

METEOROLOGICAL OFFICE.

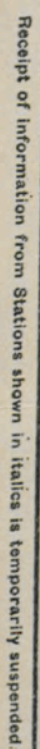
DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE 1915.

Scale 1:2 x 10⁷
Nautical Miles

Statute Miles

The names of the Stations which report by telegraph to the Meteorological Office are printed in capitals.



DAILY WEATHER REPORT. APPENDIX I.

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

SECOND QUARTER, APRIL TO JUNE.

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

STATIONS.	PRESSURE. 1906-1910. 7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910. Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1910. Average Duration. Per Centage of Possible Duration.	
		Means of				Absolute Extremes.							
		1906-1910.		1876-1910.		1876-1910.							
		Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
Sumburgh Head.....	29'844	39'8	38'2	45'9	36'9	59	1901	21	1899	19	2'02	—	—
Stornoway.....	29'865	40'6	39'2	49'1	37'2	67	1893	20	1881	18	2'77	159	37
Castlebay (Barra Isd.)..	[29'876]++	[42'3]++	[40'5]++	[47'2]++	[39'7]++	[54]++	[1908]++	[27]++	[1908]++	[21]++	[3'26]++	[177]++	[42]++
Malin Head.....	29'867	42'3	40'9	[49'4]†	[40'7]†	[67]†	[1900]†	[26]†	[1908]†	[19]†	[1'80]†	—	—
Blackod Point.....	29'914	45'0	43'0	[51'4]†	[41'9]†	[71]†	[1893]†	[29]†	[1897]†	[20]†	[2'85]†	—	—
Valencia.....	29'855	44'9	43'0	53'4	42'5	70	1892	30	1879, 92, 97, 98, 06	20	3'93	159	39
Roches Point.....	29'957	44'2	43'1	52'9	42'2	72	1893	29	1908	16	3'14	—	—
Birr Castle.....	29'940	42'7	41'3	54'0	38'1	73	1893	21	1892	16	2'21	153	37
Donaghadee.....	29'933	41'5	40'1	50'7	40'1	67	1909	28	1908	16	2'07	—	—
Liverpool (Observatory)	29'936	42'3	40'2	52'3	40'1	75	1893	28	1908	14	1'69	[175]++	[42]++
Holyhead.....	29'926	44'1	42'4	51'0	41'4	75	1893	30	1908	15	2'14	—	—
Pembroke (St. Ann's Hd.)	29'929	43'2	42'0	50'3	41'9	70	1893	29	1908	15	2'11	178	43
Scilly (St. Mary's).....	30'066	45'9	44'0	52'6	44'7	66	1893	32	1876	16	2'13	181	44
Jersey (St. Aubin's).....	29'961	46'2	43'9	54'3	43'6	77	1893	32	1876, 92, 00, 03, 08, 10, } [1908]†	15	2'13	193	47
Portland Bill.....	29'938	44'1	42'3	51'7	42'3	[65]†	[1901, 04]†	[30]†	[1908]†	13	1'65	—	—
Dungeness.....	29'922	43'8	42'2	51'5	40'7	67	1901	24	1903	13	[1'34]†	—	—
Dover.....	[29'944]++	[43'9]++	[42'3]++	[52'0]++	[39'6]++	[66]++	[1909]++	[29]++	[1908]++	[15]++	[1'94]++	[200]++	[40]++
Wick.....	29'859	40'3	38'5	49'1	36'7	69	1900	20	1905	18	1'96	—	—
Nairn.....	29'872	39'7	37'5	51'4	36'0	71	1900	18	1908	16	1'45	[144]**	[34]**
Aberdeen.....	29'899	41'3	39'5	49'5	37'6	74	1900	22	1908	18	2'09	157	37
