	or	cg,c	0·0
	Castlebay (Barra Isd.)	1016·5	57	S	4	r	1019·8	+2	56	0	SSW	4	–	cp	5	12	58	55	r	r.cp.r	r.cp	0·0
	Glasgow ...	1023·0	56	SSW	3	cg	1024·5	+1	54	-1	SSW	2	–	cd	*	2	58	53	c	cp.c	cdp	0·0
	Eskdalemuir ...	1025·6	53	SSW	4	c	1026·2	*	50	-1	SSW	3	SW	c	*	1	54	50	c.cr.c.	c	c.bq	0·0
	Malin Head ...	1017·8	58	S	6	r	1020·8	0	55	-2	SW	4	SW	c	3	5	61	55	cq,p	cmr	cg,m	0·0
	Markree Castle	1019·3	58	S	6	c	1022·0	*	53	-5	SE	3	–	c	*	13	*	*	cp	cr	c.cp	0·0
	Blacksod Point	*	*	SW	6	cmr	*	*	*	*	S	4	*	*	5	*	*	*	cr cmr	cmr	cmr.cm	*
	Valencia ...	1021·2	58	SSE	4	r	1019·8	0	57	-1	SSE	4	–	c	5	24	59	56	cmp	cmr	cmr	0·0
	Roche's Point	1024·4	59	S	4	c	1023·5	*	56	-2	S	4	–	c	4	–	60	55	c	c	c.b.c	*
	Birr Castle ...	1022·2	58	S	3	c	1023·0	*	53	-4	SSE	2	–	m	*	0·3	63	53	c.cp	c	cg	1·2
	Donaghadee ...	1021·8	56	SSW	4	cmp	1024·0	+2	53	-3	SW	3	SW	cm	2	1	61	52	cm	cmp	cg,mr	*
	Liverpool (Bidston)	1027·1	56	SW	2	b	1027·4	0	45	+1	SSE	2	–	b	2	–	63	44	b	b	bm	10·5
	Holyhead ...	1025·8	58	SSW	5	bcq	1026·0	0	54	-2	S	4	SW	bm	3	–	60	53	c.c.bcq	c.c.c.cq	b.bcw	2·9
	Pembroke (St. Ann's)	1026·9	57	SW	4	b	1026·1	?	56	+1	S	3	S	bm	3	–	59	55	bcq	bm	bm	9·2
	Newquay ...	1026·8	53	–	0	bq	1024·7	-2	55	+4	SE	3	–	b	3	–	62	45	bv	bq	b.bw	10·0
	Scilly (St. Mary's)	1026·3	57	SSE	3	cm	1023·6	-2	56	+1	SE	4	–	b	4	–	63	54	bm	bcm	b	9·7
	Falmouth ...	1027·0	56	SSW	1	b	1025·1	?	57	+8	ESE	3	–	b	4	–	63	48	b	b	bw	10·8
	Jersey (St. Aubin)	1028·2	60	E	2	b	1026·9	*	54	+9	E	3	–	bm	3	–	63	44	bm.b.	b	bmw	10·6
	Portland Bill ...	1029·0	58	SE	2	b	1027·8	0	59	+2	SE	3	–	b	3	–	62	55	bc	bc	b	*
	Dungeness ...	1029·6	58.	NNE	1	b	1030·2	0	47	+3	–	0	–	bm	0	–	62	43	bc	bq	bmw	*
	Dover	1030·5	55	E	1	b	1030·2	0	50	+4	E	1	–	bf	1	0·3	61	45	c.bc.b.	b	bq.f	10·4
	Wick	1018·0	58	SW	4	c	1019·1	+1	56	0	WSW	3	W	c	3	1	61	54	c.bc	bcq.c	bcp.cm	*
	Nairn	1018·7	60	–	0	cg	1019·7	*	58	+5	WSW	3	–	cg	2	1	65	52	bc.c	cg	cq,p	1·3
	Aberdeen ...	1021·1	60	SW	3	c	1022·3	+1	56	+3	SSW	1	W	cm	3	4	61	53	cg.c	cg	cmr	0·4
	Leith	1023·7	60	ENE	1	r	1024·0	+1	58	+3	SW	3	SW	c	*	–	64	55	c.c	cg	c	*
	Tynemouth ...	1024·8	60	SW	3	cm	1026·8	0	49	+3	SW	3	–	bcm	3	–	62	45	cm	cm	bcm	7·4
	Spurn Head ...	1028·7	58	S	3	b	1029·7	+1	50	+1	S	2	–	b	3	–	65	47	b	b	b	9·3
	Yarmouth ...	1029·9	58	SSE	2	bc	1030·4	0	46	-2	SSW	1	–	f	1	–	61	43	bc	bc	bc.cf	7·0
	Clacton-on-Sea	1029·5	58	ESE	2	b	1029·5	0	49	+2	WNW	1	–	bm	0	–	61	46	bc.b	bv	bv.m	6·5
	Nottingham ...	1028·0	58	SSW	2	b	1029·3	*	35	+1	SSW	1	–	f	*	–	65	33	f.m.b	bm	b	9·0
	Bath	1028·8	58	S	1	b	1029·1	*	41	+5	ENE	1	–	m	*	–	64	36	m.b.bc	bc.c.b	bm	9·8
	London (Kew Obsy.)	1029·3	58	S	1	bm	1029·9	+1	41	+4	–	0	–	fe	*	–	65	36	f.bm.b.bc	bc.b.bm	md.fe	6·0
ICELAND, FAEROE, &c.	Spitsbergen ...	991·3	35	NE	2	r	989·0	-3	33	+3	WSW	2	*	r	*	?	35	28				
	Isafjord												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1014·0	41	SW	3	o	1004·4	-7	43	+6	SW	7	–	c	3	*	43	34				
	Bodö	1015·8	52	SW	5	o	1013·5	0	52	+6	SW	5	–	o	4	11	52	45				
	Christiansund	1018·0	55	ESE	1	o	1018·1	-2	54	+6	SE	1	–	c	3	1	57	48				
	Skudesnaes ..	1025·9	57	SSW	5	c	1024·8	0	55	0	S	6	–	m	4	–	57	34				
	Færder (X'ianiaFjord)	1025·0	57	SW	4	b	1023·9	0	55	-2	WSW	6	–	m	3	–	57	55				
	The Scaw (Skagen)	1028·2	55	WSW	1	o	1027·0	+1	52	-2	SW	2	–	m	2	–	57	48				
	Blaavands Huk	1030·7	57	W	1	c	1030·6	0	57	+2	W	3	W	bc	3	–	57	54				
	Haparanda ...	1019·8	46	WSW	2	o	1015·5	-1	48	+14	SW	2	–	r	*	1	48	32				
	Hernösand ...	1024·0	50	–	0	b	1024·0	0	46	0	–	0	SW	b	*	–	55	45				
	Stockholm ...	1026·9	50	S	2	bc	1026·4	0	50	+2	SSW	2	–	o	*	–	59	45				
	Wisby	1028·7	52	WSW	2	b	1029·1	0	54	0	WSW	2	–	o	*	–	55	48				
	Karlstad	1026·7	54	–	0	bc	1024·4	-1	55	+10	WSW	4	–	c	*	–	59	45				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1031·4	55	SE	1	b	1031·7	0	46	-4	S	1	N	b	0	–	61	41				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1029·5	56	ENE	3	bc	1029·3	0	55	+3	SE	2	*	b	1	–	66	50				
	La Hève	1029·0	46	ESE	2	m	1027·9	*	50	+4	ENE	3	*	m	1	–	64	45				
	Ushant							*					*									
	Brest (St. Mathieu)	1027·7	52	–	0	b	1022·7	-2	52	0	E	4	*	b	3	–	64	48				
	Rochefort (Ile d'Aix)	1025·2	63	E	3	b	1023·4	-1	50	0	E	3	*	b	*	–	72	48				
	Biarritz	1021·3	62	ENE	2	b	1019·8	0	51	+3	ESE	3	*	b	1	–	70	48				
	Paris	1028·8	52	ENE	1	b	1026·3	0	45	+1	NE	1	–	b	*	–	64	41				
	Belfort †	1028·7	52	ENE	6	c	1028·0	*	43	+2	ENE	6	*	m	*	–	56	39				
	Lyons	1025·2	54	NNW	2	c	1026·1	*	47	0	NNW	1	*	b	*	–	61	39				
	Nice	1020·8	59	W	2	b	1021·2	+1	61	+1	–	0	*	b	2	–	73	52				
	Perpignan ...	1022·0	61	NW	1	b	1022·7	0	50	-7	SSW	1	–	b	*	–	70	43				
	Sanguinaire † ...	*	72	W	3	bc	*	*	65	+1	E	1	*	bc	2	–	72	59				
SOUTHERN EUROPE.	Corunna (7 a.m.)																					
	Madrid (8 a.m.)	1016·0	73	NE	1	b	1022·3	+3	59	0	NE	1	–	b	*	–	75	54				
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)		*				1018·7	+1	?70		NNE	3	–	o	3	–	77	70				
	Madeira (Funchal)																					

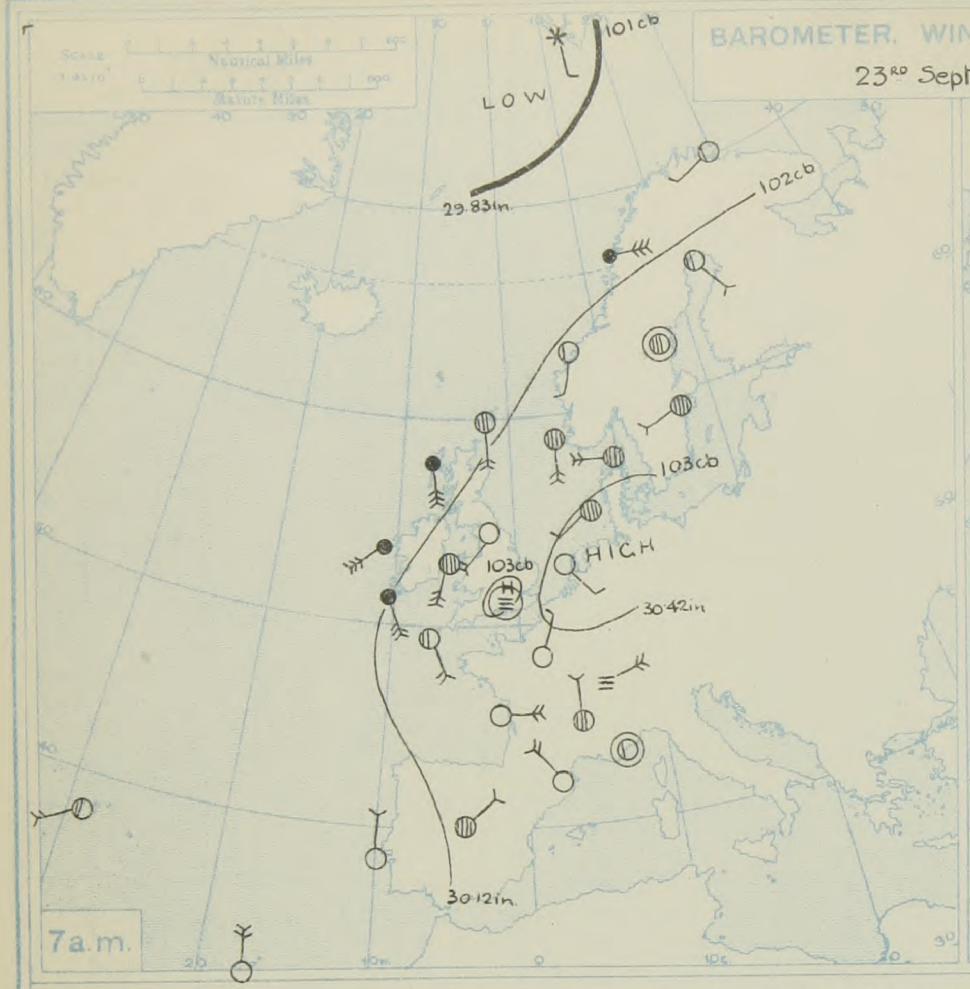
RAINFALL.

Equivalents of Millimetres in Inches.

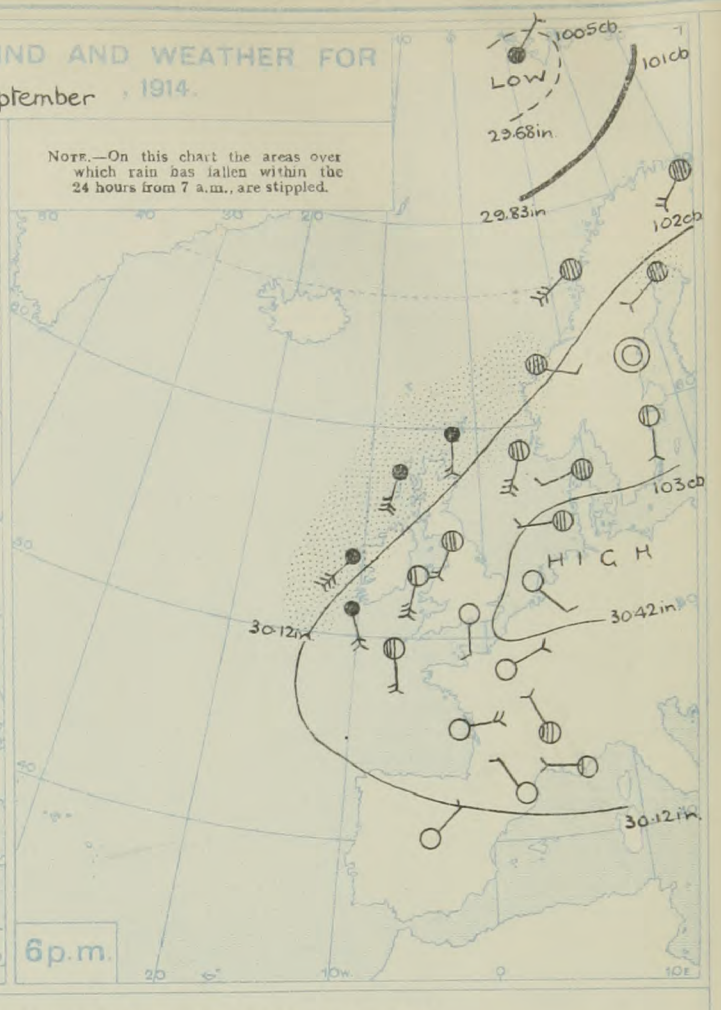
mm.	Inches.	mm.	Inches.
1	0·04	26	1·02
2	0·08	27	1·06
3	0·12	28	1·10
4	0·16	29	1·14
5	0·20	30	1·18
6	0·24	31	1·22
7	0·28	32	1·26
8	0·32	33	1·30
9	0·35	34	1·34
10	0·39	35	1·38
11	0·43	36	1·42
12	0·47	37	1·46
13	0·51	38	1·50
14	0·55	39	1·54
15	0·59	40	1·58
16	0·63	41	1·61
17	0·67	42	1·65
18	0·71	43	1·69
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.

BAROMETER, WIND AND WEATHER FOR 23RD September, 1914.

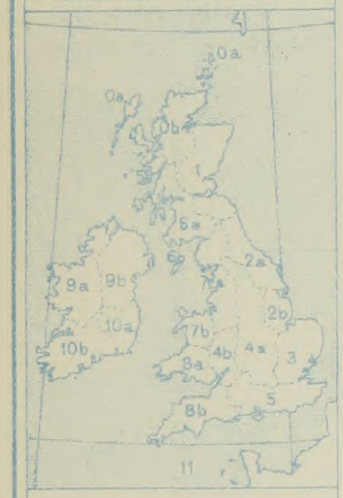


NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



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.

0 a, b; 1 — Southerly and South-Westerly winds, light or moderate; a good deal of cloud, some rain and mist locally; mild.

2 a, b — Southerly or South-Westerly winds, light to moderate; fair or bright generally, some mist or fog locally; moderate temperature.

3 4 a, b — Wind Southerly or variable, light; mist or fog at times, otherwise fine; temperature about normal.

5 — Wind mainly between East and South, light; occasional fog or mist, otherwise fine; temperature about normal.

6 a, b — Same as Nos. 0 and 1.

7 a, b — Same as Nos. 3 and 4.

8 a, b — Wind between East and South, light or moderate; mist or fog locally, otherwise fine generally; moderate temperature.

9 10 a, b — Wind from some Southerly point, light or moderate, fresh locally; variable sky, some rain in west; moderate temperature.

11 — Wind between East and South-East, light or moderate, fresh locally; sea moderate or slight; some mist or fog, otherwise fine.

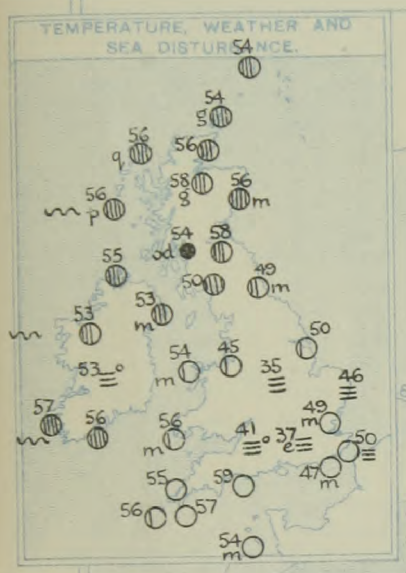
FURTHER OUTLOOK.

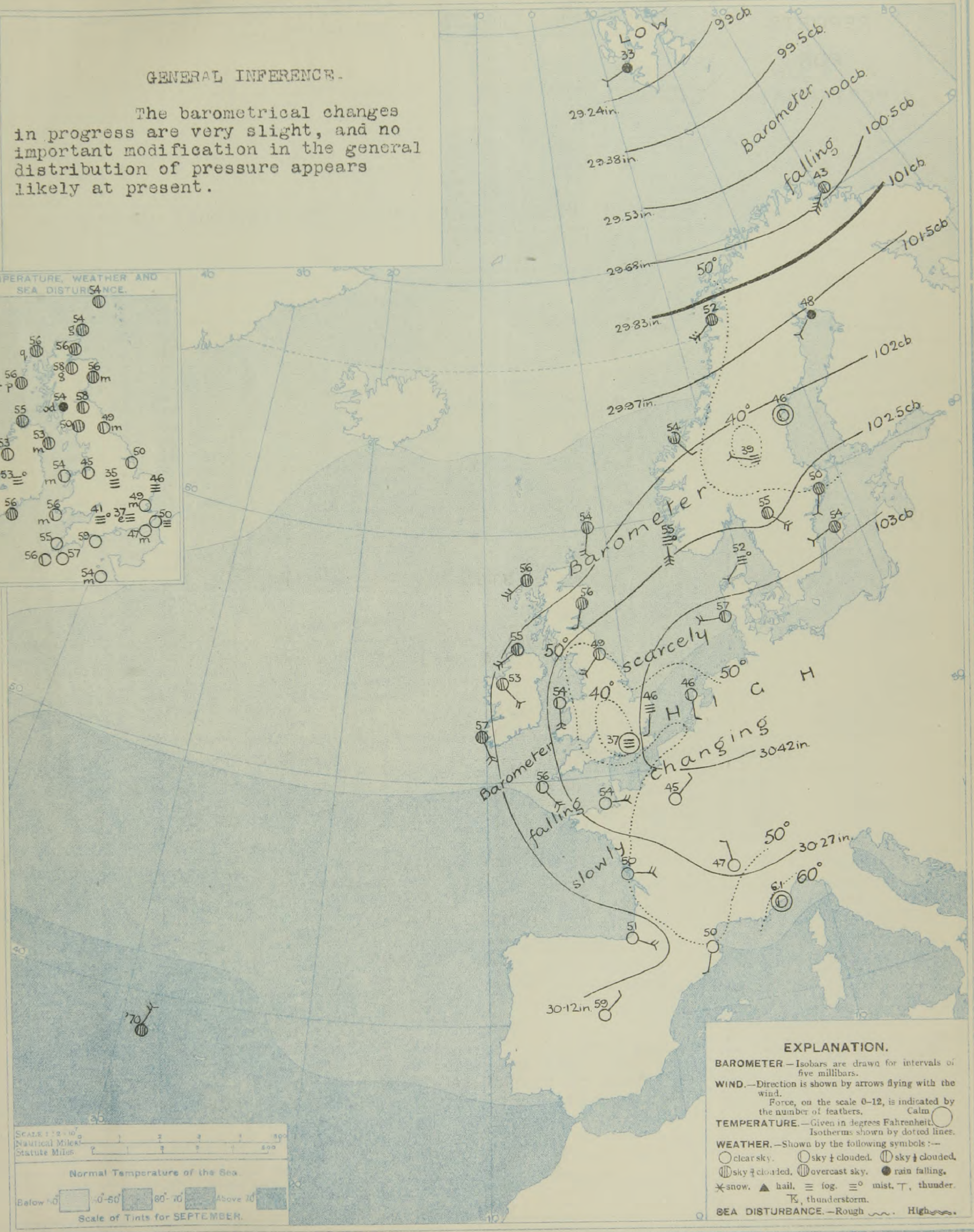
R. G. K. LEMPFERT, Superintendent, Forecast Division. W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Thursday, 24TH SEPTEMBER, 1914.

GENERAL INFERENCE.

The barometrical changes in progress are very slight, and no important modification in the general distribution of pressure appears likely at present.





Normal Temperature of the Sea.

Below 40° | 40°-50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤ thunder. ⊤ϟ thunderstorm.

SEA DISTURBANCE.—Rough ~~. High ~~.

DAILY WEATHER REPORT. Thursday, 24th September, 1914.

REPORTS FOR YESTERDAY.

23rd September,

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp. °F	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F	Temp. Change in 24 hours. °F	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F
Ushant	1028·0	55	E	3	b	1028·2	*	54	+2	SE	3	*	b	0	–	63	48
Rochefort (Ile d'Aix)						1026·6	+1	50	0	E	4	*	b	*	–	68	48
Paris	1027·5	50	NNE	1	b	1029·1	+2	44	−6	NNE	1	–	b	*	–	61	41
Belfort	1026·4	48	–	0	bc	1028·0	*	41	−2	ENE	4	*	f	*	Trace	50	39
Lyons	1023·9	53	NNW	1	bc	1025·3	*	47	−2	NNW	2	*	c	*	–	60	44
Perpignan	1021·6	61	NNW	3	b	1022·4	0	57	0	NW	3	–	b	*	–	68	48
Madrid (8 a.m)	1016·6	70	E	1	b	1020·4	+2	59	+4	NE	2	–	o	*	–	72	50
Lisbon (9 a.m)	1015·4	77	NNW	4	b	1015·8	0	63	−7	N	2	–	b	2	–	82	61
Madeira (Funchal)	1018·4	73	NNE	4	c	1018·6	+1	66	−2	N	4	–	b	4	–	75	66

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
Scotland.	Banff	0·3	67	50	c bc c o	bc b	2·1
Scotland.	Carnoustie	–	61	47	*	*	0·3
Scotland.	St. Andrews	–	65	48	*	*	2·0
Eng. N.E.	Harrogate	–	61	42	b	b	9·6
Eng. N.E.	Scarborough	*	63	44	bc	bc	8·2
Eng. N.E.	Skegness	–	64	43	b	b	9·4
Eng. N.W.	Douglas (I. of M.)						
Eng. N.W.	Morecambe	–	61	43	b bc	bc	3·2
Eng. N.W.	Blackpool	–	62	41	c	c	5·4
Eng. N.W.	Southport	–	63	42	b bc	b bc	8·3
Midlands.	Buxton	–	58	34	b	b	8·8
Midlands.	Leamington Spa	–	63	33	b	b	8·9
Midlands.	Malvern	–	61	42	b	b	8·9
Midlands.	Ross-on-Wye	–	64	31	x b	bc	9·0
Wales.	Rhyl	–	62	40	b	bc	10·3
Wales.	Colwyn Bay	–	62	49	b	bc	5·6
Wales.	Llandudno	–	63	46	bc	b	3·8
Wales.	Bettws-y-Coed	–	62	36	b	b	7·8
Wales.	Aberystwyth	–	61	55	c b	bc c	11·0
Wales.	Tenby	–	62	46	b	b	10·0
Wales.	Swansea	–	63	43	bc b	b	8·0
England. E.	Cromer	–	68	46	b	b	10·5
England. E.	Lowestoft	–	62	46	c bc b	b	7·5
England. E.	Felixstowe	–	62	43	c m	b	6·1
England. E.	Walton-on-Naze	–	61	46	o c o bc	bc	6·2
England. E.	Southend-on-Sea	–	63	46	b o b	b bc	3·9
England, S.E.	Tunbridge Wells	–	63	36	m b bc	b m	8·2
England, S.E.	Margate	–	63	49	b	b	8·8
England, S.E.	Ramsgate	–	63	47	b	b	10·1
England, S.E.	Folkestone	2	64	49	bc	b	9·0
England, S.E.	Littlestone	*	*	*	*	*	8·7
England, S.E.	Hastings	–	63	46	b	b	11·1
England, S.E.	Bexhill-on-Sea	–	62	49	b	b	10·7
England, S.E.	Eastbourne	–	63	41	b	b	10·5
England, S.E.	Seaford	–	64	42	b	b	11·0
England, S.E.	Brighton	–	64	41	bc b	b	10·7
England, S.E.	Worthing	–	64	40	bc b	b	11·2
England, S.E.	Littlehampton	–	61	42	c bc c b	b	7·4
England, S.E.	Bognor	–	62	41	o	b	6·9
England, S.E.	Southsea	–	63	40	o c	bc	7·0
England, S.E.	Bournemouth	–	63	38	b	b	9·3
England, S.W.	Weymouth	–	63	46	3 b	b 3	9·0
England, S.W.	Exmouth	–	63	37	b	b	9·1
England, S.W.	Teignmouth to 9 p.m.	–	64	37	b	b	9·1
England, S.W.	Torquay	–	62	42	b	bc b	9·1
England, S.W.	Paignton	–	63	36	bc	bc	8·6
England, S.W.	Plymouth to 9 p.m.	–	63	41	b	bc	10·2
England, S.W.	Falmouth	–	63	43	b	b	10·8
England, S.W.	Penzance	–	61	47	b	b	10·9
England, S.W.	Bude	–	64	39	w b	b	11·0
England, S.W.	Ilfracombe	–	64	44	b	b bc	9·0
England, S.W.	Weston-super-Mare	–	64	44	b	b	10·0

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max. (24 hours ended 9 A.M. To-day.)	Temperature. In Screen. Min. (24 hours ended 9 A.M. To-day.)	Temperature. Min. on Grass. (24 hours ended 9 A.M. To-day.)	Rainfall. (24 hours ended 9 A.M. To-day.)	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	58	100	6·6	67	42	29	–	b	bc b	b f
City (Bunhill Row)	*	*	4·1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	55	90	5·5	66	43	32	–	bc	bc	b o m f
Camden Sq. (Brit. Rainfall)	84	100	4·3	67	41	37	–	f bc	bc c	*
Hampstead (Reservoir)	*	69	6·0	63	44	33	–	bm	bc	bm
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.

Total.	Average Rate.	Max. Rate.
975 Joules	22·3 Milliwatts.	55 Milliwatts.

S. Kensington (Roof of M.O.)	52	94	5·4

Additional Observations for Yesterday.

STATIONS.	Rainfall.	Temperature. In Screen. Max	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm.§	°F.	°F.	°F.				Hr.
Dublin to 4 p.m.	0·3	63	52	50	c or	o c	c b	*
Darwen to 9 p.m.	–	61	39	34	bc	bc	bc	8·7
Manchester ,,	–	64	40	*	b w	b	b	9·0
Birmingham ,,	–	61	41	33	b	b	b	8·5
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	–	65	40	30	bm	bc c	cm	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

24th & 25th Sept 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.43 / 5.45	11.46 / 11.46	5.47 / 5.46
Greenwich	5.50 / 5.52	11.52 / 11.52	5.54 / 5.52
Wick	6.1 / 6.4	12.4 / 12.4	6.6 / 6.3
Valencia	6.31 / 6.33	12.33 / 12.33	6.35 / 6.33

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 60° over the Kingdom generally, the highest reading reported being 67° at Banff. The night was again cold in Central and Eastern England. Rain fell in the extreme west and north of the Kingdom, as much as 24 millimetres (0·95 in.) at Valencia. Bright sunshine was very prevalent in England, more than 10 hours being recorded over a large area. In Ireland and Scotland 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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday, 25th September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1019·6	57	SW	4	cm	1014·9	−3	53	−1	SSW	3	SW	bcm	3	−	57	52	cqm	cm	cm.bcm	*
	Deerness ...	1019·3	55	SSW	1	c	1015·2	*	53	−1	SSW	4	W	b	4	−	59	50	oc.bc	bc.c	c.bc.bw	1·5
	Stornoway ...	1017·8	57	SW	6	cq	1013·9	−2	54	−2	SW	6	−	bcq	5	0·2	57	54	odpq	oq	bcq	0·0
	Castlebay (Barra Isd.)	1019·5	57	SSE	4	cm	1015·7	−2	55	−1	SSE	5	−	o	5	1	58	54	op.cm	c.om	cm.bcq	1·2
	Glasgow ...	1023·9	56	SSW	3	b	1021·4	−1	51	−3	SSW	3	−	cm	*	Trace	62	48	dpd.c	c.bc.b	b.bc.c	4·9
	Eskdalemuir ...	1025·3	51	SW	3	bc	1023·0	−1	45	−5	S	1	−	cw	*	−	58	39	o.c	c	b.bc.cw	4·3
	Malin Head ...	1020·0	59	SSW	3	bc	1018·4	+1	50	−5	S	4	SW	bc	3	−	62	49	bcm	bcm	bcm	7·6
	Markree Castle						1019·6	*	48	−5	SE	2	−	bc	*	−	*	*	*	*	bcw	8·9
	Blacksod Point	*	*	SSW	4	bcq	*	*	*	*	SSW	4	*	*	3	*	*	*	cq	bcq	bcm.cm	*
	Valencia ...	1019·2	58	SSE	4	c	1018·0	0	56	−1	SE	3	SE	bc	4	−	63	56	bc	bc	c	7·9
	Roche's Point	1022·3	58	S	4	b	1020·6	*	57	+1	SSE	3	−	b	4	0·2	60	56	bc.b	bq	bw	*
	Birr Castle ...	1021·6	58	S	3	bc	1019·6	*	51	−2	−	0	−	b	*	0·1	65	46	c.bc	bc	bc.b	5·9
	Donaghadee ...	1022·4	58	SSW	5	bq	1020·4	+1	51	−2	SSW	3	−	bq	2	Trace	61	51	bcq	bcq	bqw	*
	Liverpool (Bidston)	1025·6	58	SSE	2	b	1023·9	−1	46	+1	SE	3	−	b	2	−	63	45	bm	b	bm	9·6
	Holyhead ...	1025·6	59	S	2	bq	1022·3	−1	55	+1	S	4	−	bq	2	−	63	50	b.bc.bq	b.bc.bq	bqw	9·6
	Pembroke (St. Ann's)	1023·9	58	S	3	bc	1022·5	0	57	+1	SE	3	−	bw	2	−	62	55	bm	bcm	bcm	10·0
	Newquay ...	1022·7	57	SE	5	b	1021·3	0	57	+2	SE	4	−	b	2	−	63	53	bv	bv	b	10·4
	Scilly (St. Mary's)	1021·4	57	ESE	5	b	1019·9	0	57	+1	ESE	4	−	b	4	−	62	55	b	b	b	10·6
	Falmouth ...	1023·2	58	ESE	2	b	1021·8	+1	57	0	ESE	3	−	b	4	−	63	56	b	b	bw	10·9
	Jersey (St. Aubin)	1023·9	64	E	3	b	1023·1	*	53	−1	ME	2	−	bm	2	−	68	52	b	b	bmw	10·8
	Portland Bill ...	1025·7	60	ESE	5	b	1023·9	−2	60	+1	SE	4	−	b	3	−	63	57	b	b	b	*
	Dungeness ...	1026·8	60	NE	3	b	1025·2	−1	57	+10	ESE	4	SE	b	4	−	65	47	bm.b	b	bc.c	*
	Dover	1027·7	56	ENE	3	b	1026·7	−1	57	+7	SE	3	-	b	3	−	64	49	f.b	b	b	10·3
	Wick	1019·3	58	SSW	3	c	1015·2	−2	54	−2	SW	4	W	bc	5	−	60	50	cp.om	om.cm	cm.bcm	*
	Nairn	1020·3	58	SW	1	bc	1016·6	*	54	−4	SSW	1	−	cg	1	−	63	50	bc	bc	bc	1·1
	Aberdeen ...	1021·9	58	SSW	3	bc	1019·8	−1	50	−6	S	3	W	c	3	-	64	49	om.cg	c.bc	b.bc	2·3
	Leith	1024·3	60	SW	3	bc	1021·2	−1	46	−12	−	0	−	bcq	*	−	67	45	o.c	c.bc	bc.b	
	Tynemouth ...	1025·5	60	SSW	2	bc	1023·9	0	45	−4	WSW	3	SW	bm	3	-	65	44	bcm	bcm	bcm	
	Spurn Head ...	1027·7	57	ESE	4	bc	1026·4	−1	52	+2	S	3	−	bc	3	−	66	49	bc	bcm	bm	8·9
	Yarmouth ...	1029·1	58	SSE	2	bc	1026·5	0	54	+8	S	2	S	bcm	1	-	62	43	bm	bc	bc	10·3
	Clacton-on-Sea	1027·9	59	ESE	2	bc	1026·2	−1	58	+9	SSE	2	−	bc	2	−	63	49	bm.q	bq.bc	bc.b.bc	10·5
	Nottingham ...	1026·6	58	S	1	b	1025·6	*	34	−1	S	1	−	f	*	−	68	33	f.m.b	bc.b	b	8·7
	Bath	1026·4	60	SE	1	b	1025·4	*	41	0	E	1	E	b	*	−	67	37	m.bc	bc.b	bm	8·9
	London (Kew Obsy.)	1027·2	59	SE	1	bm	1025·8	−1	46	+5	−	0	−	fc	*	−	67	39	fc.f.bm.b	b.bc.b.bm	bm.f	7·3
ICELAND, FAEROE, &c.	Spitsbergen ...	987·3	32	−	0	s	994·4	+3	32	−1	ENE	1	*	s	*	*	34	30				
	Isafjord												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1004·2	45	SSW	1	c	1004·6	0	46	+3	W	4	−	bc	2	*	48	36				
	Bodö	1013·2	50	WSW	4	bc	1009·9	−1	46	−6	E	4	−	r	2	6	52	43				
	Christiansund	1018·3	57	SW	1	0	1014·3	−2	55	+1	SE	1	−	c	4	4	57	54				
	Skudesnaes ..	1025·3	57	S	4	0	1023·4	0	57	+2	S	6	−	o	4	1	59	55				
	Færder (X'tania Fjord)	1023·3	59	SW	6	m	1022·4	0	57	+2	WSW	6	-	m	3	−	59	54				
	The Scaw (Skagen)	1026·9	57	W	4	m	1026·3	0	54	+2	SW	3	−	m	3	−	61	50				
	Blaavands Huk	1030·4	57	SW	1	c	1029·1	0	57	0	SW	1	NE	b	2	−	61	55				
	Haparanda ...	1013·6	50	SW	2	bc	1010·1	−2	48	0	SSW	2	−	c	*	−	52	45				
	Hernösand ...	1019·3	52	−	0	b	1018·3	0	52	+6	−	0	−	bc	*	−	57	46				
	Stockholm ...	1023·9	54	SSW	2	b	1022·0	0	55	+5	WSW	4	−	o	*	−	59	50				
	Wisby	1027·4	54	SW	2	b	1025·9	0	55	+1	WSW	4	W	b	*	−	57	50				
	Karlstad	1023·4	55	−	0	b	1022·9	0	55	0	WSW	2	−	c	*	−	61	50				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1029·9	59	E	1	b	1028·7	0	48	+2	SSE	1	N	b	0	−	63	46				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1027·5	55	E	3	b	1026·1	0	52	−3	ESE	3	*	b	2	−	68	?46				
	La Hève	1026·3	58	ENE	2	b	1025·0	*	47	−3	E	3	*	b	2	−	64	45				
	Ushant	1022·4	54	SE	3	b	1021·2	*	54		SE	3	*	b	3	−	63	50				
	Brest (St. Mathieu)	1022·1	64	ESE	2	b	1020·8	0	54	+2	E	3	*	b	2	-	73	52				
	Rochefort (Ile d'Aix)	1021·0	64	E	3	b	1022·6	0	50	0	ESE	3	*	b	*	-	73	48				
	Biarritz												*									
	Paris	1026·0	54	ENE	2	b	1025·1	+1	46	+1	ENE	1	−	b	*	−	66	41				
	Belfort							*					*		*							
	Lyons							*					*		*							
	Nice	1022·1	57	−	0	bc	1021·3	0	?	?	−	0	*	?	2	−	73	52				
	Perpignan ...	1021·7	57	ENE	1	b	1020·2	0	54	+4	WSW	1	−	b	*	−	66	48				
	Sanguinaire ...	*	70	S	3	b	*	*	66	+1	E	2	*	b	2	-	72	61				
SOUTHERN EUROPE.	Corunna (7 a.m.)																					
	Madrid (8 a.m.)														*							
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1020·0	*	NNE	3	bc	1021·2	+1	66	−4	N	3	−	o	3	−	75	64				
	Madeira (Funchal)																					

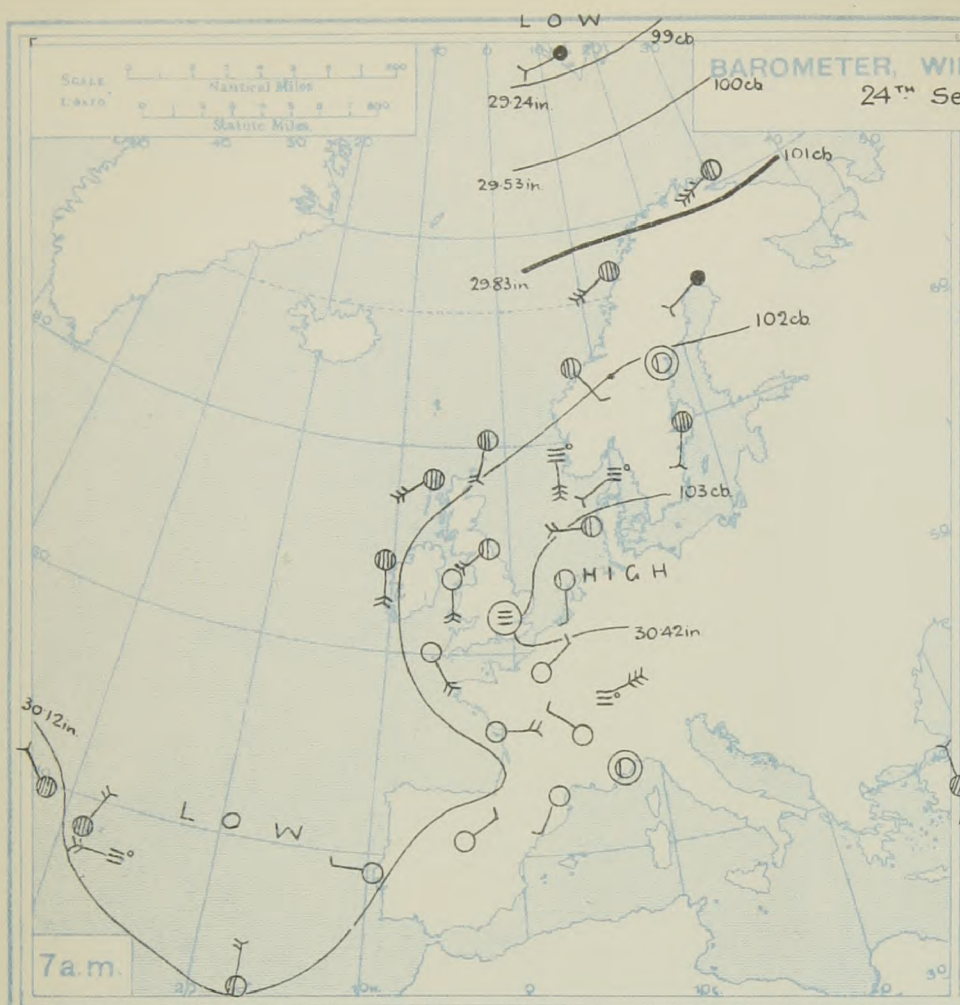
RAINFALL.

Equivalents of Millimetres in Inches.

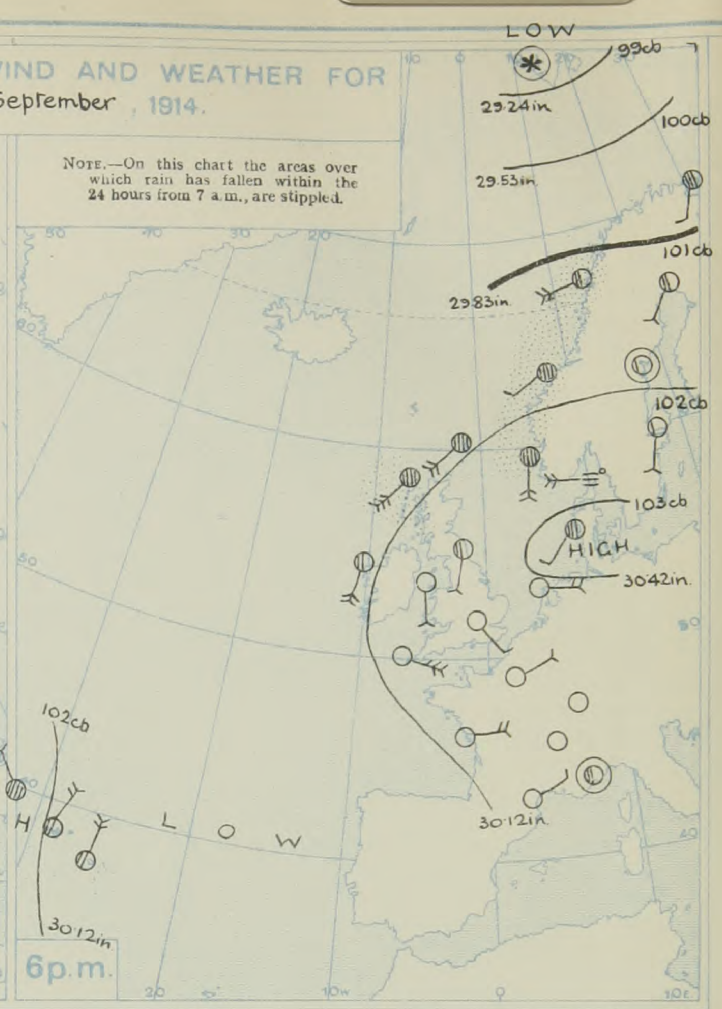
mm.	Inches.	mm.	Inches.
1	0·04	26	1·02
2	0·08	27	1·06
3	0·12	28	1·10
4	0·16	29	1·14
5	0·20	30	1·18
6	0·24	31	1·22
7	0·28	32	1·26
8	0·32	33	1·30
9	0·35	34	1·34
10	0·39	35	1·38
11	0·43	36	1·42
12	0·47	37	1·46
13	0·51	38	1·50
14	0·55	39	1·54
15	0·59	40	1·58
16	0·63	41	1·61
17	0·67	42	1·65
18	0·71	43	1·69
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.

BAROMETER, WIND AND WEATHER FOR 24TH September, 1914.

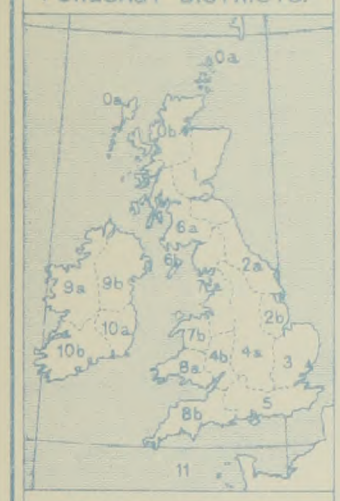


NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



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, b} South-Westerly winds, light to fresh, strong locally at times; changeable, some showers; moderate temperature.

1, 2 {a, b} Southerly and South-Westerly winds, light or moderate; fair or fine generally, some mist or fog locally; moderate temperature.

3, 4 {a, b} Wind light, mainly Southerly; local mist or fog at times, otherwise fine; temperature about the normal.

5 Wind between East and South-East, light or moderate; mostly fine, local mist or fog at times; temperature about the normal.

6 {a, b} Same as No. 0.

7 {a, b} Same as Nos. 1 and 2.

8 {a, b} Same as No. 5.

9, 10 {a, b} Wind between South-East and South-West, light or moderate; fair or fine generally, some local mist; moderate temperature

11 Wind between East and South-East, light to fresh; sea moderate or slight; mostly fine, some mist locally.

FURTHER OUTLOOK.

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

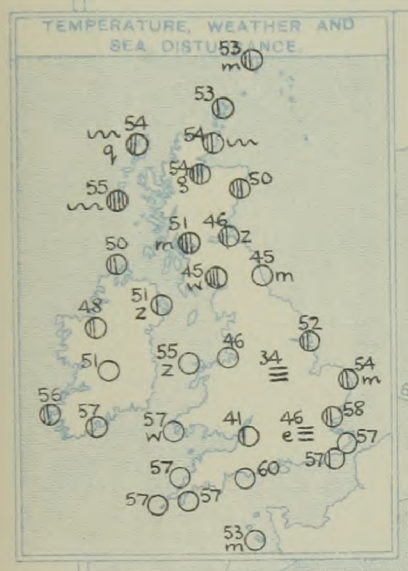
W. N. SHAW, Director.

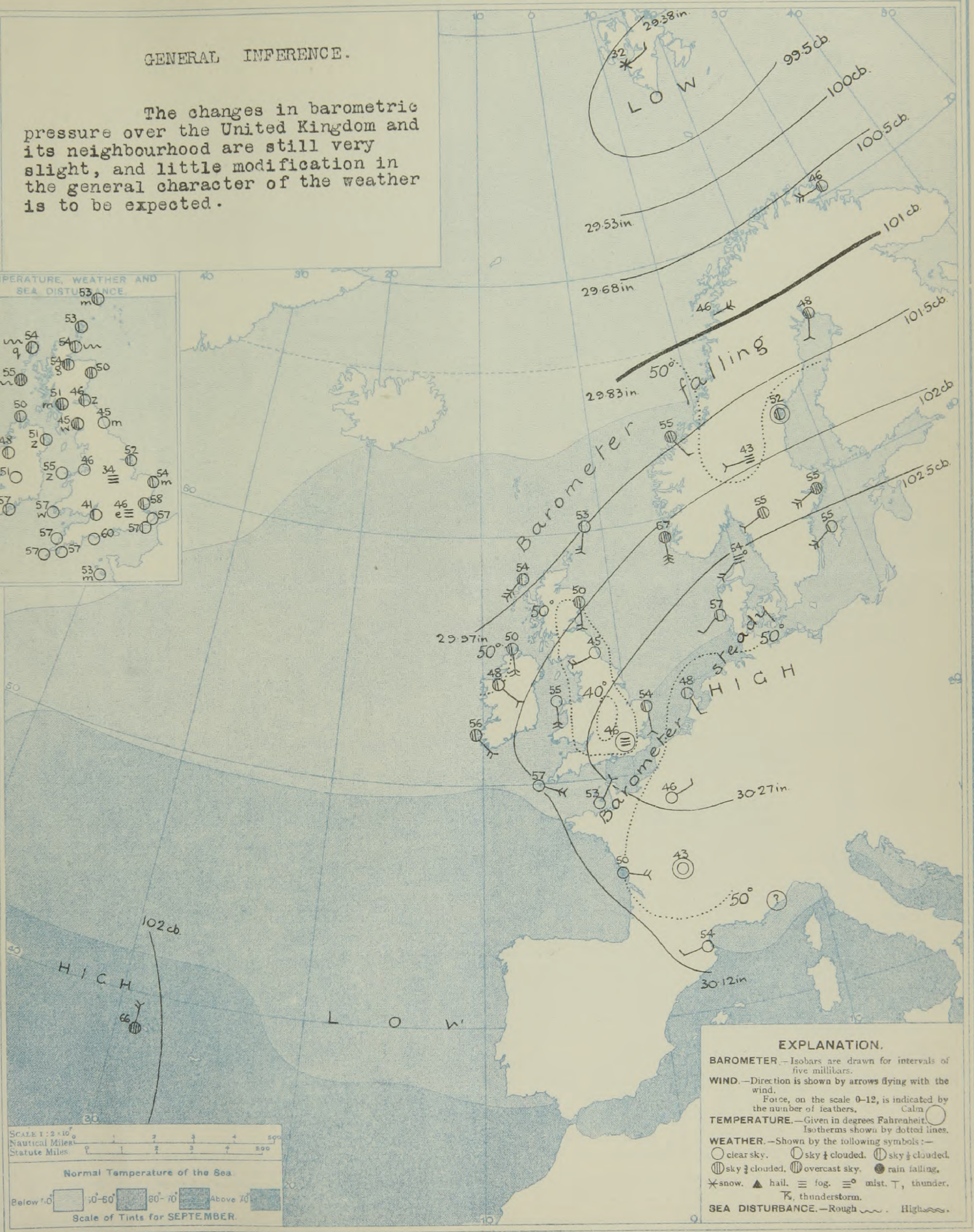
Millibars.
1050
1040
1030
1020
1010
1000
990
980
970

SYNOPTIC CHART FOR 7 a.m., Friday, 25TH SEPTEMBER, 1914.

GENERAL INFERENCE.

The changes in barometric pressure over the United Kingdom and its neighbourhood are still very slight, and little modification in the general character of the weather is to be expected.





Scale 1 : 2 × 10⁶
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⊼, thunderstorm.

SEA DISTURBANCE.—Rough ~~. High ≈.

DAILY WEATHER REPORT. Friday, 25th. September, 1914.

REPORTS FOR YESTERDAY, 24th. September,

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp. °F	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours ‡	Temp. Dry Bulb. °F	Temp. Change in 24 hours. °F	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F
Lisbon (9a.m)	1015.5	73	WSW	3	b	1016.8	+2	63	0	W	1	–	b	2	–	77	63
Madeira (Funchal)	1018.3	73	N	3	bc	1019.3	0	66	0	N	3	–	bc	3	–	75	66

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
Scotland.	Banff	–	68	56	c.bc	bcz	4.8
Scotland.	Carnoustie	–	65	54	*	*	4.3
Scotland.	St. Andrews	–	65	56	*	*	4.0
Eng. N.E.	Harrogate	–	63	46	b	b bc	8.3
Eng. N.E.	Scarborough	*	64	46	bc	bc	8.5
Eng. N.E.	Skegness	–	63	45	b	b	9.6
Eng. N.W.	Douglas (I. of M.)						
Eng. N.W.	Morecambe	–	59	43	b	b	8.5
Eng. N.W.	Blackpool	–	64	41	b	bc.c	8.8
Eng. N.W.	Southport	–	65	42	bc.b	b	9.2
Midlands.	Buxton	–	60	38	bc	b	9.3
Midlands.	Leamington Spa	–	66	35	b	b	8.2
Midlands.	Malvern	–	65	42	b	b	7.2
Midlands.	Ross-on-Wye	–	66	35	bc bc	b	8.8
Wales.	Rhyl	–	65	43	b	b	9.5
Wales.	Colwyn Bay	–	64	51	b	b	9.4
Wales.	Llandudno	–	64	47	b	b	9.2
Wales.	Bettws-y-Coed						
Wales.	Aberystwyth	–	66	46	c.b	b.bc	11.0
Wales.	Tenby	–	62	53	b	b	10.4
Wales.	Swansea	–	64	51	b	b	?10.0
England, E.	Cromer	–	68	48	b	b	9.7
England, E.	Lowestoft	–	64	49	b	b	10.5
England, E.	Felixstowe	–	64	42	bc	bc	?10.0
England, E.	Walton-on-Naze	–	64	45	bc	bc	10.0
England, E.	Southend-on-Sea	–	66	44	m.b	b	8.7
England, S.E.	Tunbridge Wells	–	66	38	fe.b	bm	10.3
England, S.E.	Margate	–	64	50	b	b	9.8
England, S.E.	Ramsgate	–	63	50	b	b	10.2
England, S.E.	Folkestone	–	64	50	bm	b	9.6
England, S.E.	Littlestone	*	*	*	*	*	8.7
England, S.E.	Hastings	–	65	51	b	b	10.7
England, S.E.	Bexhill-on-Sea	–	63	53	b	b	10.7
England, S.E.	Eastbourne	–	63	43	b	b	10.0
England, S.E.	Seaford	–	66	44	b	b	10.3
England, S.E.	Brighton	–	66	46	b	b	10.4
England, S.E.	Worthing	–	65	48	b	b	11.1
England, S.E.	Littlehampton	–	62	44	b	b	9.4
England, S.E.	Bognor	–	62	47	b	b	10.5
England, S.E.	Southsea						
England, S.E.	Bournemouth	–	65	41	bc	b	9.8
England, S.W.	Weymouth	–	64	56	bc.b	bz	10.5
England, S.W.	Exmouth	–	63	42	b	b	9.7
England, S.W.	Teignmouth to 9p.m.	–	63	41	b	b	10.4
England, S.W.	Torquay	–	64	46	b	b	10.3
England, S.W.	Paignton						
England, S.W.	Plymouth						
England, S.W.	Falmouth	–	63	55	b	b	10.9
England, S.W.	Penzance	–	63	55	b	b	11.0
England, S.W.	Bude	–	66	39	bw	b	10.7
England, S.W.	Ilfracombe	–	65	51	b	b	10.7
England, S.W.	Weston-super-Mare	–	65	40	b	b	10.8

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-Day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	83	83	7.8	70	42	30	–	f.b	bc	b f
City (Bunhill Row)	*	*	5.1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	54	74	6.2	68	45	38	–	m.bc	bc	b.f
Camden Sq. (Brit. Rainfall)	56	93	6.5	71	42	38	–	f b	bc.c	*
Hampstead (Reservoir)	*	77	7.5	66	46	35	–	f b	bc	bcm
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.