Leith.....	29'904	42'2	40'0	52'2	37'8	73	1900	17	1908	14	1'46	—	—
North Shields.....	29'915	41'0	39'4	49'9	37'7	71	1892	23	1908	15	1'63	—	—
Spurn Head.....	29'909	42'4	41'0	49'2	40'0	[67]*	[1885]*	[30]*	[1881, 89, 03, 05]*	14	1'19	—	—
Yarmouth.....	29'921	42'8	40'7	49'4	39'7	72	1885	25	1878	15	1'61	[206]++	[50]++
Clacton-on-Sea.....	29'936	43'4	41'5	50'7	40'1	[69]†	[1907, 09]†	[29]†	[1903]†	12	1'50	[188]†	[46]†
Nottingham.....	29'937	42'5	39'8	54'1	37'9	79	1876	23	1888	16	1'63	[152]†	[37]†
Bath.....	29'860	42'7	40'9	54'6	38'7	[74]†	[1901]†	[26]†	[1906, 08]†	13	2'17	149	36
Oxford.....	29'865	43'7	41'1	54'9	38'6	80	1893	23	1892	14	1'73	163	37
LONDON { Westminster	29'941	43'0	41'2	[54'9]†	[40'2]†	[72]†	[1907]†	[29]†	[1910]†	[16]†	[1'80]†	121	29
LONDON { Kew.....	29'957	42'5	40'3	54'7	39'5	80	1900, 01, 1893	27	1887, 91	13	1'66	153	37
Sumburgh Head.....	29'904	43'8	42'1	49'9	40'2	63	1895	27	1877	18	1'91	—	—
Stornoway.....	29'893	46'4	44'5	53'3	41'2	75	1908	26	1906	19	2'53	192	37
Castlebay (Barra Isd.)..	[29'940]++	[48'2]++	[46'1]++	[53'7]++	[45'3]++	[70]++	[1908, 10]++	[32]++	[1909]++	[21]++	[2'45]++	[220]++	[44]++
Malin Head.....	29'868	46'9	46'0	[54'1]†	[44'9]†	[73]†	[1908]†	[35]†	1886, 91, 97, 04, } [1910]†	[18]†	[2'10]†	—	—
Blackod Point.....	29'890	49'3	47'5	[55'9]†	[45'9]†	[75]†	[1890]†	[34]†	[1910]†	[19]†	[2'87]†	—	—
Valencia.....	29'915	50'1	48'1	57'6	46'0	74	1884, 95, 97	34	1877, 85, 96	18	3'15	207	43
Roches Point.....	29'938	49'7	48'2	57'7	46'3	73	1896	35	1909	15	2'59	—	—
Birr Castle.....	29'925	50'1	48'0	59'6	42'5	77	1881, 95	28	1877	15	2'29	185	38
Donaghadee.....	29'929	46'8	45'3	55'8	44'0	70	1896	33	1909	16	2'35	—	—
Liverpool (Observatory)	29'946	49'1	46'7	58'0	45'0	80	1895	30	1883	15	1'99	[239]++	[49]++
Holyhead.....	29'927	49'7	48'0	56'8	45'6	74	1895	37	1894, 03, 07, 09	14	1'97	—	—
Pembroke (St. Ann's Hd.)	29'926	48'5	47'3	55'0	45'9	72	1890, 1910	34	1879	14	1'94	219	46
Scilly (St. Mary's).....	30'054	50'2	48'6	56'4	48'2	67	1896	38	1883	13	1'74	231	49
Jersey (St. Aubin's).....	29'976	52'4	49'9	59'5	47'6	78	1908	35	1905, 06	13	1'90	244	52
Portland Bill.....	29'951	49'7	48'1	56'8	46'5	[72]†	[1910]†	[36]†	[1902]†	12	1'47	—	—
Dungeness.....	29'951	50'3	48'7	57'3	46'0	76	1892	30	1892, 02	12	[1'34]†	—	—
Dover.....	[30'034]++	[51'5]++	[49'1]++	[58'9]++	[45'7]++	[77]++	[1909]++	[35]++	[1909, 10]++	[12]++	[1'70]++	[250]++	[52]++
Wick.....	29'897	45'8	43'6	53'8	40'6	71	1891	24	1876	18	2'05	—	—
Nairn.....	29'897	46'4	44'1	56'6	40'9	78	1888	26	1894	16	1'75	[177]**	[35]**
Aberdeen.....	29'923	47'5	45'3	54'6	41'7	75	1902	29	1884, 91	17	2'27	187	37