Total.	Average Rate.	Max. Rate.
925 Joules	21.3 Milliwatts.	50 Milliwatts.

S. Kensington (Roof of M.O.)	46	74	5.3

Additional Observations for Yesterday.

STATIONS.	Rain fall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	–	64	48	46	bc	c.b	c.b	*
Darwen to 9 p.m.	–	61	43	38	bcw	bc	bc	9.2
Manchester ,,	–	65	43	*	bcp bc	bc.c	c.bc.b	8.8
Birmingham ,,	–	65	42	28	*	f.b	b	8.9
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	–	68	45	34	cm.f	f.b bc	b bz	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

25th-26th. Sept., 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.45	11.45	5.45
	5.46	11.44	5.42
Greenwich	5.52	11.52	5.51
	5.53	11.51	5.49
Wick	6.4	12.4	6.3
	6.6	12.3	6.0
Valencia	6.33	12.33	6.33
	6.34	12.32	6.30

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 65° or a little higher over a large portion of the Kingdom, but the minimum readings of the night were again low over Central England; slight frost occurred on the grass in many localities. Bright sunshine was very prevalent except in Scotland; over a considerable area the record exceeded 10 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; z. hoar frost; za. dust-haze, or smoke.

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§ 1 mm. is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday.
26th September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1010·0	53	SW	5	om	1007·2	-3	49	-4	WSW	4	W	bc	4	2	56	47	bcm	op	bcp	*
	Deerness ...	1011·5	55	SSW	4	ob	1010·8	*	49	-4	WSW	4	W	op	4	3	58	48	b bc c o.	c·o.	or p	4·5
	Stornoway ...	1012·0	56	SW	5	sfq	1013·8	0	49	-5	SW	5	–	cq	4	4	57	48	ofq	ofq	o.c dqp	0·0
	Castlebay (Barra Isd.)	1014·5	56	SW	5	ofm	1017·0	+1	53	-2	W	5	–	o	5	1	56	50	ofm	ofm	omp b.o	e·o
	Glasgow ...	1018·7	57	WSW	4	cg	1018·1	0	53	+2	WSW	4	–	o	*	Trace	62	51	c	c·oz	ob.o	2·7
	Eskdalemuir ...	1020·4	51	SE	1	c	1019·2	0	53	+8	S	2	SW	o	*	–	60	44	c	c	o c.o	5·5
	Malin Head ...	1017·8	58	SSW	4	c	1019·6	+1	54	+4	WSW	4	W	o	4	1	61	50	bcg	cg	cg	2·2
	Markree Castle	1019·3	59	S	1	c	1018·9	*	54	+6	–	0	–	o	*	1	*	*	ogc	c.bc.c	o·od	2·4
	Blacksod Point	*	*	WSW	4	om.	*	*	*	*	NW	3	*	cm	2	*	*	*	cm om	om	bcm.cm	*
	Valencia ...	1020·1	58	SSE	1	b	1024·0	+3	56	0	–	0	–	om	3	–	64	53	bc	bc	c.o	7·2
	Roche's Point	1021·8	57	SSE	2	b	1024·6	*	56	-1	–	0	–	o	2	0·2	63	54	bc·b·	bm	bw.om	*
	Birr Castle ...	1019·6	64	–	0	c	1023·4	*	55	+4	SSW	2	–	o	*	–	68	50	bc	bc.c	c.o	8·8
	Donaghadee ...	1018·6	58	W	3	cg	1020·0	0	55	+4	SW	3	–	om	2	–	64	51	bcg	cg	cg.bm.o	*
	Liverpool (Bidston)	1021·1	60	SSE	1	b	1022·3	+1	53	+7	SSW	2	SW	bc	1	–	65	46	bm	b	bcm	10·4
	Holyhead ...	1021·6	60	SSW	4	bg	1022·4	+2	56	+1	SW	3	SW	om	2	–	65	54	bg	bg	b.bc.cw	10·4
	Pembroke (St. Ann's)	1022·5	57	–	0	b	1024·8	+3	51	-6	–	0	SW	ogmw	1	0·1	62	51	pc	bm	bmw	9·8
	Newquay ...	1021·3	57	SE	2	b	1025·9	+2	51	-6	–	0	–	bg	2	–	64	50	bv	bv	bf.cfw	10·5
	Scilly (St. Mary's)	1020·7	58	ESE	4	bm	1023·8	+2	56	-1	SE	2	–	bme	3	0·3	63	54	b	bm	bme	10·4
	Falmouth ...	1022·1	58	ESE	2	b	1025·0	+3	47	-10	ESE	1	–	f	4	–	63	46	b	b	bfw	11·3
	Jersey (St. Aubin)	1021·9	64	NE	3	b	1024·4	*	50	-3	E	2	E	bcm	1	–	69	47	bm·b·	b	bw.bcm	11·0
	Portland Bill ...	1023·3	60	ESE	4	b	1024·2	+1	56	-4	–	0	–	bc	1	–	63	53	b	b	b.bc	*
	Dungeness ...	1023·6	60	E	3	bc	1024·6	+1	48	-9	N	1	N	bm	0	–	64	40	bc	bc	bc bmw	*
	Dover	1024·6	56	ENE	1	b	1025·3	+2	50	-7	W	1	NW	bcm	2	–	63	45	b	b	bm	10·7
	Wick	1012·4	56	SSW	4	o	1012·9	0	48	-6	WSW	3	–	o	3	1	58	47	bcm·cm	cm·om	or·o	*
	Nairn	1014·0	57	WSW	4	cu	1014·4	*	50	-4	W	2	–	cu	2	1	62	49	cg	cg	cqp	0·5
	Aberdeen ...	1015·7	59	WSW	1	c	1014·9	+2	53	+3	W	1	–	o	2	–	61	50	om·c·	o·c·	c.o	0·7
	Leith	1018·4	60	SW	3	c	1017·1	+1	57	+11	WSW	3	W	o	*	0·1	66	46	c·bc	c. bc.c	c.o	
	Tynemouth ...	1020·0	61	–	0	b	1019·6	0	55	+10	WSW	3	–	om	2	–	65	45	bm	bm	om	8·3
	Spurn Head ...	1023·5	57	SE	4	bc	1022·4	-1	50	-2	WSW	3	–	bcm	3	–	66	49	f.bc	bc	bc	7·6
	Yarmouth ...	1025·0	58	SSE	2	bc	1023·8	+1	48	-6	W	2	W	bcm	1	–	64	44	bc	bc	bc	9·6
	Clacton-on-Sea	1024·4	59	ESE	2	bc	1024·4	0	51	-7	WSW	1	NW	bcm	1	–	62	46	bc	bc	b.bcm	10·2
	Nottingham ...	1022·8	60	SW	1	b	1023·0	*	44	+10	SW	1	SW	bm	*	–	70	33	f m·b	bm	b	9·3
	Bath	1023·3	61	SE	1	b	1025·4	*	39	-2	E	1	–	m	*	–	69	37	m·b·	b·	bm	10·0
	London (Kew Obsy.)	1023·9	60	SSE	1	bm	1025·4	+3	38	-8	–	0	–	fe	*	–	68	38	fe bf.b.	b.bm	bm fe	8·0
ICELAND, FAEROE, &c.	Spitsbergen ...	997·1	30	–	0	s	994·3	-1	28	-4	NE	3	*	bc	*	*	32	25				
	Isafjord... ...												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1005·3	43	–	0	b	997·1	-4	46	0	W	2	–	o	2	*	50	41				
	Bodö	1004·2	54	SW	8	r	995·1	-5	52	+6	SSE	4	–	bc	2	12	54	46				
	Christiansund	1008·7	59	SW	1	o	1001·3	0	60	-5	W	3	–	r	4	7	61	50				
	Skudesnaes ..	1019·3	57	S	6	b	1010·9	-4	55	-2	SSW	7	–	r	5	1	59	55				
	Færder (X'tania Fjord)	1019·1	59	SW	6	b	1013·7	-4	57	0	SW	6	SW	m	3	–	59	55				
	The Scaw (Skagen)	1023·9	57	WSW	2	c	1018·3	-4	55	+1	SW	4	–	b	3	–	63	52				
	Blaavands Huk	1026·9	59	SW	1	b	1021·1	-2	59	+2	SW	3	SW	bc	3	–	63	55				
	Haparanda ...	1009·5	50	SW	2	o	1001·5	-4	48	0	S	2	–	r	*	1	55	46				
	Hernösand ...	1012·3	55	SSW	4	b	1004·0	-3	54	+2	SW	4	S	b	*	–	64	50				
	Stockholm ...	1019·4	59	WSW	2	b	1015·5	-3	54	-1	SW	4	–	b	*	–	64	48				
	Wisby	1022·9	57	SW	2	b	1021·5	-1	55	0	WSW	4	–	b	*	–	61	52				
	Karlstad	1019·9	57	WSW	4	o	1014·7	-3	55	0	W	6	W	bc	*	–	64	50				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1026·1	57	SE	1	b	1024·2	0	46	-2	S	2	W	b	o	–	64	41				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1023·5	59	E	3	bc	1024·3	+2	53	+1	S	3	*	b	1	–	66	50				
	La Hève	1021·3	59	SE	2	b	1025·3	*	48	+1	SE	3	*	c	2	–	63	45				
	Ushant	1020·3	57	SE	1	b	1021·3	*	56	+2	ENE	2	*	b	3	–	63	50				
	Brest (St. Mathieu)	1021·9	59	NW	1	m	?	+3	55	+1	ENE	2	*	b	2	–	73	54				
	Rochefort (Ile d'Aix)	1019·1	66	NE	2	b	1022·1	+3	52	+2	E	3	*	b	*	–	77	60				
	Biarritz	1016·4	69	NE	2	b	1019·9	+2	59	-4	–	0	*	b	1	–	77	57				
	Paris	1023·3	52	ENE	2	b	1025·3	+3	41	-5	ENE	1	–	b	*	–	64	39				
	Belfort	1023·9	51	E	4	m	1026·6	*	42		E	4	*	m	*	–	57	37				
	Lyons							*					*		*							
	Nice												*									
	Perpignan ...														*							
	Sanguinaire ...	*	70	NW	4	bc	*	*	66	0	E	2	*	b	2	–	70	59				
SOUTHERN EUROPE.	Corunna (7 a.m.)																					
	Madrid (8 a.m.)														*							
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1021·0	*	N·	3	0	1017·7	-1	69	+3	N	3	–	o	3	–	75	66				
	Madeira (Funchal)																					

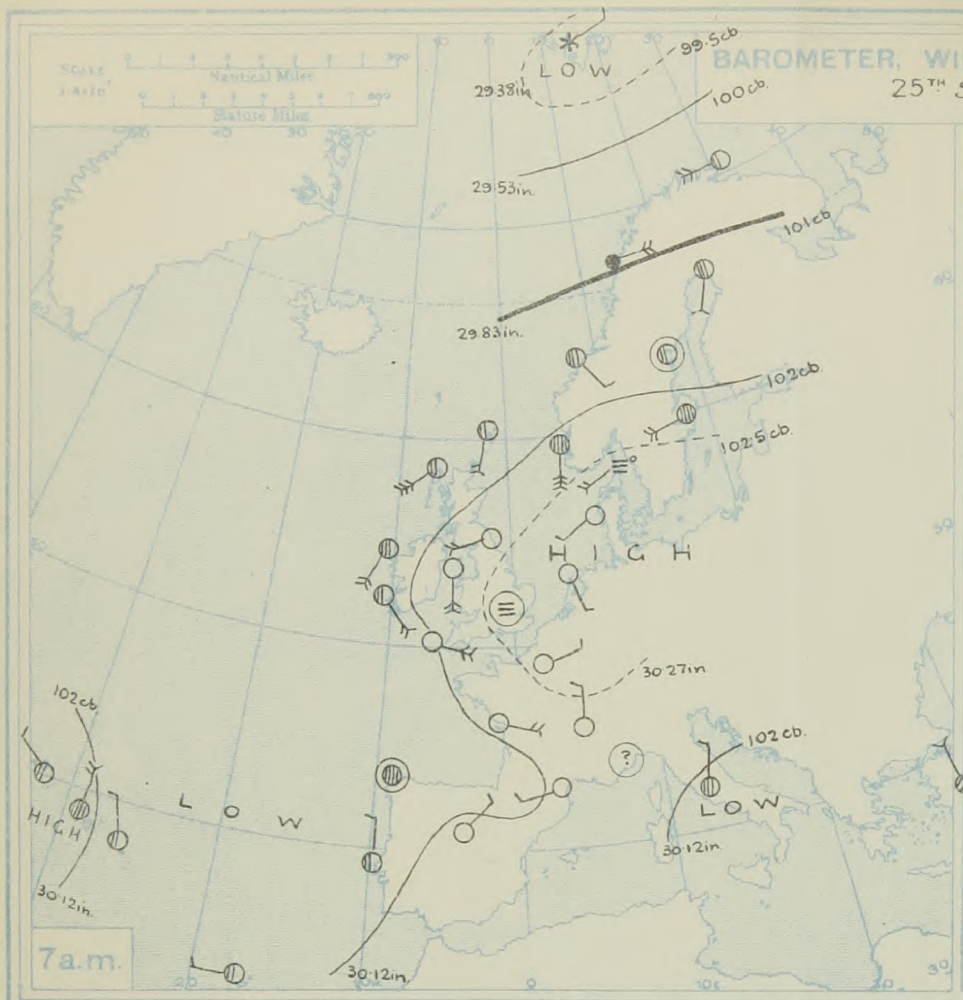
RAINFALL.

Equivalents of Millimetres. in Inches.

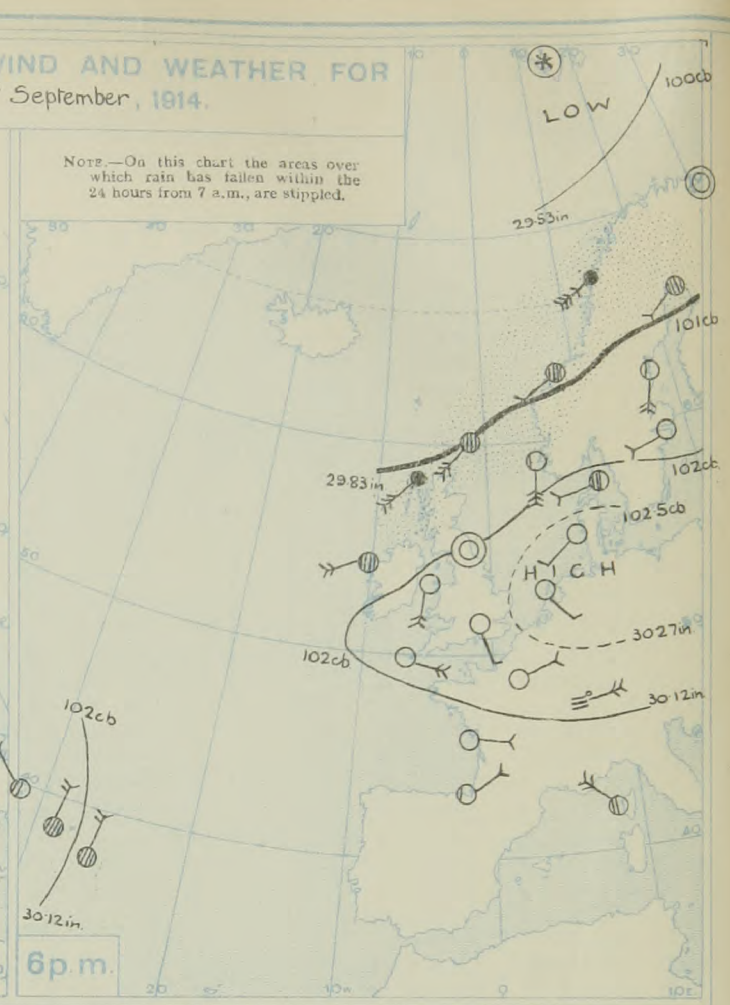
mm.	Inches.	mm.	Inches.
1	0·04	26	1·02
2	0·08	27	1·06
3	0·12	28	1·10
4	0·16	29	1·14
5	0·20	30	1·18
6	0·24	31	1·22
7	0·28	32	1·26
8	0·32	33	1·30
9	0·35	34	1·34
10	0·39	35	1·38
11	0·43	36	1·42
12	0·47	37	1·46
13	0·51	38	1·50
14	0·55	39	1·54
15	0·59	40	1·58
16	0·63	41	1·61
17	0·67	42	1·65
18	0·71	43	1·69
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.

BAROMETER, WIND AND WEATHER FOR 25TH September, 1914.

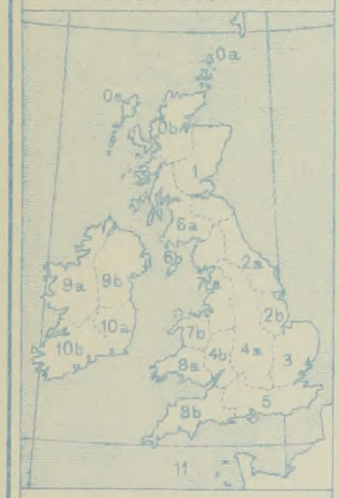


Note.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



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.

0 {a, b} Wind mainly Westerly, light or moderate, fresh in places; cloudy or overcast, some rain; mild.

1 Westerly winds, light or moderate; mostly fair, dull at times; mild.

2 {a, b}, 3, 4 {a, b} Wind light, from some Westerly point; fair or bright generally, some mist locally; temperature about normal.

5 Wind light, direction rather variable; mostly fine and bright, mist or fog locally at night and in early morning; temperature about normal.

6 {a, b} Same as No. 0.

7 {a, b} Same as Nos. 2 to 4.

8 {a, b} Easterly or variable winds, light; mostly fine and bright, some mist or fog locally; temperature about normal.

9 {a, b} Same as No. 1.

10 {a, b} Light variable or South-Westerly winds; cloudy or dull to fine; moderate temperature.

11 Easterly or variable winds, light; sea slight or smooth; mist or fog locally, otherwise fine.

FURTHER OUTLOOK.

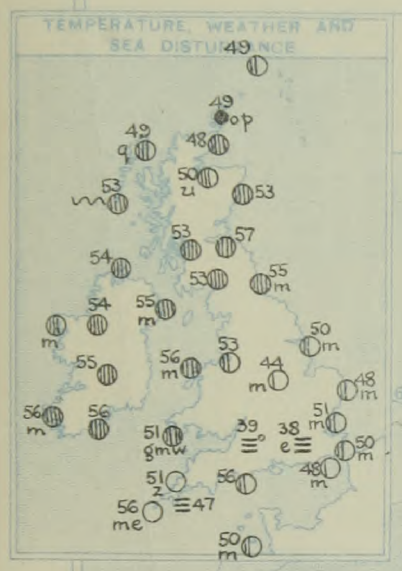
R. G. K. LEMPFERT, Superintendent, Forecast Division.

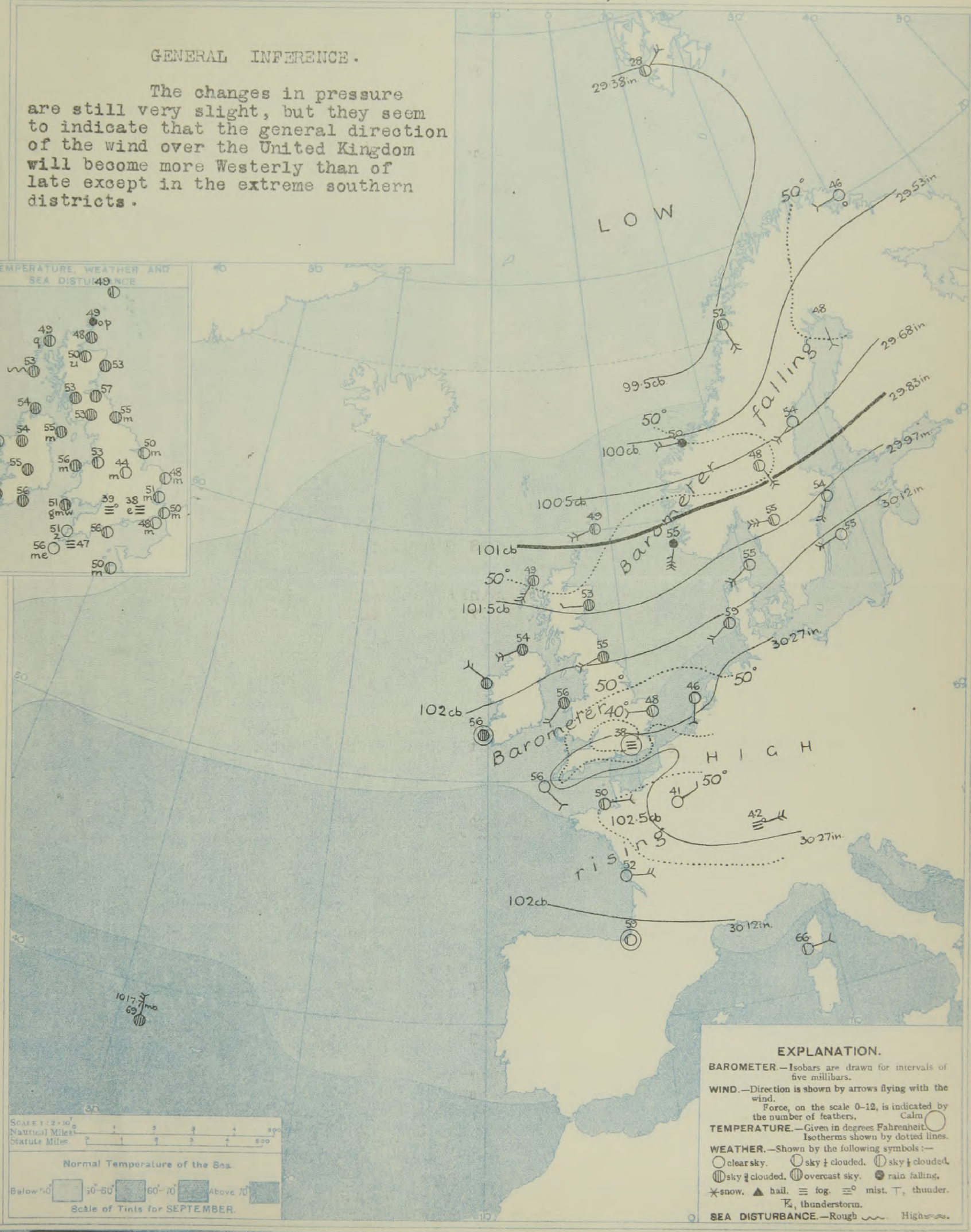
W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Saturday, 26TH SEPTEMBER, 1914.

GENERAL INFERENCE.

The changes in pressure are still very slight, but they seem to indicate that the general direction of the wind over the United Kingdom will become more Westerly than of late except in the extreme southern districts.





SCALE 1:2×10⁷
Nautical Miles 0 100 200 300 400 500
Statute Miles 0 100 200 300 400 500

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded. ◕ sky ¾ clouded. ◍ overcast sky. ● rain falling. ✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder. ⊼, thunderstorm.

SEA DISTURBANCE.—Rough ∿∿. High ≈≈.

DAILY WEATHER REPORT.

Saturday, 26th September, 1914.

REPORTS FOR YESTERDAY,

25th September

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp. °F	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours ‡	Temp. Dry Bulb. °F	Temp. Change in 24 hours. °F	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F
Biarritz	1017·5	70	E	3	b	1017·0	0	63	+12	SE	1	*	b	1	–	77	51
Lyons	1024·7	54	–	0	b	1024·3	*	43	-4	–	0	*	b	*	–	61	42
Corunna (7 a.m)	1016·6	66	NNW	1	b	1019·0	0	55		–	0	S	0	1	–	75	54
Madrid (8 a.m)	1016·7	75	–	0	b	1021·2	+2	59	0	NE	1	–	b	*	–	77	54
Lisbon (9 a.m)	1016·6	73	WNW	3	b	1016·2	0	63	0	N	1	NE	bc	2	–	77	63
Rome	1018·7	57	NE	1	c	1017·3	0	54		N	1	–	c	*	3	68	52
Madeira (Funchal)	1018·1	73	N	2	c	1018·0	0	66	0	W	1	W	bc	1	–	73	66

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm §	°F.	°F.			Hr.
Scotland.	Oban						
Scotland.	Banff	–	62	49	bc	bc c	2·5
Scotland.	Carnoustie	–	64	46	*	*	1·0
Scotland.	St. Andrews	–	65	40	*	*	3·3
Eng. N.E.	Harrogate	–	66	42	b o b	b	8·5
Eng. N.E.	Scarborough	*	66	47	c b	bc	9·4
Eng. N.E.	Skegness	–	65	49	b	b bc	9·5
Eng. N.W.	Douglas (I. of M.)						
Eng. N.W.	Morecambe	–	60	47	b	b	10·2
Eng. N.W.	Blackpool	–	66	42	m bc	bc	10·2
Eng. N.W.	Southport	–	67	43	b	b	9·5
Midlands.	Buxton	–	63	38	c	c	1·0
Midlands.	Leamington Spa	–	68	34	b	b	8·6
Midlands.	Malvern	–	67	50	b	b	11·4
Midlands.	Ross-on-Wye	–	69	31	wm b	b	10·0
Wales.	Rhyl	–	60	40	b	b	11·0
Wales.	Colwyn Bay	–	69	45	b	b	11·0
Wales.	Llandudno	–	67	47	b	b	10·7
Wales.	Bettws-y-Coed						
Wales.	Aberystwyth	–	67	48	c bc	b bc	11·0
Wales.	Tenby	–	63	55	b	b	10·5
Wales.	Swansea	–	65	53	b	b	9·8
England. E.	Cromer	–	69	50	b	b	9·5
England. E.	Lowestoft	–	65	53	b bc	bc	10·2
England. E.	Felixstowe	–	63	51	bc	bc	10·7
England. E.	Walton-on-Naze	–	62	56	bc	bc c	10·6
England. E.	Southend-on-Sea	–	66	52	b	b	9·5

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm §	°F.	°F.			Hr.
England, S.E.	Tunbridge Wells	–	65	45	m b	bm	10·3
England, S.E.	Margate	–	64	52	b	b	10·0
England, S.E.	Ramsgate	–	64	52	b	b	10·4
England, S.E.	Folkestone	–	65	56	bc b	b	10·2
England, S.E.	Littlestone	*	*	*	*	*	10·3
England, S.E.	Hastings	–	63	55	b	b	10·6
England, S.E.	Bexhill-on-Sea	–	63	57	b	b	10·7
England, S.E.	Eastbourne	–	62	51	b	b	10·5
England, S.E.	Seaford	–	64	47	b	b	10·6
England, S.E.	Brighton	–	64	49	b	b	10·7
England, S.E.	Worthing	–	63	48	b	b	11·2
England, S.E.	Littlehampton	–	61	44	b	b	9·6
England, S.E.	Bognor	–	61	48	b	b	10·5
England, S.E.	Southsea	–	63	50	bc	bc	10·7
England, S.E.	Bournemouth	–	63	40	b	b	10·6
England, S.W.	Weymouth	–	65	57	b	b	10·6
England, S.W.	Exmouth	–	64	57	b	b	10·0
England, S.W.	Teignmouth to 9 p.m.	–	64	59	b	b	10·7
England, S.W.	Torquay	–	65	57	b	b	10·8
England, S.W.	Paignton	–	64	48	b	b	10·4
England, S.W.	Plymouth to 9 p.m.	–	66	52	bc	b	10·7
England, S.W.	Falmouth	–	63	56	b	b	11·3
England, S.W.	Penzance	–	64	56	b	b	11·0
England, S.W.	Bude	–	68	41	b w	b	10·9
England, S.W.	Ilfracombe	–	69	52	b	b	10·7
England, S.W.	Weston-super-Mare	–	68	43	b	b	10·6

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. Today.	Sunshine for Yesterday.	Temperature. In Screen. Max. (24 hours ended 9 a.m. To-Day.)	Temperature. In Screen. Min. (24 hours ended 9 a.m. To-Day.)	Temperature. Min. on Grass. (24 hours ended 9 a.m. To-Day.)	Rainfall. (24 hours ended 9 a.m. To-Day.)	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	°F.	°F.	°F.	mm §			
Greenwich (Royal Obsy.)	43	87	9·5	70	40	31	–	b	b	b f
City (Bunhill Row)	*	*	7·1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	46	78	8·6	68	43	37	–	b	b	b cm b
Camden Sq. (Brit. Rainfall)	44	82	6·6	71	42	38	–	cm b	b bc	*
Hampstead (Reservoir)	*	76	9·6	67	47	33	–	bm	b	bm
Richmond Park	*	*	8·8							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	46	74	8·5							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1021 Joules	28·5 Milliwatts.	51 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rain fall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	–	66	50	47	b w	b	b	*
Darwen to 9 p.m.	–	63	45	40	b c w	b c	b c	9·5
Manchester ,,				*				
Birmingham ,,	–	66	44	26	b	b	b	9·7
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	–	69	48	33	b z f b m	b	b b z	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

26th–27th September 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.46	11.44	5.42
	5.48	11.44	5.40
Greenwich	5.53	11.51	5.49
	5.55	11.51	5.47
Wick	6.6	12.3	6.0
	6.9	12.3	5.57
Valencia	6.34	12.32	6.26
	6.36	12.32	6.28

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° at Nottingham, and to above 65° over a large area. The night was cold over Central England. Slight rain fell at several places in the west and north of the Kingdom, and little bright sunshine was recorded in those districts. Over England the day was very bright.

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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday, 27th September, 1914.

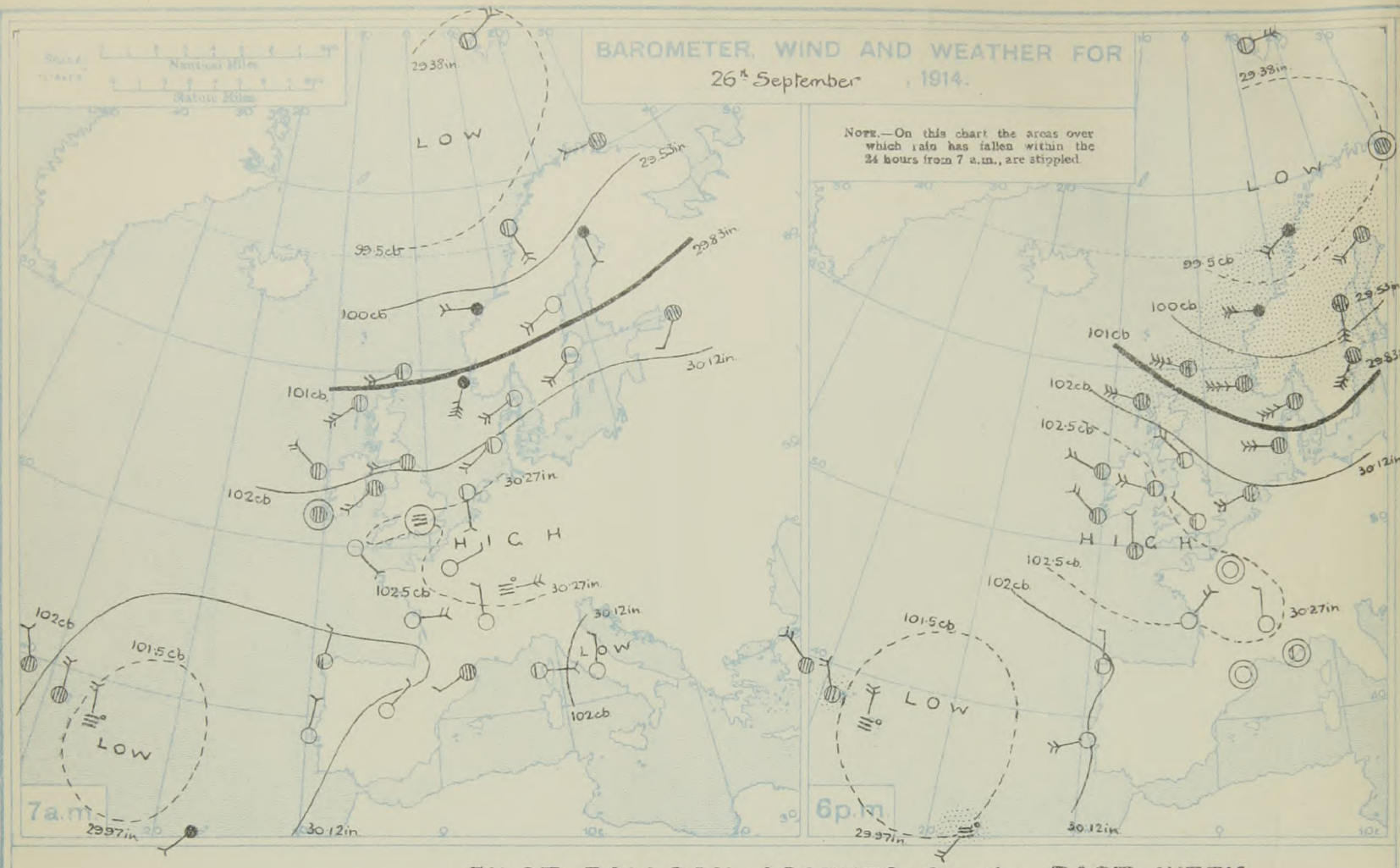
	STATIONS	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					↕	F.	F							°F.	°F.				Hours.
British Islands.	Lærwick ...	1008b	43	WNW	7	cqp	1015·0	0	46	-3	NW	4	NW	o	4	5	46	42	cqp	cqp	cqp	*
	Deerness ...	1013·5	46	WNW	6	b	1017·9	*	46	-3	NW	2	–	er	2	4	55	45	op·c	cp·bc	bc·c·er	1·8
	Stornoway ...	1019·8	48	WNW	6	opq	1019·9	-3	52	+3	WSW	6	W	opq	5	4	54	46	cq	c·opq	opq	2·3
	Castlebay (Barra Isd.)	1022·6	54	WNW	4	o	1023·6	-1	54	+1	WSW	4	–	o	4	–	55	51	o·c·o	o·c·o	o·bc·b·o	2·5
	Glasgow ...	1027·0	52	W	5	c	1025·6	o	51	-2	WSW	4	NW	o	*	–	55	47	odp·c·o	o·c·o	c·bc·bo	1·8
	Eskdalemuir ...	1023·1	50	W	3	c	1027·1	+1	48	-5	SSW	2	W	o	*	–	56	45	o	o·c	c	1·2
	Malin Head ...	10250	54	WSW	5	o	1028·9	o	54	o	WNW	5	NW	c	5	–	61	50	cq	qcq	cq	0·4
	Markree Castle	1027·4	55	NW	2	c	1031·1	*	42	-12	–	o	–	b	*	–	*	*	obc·	bc·o·	bw	2·6
	Blacksod Point	*	*	NW	3	cv	*	*	*	*	NW	3	*	*	2	*	*	*	cm·bcv	cv	cm·bc	*
	Valencia ...	1028·9	57	NW	3	c	1031·6	+1	42	-14	ENE	1	–	bw	3	–	60	42	om·c	c	bc	1·0
	Roche's Point	10288	59	N	2	c	1032·5	*	47	-9	N	2	*	b	2	0·1	61	46	omg	o·c·	bw	*
	Birr Castle ...	1027·7	57	NW	2	c	1032·0	*	41	-6	SW	1	–	b	*	–	63	39	o·c·	c	c·b·	3·5
	Donaghadee ...	1024·9	55	NW	5	c	1028·4	+3	49	-6	NW	2	–	bcz	2	–	59	46	c	c	cm·bcz	*
	Liverpool (Bidston)	1024·8	55	W	3	bc	1029·1	+3	53	o	WNW	3	NW	b	3	–	61	53	cbc·	o·c·	bc	1·6
	Holyhead ...	1025·7	58	WNW	4	bc	1030·1	+2	54	-2	NW	4	–	b	3	–	63	53	opd·om	o·c·bc·c	bc·b·	1·9
	Pembroke (St. Ann's)	1026·9	58	NW	2	c	1031·2	+3	51	o	NE	1	–	b	1	–	62	50	bm	bcm	bcm	4·1
	Newquay ...	1026·7	59	NNW	2	c	1030·7	+3	57	+6	ESE	1	–	c	2	–	62	50	b	b	c	9·0
	Scilly (St. Mary's)	1027·3	58	N	2	cm	1030·5	+1	56	o	ENE	1	–	b	2	0·1	64	54	bm	bcm	bm·bw	9·4
	Falmouth ...	1027·4	59	NW	1	bc	1030·6	+3	55	+8	NNW	1	NE	c	3	–	68	46	f·b	bc	bc	8·8
	Jersey (St. Aubin)	1026·2	63	W	2	bm	1029·6	*	59	+9	N	2	–	bm	1	–	69	49	bc·b·	bm	bum	8·5
	Portland Bill ...	1025·2	60	W	1	b	1029·5	+3	54	-2	N	1	–	b	1	–	66	52	bc	b·bc	b·bc·c	*
	Dungeness ...	1024·3	60	SW	3	c	1027·6	+2	48	o	WNW	1	–	bcz	o	–	65	45	bc	bc·c·	bwz	*
	Dover	1024·6	58	SW	2	bc	1028·6	+4	54	+4	NW	4	–	b	2	–	62	48	bc·b·	b·bc·	bc·b·	8·5
	Wick	1015·6	48	W	3	c	1019·3	-1	46	-2	SSW	2	–	r	2	1	54	42	o·om	cqp	cq·omr	*
	Nairn	1018·2	51	W	1	o	1020·6	*	52	+2	W	1	–	og	1	1	56	46	pq·c·	qq	qp·c·	1·0
	Aberdeen ...	1018·2	54	W	3	c	1022·1	o	50	-3	W	2	NE	o	2	1	60	47	o	c	op·c·o	1·3
	Leith	1021·8	54	WSW	3	bc	1024·7	+2	51	-6	WSW	3	SW	bc	*	–	58	49	o·c·bc·	c·bc·	bc·c·	*
	Tynemouth ...	1026·6	55	NW	3	bc	1026·1	+2	48	-7	WNW	2	W	bcm	3	–	60	47	om	bc	bc	0·0
	Spurn Head ...	1027·7	58	WNW	4	c	1027·0	+2	50	o	WNW	5	NW	c	4	–	62	48	cm	cm	bc	2·1
	Yarmouth ...	1023·0	64	W	1	bcm	1027·5	+4	47	-1	W	2	W	bcm	1	–	68	44	bc	bcm	b	7·2
	Clacton-on-Sea	1022·9	63	W	2	om	1027·9	+4	48	-3	W	2	NW	bcm	1	–	66	46	bcm·z	d·cq·om	o·cbcm	1·4
	Nottingham ...	1024·4	59	W	2	c	1028·7	*	46	+2	W	1	W	bm	*	–	66	44	bm·c·	c	c·b·	5·2
	Bath	1025·7	60	W	1	c	1030·5	*	46	+7	W	1	–	f	*	–	69	39	m·b·	b·bc·c·o·	c·bm·f	5·5
	London (Kew Obsy.)	1024·4	64	NW	1	bc	1029·2	+5	48	+10	W	1	N	bcm	*	–	70	38	fe·bc·	bc·c·bc	bc·b·bcm	6·8
Iceland, Faeroe, &c.	Spitsbergen ...	9950	25	E	5	bc	9981	+2	23	-5	E	8	*	b	*	–	28	19				
	Isafjord... ...												*		*							
	Reykjavik ...												*		*							
	Vestmanna ...												*		*							
	Seydisfjord ...												*		*							
	Thorshavn ...												*		*							
Northern Europe.	Vardö	9900	48	–	0	o	9820	-3	46	0	S	1	–	r	2	*	48	41				
	Bodö	9874	45	SW	4	r	9812	-3	43	-9	E	4	–	bc	2	10	52	37				
	Christiansund	9939	43	W	5	r	9944	+3	43	-7	WNW	9	–	r	6	39	50	43				
	Skudesnaes ..	10070	50	W	8	o	10137	+2	46	-9	NW	8	–	r	5	8	55	45				
	Færder (X'tianiaFjord)	1001·9	55	WSW	7	b	10063	+2	52	-5	WSW	7	NW	b	4	–	57	48				
	The Scaw (Skagen)	10083	55	WSW	7	o	10092	+1	52	-3	WNW	8	–	bc	5	–	61	48				
	Blaavands Huk	10160	59	W	6	o	10179	+1	54	-5	NNW	5	W	bc	5	trace	61	50				
	Haparanda ...	9909	48	SW	4	o	9835	o	45	-3	SW	2	W	bc	*	5	50	45				
	Hernösand ...	9939	57	S	6	o	9926	+2	43	-11	W	4	–	b	*	4	52	41				
	Stockholm ...	10052	57	SW	6	o	9997	+5	46	-8	W	4	–	b	*	1	63	45				
	Wisby	10127	57	WSW	6	b	10040	-3	52	-3	WNW	8	–	b	*	1	59	50				
	Karlstad	10026	55	SW	6	r	10037	+1	46	-9	W	6	–	b	*	2	61	39				
	St. Petersburg														*							
France, &c.	The Helder ...	10221	59	WSW	4	c	10240	+5	55	+9	NNW	3	–	c	2	–	63	46				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	6240	59	SW	4	bc	62064	+3	54	+1	N	4	*	bc	4	–	64	53				
	La Hève	6261	57	–	0	c	10284	*	55	+7	NNE	3	*	bc	2	–	68	48				
	Ushant	10282	61	NE	2	b	10295	*	57	+1	NE	3	*	c	3	–	66	52				
	Brest (St. Mathieu)	10284	61	NNW	2	b	10307	+2	55	o	NE	2	*	m	1	–	73	54				
	Rochefort (Ile d'Aix)	1025·0	64	NE	3	b	10260	+4	54	+2	ENE	2	*	b	*	–	77	50				
	Biarritz	10226	68	NE	2	b	10259	+2	59	o	SW	1	*	b	2	–	73	59				
	Paris	1025·7	54	–	o	b	10278	+3	46	+5	–	o	N	b	*	–	66	41				
	Belfort							*					*		*							
	Lyons	1025·1	57	N	1	b	10290	*	47	+4	NE	1	*	b	*	–	67	43				
	Nice	1022·6	57	–	o	b	10242	+2	55		–	o	*	bc	2	–	72	54				
	Perpignan ...	1022·4	61	–	o	b	10253	+3	55	-2	SW	1	–	b	*	–	72	52				
	Sanguinaire ...	*					*	*					*									
Southern Europe.	Corunna (7 a.m.)	1018·6	72	N	1	b	10240	+3	59	-2	E	1	–	b	1	–	81	54				
	Madrid (8 a.m.)																					
	Lisbon (9 a.m.)	1018·3	72	WSW	4	b	10206	+2	66	+2	–	o	–	b	* 5	–	79	64				
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1015·5	*	NW	3	c	10140	o	69	o	NNE	1	–	b	2	2	75	66				
	Madeira (Funchal)	1015·0	68	SW	3	m	1017·1	+2	70	+2	SW	4	SW	o	4	10	70	68				

GALES.

Duration and Extreme Force in British Islands.

Nairn. 26th, 2pm-5pm. W 8.

BAROMETER, WIND AND WEATHER FOR 26th September, 1914.

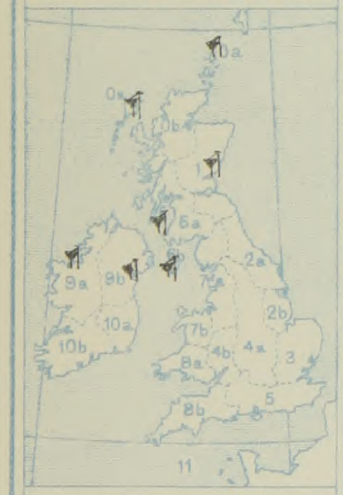


PILOT BALLOON ASCENTS for the PAST WEEK.

Component Velocities to East and to North in Metres per Second.

Heights in Kilometres		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.
Station		Eskdalemuir		Aberdeen		S. Farnborough		S. Farnborough		Aberdeen		Falmouth		Falmouth	
Date & Hour.		21st 7h.		21st 8h.		21st 10h.		22nd 7h.		22nd 8h.		22nd 11h.		23rd 11h.	
4a															
4b	4					+1	−12			+2	−1				
	3					0	−13	−1	−11	+4	−1				
5	2					+3	−11	0	−8	+7	+1				
	1	−2	−5	0	−5	+1	−10	+1	−5	+4	+8	+2	0	−1	+6
6a	0·5	−1	−2	+6	−9	+2	−10	+3	−3	+4	+8	+1	0	−1	+7
6b	0	0	0	+5	−2	+3	−5	+1	0	+2	+1	−2	+1	−2	+7
Station		Aberdeen		S. Farnborough		Falmouth		S. Farnborough		Aberdeen		S. Farnborough			
Date & Hour.		24th 8h.		24th 11h.		24th 11h.		25th 11h.		26th 8h.		26th 7h.			
8a															
8b	3									+30	+2	+9	+1		
9a	2	+13	+7	−3	+5			+3	+5	+18	−3	+7	+3		
9b	1	+12	+12	−5	+6	−12	+13	−3	+6	+9	−1	+5	0		
10a	0·5	+11	+10	−4	+4	−8	+8	−4	+6	+11	−3	+4	−1		
10b	0	+2	+4	−1	+1	−3	+3	−3	+2	+5	0	+1	0		

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 at 8.40 a.m.

Western Channel and Bay.

FURTHER OUTLOOK.

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

W. N. SHAW, Director.

Millibs
1050
1040
1030
1020
1010
1000
990
980
970

SYNOPTIC CHART FOR 7 a.m., Sunday, 27th SEPTEMBER, 1914.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.

HIGH
99·5cb.
99cb.
98·5cb
29·38in.
LOW
Barometer falling
29·09in.
29·24in.
99·5cb
100cb
100·5cb
101cb
101·5cb
102cb
102·5cb
103cb
40°
50°
60°
70°
29·38in
29·53in.
29·68in
29·83in
29·97in
30·12in.
30·27in.
30·42in.
Barometer falling generally
HIGH
LOW
29·97in
101·5cb
102cb
Inches
31
30
29

Scale 1 : 2×10⁶
Nautical Miles
Statute Miles

Normal Temperature of the Sea.
Below 50° | 50°-60° | 60°-70° | Above 70°
Scale of Tints for SEPTEMBER.

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 ⅞ clouded. ◍ overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⊼, thunderstorm.

SEA DISTURBANCE.—Rough ~~. High ~~.

DAILY WEATHER REPORT.

Sunday, 27th September 1914.

REPORTS FOR YESTERDAY.

26th September

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
St. Petersburg	1020·3	54	WSW	2	o	1017·0	+2	52		SW	1	-	o	-	-	54	45
Lyons	1021·3	57	N	1	b	1024·4	-	43	o	N	1	-	b	-	-	64	43
Perpignan	1018·4	63	E	2	b	1021·9	+3	57	+3	SW	1	-	o	-	-	72	52
Corunna	1016·8	66	N	1	o	1019·0	+2	61	+6	NNE	1	SW	bc	3	-	72	57
Madrid	1015·9	75	E	1	b	1022·0	+3	61	+2	NE	1	-	b	-	-	77	54
Lisbon	1014·7	72	WSW	4	c	1016·7	+2	64	+1	NNE	2	NE	b	5	-	79	63
Rome	1019·3	59	N	2	b	1019·9	o	52	−2	N	1	-	b	-	-	70	50
Funchal	1015·7	73	W	1	c	1015·1	o	68	+2	SW	2	SW	r	2	8	75	66

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	-	57	51	o.c	bcq.o	1·1
Scotland.	Banff	-	57	51	o.c	bcq.o	1·1
Scotland.	Carnoustie	-	61	54	*	*	3·5
Scotland.	St. Andrews	-	59	50	*	*	
Eng. N.E.	Harrogate	-	59	50	o.c	c.o.c	0·1
Eng. N.E.	Scarborough	*					
Eng. N.E.	Skegness	-	61	44	bc	bc.o	4·8
Eng. N.W.	Douglas (I. of M.)						
Eng. N.W.	Morecambe	-	59	47	•	bc.b	1·1
Eng. N.W.	Blackpool	-	60	46	c.o	c.o	1·0
Eng. N.W.	Southport	-	60	47	o.bc.o	o.bc.o.c	0·6
Midlands.	Buxton	-	57	44	bc	bc	1·8
Midlands.	Leamington Spa	-	67	34	bc	c.b	5·5
Midlands.	Malvern	-	64	45	b.bc	bc.c	6·0
Midlands.	Ross-on-Wye	-	68	39	f.b.bc	bc.c.o	3·9
Wales.	Rhyl	-	64	47	bc.o	o.bc	1·0
Wales.	Colwyn Bay						
Wales.	Llandudno						
Wales.	Bettws-y-Coed						
Wales.	Aberystwyth	-	62	48	c.bc	c.o	2·0
Wales.	Tenby	-	64	60	b	bc	7·1
Wales.	Swansea	-	62	46	m.b	bc	5·0
England, E.	Cromer	-	70	47	bcm	bc	6·2
England, E.	Lowestoft	-	63	46	bc.b	bc.c	7·0
England, E.	Felixstowe	-	62	56	bc	bc	7·3
England, E.	Walton-on-Naze	-	64	47	bq.bc	bc.c.o	7·6
England, E.	Southend-on-Sea	-	73	50	m.b	bq	6·2
England, S.E.	Tunbridge Wells	-	71	40	m.b	b.bc.cm	7·7
England, S.E.	Margate	-	72	52	b	b	8·0
England, S.E.	Ramsgate	-	67	47	b	b	8·0
England, S.E.	Folkestone	-	65	50	c.bc	b.bc	7·9
England, S.E.	Littlestone	*	*	*	*	*	8·0
England, S.E.	Hastings	-	66	50	b	b.bc	8·5
England, S.E.	Bexhill-on-Sea	-	66	52	b	b	8·2
England, S.E.	Eastbourne	-	65	45	bc.b	b.bcm	8·2
England, S.E.	Seaford	-	64	45	b	b	8·5
England, S.E.	Brighton	-	69	45	bm.bc	bc.c.o	7·7
England, S.E.	Worthing	-	67	46	b	b.bc	8·2
England, S.E.	Littlehampton	-	65	45	b	b	7·5
England, S.E.	Bognor	-	66	46	b.e.d	bc.o	7·9
England, S.E.	Southsea	-					
England, S.E.	Bournemouth	-	69	40	b	b	8·7
England, S.W.	Weymouth	-	69	46	g.b	bcg	9·4
England, S.W.	Exmouth						
England, S.W.	Teignmouth	-	65	43	b	bc	8·6
England, S.W.	Torquay	-	67	45	b	b	8·8
England, S.W.	Paignton	-	66	41	b	b.bc	8·7
England, S.W.	Plymouth ..to 9pm..	-	65	41	b	b	9·0
England, S.W.	Falmouth	-	68	47	f.b	bc	8·8
England, S.W.	Penzance	-	65	49	b	bc	10·0
England, S.W.	Bude	-	64	39	w.b	b.bc	8·7
England, S.W.	Ilfracombe	-	62	49	b	b	9·0
England, S.W.	Weston-super-Mare	-	63	45	b	c	4·5

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max. (24 hours ended 9 A.M. To-Day.)	Temperature. In Screen. Min. (24 hours ended 9 A.M. To-Day.)	Temperature. Min. on Grass. (24 hours ended 9 A.M. To-Day.)	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	42	73	7·2	74	50	42	-	b	bc	b
City (Bunhill Row)	*	*	4·8	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	48	75	6·5	71	48	40	-	bc.b	b.bc	bc.b
Camden Sq. (Brit. Rainfall)	41	75	5·7	73	47	41	-	bm.b	b	*
Hampstead (Reservoir)	*	73	7·2	71	46	36	-	bc	bc	bc
Richmond Park	*	*	7·6							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	43	73	6·4							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1086 Joules	25·2 Milliwatts.	54. Milliwatts.

Additional Observations for Yesterday

STATIONS.	Rain fall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	-	63	53	51	b.o	o.c	c.b	*
Darwen to 9 p.m.	-	57	48	43	bc	c	ow	0·0
Manchester ,,	-	61	46	*	br.c.o	o	o.c.b	0·0
Birmingham ,,					*			
Oxford to 8 p.m.	*	68	37	31	bm.b	bm.bc	bc	*
S. Kensington (Museum Grounds to 6 p.m.)	-	72	45	35	f.bm	b.c	c	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

27th 28th Sept. 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·48 / 5·49	11·44 / 11·44	5·40 / 5·38
Greenwich	5·55 / 5·56	11·51 / 11·51	5·47 / 5·45
Wick	6·9 / 6·11	12·3 / 12·3	5·57 / 5·54
Valencia	6·36 / 6·37	12·32 / 12·32	6·28 / 6·26

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° at many of the English stations, and touched 73° at Southend-on-Sea. Over Ireland and north Britain the amount of bright sunshine was small, but on our south and south-west coasts it ranged between 8 and 10 hours. Slight rain was experienced in the north of Scotland, where the Westerly wind blew with considerable strength.