Leith.....	29'914	48'0	45'6	57'4	42'5	81	1881	27	1883	15	1'83	—	—
North Shields.....	29'932	48'1	46'1	54'5	42'3	73	1903	29	1891, 09	14	1'91	—	—
Spurn Head.....	29'935	49'2	47'2	54'6	45'0	[75]*	[1883]*	[34]*	[1891]*	13	1'61	—	—
Yarmouth.....	29'950	50'2	47'6	55'3	44'9	75	1909	32	1891, 92	14	1'80	[261]++	[54]++
Clacton-on-Sea.....	29'961	50'7	48'4	56'7	45'1	[76]†	[1909]†	[31]†	[1902]†	10	1'38	[231]†	[48]†
Nottingham.....	29'953	49'7	48'0	60'2	42'8	82	1895	25	1879	16	1'95	[174]†	[36]†
Bath.....	29'973	50'9	48'6	61'2	43'8	[79]†	[1884, 1909]†	[29]†	[1902]†	13	2'03	211	44
Oxford.....	29'976	51'9	48'6	60'9	43'7	83	1895	28	1877	13	1'85	195	41
LONDON { Westminster	29'958	51'2	48'6	[62'3]†	[46'7]†	[81]†	[1909]†	[33]†	[1906]†	[12]†	[1'51]†	171	36
LONDON { Kew.....	29'973	50'7	48'0	61'1	44'5	84	1895	30	1877	13	1'76	201	42
Sumburgh Head.....	29'924	48'0	46'7	54'0	44'9	70	1891	33	1888	15	1'71	—	—
Stornoway.....	29'931	51'0	48'9	58'4	46'3	76	1893, 02, 05	31	1888	16	2'42	179	34
Castlebay (Barra Isd.)..	[30'010]++	[51'9]++	[49'6]++	[57'2]++	[49'1]++	[71]++	[1908, 10]++	[44]++	[1908, 10]++	[14]++	[1'94]++	[209]++	[40]++
Malin Head.....	29'947	51'5	50'3	[58'8]†	[49'8]†	[78]†	[1905]†	[40]†	[1902, 07]†	[16]†	[2'16]†	—	—
Blackod Point.....	29'982	53'6	51'7	[60'8]†	[51'0]†	[82]†	[1887]†	[40]†	[1894, 07]†	[17]†	[2'78]†	—	—
Valencia.....	30'014	54'2	52'2	62'2	51'0	81	1887, 02	38	1903	17	3'37	190	39
Roches Point.....	30'016	54'3	52'5	63'0	51'4	80	1876, 87	41	1881	13	3'05	—	—
Birr Castle.....	29'999	54'4	52'3	64'9	48'7	85	1887	32	1881	15	2'45	165	33
Donaghadee.....	29'985	51'4	49'8	60'9	49'2	77	1887	36	1880	15	2'34	—	—
Liverpool (Observatory)	29'994	53'5	51'1	63'7	51'1	85	1878, 93	40	1903, 07	14	2'25	[198]++	[40]++
Holyhead.....	29'986	53'8	52'3	61'2	50'8	83	1878	42	1882	14	2'25	—	—
Pembroke (St. Ann's Hd.)	29'992	52'7	51'4	60'1	51'4	79	1893	38	1888	13	2'04	223	46
Scilly (St. Mary's).....	30'135	54'4	52'6	61'3	53'2	75	1893	41	1888	14	1'76	238	49
Jersey (St. Aubin's).....	30'059	56'7	54'3	64'8	52'9	84	1878, 93	39	1890	12	2'09	239	50
Portland Bill.....	30'004	54'1	52'4	61'9	52'1	[78]†	[1903]†	[43]†	[1903]†	10	1'61	—	—
Dungeness.....	29'987	55'3	53'1	62'8	52'0	77	1878	37	1890, 1, 2, 3, 09	12	[1'56]†	—	—
Dover.....	[29'990]++	[55'8]++	[53'4]++	[63'1]++	[50'4]++	[80]++	[1908]++	[30]++	[1909]++	[14]++	[2'53]++	[207]++	[42]++
Wick.....	29'939	50'3	48'2	58'5	45'4	79	1878	30	1881, 1903	15	1'82	—	—
Nairn.....	29'948	51'5	48'9	62'2	46'5	86	1876	30	1888, 1903	15	1'82	[163]**	[31]**
Aberdeen.....	29'964	52'8	49'9	60'2	47'0	80							