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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday, 28th September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1000·5	52	SW	7	otq	1000·7	+9	44	−2	NNW	7	NW	cgq	6	25	53	43	or	otq	or.cpq	*
	Deerness ...	1005·7	54	W	6	oz	1004·7	*	46	−0	NW	7	NW	c	6	9	56	45	or	tq.oz	op.c	0·0
	Stornoway ...	1012·5	55	WSW	7	oq	1013·4	+7	49	−3	NW	7	–	cq	5	1	59	48	o.cq	c.oq	o.cqpq	1·1
	Castlebay (Barra Isd.)	1018·2	55	SW	5	o	1016·3	+2	53	−1	WNW	5	–	o	5	–	56	52	opc.o	o.c.o	o	2·8
	Glasgow ...	1022·6	54	WSW	4	c	1013·2	+1	54	+3	W	4	NW	c	*	3	58	51	dc.bc	bc.oq.c	c.opq.c	2·7
	Eskdalemuir ...	1023·2	53	SW	5	oq	1013·7	−1	54	+6	W	5	W	o	*	0·1	58	47	o.c	c.o.	oq.c.o	3·5
	Malin Head ...	1023·5	55	WSW	8	c	1018·1	−1	55	+1	WNW	7	W	o	7	0·4	57	53	cgq	cq	omqe	1·4
	Markree Castle	1027·7	54	WSW	1	bc	1023·7	*	55	+13	WNW	2	–	c	*	1	*	*	bc	b	o.c	9·4
	Blacksod Point	*	*	W	4	*	*	*	*	*	NW	3	*	omd	3	*	*	*	bw.c	c	cm.omd	*
	Valencia ...	1030·9	55	W	1	bc	1028·3	0	57	+15	W	2	–	o	3	0·2	57	42	c.	bc	c	3·2
	Roche's Point	1030·4	58	SW	2	b	1027·6	*	54	+7	W	2	–	o	2	0·2	61	47	b.bc	b	bw.o	*
	Birr Castle ...	1029·0	55	W	3	b	1025·1	*	57	+16	W	3	–	o	*	0·3	61	40	b	b	oe	9·7
	Donaghadee ...	1024·5	59	WSW	3	bcz	1017·5	+1	55	+6	NW	7	NW	oq	5	–	62	46	bcm	bcz	cmpq.o	*
	Liverpool (Bidston)	1026·5	55	W	3	b	1019·4	−1	56	+3	W	6	W	oq	5	–	58	52	c.b	b	oq	8·5
	Holyhead ...	1027·3	57	SW	4	bz	1022·8	−3	57	+3	W	5	NW	oqz	5	–	60	54	bz	bz	bc.opd	9·3
	Pembroke (St. Ann's)	1029·4	56	NNW	3	bc	1024·7	−5	57	+6	NW	5	NW	cq	3	–	60	51	bc	bc	bc	10·0
	Newquay ...	1029·4	57	W	2	b	1026·1	−1	57	0	NNW	4	–	o	4	–	60	54	bv	bv	bv.ev	10·3
	Scilly (St. Mary's)	1030·2	57	–	0	b	1027·1	−2	56	0	NW	4	–	cg	4	0·1	64	52	bc	bc	bc.cg	9·0
	Falmouth ...	1029·6	57	NNW	1	b	1026·2	−1	56	+1	NW	2	–	o	3	–	66	50	c.b	b	bc	10·7
	Jersey (St. Aubin)	1029·2	61	NW	2	b	1025·6	*	56	−3	W	3	–	o	2	–	69	50	b	b	bw.o	9·5
	Portland Bill ...	1029·2	59	SW	2	b	1023·3	−3	58	+4	WNW	5	NW	o	4	–	63	53	b	b	b.bc.c	*
	Dungeness ...	1026·8	60	WSW	4	bc	1020·9	−3	52	+4	WSW	3	SW	c	3	–	63	46	bc	bc	bc.c	*
	Dover	1027·9	55	SW	1	bcz	1019·8	0	52	−2	W	1	–	bc	4	–	65	49	b	b bc.	z.bc	9·4
	Wick	1008·5	55	WSW	4	bc	1006·3	+8	46	0	NW	7	NW	o	6	1	60	45	ompq	om.bcq	omq.pg	*
	Nairn	1012·7	55	W	6	bc	1010·5	*	52	0	WNW	6	–	oqu	5	–	62	51	bcq	gq.bc	cq	2·6
	Aberdeen ...	1012·1	61	WSW	5	o	1007·8	+3	53	+3	WNW	6	NW	o	3	–	64	50	o.c	oq	c.oq	1·1
	Leith	1021·2	58	WSW	5	o	1010·4	0	57	+6	W	5	NW	cq	*	–	62	51	c.o.cq	c.oq	cq	*
	Tynemouth ...	1026·3	58	NW	5	cq	1012·0	+1	56	+8	W	6	W	oq	5	–	63	48	b	b	eq	4·3
	Spurn Head ...	1024·0	58	W	4	bc	1014·0	−2	56	+6	W	6	W	cwq	5	–	62	49	c	bc	c	5·3
	Yarmouth ...	1025·4	59	WSW	1	bcm	1014·7	0	52	+5	W	5	–	cq	3	–	62	44	bcm	bcm	bc.c	6·2
	Clacton-on-Sea	1026·1	63	SW	2	bcz	1018·6	−3	52	+4	W	4	–	c	3	–	66	47	bcm z	bcz	bcz.c	9·6
	Nottingham ...	1026·0	58	SW	2	bc	1017·7	*	55	+9	W	5	–	ome	*	–	66	46	b.bc	bc	bc.b	9·2
	Bath	1027·7	57	W	1	b	1022·7	*	55	+9	W	3	–	o	*	–	66	46	m.b	b	b.o	8·3
	London (Kew Obsy.)	1027·3	61	W	1	bz	1021·0	−1	51	+3	SW	2	–	cz	*	–	65	48	bcm bc	bc.b.	bz.bcz.cq	9·4
ICELAND, FAEROE, &c.	Spitsbergen ...	1002·7	21	NNE	1	b	1004·6	0	21	−2	NNE	3	*	b	*	–	23	16				
	Isafjord												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	975·4	41	SE	6	r	971·0	0	41	−5	SW	5	–	o	3	*	46	41				
	Bodö	986·9	45	N	4	bc	984·6	0	43	0	W	2	–	r	2	–	48	41				
	Christiansund	997·3	41	W	2	r	985·1	−6	43	0	E	3	–	c	5	7	45	41				
	Skudesnaes ..	1003·3	54	W	6	r	981·2	−7	50	+4	WNW	10	–	r	7	25	55	41				
	Færder (X'tania Fjord)	1003·4	52	WSW	6	o	976·6	−11	55	+3	W	6	NW	bc	4	–	55	48				
	The Scaw (Skagen)	1007·5	52	WNW	8	o	977·2	−14	55	+3	W	10	–	m	6	5	59	50				
	Blaavands Huk	1015·5	54	NW	7	r	998·0	−11	54	0	WNW	10	–	o	6	Trace	57	52				
	Haparanda ...	982·4	45	SW	2	c	980·4	0	36	−9	W	2	–	b	*	–	48	32				
	Hernösand ...	993·2	48	SW	4	b	983·3	−5	39	−4	N	2	–	b	*	–	54	36				
	Stockholm ...	1001·2	50	WSW	2	b	977·3	−21	45	−1	SSE	2	–	r	*	5	57	41				
	Wisby	1004·6	54	WNW	4	b	980·3	−21	54	+2	WSW	6	–	r	*	5	54	45				
	Karlstad	1002·3	50	W	6	c	?	−19	52	+6	W	2	–	c	*	8	55	43				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1024·0	55	W	5	bc	1012·0	−3	57	+2	W	7	–	o	6	–	61	55				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1027·5	58	SW	4	bc	1019·7	−3	57	+3	W	6	*	c	4	–	64	54				
	La Hève	1029·5	58	NNW	3	bc	1023·8	*	59	+4	WSW	4	*	o	4	–	63	54				
	Ushant							*					*									
	Brest (St. Mathieu)	1030·0	64	NNE	1	b	1028·0	0	55	0	NNE	2	*	o	1	–	72	54				
	Rochefort (Ile d'Aix)	1027·7	64	NW	3	b	1025·2	0	59	+5	NE	1	*	b	*	–	75	52				
	Biarritz	1026·3	66	NE	2	b	1025·1	0	59	0	SSW	2	*	b	1	–	73	57				
	Paris	1028·3	54	N	1	b	1024·6	−1	45	−1	N	1	–	o	*	–	66	43				
	Belfort	1025·6	57	WSW	2	m	1025·7	*	44		WSW	4	*	f	*	–	64	41				
	Lyons							*					*		*							
	Nice	1022·0	61	–	0	o	1019·9	0	59	+4	–	0	*	c	2	–	72	54				
	Perpignan ...	1023·4	70	NW	2	b	1021·5	0	66	+11	W	2	–	bc	*	–	82	55				
	Sanguinaire ...	*	67	N	2	bc	*	*	67		E	3	*	c	3	–	68	61				
SOUTHERN EUROPE.	Corunna (7 a.m.)	1022·6	73	NE	5	b	1023·7	+1	57	−2	SSE	1	–	b	1	–	75	55				
	Madrid (8 a.m.)														*							
	Lisbon (9 a.m.)	1019·4	77	NW	4	b	1021·5	+2	64	−2	N	2	–	b	2	–	82	63				
	Gibraltar							*							*							
	Rome														*							
	Azores (Horta, 8 a.m.)	1013·3	*	NNE	3	b	1011·4	+1	64	−5	WNW	1	–	bc	2	3	73	64				
	Madeira (Funchal)	1018·3	73	SW	3	bc	1019·8	+1	70	0	SW	2	–	o	3	–	75	68				

GALES.

Duration and Extreme Force in British Islands.

Deerness 27th 8pm WSW 8, 28th 2am W. 9.

Stornoway 27th 6pm to 28th 7am. Squalls force 8.

Glasgow. 27th 7pm to 28th between Midt and 7am. W. 8.

Malin Head. 27th 5pm – 9pm. WSW 8.

Wick. 27th 7pm – 28th 6am WSW 9.

Nairn. 27th 11am – 5pm. WNW. 8 " 11pm – 28th 5am. WNW 8.

Aberdeen. 27th 3pm WSW 24 mps (2) " Midt. W 24 mps (3) 28th. 6am W 23 mps (3).

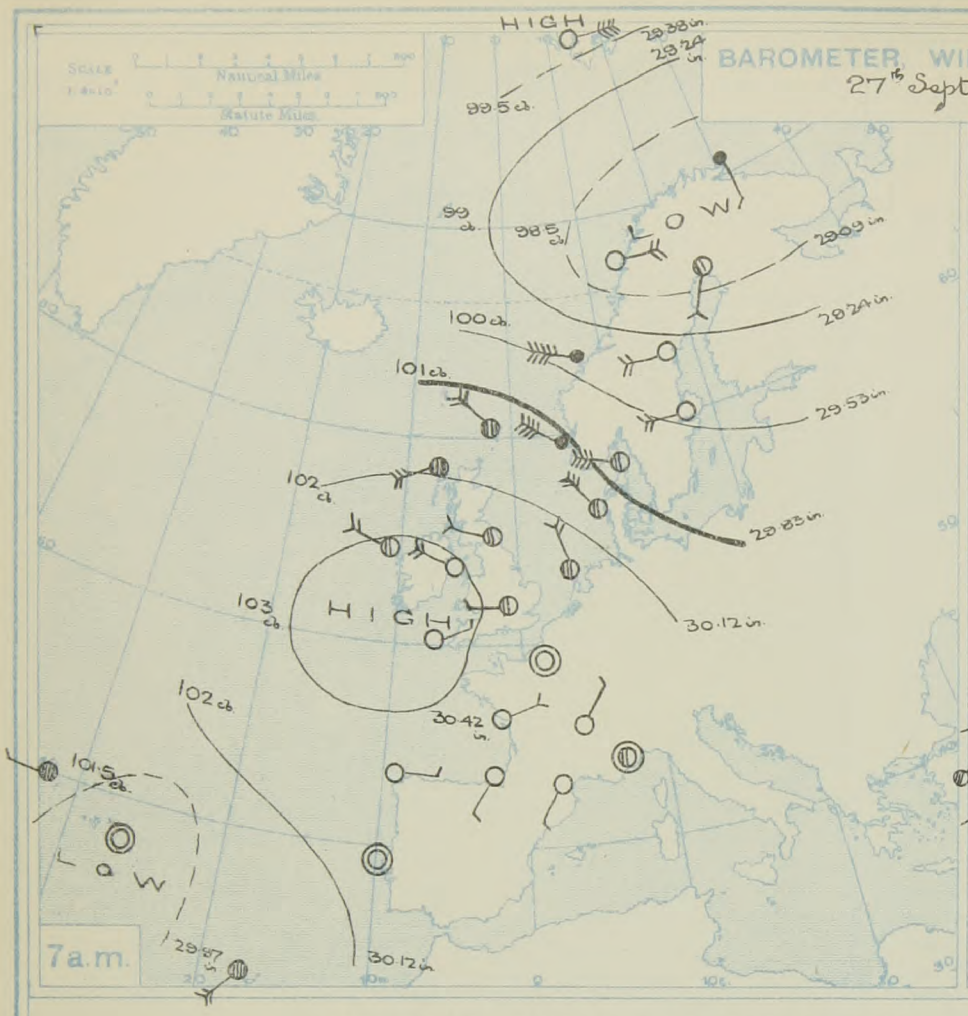
Spurn Head. 28th 2am – 4am W-8

Lerwick 27th 7pm – 3am SW 8 at 11pm

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

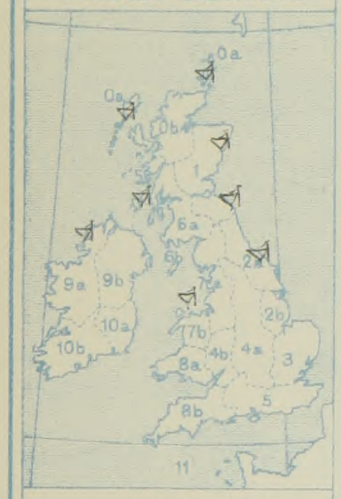
BAROMETER, WIND AND WEATHER FOR 27th September, 1914.

Note.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



0 a, b — North-Westerly winds, strong at first, with squally weather and some local showers; moderating gradually later and weather improving; cool.

1

2 a, b

3

4 a, b — Westerly to North-Westerly winds, moderate or fresh; fair; cool.

5

6 a, b — Same as Nos. 0 to 2.

7 a, b

8 a, b — North-Westerly winds, moderate; fair; cool.

9 a, b — Same as Nos. 0 to 2.

10 a, b — Westerly and North-Westerly winds, light; fair; cool.

11 — Moderate North-Westerly winds and moderate sea mouth Channel, light Northerly to North-Easterly winds and slight sea Bay; fair; cool.

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.

SOUTH CONE HOISTED
in Districts 0, 1, 6 and 9 at 8·40am.
& in Districts 2 and 7 at 7·15pm yesterday.

Western Channel and Bay.

FURTHER OUTLOOK.

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

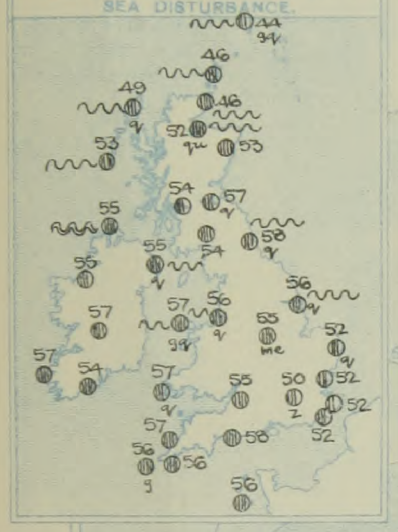
W. N. SHAW, Director.

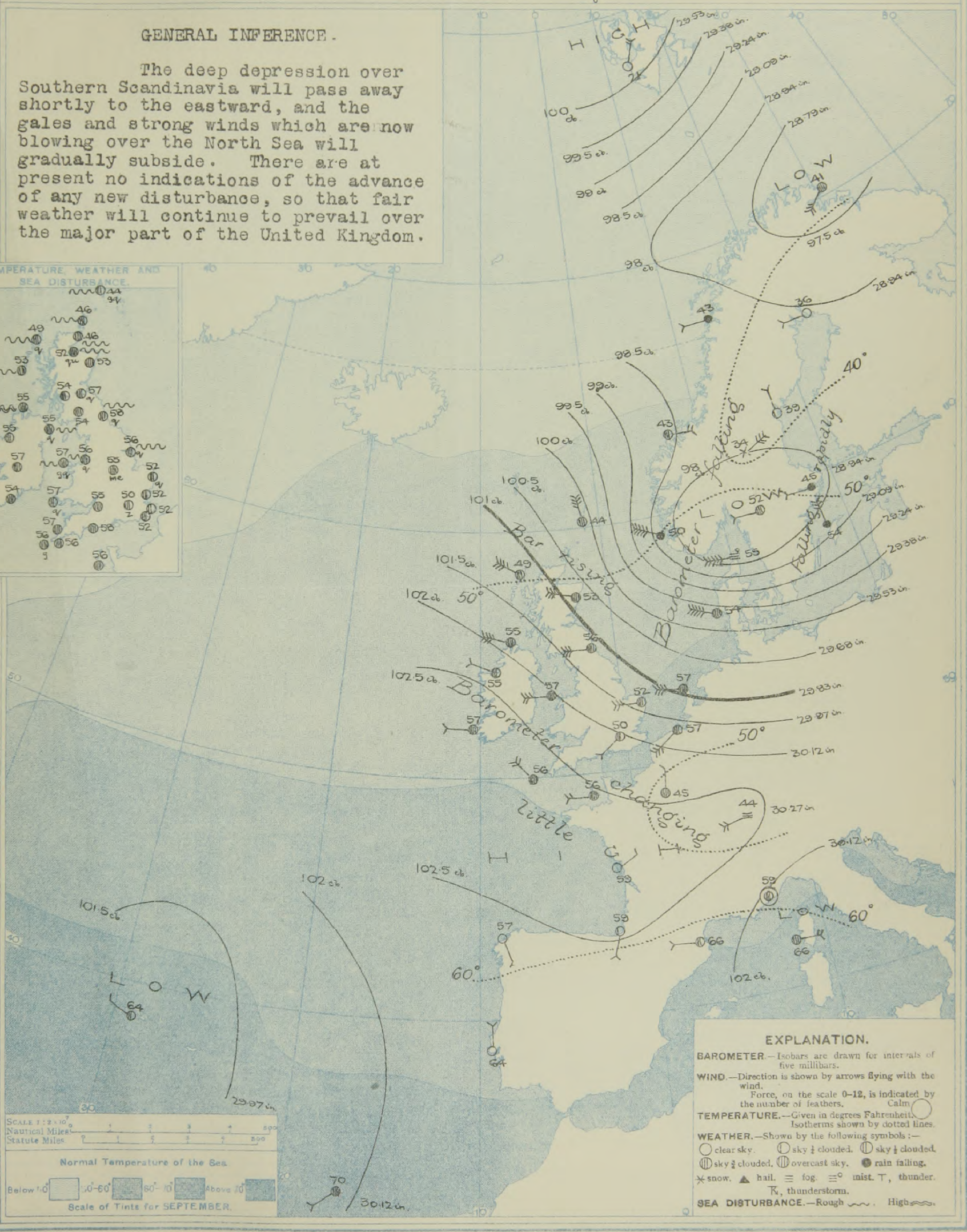
SYNOPTIC CHART FOR 7 a.m., Monday, 28th SEPTEMBER, 1914.

GENERAL INFERENCE.

The deep depression over Southern Scandinavia will pass away shortly to the eastward, and the gales and strong winds which are now blowing over the North Sea will gradually subside. There are at present no indications of the advance of any new disturbance, so that fair weather will continue to prevail over the major part of the United Kingdom.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.





Scale 1 : 2 × 10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 40° | 40°-50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded.
◍ sky ¾ clouded. ◍ overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder.
⊼, thunderstorm.

SEA DISTURBANCE.—Rough ~~. High ≈.

DAILY WEATHER REPORT.

Monday, 28th September, 1914.

REPORTS FOR YESTERDAY.	STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
Scotland.	Banff	–	60	46	ogq	bc.cq	0.4
Scotland.	Carnoustie	–	64	46	*	*	4.6
Scotland.	St. Andrews				*	*	
Eng., N.E.	Harrogate	–	62	43	b.bc	bc.cq	7.0
Eng., N.E.	Scarborough	*	65	47	c.b	c.b	6.9
Eng., N.E.	Skegness	–	66	42	b.bc	bc	7.0
Eng., N.W.	Douglas (I. of M.)						
Eng., N.W.	Morecambe	–	60	52	b.bc	b.bc	8.3
Eng., N.W.	Blackpool	–	60	54	c.b	bc	9.5
Eng., N.W.	Southport	–	60	53	b	bc	9.7
Midlands.	Buxton	–	58	46	b	bc	7.5
Midlands.	Leamington Spa	–	65	43	b	b	7.5
Midlands.	Malvern	–	66	49	b	b	11.2
Midlands.	Ross-on-Wye	–	68	39	w.b	b	9.9
Wales.	Rhyl	–	60	46	b	b	9.4
Wales.	Colwyn Bay	–	62	51	b	b	11.5
Wales.	Llandudno	–	63	52	b	b	9.9
Wales.	Bettws-y-Coed						
Wales.	Aberystwyth	–	60	45	o.c.b	b.bc	10.2
Wales.	Tenby						
Wales.	Swansea	–	66	46	b	b	9.3
England, E.	Cromer	–	63	52	bc	bc	5.3
England, E.	Lowestoft	–	63	46	bc	bc.c	7.0
England, E.	Felixstowe	–	66	46	bc	bcm	9.4
England, E.	Walton-on-Naze	–	63	46	bc.c.bc	bc.c	9.8
England, E.	Southend-on-Sea	–	69	49	b	b	8.8
England, S.E.	Tunbridge Wells	–	65	48	m.bc	bcm	9.5
England, S.E.	Margate	–	64	53	b	b	9.4
England, S.E.	Ramsgate						
England, S.E.	Folkestone	–	65	50	b.c	b	8.7
England, S.E.	Littlestone	*	*	*	*	*	8.8
England, S.E.	Hastings	–	63	50	b	b	9.9
England, S.E.	Bexhill-on-Sea	–	65	50	b	b	9.0
England, S.E.	Eastbourne	–	62	51	m.b	b	9.4
England, S.E.	Seaford						
England, S.E.	Brighton	–	66	49	bc	bc.b	9.7
England, S.E.	Worthing	–	67	48	b	b	10.7
England, S.E.	Littlehampton	–	65	47	b	b	9.1
England, S.E.	Bognor	–	65	48	b	b	10.0
England, S.E.	Southsea	–	65	50	b	b	10.2
England, S.E.	Bournemouth	–	65	45	b	b	10.5
England, S.W.	Weymouth	–	67	51	wz.b	bz	9.0
England, S.W.	Exmouth						
England, S.W.	Teignmouth to 9 p.m.	–	64	50	b	b	10.0
England, S.W.	Torquay	–	65	50	b	b	10.5
England, S.W.	Paignton						
England, S.W.	Plymouth	–	67	50	bc	b	10.0
England, S.W.	Falmouth	–	66	53	c.b	b	10.7
England, S.W.	Penzance						
England, S.W.	Bude	–	62	41	b	b	10.2
England, S.W.	Ilfracombe	–	61	55	b	b	10.1
England, S.W.	Weston-super-Mare	–	63	47	b	b	10.2

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	55	80	10.0	66	49	42	-	b	b	bc.c
City (Bunhill Row)	*	*	7.7	*	*	*	*	*	*	*
Westminster (St. James's Pk.)			8.9							
Camden Sq. (Brit. Rainfall)	–	76	8.2	68	48	44	-	–	–	*
Hampstead (Reservoir)	*	83	9.3	67	47	42	-	bc	bc	c.bc
Richmond Park	*	*	9.0							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	-	77	9.2							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1016 Joules	27.6 Milliwatts.	.48 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rain fall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	–	62	48	44	c.b	b	b	*
Darwen to 9 p.m.								
Manchester ,,	–	63	51	*	bc	b	b	8.3
Birmingham ,,	–	66	42	38	b	b	b	8.4
Oxford to 8 p.m.	*	65	44	36	o.c.b	b	b	*
S. Kensington (Museum Grounds to 6 p.m.)	–	66	49	41	bc	b.bc	bc.c	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

28th and 29th Sept, 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.49 / 5.51	11.44	5.38
Greenwich	5.56 / 5.58	11.51	5.46
Wick	6.11 / 6.14	12.3	5.54
Valencia	6.37 / 6.39	12.52 / 12.51	6.26 / 6.23

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 65° and upwards in several parts of England, and to 69° at Jersey. More than 10 hours of bright sunshine were recorded in England and Wales. Slight rain was experienced in Ireland and the west and north of Scotland, and a fresh to strong gale from the Westward blew at night on nearly all our northern 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; 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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday, 29th September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1013·6	46	NNW	6	cqp	1023·7	+3	41	−3	NNW	4	NW	c	4	1	46	41	cqp	cqp	bc	*
	Deerness ...	1016·9	46	NW	6	c	1026·1	*	42	−4	N	4	NW	bc	4	1	55	41	cp.c	cpq	cp.bc	4·5
	Stornoway ...	1023·6	46	NNW	4	cq	1029·9	+3	48	−1	NNW	1	–	c	1	1	51	45	cdqp	cq	bc.c	4·6
	Castlebay (Barra Isd.)	1023·7	50	NW	4	bc	1029·9	+2	47	−6	NNE	2	–	c	2	–	55	45	o.c	c.bc	bc	5·2
	Glasgow ...	1021·3	49	WNW	4	b	1030·2	+4	37	−17	SSE	1	–	bm	*	–	56	36	c.bc.bq	bq.bc	b.bmx	6·2
	Eskdalemuir ...	1019·9	48	NW	6	c	1029·8	+3	37	−17	N	2	–	bx	*	–	56	32	o.c	c.bcq	bcq.bc	6·1
	Malin Head ...	1024·5	53	NNW	5	bc	1029·5	+2	50	−5	N	3	–	bc	3	–	61	48	cq	bcq	bcv	2·2
	Markree Castle	1026·4	55	NW	2	o	1031·1	*	38	−17	–	o	–	b	*	1	*	*	od	od	c.bf	c.o
	Blacksod Point	*	*	NW	3	cq	*	*	*	*	–	o	*	bcm	o	*	*	*	cm.c	c.cg	cm.cmd	*
	Valencia ...	1029·0	57	NW	3	bc	1030·9	+1	54	−3	–	o	–	o	2	–	61	51	c	bc	b.o	5·9
	Roche's Point	1027·8	59	NNW	3	o	1030·7	*	56	+2	N	1	–	o	1	–	62	53	o.c.o	c.oq	o.c.o	*
	Birr Castle ...	1026·9	58	NW	2	o	1030·9	*	46	−11	NW	1	–	f	*	–	59	46	o	o.c.c	of	0·3
	Donaghadee ...	1022·9	54	NW	6	bcq	1029·3	+4	50	−5	N	4	–	bc	3	–	59	49	bcq	bcq	bcq.bc	*
	Liverpool (Bidston)	1022·8	55	WNW	5	o	1029·0	+4	45	−11	NNE	2	–	b	2	1	59	44	od	c.bc	c.b	0·3
	Holyhead ...	1023·6	68	NW	5	oq	1029·4	+2	52	−5	NNE	4	NE	bc	6	–	60	52	o.c.o	oq	b.bc.b	0·2
	Pembroke (St. Ann's)	1025·5	57	NW	4	c	1029·3	+1	51	−6	ENE	2	NE	c	1	–	60	49	cq	cq	c	0·4
	Newquay ...	1025·3	58	N	4	o	1027·9	+3	56	−1	NNE	4	N	b	4	–	58	56	ov	o	o.bc	0·0
	Scilly (St. Mary's)	1027·3	57	NNW	4	c	1028·3	+1	57	+1	NNE	2	N	c	3	–	61	54	c	o	bc.cw	0·7
	Falmouth ...	1025·8	58	NNW	4	o	1028·4	+2	56	o	NNE	2	–	o	3	–	60	55	o	o	o	0·3
	Jersey (St. Aubin)	1024·4	60	WNW	3	og	1026·6	*	57	+1	NE	3	N	o	3	–	61	56	o	o	c.o	0·8
	Portland Bill ...	1022·5	60	WNW	5	bc	1027·1	+4	52	−6	NE	3	–	b	2	–	62	51	c	c.bc	bc.b	*
	Dungeness ...	1019·0	62	W	4	cq	1024·8	+3	45	−7	NW	4	–	bz	3	–	66	42	c.bc.c	cq	bwz	*
	Dover	1019·1	60	NW	5	bc	1025·2	+3	52	o	NW	2	–	b	4	–	64	45	bc.c.bc	b.bc.c	bc.b	3·9
	Wick	1018·6	42	NW	4	o	1024·1	+2	43	−3	NW	4	–	o	4	2	51	40	om.bcpq	bcq.op	opq	*
	Nairn	1021·3	48	WNW	4	bcq	1029·1	*	38	−14	–	o	–	b	1	1	53	37	bcqp	bcq.p	bc	4·9
	Aberdeen ...	1019·4	46	NW	5	bc	1028·0	+4	42	−11	NW	4	N	bc	3	3	54	41	o.bcqp	bcq	bcpq	5·5
	Leith	1019·9	54	NW	3	bc	1029·0	+2	43	−14	SW	1	–	b	*	–	60	42	cq.bc	bc.b	bc	*
	Tynemouth ...	1018·5	53	NNW	4	cq	1027·6	+5	43	−13	NW	3	NW	c	3	–	61	40	cq	cq	c	?
	Spurn Head ...	1018·1	54	NNE	6	c	1025·9	+3	45	−11	NW	6	–	bcq	6	–	61	44	bcq	cq	bc	1·3
	Yarmouth ...	1017·3	56	N	4	bc	1024·4	+3	50	−2	NW	3	NW	bc	2	–	65	45	cmq	cmq.bc	bc	1·5
	Clacton-on-Sea	1017·5	60	WNW	4	bc	1025·2	+6	45	−7	WNW	3	–	b	2	–	64	44	c.o	o.c.bc	bc.b	1·2
	Nottingham ...	1019·7	58	NW	5	bc	1028·0	*	44	−11	NW	2	–	bm	*	–	62	43	om.c	c.bc	bc.b	0·6
	Bath	1022·7	60	NW	1	o	1028·8	*	45	−10	N	1	–	b	*	–	64	43	oq	oq	g.o.bc.b	0·2
	London (Kew Obsy.)	1020·6	62	NW	2	o	1027·4	+4	46	−4	N	2	–	bz	*	–	63	45	c.cz	o	o.cq.bc.bz	0·3
ICELAND, FAEROE, &c.	Spitsbergen ...	1008·3	18	S	2	bc	1010·9	+3	22	+1	S	1	*	bc	*	–	22	14				
	Isafjord... ...												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	981·9	41	N	1	r	996·8	+7	37	−4	NNE	10	–	o	5	*	41	36				
	Bodö	994·4	43	N	5	o	1005·9	+4	41	−2	N	4	–	bc	2	–	46	39				
	Christiansund	1000·8	48	NW	3	o	1012·3	+6	45	+2	NW	3	–	c	4	7	48	41				
	Skudesnaes ...	1003·8	46	N	8	c	1014·4	+4	46	−4	N	6	–	r	4	5	52	45				
	Færder (X'iania Fjord)	993·6	52	NNW	6	b	1004·3	+6	50	−5	NW	6	–	b	2	–	55	37				
	The Scaw (Skagen)	991·8	52	N	10	o	1005·3	+7	54	−1	N	8	–	b	7	–	59	48				
	Blaavands Huk	999·0	52	NW	10	o	1010·4	+6	54	o	NNW	7	–	m	6	Trace	57	50				
	Haparanda ...														*							
	Hernösand ...														*							
	Stockholm ...														*							
	Wisby														*							
	Karlstad														*							
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1012·7	55	NW	8	c	1019·7	+4	54	−3	NNW	7	–	c	5	2	59	50				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1018·6	61	W	5	o	1024·4	+4	52	−5	N	6	*	bc	5	–	64	52				
	La Hève	1023·0	59	NW	4	c	1023·8	*	52	−7	NE	3	*	bc	4	–	59	48				
	Ushant							*					*									
	Brest (St. Mathieu)	1027·3	57	NNE	4	o	1028·4	+1	55	o	N	3	*	c	1	–	72	54				
	Rochefort (Ile d'Aix)	1025·0	68	WNW	3	b	1024·7	o	59	o	NNE	4	*	o	*	–	72	55				
	Biarritz	1024·3	68	NNE	1	b	1023·8	o	61	+2	NE	3	*	o	2	–	75	59				
	Paris	1021·1	57	NW	2	o	1024·2	+4	52	+7	NNE	2	–	c	*	–	64	45				
	Belfort							*					*		*							
	Lyons							*					*		*							
	Nice	1015·9	59	–	o	c	1006·6	−2	57	−2	–	o	*	c	2	–	72	55				
	Perpignan ...	1018·7	73	NW	3	b	1016·6	−1	68	+2	NW	5	–	o	*	–	82	66				
	Sanguinaire ...	*	68	S	4	c	*	*	66	−1	E	3	*	o	3	–	73	61				
SOUTHERN EUROPE.	Corunna (7 a.m.)	1022·6	68	N	1	b	1022·9	o	52	−5	–	o		m	1	–	72	48				
	Madrid (8 a.m.)														*							
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1014·7	*	WSW	4	b	1017·1	o	68	+4	WSW	2	–	b	2	–	75	but				
	Madeira (Funchal)	1026·6	72	S	1	o	1013·7	o	66		NNE	2	N	bc	2	8	77	66				

GALES.

Duration and Extreme Force in British Islands.

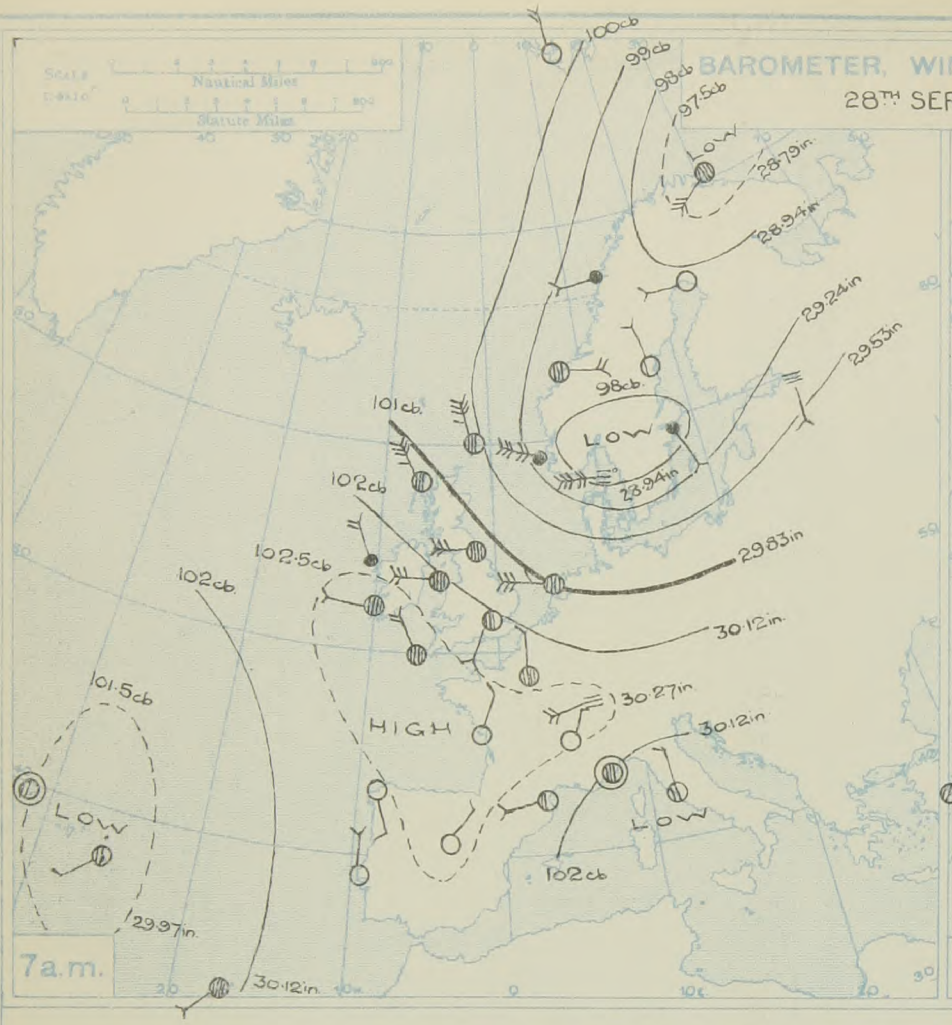
Lerwick.
28th. 11am – 4pm. NNW. 8

Aberdeen.
28th 8am. Gust NW 24 mps (9).

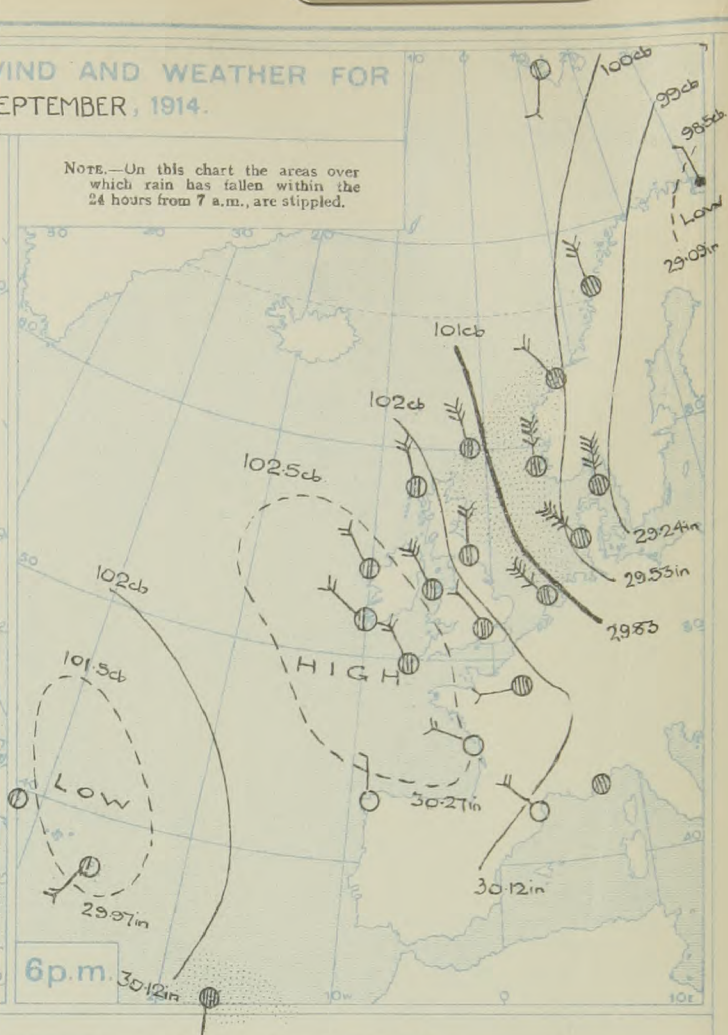
Spurn Head.
28th. 9am – 2pm. W. 9 at. Noon.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change

BAROMETER, WIND AND WEATHER FOR 28TH SEPTEMBER, 1914.

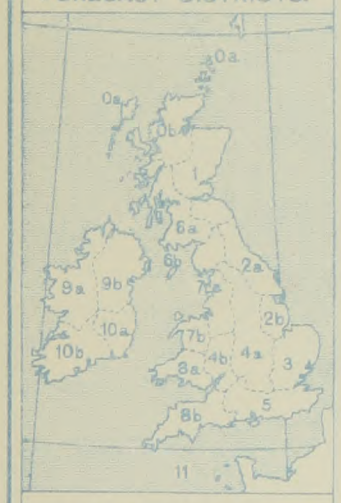


NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



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.

0 {a b} Light or moderate North-Westerly to Westerly winds; fair; cool.

1, 2 {a b}, 3, 4 {a b} Light Northerly and North-Westerly winds; fine generally; fog and ground frost locally to-night.

5 Light Northerly winds; fine generally; fog and ground frost locally to-night.

6 {a b}, 7 {a b}, 8 {a b} Light Northerly to variable breezes; fine generally; fog and ground frost locally to-night.

9 {a b}, 10 {a b} Calms and light variable airs; fine generally; fog and ground frost locally to-night.

11 Light North-Easterly winds and a slight sea; fair generally, but misty or foggy in places.

Millibars: 1050, 1040, 1030, 1020, 1010, 1000, 990, 980, 970

FURTHER OUTLOOK.

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

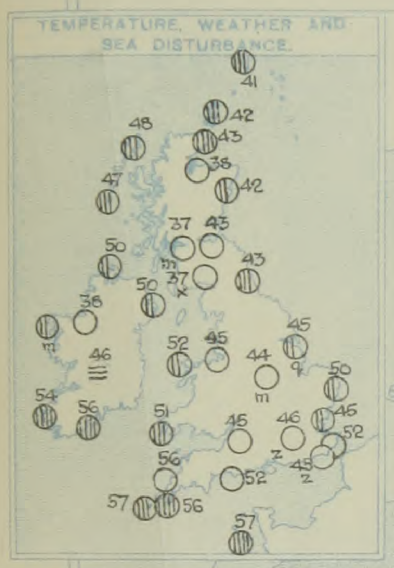
W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., TUESDAY, 29TH SEPTEMBER, 1914.

GENERAL INFERENCE.

The western anticyclone will probably extend eastward and occasion a continuance of fair weather over the United Kingdom generally. Fog and ground frost will be experienced to-night in many inland districts.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



101cb
100·5cb
100cb.
30°
40°
LOW
29·53in
101·5cb
102cb
102·5cb
Generally
50°
29·68in
29·83in
103cb.
HIGH
Barometer rising
29·97in
102·5cb
102cb
30·42in
30·27in
29·97in
29·83in
LOW
60°
falling
101·5cb
101cb.
Barometer
30·12in
101·5cb
LOW
29·97

Inches
31
30
29

SCALE 1 : 2 × 10⁷
Nautical Miles 0 1 2 3 4 300
Statute Miles 0 1 1½ 3 4 500

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded.
◕ sky ¾ clouded. ● overcast sky. ● rain falling.
✳ snow. ▲ hail. ≡ fog. =° mist. ⊤, thunder.
⊼, thunderstorm.

SEA DISTURBANCE.—Rough ∿∿. High ≈≈.

DAILY WEATHER REPORT.

Tuesday, 29th September, 1914.

REPORTS FOR YESTERDAY.

28th September

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
St. Petersburg ...	1001·0	48	SW	3	c	997·1	+3	39	-13	S	2	-	f	*	-	57	39
Lyons	1027·4	59	N	1	b	1026·1	.	48	+1	NNE	1	-	b	*	-	69	47
Madrid	1021·9	77	E	1	b	1026·1	+1	61	0	NE	1	-	b	*	-	77	55
Rome	1022·3	61	NW	1	b	1020·7	0	52	0	N	1	-	bc	*	-	70	50

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban						
Scotland.	Banff	1	58	47	bcq	bcpq.o	4·6
Scotland.	Carnoustie	–	59	52	*	*	6·3
Scotland.	St. Andrews	–	59	50	*	*	5·7
Eng. N.E.	Harrogate	–	61	52	o.c.	bc.b.	3·7
Eng. N.E.	Scarborough	*	63	53	c.b.	o.c.	2·4
Eng. N.E.	Skegness	–	65	50	o.bc	bc.	2·8
Eng. N.W.	Douglas (I. of M.) ...						
Eng. N.W.	Morecambe	1	60	54	op	bc.b.	5·0
Eng. N.W.	Blackpool	–	58	55	o.c	o.c.	1·3
Eng. N.W.	Southport	1	60	54	od.c.	c.bc.c	1·5
Midlands.	Buxton	1	54	47	cr	c	0·0
Midlands.	Leamington Spa	–	62	48	o	o	0·0
Midlands.	Malvern	–	62	55	c	c	0·0
Midlands.	Ross-on-Wye	–	61	42	c	c	0·7
Wales.	Rhyl	2	61	50	or.bc	o.c.	0·2
Wales.	Colwyn Bay	–	58	52	c.bc.	bc.o.	0·0
Wales.	Llandudno	–	59	54	o	o	0·0
Wales.	Bettws-y-Coed	–	64	54	cu	cu	2·3
Wales.	Aberystwyth	–	61	54	o.c.	c.o.	1·0
Wales.	Tenby	–	59	46	o	o	0·2
Wales.	Swansea	–	60	49	o	o	0·0
England. E.	Cromer	–	63	51	c	bc	2·5
England. E.	Lowestoft	–	65	50	o.c.	c.ou	2·8
England. E.	Felixstowe	–	64	51	cq	cq	0·6
England. E.	Walton-on-Naze	–	65	49	c.o.c.bc	c	0·5
England. E.	Southend-on-Sea	–	65	50	o	bc.o.	0·7
England. S.E.	Tunbridge Wells	–	64	46	mbc.c.	c.ou	1·5
England. S.E.	Margate	–	63	50	c	bc.c.	2·0
England. S.E.	Ramsgate	–	64	48	b	bc	3·0
England. S.E.	Folkestone	–	65	50	bc	bc.c.	3·3
England. S.E.	Littlestone	*	*	*	*	*	1·8
England. S.E.	Hastings	–	64	50	bc	bc.o.	3·3
England. S.E.	Bexhill-on-Sea	–	64	52	b	bc.o.	3·3
England. S.E.	Eastbourne	–	65	54	bc	bc.	2·6
England. S.E.	Seaford	–	64	53	c	c	1·4
England. S.E.	Brighton	–	65	51	c	c.o	2·7
England. S.E.	Worthing	–	65	49	bc	bc.c.o.	2·2
England. S.E.	Littlehampton	–	64	48	o.bc.g.	bc.c.	1·4
England. S.E.	Bognor	–	65	49	o	bc.o.	1·7
England. S.E.	Southsea	–	64	51	o.c.	c.o.	1·8
England. S.E.	Bournemouth	–	62	46	o.c.	o.c.	0·5
England. S.W.	Weymouth...	–	63	49	o.c.	c.o3	0·0
England. S.W.	Exmouth	–	65	47	b	b	0·0
England. S.W.	Teignmouth to 9 p.m. ...	–	63	48	o.c.	c	0·1
England. S.W.	Torquay	–	62	48	c.o	o	0·2
England. S.W.	Paignton	–	63	45	o	o.bc	0·5
England. S.W.	Plymouth ... to 9 p.m.	–	61	49	o	ou	0·1
England. S.W.	Falmouth	–	60	50	o	o	0·3
England. S.W.	Penzance	–	63	51	bc	c	3·5
England. S.W.	Bude	–	61	45	w.bc.c.o.	o.c.bc.	0·0
England. S.W.	Ilfracombe	–	60	56	o	o	0·0
England. S.W.	Weston-super-Mare ...						

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max. (24 hours ended 9 a.m. To-day.)	Temperature. In Screen. Min. (24 hours ended 9 a.m. To-day.)	Temperature. Min. on Grass. (24 hours ended 9 a.m. To-day.)	Rainfall. (24 hours ended 9 a.m. To-day.)	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.) ...	73	64	0·4	64	47	38	–	0	0	o.c.b.
City (Bunhill Row)	*	*	0·0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	77	68	0·4	63	47	40	–	c	cu	bcu.bc
Camden Sq. (Brit. Rainfall)	66	65	0·9	64	45	41	–	c.o	c.o.	*
Hampstead (Reservoir) ...	*	67	0·3	61	44	37	–	c	c	c.bc.
Richmond Park ...	*	*	0·9							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	74	63	0·3							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
468 Joules	10·9 Milliwatts.	41 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rain fall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	trace	61	52	52	bc.od.	c.o	o	*
Darwen to 9 p.m.	"	54	46	?	bc.or	or	or.bc.	0·3
Manchester "	trace	59	49	*	bc.op	op.c.	c.b.	0·4
Birmingham "	–	63	48	42	o	o.c.	o.c.b.	0·4
Oxford to 8 p.m.	*	64	47	42	b.bc.c	c	c.o.	*
S. Kensington (Museum Grounds to 6 p.m.)	–	64	49	44	cg.c.	c.o.	o.ou.	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

29th & 30th Sept., 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·31	11·43	5·35
	5·53	11·43	5·33
Greenwich	5·58	11·50	5·42
	6·0	11·50	5·40
Wick	6·14	12.2	5·50
	6·17	12.2	5·47
Valencia	6·34	12·31	6·25
	6·41	12·31	6·21

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 60° and 65° in most parts of England and Ireland and reached 66° at Dungeness In the north of Scotland it did not touch 55°. The amount of bright sunshine was small. Slight rain fell in the extreme north and north-west districts, and a gale occurred locally on the north and north-east coasts of Great Britain.

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.

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§ 1 mm. is approximately 4 hundredths of an inch.

‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 30th September, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Past 24 hours. Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
			°F.					‡	F.	F							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1026·0	44	NW	3	bc	1016·5	−6	51	+10	WSW	6	–	sm	4	1	51	41	bc	bc	c.rnd	*
	Deerness ...	1027·7	46	WNW	3	c	1020·0	*	49	+7	SSW	3	–	c	3	–	49	41	bc.c	o.c	o.c	2·2
	Stornoway ...	1028·4	51	WSW	3	c	1021·4	−3	53	+5	WSW	5	w	bcq	4	–	53	51	c.o	o.bc	bcq	0·4
	Castlebay (Barra Isd.)	1029·2	52	SW	3	c	1024·4	−1	54	+7	SW	4	SW	o	4	–	54	47	c.bc	c	c.o	6·5
	Glasgow ...	1030·0	49	W	1	b	1028·3	−1	42	+5	W	1	SW	sm	*	–	53	36	sm.b.bz	b.bz	bm.cm	8·2
	Eskdalemuir ...	1030·5	43	–	0	b	1029·7	−1	36	−7	SE	1	NW	b	*	–	55	27	bc.bv	b	b	9·9
	Malin Head ...	1030·5	51	ENE	2	b	1027·0	−1	50	0	SSW	2	W	bc	2	–	57	47	bcv	bc	bc	8·7
	Markree Castle	1026·4	53	–	0	b	1028·4	*	51	+13	–	0	–	o	*	–	*	*		bc	c	7·9
	Blacksod Point	*	*	SW	2	*	*	*	*	*	SSW	2	–	bcm	1	*	*	*	bcv.cv	cv	cv.bcm	*
	Valencia ...	1030·5	57	WNW	1	c	1028·8	−1	51	−3	ESE	1	–	bc	2	–	60	51	c	c	bc	0·5
	Roche's Point	1031·1	54	E	1	b	1029·9	*	54	−2	SE	1	–	o	1	0·1	57	49	og	og.b	b.bcv.o	*
	Birr Castle ...	1030·2	55	–	0	b	1029·7	*	42	−4	SW	1	–	f	*	–	61	40	b	b	bf	9·5
	Donaghadee ...	1030·4	50	NNE	3	bv	1028·3	o	45	−5	SW	2	–	bcm	1	–	54	43	bc	bv	bv.bcm	*
	Liverpool (Bidston)	1031·0	49	NW	1	b	1030·1	o	40	−5	E	2	–	b	2	–	54	39	b	b	bm	10·5
	Holyhead ...	1030·4	53	NNE	3	bz	1029·9	o	44	−8	SE	2	–	bz	1	–	58	42	bc.b	bz	b.z	9·6
	Pembroke (St. Ann's)	1030·0	55	E	3	b	1029·8	o	50	−1	E	2	–	bmw	2	–	60	47	c	c	b	8·0
	Newquay ...	1028·5	55	N	2	b	1029·1	+1	47	−9	SE	1	–	bzw	2	–	59	42	bv	bv	b	9·8
	Scilly (St. Mary's)	1028·9	55	NE	3	b	1028·4	o	54	−3	ESE	3	SE	bc	3	–	60	52	cmp	bc	b.bc	5·7
	Falmouth ...	1028·4	55	NNW	2	b	1029·0	o	47	−9	NNW	2	–	b	2	–	62	46	o.c.b	bc.b	bv	7·7
	Jersey (St. Aubin)	1027·7	58	ENE	3	b	1029·4	*	51	−6	ENE	3	–	b	3	–	62	46	o.c.b	b	bmw	8·2
	Portland Bill ...	1028·6	55	NNE	2	b	1030·0	+1	51	−1	NE	3	–	b	1	–	59	49	b.be	b.bc	b	*
	Dungeness ...	1027·9	54	NNE	4	b	1029·8	+2	40	−5	N	2	–	b	2	–	59	37	bc	bc	bc.bm	*
	Dover	1028·7	50	NNE	4	bc	1030·5	+2	46	−6	NW	3	–	bm	2	–	61	42	b	b.bc	bc.bm	3·4
	Wick	1028·0	46	WNW	1	o	1020·7	−5	48	+5	WSW	3	–	b	3	–	48	44	op.o	o	o.c.bm	*
	Nairn	1029·3	48	–	0	bc	1022·7	*	49	+11	W	3	–	bcq	3	–	53	37	bc.c	bc	bc	5·5
	Aberdeen ...	1029·6	45	NW	1	bc	1023·6	−3	44	+2	SW	1	–	b	2	–	50	41	bc.c	bc	bc.c.b	4·5
	Leith	1030·3	53	W	1	b	1026·4	−1	48	+5	W	2	–	c	*	–	56	38	b	b	bz	*
	Tynemouth ...	1029·7	49	NNE	3	b	1028·6	−2	38	−5	W	3	–	bm	3	–	52	37	c	b	bm	?
	Spurn Head ...	1030·0	50	N	4	bc	1030·0	o	45	o	W	3	–	bm	5	–	52	44	cq	bc	bc	1·8
	Yarmouth ...	1028·5	51	NW	3	c	1030·0	+2	47	−3	W	2	–	c	1	–	56	43	bc	bc.c	c	2·5
	Clacton-on-Sea	1028·3	52	WNW	2	c	1030·6	+1	42	−3	NW	2	–	b	1	–	53	41	b.bc.c	c	c.o.bc.b	4·7
	Nottingham ...	1030·0	50	NE	2	b	1030·9	*	33	−11	W	1	–	fe	*	–	56	31	b.bc	bc.bm	bm	9·1
	Bath	1029·4	53	E	*	m	1031·5	*	33	−12	NE	1	–	m	*	–	60	32	b	bz	z.bc.b	9·0
	London (Kew Obsy.)	1029·4	55	NE	2	bz	1031·5	+2	37	−9	–	0	–	bmx	*	–	57	36	bz.b	b.bz	bz.bmx	10·0
ICELAND, FAEROE, &c.	Spitsbergen ...	1008·7	28	S	8	s	1009·1	o	30	+8	S	5	*	c	*	*	30	19				
	Isafjord												*		*	*	*	*				
	Reykjavik ...												*		*	*	*	*				
	Vestmanna ...												*			*	*	*				
	Seydisfjord ...												*		*	*	*	*				
	Thorshavn ...												*		*	*	*	*				
NORTHERN EUROPE.	Vardö	1005·7	37	NE	5	r	1004·7	o	37	o	NNE	8	–	r	4	*	39	37				
	Bodö	1012·3	41	N	4	c	1009·3	−3	36	−5	E	2	–	b	2	–	41	34				
	Christiansund	1018·3	45	NW	2	c	1011·9	−5	43	−2	SW	2	–	r	4	C	45	41				
	Skudesnaes ..	1019·3	46	NNW	5	c	1021·0	o	46	o	NW	4	–	o	4	8	48	43				
	Færder (X'ianiaFjord)	1013·0	52	NNW	6	b	1017·3	+2	46	−4	NW	1	–	bc	2	–	55	45				
	The Scaw (Skagen)	1011·8	54	NNE	4	bc	1018·3	+3	50	−4	NNE	2	–	b	3	–	57	48				
	Blaavands Huk	1017·0	52	NNW	7	c	1021·5	+3	52	−2	NNW	5	–	c	5	–	54	50				
	Haparanda ...	?1001·9	36	N	6	o	1002·4	o	34	−3	N	6	NE	bc	*	–	41	32				
	Hernösand ...	1005·7	43	NNW	6	b	1002·1	o	39	−2	NNW	8	–	b	*	–	46	36				
	Stockholm ...	1001·2	45	NW	6	o	1006·7	+3	41	o	WNW	6	–	o	*	1	46	39				
	Wisby	1001·7	46	N	9	c	1008·7	+4	43	−5	N	8	–	c	*	–	48	41				
	Karlstad	1009·3	46	NW	6	b	1015·5	+3	41	−5	NW	4	–	b	*	–	55	34				
	St. Petersburg														*							
FRANCE, &c.	The Helder ...	1024·7	52	NNW	5	c	1028·0	+2	52	−2	NW	4	–	c.	3	–	55	50				
	Brussels	*	*	*	*	*									*							
	C. Gris Nez ...	1027·7	54	N	5	c	1029·2	+2	52	o	NNE	4	*	b	2	–	57	50				
	La Hève	1028·2	59	NE	2	b	1028·6	*	48	−4	ENE	2	*	c	2	–	59	46				
	Ushant	1029·0	55	NE	4	b	1028·4	*	49	−8	E	1	*	b	1	–	63	45				
	Brest (St. Mathieu)	1028·4	64	NE	3	b	1027·5	o	48	−7	ESE	3	*	b	1	–	70	48				
	Rochefort (Ile d'Aix)	1023·9	61	NNE	3	bc	1024·7	o	46	−13	ENE	5	*	b	*	–	66	46				
	Biarritz	1022·4	61	E	2	o	1020·7	o	53	−8	ENE	3	*	bc	2	–	66	52				
	Paris	1026·9	52	NNE	2	bc	1029·5	+2	43	−9	NNE	1	–	b	*	–	61	41				
	Belfort	1025·6	46	ENE	3	bc	1029·3	*	37	−11	ENE	2	*	f	*	–	58	35				
	Lyons							*					*		*							
	Nice	1008·0	62	–	0	o	1019·0	+5	63	+6	–	0	*	c	2	–	72	55				
	Perpignan ...	1016·0	64	NW	3	b	1020·2	+5	57	−11	–	0		b	*	–	73	54				
	Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.	Corunna (7 a.m.)	1019·7	68	NNE	5	b	1018·0	o	54	+2	E	1	–	sm	1	–	73	52				
	Madrid (8 a.m.)														*							
	Lisbon (9 a.m.)																					
	Gibraltar							*														
	Rome														*							
	Azores (Horta, 8 a.m.)	1018·6	*	S	4	o	1019·1	+1	70	+2	WSW	1	–	c	2	–	71	50				
	Madeira (Funchal)	1019·5	72	?	?	o	1019·0	o	66	o	NE	2	–	b	2	–	75	64				

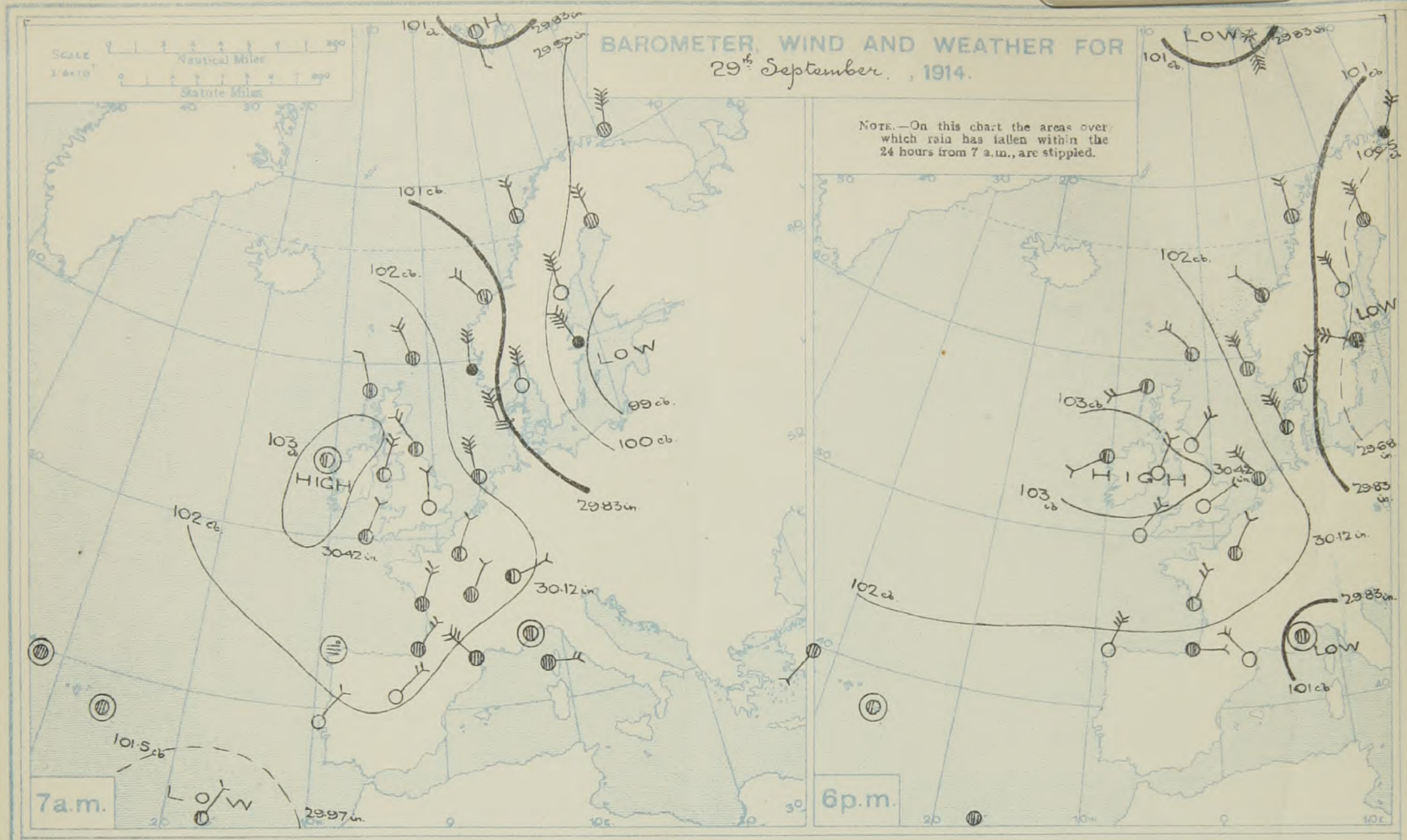
RAINFALL.

Equivalents of Millimetres. in Inches.

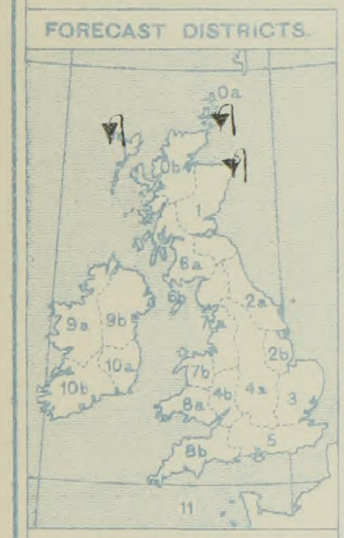
mm.	Inches.	mm.	Inches.
1	0·04	26	1·02
2	0·08	27	1·06
3	0·12	28	1·10
4	0·16	29	1·14
5	0·20	30	1·18
6	0·24	31	1·22
7	0·28	32	1·26
8	0·32	33	1·30
9	0·35	34	1·34
10	0·39	35	1·38
11	0·43	36	1·42
12	0·47	37	1·46
13	0·51	38	1·50
14	0·55	39	1·54
15	0·59	40	1·58
16	0·63	41	1·61
17	0·67	42	1·65
18	0·71	43	1·69
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.

BAROMETER, WIND AND WEATHER FOR 29th September, 1914.



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.



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.

SOUTH CONE HOISTED in districts 0 and 1 at 8·40 a.m.

Western Channel and Bay. 11 { Light Easterly and North-Easterly winds and a slight or smooth sea; fine generally, but misty or foggy in places; normal temperature.

0 {a, b} Increasing Westerly and South-Westerly winds; mild, unsettled, some rain.

1, 2 {a, b} Freshening Westerly winds; fine to-day, some showers to-morrow; normal temperature.

3, 4 {a, b} Light to moderate Westerly winds; fine generally; cool.

5 { Calms and light variable airs; fine generally; fog and frost locally to-night.

6 {a, b} Freshening Westerly and South-Westerly winds; fair at first, showery later; normal temperature.

7 {a, b} Same as Nos. 3 and 4.

8 {a, b} Light Easterly and South-Easterly winds; fine generally; fog and frost locally to-night.

9 {a, b} Same as No. 6 a.

10 {a, b} Same as No. 8.

FURTHER OUTLOOK.

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

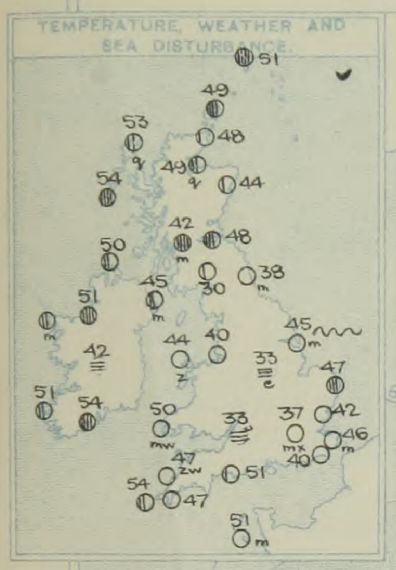
W. N. SHAW, Director.

SYNOPTIC CHART FOR 7 a.m., Wednesday, 30th SEPTEMBER, 1914.

GENERAL INFERENCE.

The anticyclone will move slowly southward. A new depression which is beginning to appear off the north of Scotland will occasion increasing Westerly winds and squally, showery weather on our extreme northern coasts.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



L O W

100.5 cb

2968 in.

101 cb

45° falling

Barometer falling

101.5 cb

102 cb

45°

35°

2983 in.

2997 in.

30·12 in.

Barometer rising

102·5 cb

30·27 in.

THIC

103 cb

30·42 in.

102·5 cb

45°

55°

30·12 in.

102 cb

Bar. rising

L O W

1015·1 mb.

1034 mb.

66

Millibars.

31

30

29

SCALE 1 : 2 × 10⁷

Nautical Miles 0 1 2 3 4 250

Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 50° | 50°-60° | 60°-70° | Above 70°

Scale of Tints for SEPTEMBER.

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 ¼ clouded. ◑ sky ½ clouded. ◕ sky ¾ clouded. ● overcast sky. ● rain falling.

✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤ thunder. ⊤ₛ thunderstorm.

SEA DISTURBANCE.—Rough ~~~. High ~~~.

DAILY WEATHER REPORT. Wednesday, 30th September 1914.

REPORTS FOR YESTERDAY.

29th September.

STATIONS.	EVENING OBSERVATIONS. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	OBSERVATIONS AT 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
Haparanda	987·7	48	N	4	o	996·6	+3	37	+1	N	6	–	o	*	3	50	34
Hernosand	985·9	43	N	2	bc	998·1	+5	41	+2	N	8	–	b	*	–	46	37
Stockholm	976·2	43	N	8	r	990·9	+8	41	−4	NNW	8	–	r	*	16	48	41
Wisby	983·7	48	N	9	r	988·6	+11	48	−6	N	9	–	o	8	13	54	45
Karlstad	987·5	45	NNW	6	b	1001·3	+8	46	−6	NW	7	–	b	*	Trace	55	39
Ushant	1027·7	57	N	4	o	1029·0	–	57		NE	3	–	c	3	–	64	50
Belfort	1019·3	55	WSW	2	m	1022·7	–	48	+4	ENE	2	–	c	–	1	62	48
Madrid	1019·4	79	–	o	b	1020·3	–	63	+2	NE	3	–	b	–	–	81	50
Lisbon	1019·9	75	NW	4	b	1018·3	–	66		NE	2	–	b	2	–	82	66

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

	STATIONS.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		mm.§	°F.	°F.			Hr.
Scotland.	Oban	–	57	37	b	b	9·2
	Banff	1	49	44	bc.c	o	2·2
	Carnoustie	–	56	38	*	*	10·2
	St. Andrews	–	56	?40	*	*	10·7
Eng., N.E.	Harrogate	–	53	37	b	b	10·3
	Scarborough	*	55	48	bc	bc	4·5
	Skegness	–	53	42	c.bc	bc	2·2
Eng., N.W.	Douglas (I. of M.)						
	Morecambe	–	54	37	b	b	10·2
	Blackpool	–	54	37	b	b	10·5
	Southport	–	?	?	b	b	10·4
Midlands.	Buxton	–	54	33	c	c	9·1
	Leamington Spa	–	57	40	b	b	8·6
	Malvern	–	56	47	b	b	9·6
	Ross-on-Wye	–	59	45	w.bc	b	9·3
Wales.	Rhyl	–	54	48	b	b	10·3
	Colwyn Bay	–	55	49	b	bc	9·3
	Llandudno	–	57	50	b	b	8·1
	Bettws-y-Coed						
	Aberystwyth	–	56	45	c.b	bc.c	10·5
	Tenby	–	62	46	b	b	10·5
	Swansea	–	64	46	m.b	b	7·7
England, E.	Cromer	0·3	56	49	c	c.bc.r.q	1·8
	Lowestoft	–	55	47	c.op	o.c	3·0
	Felixstowe	–	57	44	bc	c	4·4
	Walton-on-Naze	–	60	44	bc.c.oc	c.o	4·6
	Southend-on-Sea	–	60	45	b	b.bc	8·2
England, S.E.	Tunbridge Wells	–	60	43	m.b	b.m	5·5
	Margate	–	55	47	b	b	8·3
	Ramsgate	–	51	43	b	b	9·0
	Folkestone	–	58	46	bc	b.bc	8·7
	Littlestone	*	*	*	*	*	9·3
	Hastings	–	60	46	b	b	9·9
	Bexhill-on-Sea	–	62	46	b	b	10·0
	Eastbourne	–	60	46	b	b	10·1
	Seaford	–	62	45	b	b	9·7
	Brighton	–	61	46	b	b	9·8
	Worthing	–	59	44	b	b	9·6
	Littlehampton	–	62	45	b	b	8·5
	Bognor	–	59	45	b	b	9·3
	Southsea	–	60	47	b	b	10·0
	Bournemouth	–	59	46	b	b	10·2
England, S.W.	Weymouth	–	61	47	b.b	b.b	9·1
	Exmouth						
	Teignmouth						
	Torquay	–	61	51	b	b	9·7
	Paignton	–	59	50	bc.b	b	9·7
	Plymouth to 9 p.m.	–	63	52	bw.cb	bc	10·0
	Falmouth	–	62	55	o.c.b	bc.b	7·7
	Penzance	–	63	55	bc	b	8·2
	Bude	–	61	50	b	b	9·7
	Ilfracombe	–	60	55	b	b	10·0
	Weston-super-Mare	–	59	50	b	b	9·2

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-day.						
	%	%	Hr.	°F.	°F.	°F.	mm.§			
Greenwich (Royal Obsy.)	52	81	9·6	53	34	24	–	b	b	bc
City (Bunhill Row)	*	*	8·7	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	53	95	9·5	60	37	33	–	b	b	b.m
Camden Sq. (Brit. Rainfall)	49	84	7·4	61	36	34	–	b	b	*
Hampstead (Reservoir)	*	65	9·8	56	42	30	–	bc	bc	bcw.c
Richmond Park	*	*	9·6							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	52	79	9·7							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1153 Joules	273 Milliwatts.	48 Milliwatts.

Additional Observations for Yesterday.

STATIONS.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday
	mm §	°F.	F.	F.				Hr.
Dublin to 4 p.m.	–	57	45	44	o.b	b	b	*
Darwen to 9 p.m.	–	54	36	33	bcw	bc	bc	9·0
Manchester ,,	–	56	40	*	bc	bc	c.bg	6·0
Birmingham ,,	–	56	42	32	*	b	b	7·6
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	–	62	47	40	b	bc.b	b.bg	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

30th Sept. 1st October 1914.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.53 / 5.56	11.43	5.33 / 5.30
Greenwich	6.0 / 6.2	11.50	5.40 / 5.38
Wick	6.17 / 6.15	12.2	5.47 / 5.45
Valencia	6.41 / 6.43	12.31	6.21 / 6.19

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 60° and upwards at several of our southern stations and to 64° at Swansea, but over a large portion of North Britain it did not reach 55°. The amount of bright sunshine was generally large, more than 10 hours at several of our western and northern 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; 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.

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§ 1 mm. is approximately 4 hundredths of an inch. ‡ The barometric change is expressed in half-millibars.

ADDITIONS AND CORRECTIONS

TO THE

DAILY WEATHER REPORT.

SEPTEMBER, 1914.

Corrections and additions for the month of September are given on this sheet for stations in the British Isles, Holland, France, Scandinavia and "Southern Europe." The data for stations in Iceland, and Germany will be published separately in due course. Completed maps will eventually be published in the Weekly Weather Report of the Meteorological Office.