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 91

Thursday
1st April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Direc.	Force 0-12.	Max.	Min.	Morning.	Afternoon.		Night.
BRITISH ISLANDS.																						
	Lerwick	1003.8	40	W	3	c	1004.4	+1	39	+7	WNW	4	-	c	3	4	41	31	sm. sp.	o. sp.	cp	*
	Deerness	1006.1	42	W	7	bcp	1009.8	+	38	+5	WNW	6	NW	bc	5	5	37	32	s. o.	cp. c. bc	bc. b. bc	5.0
	Stornoway	1010.3	46	WNW	6	cpa	1017.2	+5	39	0	NW	5	NW	bcg	4	2	49	38	o. cpa	cpa	bcg. p	8.3
	Castlebay (Barra Isd.)	1013.7	45	W	4	bcp	1019.2	+2	44	+1	W	3	W	c	3	4	48	41	bc. cp	cp. bc	bc. p. c	8.2
	Glasgow	1014.5	44	WSW	3	bc	1019.6	+4	39	+6	W	2	-	bc	*	1	48	33	cp. o. p.	c. o. p.	c. o. p.	2.1
	Eskdalemuir	1015.9	43	WSW	4	c	1020.6	+4	39	+15	SW	2	-	o	*	0.1	46	24	c. o	cp. o. c	o. c. o	3.3
	Main Head	1016.7	44	WNW	4	bcp	1021.5	+2	42	+2	WNW	4	NW	bc	4	2	49	30	bc	bc	bc	8.8
	Blacksod Point	1019.6	45	WNW	3	bc	1024.9	+2	43	+2	W	3	NW	bc	3	1	49	40	bc	bc	bc	*
	Valencia	1022.7	48	WNW	2	b	1027.1	+2	34	-3	NE	1	-	ca	3	1	49	43	bc	bc	bc	9.9
	Roche's Point	1022.1	45	SW	2	c	1027.4	*	38	-1	W	2	-	b	2	1	51	38	bc. c	cpa	b	*
	Birr Castle	1020.7	47	W	3	c	1026.1	*	35	-2	W	2	W	bc	*	-	52	32	c	c	bc. c	3.9
	Donaghadee	1016.3	46	W	3	cpm	1021.8	+2	38	+1	WSW	4	W	bc	2	0.1	51	37	bc	bc	cp. m. bc	*
	Liverpool (Bidston)	1019.0	45	W	3	bc	1023.5	+3	41	+6	WSW	3	W	o	3	-	48	35	bc. o	b	c. o	6.8
	Holyhead	1018.3	45	SW	4	og	1024.0	+2	43	+2	WNW	4	NW	c	3	Trace	50	40	cp. c. bc	bc. c. o	o. bc. b	6.3
	Pembroke (St. Ann's)	1021.9	44	W	2	c	1025.6	+2	44	+8	NNE	1	NE	c	2	-	49	35	bc. m	c	c	11.0
	Scilly (St. Mary's)	1021.6	46	N	3	b	1026.3	+2	45	+6	NW	2	NW	c	3	-	50	39	bc	cp	bc	0.7
	Falmouth	1021.4	44	SE	2	b	1025.4	+2	37	+2	NNW	1	-	bc	2	-	50	34	bc. cp	cp. bc. b	bc	8.4
	Jersey (St. Aubin)	1020.1	45	NE	4	b	1025.5	*	36	-4	NNE	3	-	b	1	-	48	32	b	b	bc. b	9.3
	Portland Bill	1020.5	43	W	1	b	1024.8	+2	44	+8	WNW	1	-	b	2	-	47	36	bc	bc	bc. b	*
	Dungeness	1020.2	41	ENE	2	bc	1024.1	+2	35	+1	-	0	-	bc	0	-	46	32	bc	bc	bc. b	*
	Dover	1021.6	39	SE	1	b	1025.5	+2	40	0	-	0	-	bc	2	-	48	30	bc	bc	bc. b	8.8
	Wick	1009.3	44	W	3	o	1011.5	+4	39	+4	W	4	W	c	4	2	50	34	cp. cp	cp. m	cp. m	*
	Nairn	1010.6	43	W	4	bcp	1016.1	*	42	+4	NNW	5	-	cp	4	1	50	37	cp. bc. d	cp	bc. b	4.0
	Aberdeen	1010.7	47	W	3	bc	1015.3	+4	42	+5	WNW	4	-	b	2	-	52	37	o. c	c. bc	bc. b	3.0
	Leith	1013.1	47	WSW	2	bc	1018.3	+3	41	+5	WSW	3	SW	b	*	-	50	36	c. o. c	c. o. c. bc	bc. b	*
	Tynemouth	1014.8	47	W	2	bc	1019.8	+3	40	+5	WNW	2	NW	bc	3	-	51	35	bc	bc	bc	*
	Spurn Head	1017.7	45	WNW	1	o	1020.5	0	40	+4	WSW	4	NW	bc	4	-	51	34	o. bc	bc. m	bc	5.2