ADDITIONS AND CORRECTIONS TO THE

DATE.	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12	Weather.	THIS MORNING 7 A.M., G.M.T. Barometre. Millibars at M.S.L.	Barometre. Change in 3 hours.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max °F.	Temp. Min °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday. Hours.
1	Jersey	·	·	·	·	·	·	·	·	·	·	·	·	·	3	-	73	57	bm	b	b.m	8.2
	Spitzbergen	1011.5	37	·	0	·	1006.3	-	37	-	·	0	-	·	·	-	41	30	·	·	·	·
	Vardø	1013.3	50	N	1	·	1016.4	-	50	+2	N	0	-	·	2	-	50	45	·	·	·	·
	Bodø	1017.7	48	SSW	2	·	1021.1	-	52	0	SW	1	-	·	2	10	55	46	·	·	·	·
	Christiansund	1021.6	50	SW	3	·	1025.9	-	52	0	WNW	2	-	·	3	28	57	50	·	·	·	·
	Skudesnaes	1023.2	57	N	4	·	1028.7	-	55	-2	NNE	1	-	·	1	-	59	52	·	·	·	·
	Skagen	1022.9	64	WSW	4	·	1024.6	-	61	-2	NW	5	-	·	2	-	·	·	·	·	·	·
	Faerder	1021.2	61	WSW	4	·	1025.2	-	55	0	NNE	5	-	·	2	-	·	·	·	·	·	·
	Blaavands Huk	1026.4	61	NNW	3	·	1028.7	-	61	0	NNW	3	-	·	4	-	68	57	·	·	·	·
	Haparanda	1014.9	48	N	2	·	1016.2	-	46	-2	N	0	-	·	·	-	57	34	·	·	·	·
	Hernösand	1015.0	52	N	4	·	1019.7	-	52	-2	NW	6	-	·	·	-	63	48	·	·	·	·
	Stockholm	1019.1	59	WSW	2	·	1019.5	-	50	-4	WSW	6	-	·	·	-	64	48	·	·	·	·
	Wisby	1020.7	59	WSW	2	·	1019.5	-	57	-2	SE	2	-	·	·	-	61	55	·	·	·	·
	Karlstad	1020.8	57	NNW	2	·	?	-	57	-2	SE	2	-	·	·	-	66	43	·	·	·	·
	Petrograd	1006.7	50	NW	2	·	1007.9	-	46	-8	NW	2	-	·	·	4	57	48	·	·	·	·
	Belfort	1021.5	74	ENE	2	·	1024.8	-	59	-3	ENE	2	-	·	·	-	79	57	·	·	·	·
	Lyons	1020.6	74	N	3	·	1022.6	-	64	-3	N	2	-	·	·	-	79	60	·	·	·	·
	Coruna	1020.4	73	NNW	2	·	1019.7	-	63	0	NW	0	-	·	1	-	77	59	·	·	·	·
	Madrid	1018.1	81	·	0	·	1021.6	+2	68	0	ENE	0	-	·	2	-	84	59	·	·	·	·
	Lisbon	1016.7	82	NW	4	·	1017.2	+1	68	0	NNE	3	-	·	·	-	90	68	·	·	·	·
	Rome	1017.2	70	N	0	·	1016.7	-	64	-2	·	0	-	·	·	-	70	64	·	·	·	·
	Funchal	1016.2	75	N	2	·	1017.0	0	70	0	W	0	-	·	·	-	77	68	·	·	·	·
2	Jersey	·	·	·	·	·	·	·	·	·	·	·	·	·	0	-	72	61	c.om	o.cm	b	1.8
	Vardø	1017.0	46	NW	2	·	1017.6	-	46	-4	W	1	-	·	·	-	·	·	·	·	·	·
	Bodø	1023.3	52	·	0	·	1022.3	-	48	-4	NW	1	-	·	·	-	·	·	·	·	·	·
	Christiansund	1028.0	54	SW	0	·	1026.7	-	54	+2	SW	1	-	·	·	-	·	·	·	·	·	·
	Skudesnaes	1027.0	55	NNE	1	·	1023.9	-	55	0	NNE	1	-	·	·	-	·	·	·	·	·	·
	Blaavands Huk	1015.4	61	NNW	3	·	1026.4	-	61	0	WSW	3	-	·	·	-	·	·	·	·	·	·
	Haparanda	1017.9	50	NNW	2	·	1020.4	-	48	0	N	4	-	·	·	-	57	37	·	·	·	·
	Hernösand	·	55	·	0	·	1023.3	-	54	+2	NNE	2	-	·	·	-	61	45	·	·	·	·
	Stockholm	1021.3	57	NE	2	·	1022.7	-	54	+4	WSW	2	-	·	·	-	63	48	·	·	·	·
	Wisby	1022.0	59	NNE	2	·	1023.1	-	61	+4	NNE	2	-	·	·	-	61	48	·	·	·	·
	Karlstad	1023.1	59	·	0	·	1025.0	-	52	0	NW	2	-	·	·	-	64	46	·	·	·	·
	Petrograd	1012.2	64	NE	2	·	1012.3	+1	57	+1	NW	2	-	·	·	-	·	·	·	·	·	·
	Ushant	1023.8	58	ENE	2	·	1023.8	·	59	·	NE	2	-	·	3	-	66	54	·	·	·	·
	Rochefort	·	·	·	·	·	1021.2	+2	70	+1	E	3	-	·	·	-	83	66	·	·	·	·
	Paris	1024.4	76	NE	2	·	1025.6	+1	61	-3	NE	1	-	·	·	-	75	54	·	·	·	·
	Lyons	1021.5	75	NW	2	·	1024.2	·	63	-1	·	0	-	·	·	-	80	61	·	·	·	·
	Nice	1020.0	73	·	0	·	1020.8	+2	73	+2	W	0	-	·	·	-	93	66	·	·	·	·
	Perpignan	1019.9	75	·	0	·	1021.3	+2	68	-2	NW	0	-	·	·	-	84	57	·	·	·	·
	Madrid	1016.4	85	·	0	·	1021.3	+2	73	+5	NE	2	-	·	·	-	88	64	·	·	·	·
	Lisbon	1016.6	72	WSW	4	·	1017.3	+2	68	·	NE	1	-	·	·	-	86	66	·	·	·	·
	Rome	1018.9	72	·	0	·	1020.0	·	64	0	NE	1	-	·	·	Trace	81	64	·	·	·	·
3	Funchal	1015.8	73	SW	3	·	1016.3	+1	64	-6	SW	2	-	·	2	13	77	55	·	·	·	·
	Vardø	1016.6	46	NW	1	·	1013.2	·	46	0	NE	2	-	·	2	·	48	43	·	·	·	·
	Bodø	1017.6	50	SW	2	·	1009.7	·	43	-5	ENE	2	-	·	2	· 21	54	43	·	·	·	·
	Christiansund	1023.3	54	W	1	·	1016.3	·	52	+2	WSW	5	-	·	4	4	55	52	·	·	·	·
	Skudesnaes	1024.2	57	N	1	·	1020.7	·	57	+2	ESE	1	-	·	2	2	63	52	·	·	·	·
	Faerder	1024.0	61	NW	1	·	1018.3	·	61	·	SW	4	-	·	·	·	·	·	·	·	·	·
	Skagen	1022.0	57	SW	3	·	1022.0	·	57	·	SW	3	-	·	·	·	63	50	·	·	·	·
	Blaavands Huk	1025.0	63	N	1	·	1023.8	·	59	-2	S	5	-	·	·	·	64	52	·	·	·	·
	Haparanda	1018.5	50	·	0	·	1013.4	·	52	+6	S	4	-	·	·	·	57	38	·	·	·	·
	Hernösand	1022.4	55	NNE	2	·	1016.6	·	50	-4	·	0	-	·	·	·	61	45	·	·	·	·
	Stockholm	1022.3	57	S	2	·	1020.0	·	55	+1	SW	2	-	·	·	·	63	46	·	·	·	·
	Wisby	1023.3	57	NNW	2	·	1021.2	·	61	0	WSW	2	-	·	·	·	63	48	·	·	·	·
	Karlstad	1023.8	59	·	0	·	1019.5	·	54	+2	·	0	-	·	·	·	64	43	·	·	·	·
	St Petersburg	1017.0	48	NW	1	·	1017.1	·	46	-11	N	1	-	·	·	·	57	41	·	·	·	·
	Lyons	1022.3	71	N	1	·	1023.9	·	60	-5	E	2	-	·	·	·	78	58	·	·	·	·
	Sanguinaire	·	73	N	2	·	·	·	73	0	·	0	-	·	·	·	84	70	·	·	·	·
	Coruna	1017.3	70	NNW	1	·	1015.7	·	64	·	·	0	-	·	·	·	78	60	·	·	·	·
	Madrid	1015.9	86	SE	1	·	1021.5	+2	67	-6	NNE	2	-	·	2	·	88	62	·	·	·	·
	Lisbon	1015.2	70	WSW	4	·	1016.0	·	68	+2	SE	1	-	·	2	·	77	63	·	·	·	·
	Rome	1020.9	73	SE	1	·	1021.3	·	66	+2	·	0	-	·	2	·	82	64	·	·	·	·
4	Jersey	·	·	·	·	·	·	·	·	·	·	·	·	·	3	·	79	61	bm	bm	·	11.4
	Jersey	·	·	·	·	·	·	·	·	·	·	·	·	·	3	·	82	62	b	b	bmw	11.5
	Spitsbergen	1017.7	38	SE	1	·	1018.7	·	36	-8	SE	1	-	·	·	·	44	32	·	·	bc	·
	Vardø	1010.6	43	ENE	5	·	1012.3	+1	45	-1	NE	2	-	·	2	·	45	41	·	·	·	·
	Bodø	1007.5	43	·	3	·	1009.7	+4	45	+2	NE	2	-	·	2	·	45	27	·	·	·	·
	Christiansund	1016.2	50	W	4	·	1015.7	·	52	0	NW	4	-	·	2	·	52	50	·	·	·	·
	Skudesnaes	1018.1	55	N	4	·	1020.3	·	54	-3	N	2	-	·	3	·	61	46	·	·	·	·
	Faerder	1012.0	61	NW	3	·	1014.6	·	54	-7	NW	5	-	·	4	·	63	52	·	·	·	·
	Skagen	·	·	·	·	·	1014.9	+2	59	+2	ENE	2	-	·	·	·	66	52	·	·	·	·
	Blaavands Huk	1018.9	63	WNW	2	·	1016.3	+1	61	+2	NNW	3	-	·	4	·	66	57	·	·	·	·
	Haparanda	1005.0	48	S	2	·	1004.2	·	46	-6	ENE	4	-	·	6	·	54	45	·	·	·	·
	Hernösand	1006.4	50	SSW	2	·	1002.5	·	46	-4	W	4	-	·	6	·	54	45	·	·	·	·
	Stockholm	1008.7	52	SW	2	·	1007.5	·	48	-7	WNW	4	-	·	6	·	63	41	·	·	·	·
	Wisby	1012.7	57	WSW	6	·	1008.3	·	54	-7	NNW	4	-	·	6	·	64	52	·	·	·	·
	Karlstad	1011.3	59	WSW	2	·	1012.3	·	48	-6	WNW	4	-	·	6	·	63	39	·	·	·	·
	Petrograd	1012.7	50	S	1	·	1004.8	·	43	-3	SE	2	-	·	3	·	57	39	·	·	·	·
	Coruna	1016.4	69	NNE	1	·	1014.9	-2	66	+2	SSE	3	-	·	2	·	72	61	·	·	·	·
	Lisbon	1016.4	72	SW	4	·	1017.5	+1	68	0	WSW	2	-	·	1	·	75	68	·	·	·	·
	Rome	1021.0	73	·	0	·	1020.7	·	64	-2	N	1	-	·	·	·	82	64	·	·	·	·
5	Jersey	·	·	·	·	·	·	·	·	·	·	·	·	·	3	·	78	63	c	bc.b	otlr	5.3
	Haparanda	1012.4	46	N	2	·	1015.7	·	43	-3	NNE	2	-	·	2	·	57	37	·	·	·	·
	Hernösand	1007.9	50	NNW	6	·	1015.9	·	52	+6	NW	6	-	·	6	·	54	39	·	·	·	·
	Stockholm	·	·	·	·	·	1014.3	·	52	+4	NNW	6	-	·	6	·	55	41	·	·	·	·
	Wisby	1002.9	52	NNW	8	·	1013.0	·	55	0	SE	6	-	·	6	·	59	43	·	·	·	·
	Karlstad	1009.0	64	N	6	·	1022.0	·	52	+4	NNE	2	-	·	2	·	61	43	·	·	·	·
	Petrograd	1000.4	48	E	2	·	1004.8	·	46	+3	ENE	2	-	·	3	·	57	43	·	·	·	·
	Belfort	1015.9	73	W	2	·	1017.1	·	57	-3	E	2	-	·	2	·	81	55	·	·	·	·
6	Jersey	·	·	·	·	·	·	·	·	·	·	·	·	·	3	·	67	60	p	p	p	0.0
	Petrograd	1007.8	48	NW	1	·	1014.4	·	43	-3	·	0	-	·	·	·	54	39	·	·	·	·
	Lyons	1017.6	67	NNW	2	·	1020.7	·	67	+3	N	1	-	·	·	·	74	60	·	·	·	·
	Rome	1016.4	73	·	0	·	1016.6	·	66	+2	N	1	-	·	·	·	81	63	·	·	·	·
	Horta	1014.3	63	WSW	4	·	1014.3	·	63	·	NNE	4	-	·	·	·	73	63	·	·	·	·
7	Jersey	·	·	·	·	·	·	·	·	·	·	·	·	·	2	·	73	63	bm	bm	bmw.c	9.8
	Horta	1019.0	64	NNW	1	·	1020.6	·	63	0	NW	3	-	·	2	·	77	59	c.o	agm	otlr.c	4.8
8	Jersey	·	·	·	·	·	·	·	·	·	·	·	·	·	5	·	77	60	·	·	·	·
	Lyons	1018.0	73	E	2	·	1018.6	·	69	+6	S	1	-	·	2	·	77	63	·	·	·	·
	Madrid	1015.5	72	W	1	·	1017.0	·	61	-5	·	0	-	·	1	·	84	55	·	·	·	·
9	Jersey	·	·	·	·	·	·	·	·	·	·	·	·	·	4	·	73	62	c.bc	c.etr	bc.c	9.0
	Faerder	1017.3	63	W	2	·	1013.2	·	59	·	NNE	2	-	·	2	·	57	43	·	·	·	·
	Petrograd	1008.5	46	NW	1	·	1016.0	·	43	-9	NW	1	-	·	2	·	·	·	·	·	·	·
	Biarritz	1014.4	67	S	1	·	·	·	·	·	·	·	·	·	·	·	77	59	·	·	·	·
	Belfort	1017.7	70	WSW	2	·	1019.0	·	61	-1	·	0	-	·	2	·	75	58	·	·	·	·
	Lyons	1016.3	68	S	2	·	1016.3	·	58	-11	SSW	2	-	·	2	·	77	59	·	·	·	·
	Sanguinaires	·	75	N	2	·	·	·	72	-3	E	2	-	·	2	·	75	60	·	·	·	·
	Madrid	1013.9	75	SW	2	·	1019.4	+2	60	-9	E	2	-	·	2	·	75	58	·	·	·	·
	Lisbon	1019.4	70	WNW	4	·	1020.2	+1	64	0	WNW	2	-	·	2	·	73	60	·	·	·	·
	Rome	1021.5	72	·	0	·	1020.7	·	63	0	NE	2	-	·	2	·	82	63	·	·	·	·
	Horta	1026.1	70	ESE	2	·	1027.9	·	68	-4	N	2	-	·	2	·	75	68	·	·	·	·
10	Funchal	1021.9	73	NE	2	·	1023.0	·	68	-3	N	2	-	·	2	·	75	68	·	·	·	·
	Retrograd	1022.3	48	N	1	·	1028.6	·	43	0	SW	3	-	·	3	·	57	39	·	·	·	·
	Ushant	1006.1	61	N	3	·	1011.8	·	61	·	NW	4	-	·	4	·	66	55	·	·	·	·
	Brest	1005.9	63	NNE	1	·	1011.8	·	59	-2	NNE	2	-	·	2	·	68	57	·	·	·	·
	Rochefort	1012.6	68	SW	1	·	1015.0	·	64	+1	WSW	2	-	·	2	·	73	59	·	·	·	·
	Paris	1013.1	68	SE	2	·	1016.2	·	61	0	S	1	-	·	2	·	73	59	·	·	·	·
	Belfort	1013.2	67	·	2	·	1019.8	·	55	-6	W	1	-	·	2	·	73	52	·	·	·	·
	Lyons	1017.2	58	SW	2	·	1019.8	·	55	-3	SSE	1	-	·	2	·	73	54	·	·	·	·
	Nice	1016.3	64	E	1	·	1018.6	·	64	-7	E	0	-	·	1	·	73	54	·	·	·	·
	Perpignan	1015.7	66	·	0	·	1018.7	·	64	·	·	0	-	·	1	·	73	54	·	·	·	·
	Sanguinaire	·	75	SW	3	·	·	·	72	-4	E	3	-	·	2	·	73	59	·	·	·	·
	Madrid	1014.3	75	SSW	2	·	1017.3	+1	64	-3	ENE	2	-	·	2	·	73	59	·	·	·	·
	Lisbon	1019.4	70	NNW	5	·	1020.6	+1	61	-3	NNW	2	-	·	2	·	73	61	·	·	·	·
	Rome	1019.3	72	S	1	·	1018.1	·	72	+3	SE	1	-	·	2	·	78	63	·	·	·	·
	Horta	1028.8	70	NE	1	·	1030.7	·	68	0	·	0	-	·	1	·	73	68	·	·	·	·

REPORTS FOR SEPTEMBER, 1914.

DATE	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp. °F	Wind Direc.	Wind Force 0–12	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon	Weather. Night.	Sunshine for Yesterday. Hours.
10	Funchal	1022.1	75	N	2	bc	1023.4	+1	68	0	NE	3	N	bc	3	–	77	68	.	.	.	.
	Jersey	.	.	.	.	.	.	.	.	.	.	.	SW	.	3	9	67	61	or.o	o.bc	c.bc	2.7
11	Jersey	.	.	.	.	.	.	.	.	.	.	.	.	.	3	–	67	60	bc	bc.b	b.o	6.7
	Petrograd	1023.5	54	SW	2	o	1018.3	.	52	+9	WSW	1	-	c	.	4	64	54	.	.	.	.
	Ushant	1012.8	59	NW	4	o	1012.8	.	61	0	SW	6	-	c	7	–	.	.	.	.	.	.
	Belfort	1019.9	63	ENE	2	o	1021.2	.	55	0	WSW	2	-	o	.	–	71	53	.	.	.	.
	Rome	1020.4	72	-	0	o	1020.8	.	69	3	N	1	-	o	.	–	82	69	.	.	.	.
	Horta	1031.2	70	SSE	4	bc	1033.6	.	66	-2	NE	3	-	o	.	–	73	66	.	.	.	.
	Funchal	1024.0	75	NE	3	bc	1024.2	.	68	0	NE	3	NW	bc	3	–	79	68	.	.	.	.
12	Petrograd	1012.6	59	WSW	1	o	1012.3	.	50	-2	SW	1	-	o	.	–	64	48	.	.	.	.
	Brest	1018.9	60	NW	5	c	1022.1	.	59	+9	WNW	5	-	o	.	2	66	57	.	.	.	.
	Biarritz	1022.3	68	W	3	c	1025.5	.	66	+2	NW	4	-	o	3	–	70	63	.	.	.	.
	Paris	1012.4	58	SW	3	c	1018.3	.	55	-6	WSW	2	-	o	0	–	76	52	.	.	.	.
	Lyons	1019.1	66	-	0	c	1023.0	.	55	-3	NW	1	-	o	.	3	75	55	.	.	.	.
	Rome	1019.8	79	S	2	c	1015.1	.	72	+9	NW	1	-	o	.	–	81	63	.	.	.	.
	Horta	1033.5	70	SSE	4	bc	1034.0	.	68	+2	NW	2	-	o	.	–	77	68	.	.	.	.
	Jersey	.	.	.	.	.	.	.	.	.	.	.	.	.	3	16	65	56	ogrm.c	c.bc	c	3.8
13	Jersey	.	.	.	.	.	.	.	.	.	.	.	.	.	3	5	63	57	og	ogr	ogp.o	1.8
	Petrograd	1010.6	57	SE	1	r	1007.7	.	54	+4	SE	3	-	o	.	3	70	56	.	.	.	.
	Paris	1014.0	57	SW	4	r	1010.3	.	57	+2	W	3	-	o	.	6	66	54	.	.	.	.
	Belfort	1020.2	55	WSW	4	o	1017.1	.	55	+3	W	3	-	o	.	22	64	52	.	.	.	.
	Perpignan	1021.7	66	NW	4	o	1018.7	.	72	+6	NW	5	-	o	.	–	70	61	.	.	.	.
	Coruna	1025.0	64	NNE	1	o	1027.5	.	63	+6	SE	1	-	o	.	2	68	57	.	.	.	.
14	Jersey	.	.	.	.	.	.	.	.	.	.	.	.	.	3	1	63	58	c.o	o	ogp.o	1.8
	Helder	1008.3	63	W	2	bc	.	.	.	.	.	.	.	.	.	–	.	.	.	.	.	.
	Ushant	1017.3	61	W	6	f	1014.4	.	63	.	W	5	-	o	4	–	63	55	.	.	.	.
	Perpignan	1018.1	73	NW	5	bc	1019.7	.	70	-2	NW	3	-	o	3	–	82	66	.	.	.	.
15	Jersey	.	.	.	.	opg	1018.5	.	.	.	.	.	.	.	.	–	65	56	agrnd	agrnp	op.o	0.3
	Haparanda	1003.1	50	SW	4	o	1002.7	.	50	-2	S	4	-	o	.	–	58	48	.	.	.	.
	Helmosand	1001.5	55	-	0	bc	998.3	.	55	+12	SE	4	-	o	.	–	58	43	.	.	.	.
	Stockholm	1003.3	55	SSW	2	bc	999.3	.	57	+2	SSE	6	-	o	.	–	63	52	.	.	.	.
	Wisby	1005.1	55	S	2	o	1000.3	.	59	+2	S	6	-	o	.	–	61	48	.	.	.	.
	Karlsfad	1000.6	57	SSW	4	o	998.6	.	55	+5	SSE	8	-	o	.	4	61	50	.	.	.	.
	Petrograd	1011.8	55	SSE	2	c	1013.1	.	48	0	SE	3	-	o	.	–	68	46	.	.	.	.
	Ushant	1014.4	62	WNW	4	c	1015.8	.	59	-4	SW	5	-	o	.	–	63	55	.	.	.	.
	Horta	1025.5	71	E	3	bc	1024.7	+2	68	.	-	0	W	o	5	–	75	68	.	.	.	.
16	Jersey	.	.	.	.	.	.	.	.	.	.	.	.	.	3	0.1	64	55	o	og	b.op.o	1.3
	Petrograd	1009.3	63	SSE	2	o	1003.1	.	55	+7	S	3	-	o	.	–	70	48	.	.	.	.
	Nice	1017.9	64	-	0	o	1018.3	.	68	0	-	0	-	o	.	–	75	59	.	.	.	.
	Horta	1022.6	72	SSW	4	o	1020.3	-2	72	+4	SW	2	-	o	3	–	75	68	.	.	.	.
17	Jersey	.	.	.	.	.	.	.	.	.	.	.	.	.	4	12	67	58	bc.o	bc.og	ogr	5.5
	Petrograd	1011.3	55	SW	3	o	1011.8	.	48	-7	SSW	2	S	orgm	2	–	55	46	.	.	.	.
	Ushant	1017.1	59	W	3	o	1010.4	.	64	+5	SW	5	-	o	2	7	64	57	.	.	.	.
	Sanguinaires	.	67	W	2	o	.	.	70	-2	E	2	-	o	.	–	72	59	.	.	.	.
	Madrid	1016.4	82	W	1	o	1021.5	.	70	+2	-	0	-	o	.	–	88	59	.	.	.	.
	Rome	1020.2	70	-	0	o	1018.9	.	59	-2	-	0	-	o	.	–	81	59	.	.	.	.
	Horta	1020.2	72	SSW	5	o	1019.2	.	72	.	SSW	5	-	o	4	–	77	72	.	.	.	.
18	Jersey	.	.	.	.	.	.	.	.	.	.	.	.	.	3	14	64	55	ogrq.o	bc.c	b.o	3.2
	Petrograd	1010.7	54	S	1	o	1005.3	.	61	+13	SE	1	W	o	4	3	61	43	.	.	.	.
	Biarritz	1022.0	70	WNW	3	bc	1021.7	.	66	+1	N	2	-	o	4	–	73	61	.	.	.	.
	Sanguinaire	.	74	N	2	o	.	.	70	0	W	3	-	o	3	–	77	66	.	.	.	.
	Horta	1018.0	73	SSW	6	o	1017.7	.	73	+1	SSW	5	-	o	5	–	77	72	.	.	.	.
19	Jersey	.	56	.	.	.	.	.	.	.	.	.	NW	.	3	7	62	50	c.o	op.o	or.bc	0.0
	Petrograd	1000.4	54	ESE	2	o	1003.3	.	52	-9	SSW	2	-	o	.	–	63	45	.	.	.	.
	Lyons	1018.3	60	-	0	o	1008.0	.	59	+4	SSW	1	-	o	.	–	67	55	.	.	.	.
	Horta	1020.7	73	SSW	5	o	1021.5	.	73	0	SSW	5	-	o	4	–	75	73	.	.	.	.
20	Jersey	.	.	.	.	.	.	.	.	.	.	.	NW	.	3	0.1	62	52	bc.c	bc.b	b.op.bc	3.9
	Verdo	1010.0	41	SW	3	o	1007.4	.	41	+2	NE	3	-	o	.	–	61	45	.	.	.	.
	Paris	.	.	.	.	.	1014.7	.	50	.	W	2	-	o	5	–	70	50	.	.	.	.
	Nice	999.8	71	W	3	o	1007.5	.	54	-16	W	5	-	o	5	–	75	72	.	.	.	.
	Horta	1024.2	73	SSW	5	o	1024.2	.	72	-1	SSW	5	-	o	4	–	77	73	.	.	.	.
21	Petrograd	1000.8	52	SSE	1	o	1001.8	.	46	-4	E	1	-	o	3	10	57	43	.	.	.	.
	Belfort	1013.2	44	N	2	o	1019.9	.	44	-1	W	4	-	o	3	2	49	41	.	.	.	.
	Rome	1010.0	68	-	0	o	1005.7	.	63	+2	-	0	-	o	3	2	77	61	.	.	.	.
23	Petrograd	1015.0	46	SW	2	r	1020.2	.	43	-5	NW	3	-	o	.	–	58	39	.	.	.	.
	Coruna	1020.8	66	NE	1	o	1018.9	.	54	-3	NE	1	-	o	.	–	66	52	.	.	.	.
	Rome	1017.9	59	N	1	o	1018.1	.	50	-2	N	1	-	o	.	–	66	48	.	.	.	.
	Horta	1022.1	72	SW	4	o	1019.8	.	70	.	WSW	3	-	o	.	–	75	68	.	.	.	.
24	Petrograd	1028.0	46	NW	6	c	1030.6	.	37	-6	SW	1	-	o	.	–	58	36	.	.	.	.
	Ushant	1025.3	55	SE	3	c	1025.3	.	54	0	SE	3	-	o	.	–	63	48	.	.	.	.
	Coruna	1017.8	70	NNE	2	o	1016.6	.	63	+9	N	1	-	o	.	–	78	54	.	.	.	.
	Rome	1019.7	61	-	0	o	1018.7	.	52	+2	-	0	-	o	.	–	70	50	.	.	.	.
	Horta	1018.4	72	SW	4	o	.	.	70	.	.	.	.	.	.	–	.	.	.	.	.	.
25	Petrograd	1028.8	48	SW	3	o	1025.0	.	46	+9	SW	2	-	o	.	–	54	39	.	.	.	.
	Belfort	1027.0	52	ENE	3	o	1026.4	.	41	-2	ENE	6	-	o	.	–	59	37	.	.	.	.
27	Petrograd	1012.7	55	SW	3	o	1005.2	.	52	0	SSW	2	-	o	.	–	63	50	.	.	.	.
	Belfort	1026.1	56	-	0	o	1028.0	.	47	+5	WSW	4	-	o	.	–	61	39	.	.	.	.
	Lisbon	1018.9	77	-	0	o	1026.4	.	61	0	NE	1	-	o	.	–	79	54	.	.	.	.
	Rome	1020.8	59	N	1	o	1020.7	.	50	-2	NE	1	-	o	.	–	70	50	.	.	.	.
28	Ushant	1028.2	58	WSW	2	o	1028.2	.	55	-2	WNW	3	-	o	3	–	64	50	.	.	.	.
29	Petrograd	981.6	46	ESE	4	c	978.1	.	43	+4	E	2	-	o	.	–	.	.	.	.	.	.
	Lyons	1021.9	64	E	1	o	1021.9	.	52	+4	NNW	2	-	o	.	–	68	48	.	.	.	.
	Rome	1015.8	63	SW	1	c	1008.7	.	63	+11	NW	1	-	o	.	–	72	52	.	.	.	.

GALES.

Duration and Extreme Force in British Islands.

Additions

15th

Tynemouth 14th 8pm gust 28mps

17th.

Plymouth 17th 6am. 22mps.

Correction

15th

Dungeness 14th 8am-8pm.

—CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb °F.	Temp. Change in 24 hours °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	PAST 24 HOURS. Rain fall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday. Hours.
1	Newquay													by				61				
	London (Kew Obsy)																					10·1
	Pembroke													b								
	Spurn Head													b								
	Dungeness																					7·7
	Tynemouth																			om.c		
5	Roche's Point																					4·2
	Scilly																	43				
	Aberdeen								47	−7												1·3
	Tynemouth																				cq.o	
	London (Kew Obsy)												S									
6	Glasgow																65					
	Valencia																					
	Pembroke								57	−1							66					
	Holyhead																					
	Dover					b													c.bc.b			
	Aberdeen																	53				
	Blaavands Huk																		b.r	bc. b		
7	Eskdalemuir												SW								odrm	
	Roches Point																	57				
	Pembroke																	?				
	Dover																					
	Vardö								41	−2				1°								
	Biarritz																	63				
8	Roche's Point													c								
	Holyhead																	57				
	Portland Bill															0·3						
	Leith																	51				
	Spitsbergen																35					
	Vardö																45					
10	Glasgow															0·2						
	Leith															0·2						
11	Birr Castle															1				c.bcv.bv		
	London (Kew Obsy)																	55				
	Lyons																			cpq.bc		
12	Roches Point																	49				
	Spurn Head																					
	London (Kew Obsy)					bc											59					
	Bodö															4						
13	Stornoway															2						
	Roches Point																					
	Birr Castle				NW																odm.rq.bv	
	London (Kew Obsy)					od														bcp.cq		
14	Glasgow						992·2										52					
	Vardö																	47				
15	Deerness																			cpq		
	Roches Point								55	−6												2·6
	Pembroke																					
	Tynemouth																54					
	London (Kew Obsy)	1002·1																50				
	Bodö																	?				
	Belfort																		b.p.chp	cp.o		
	Perpignan																					
16	Glasgow																63					
	Spurn Head								52	+2												
	Haparanda																				op.b.op	
17	Glasgow																					
	Donaghadee	1002·3																				
	Dover		58																			
18	Newquay															0·1						
	Bath																	51				
	London (Kew Obsy)																				bv.bcq.b	
	Blaavands Huk						975·3														bcb.c.o	
19	Glasgow																					9·0
	Spurn Head																					
20	Castlebay	1016·1															58					
	Valencia																					
	Holyhead								51	−2								68				
	Funchal															0·1						
21	Roches Point										N								bc	bc			
	Jersey																	45				6·9
	Dover																34					
	Tynemouth																	50				9·0
	Spitsbergen																					7·0
22	Gris Nez																31					
	Pembroke																					
	Tynemouth																	50				
	Spitsbergen						1023·1															
	Corunna																					
23	Portland Bill							56														
	Dover																					
24	Malin Head													cam								
	Roches Point		58					−1														
	Pembroke							−1														
	Falmouth																				bm.fe	
	London (Kew Obsy)															0·2						
25	Glasgow																					4·0
	Tynemouth							−1								6						
	Haparanda															0·2						
26	Glasgow																					
	Malin Head													og								
	Nerrquay						1024·9															
	London (Kew Obsy)								40	−6												
	Brest						1023·4															
27	Lerwick																49					
	Castlebay		53																			
	Malin Head					ogq																
	Hernosand																54					
28	Valencia																58					
	Clacton-on-Sea										SW											
	London (Kew Obsy)						974·7		50	+2												
	Karlstad															0·1						
29	Lerwick						1027·6															
	Wick																					4·0
	Tynemouth																	48				
30	Deerness		45															43				
	Stornoway																					
	Wick																					
	Aberdeen												NW									7·3
	Tynemouth																4					
	Horta																					