	Yarmouth	1019.9	42	S	4	bc	1023.5	+3	35	-1	W	3	-	bc	2	-	46	33	bc	bc	bc	10.8
	Clacton-on-Sea	1020.5	41	SSW	2	b	1024.1	+2	36	+1	WSW	2	-	bc	0	-	46	34	bc	bc. b	bc. m	11.5
	Nottingham	1018.7	47	NW	3	c	1023.9	*	36	+9	SW	1	SW	bc	*	-	52	26	bc	bc. g. c	c. bc	6.0
	Bath	1020.1	48	W	1	m	1025.0	*	42	+14	-	0	-	m	*	-	52	27	m. b. bc	bc. m	bc. m	8.9
	London (Kew Obs.)	1020.4	44	SE	1	bc	1024.9	+3	33	-1	SW	1	-	bc	*	-	48	30	bc. m	bc. m	bc. m	8.2
	Spitsbergen	999.5	44	ENE	2	b	1001.2	-5	23	+32	E	6	*	b	*	*	23	-11	*	*	*	*
	Isafjord...	998.1	28	SW	4	S	999.5	-1	23	+2	E	2	NW	b	2	?	28	19	*	*	*	*
	Reykjavik	1006.1	28	SW	4	o	1001.9	-2	32	+5	-	0	-	o	4	8	30	27	*	*	*	*
	Vestmanna	1010.9	32	S	8	o	1004.0	-1	39	+9	W	7	-	c	5	8	39	30	*	*	*	*
	Seydisfjord	1011.7	34	SW	3	b	1003.4	-4	37	+10	SW	6	-	m	3	-	37	27	*	*	*	*
	Thorshavn	1013.9	32	W	1	b	1009.0	-3	37	+5	SW	4	-	r	3	-	37	28	*	*	*	*
		1017.5	37	NW	1	b	1016.2	0	39	+2	SW	5	-	m	4	Trace	39	34	*	*	*	*
	Vardö	999.4	27	S	1	o	997.9	-2	25	+2	SW	1	-	o	1	*	27	12	*	*	*	*
	Bodö	998.1	28	SW	4	S	999.5	-1	23	+2	E	2	NW	b	2	?	28	19	*	*	*	*
	Christiansund	1006.1	28	SW	4	o	1001.9	-2	32	+5	-	0	-	o	4	8	30	27	*	*	*	*
	Skudesnaes	1010.9	32	S	8	o	1004.0	-1	39	+9	W	7	-	c	5	8	39	30	*	*	*	*
	Færder (Xania Fjord)	1011.7	34	SW	3	b	1003.4	-4	37	+10	SW	6	-	m	3	-	37	27	*	*	*	*
	The Scaw (Skagen)	1013.9	32	W	1	b	1009.0	-3	37	+5	SW	4	-	r	3	-	37	28	*	*	*	*
	Blaavands Huk	1017.5	37	NW	1	b	1016.2	0	39	+2	SW	5	-	m	4	Trace	39	34	*	*	*	*
	Haparanda	998.9	23	NW	2	o	1003.0	+2	3	-22	SSW	2	-	b	*	5	25	-14	*	*	*	*
	Hernösand	1006.4	28	-	0	b	1007.3	-2	27	+9	-	0	-	c	*	-	34	10	*	*	*	*
	Stockholm	1009.1	30	W	2	b	1012.0	-2	27	+2	S	2	-	o	*	-	34	19	*	*	*	*
	Wisby	1012.0	30	N	2	b	1017.2	0	32	0	SW	2	W	b	*	-	34	25	*	*	*	*
	Karlstad	1011.8	28	W	2	b	1005.6	-11	30	+14	SSW	4	-	S	*	3	30	16	*	*	*	*
	Petrograd	1013.9	41	WSW	1	b	1023.0	+1	43	+6	SW	4	-	b	2	-	45	37	*	*	*	*
	The Helder	1019.9	40	NE	3	b	1024.3	+3	37	+1	S	2	*	b	1	-	48	36	*	*	*	*
	Brussels	1022.6	37	NNE	2	b	1024.5	*	36	0	NE	3	*	b	2	-	43	36	*	*	*	*
	C. Gris Nez	1021.7	43	NNE	3	b	1026.7	+3	37	-2	NNE	2	*	b	2	-	52	34	*	*	*	*
	La Hève	1016.6	42	ENE	4	c	1020.2	+3	37	+4	NE	5	*	r	*	-	50	33	*	*	*	*
	Ushant	1013.6	45	ENE	2	o	1018.3	+3	39	-2	SE	1	*	f	2	9	45	39	*	*	*	*
	Brest (St. Mathieu)	1018.4	43	E	2	b	1024.2	+2	32	0	NE	2	-	b	*	-	50	28	*	*	*	*
	Rochefort (Ile d'Aix)	1019.9	40	NE	3	b	1024.3	+3	37	+1	S	2	*	b	1	-	48	36	*	*	*	*
	Biarritz	1022.6	37	NNE	2	b	1024.5	*	36	0	NE	3	*	b	2	-	43	36	*	*	*	*
	Paris	1021.7	43	NNE	3	b	1026.7	+3	37	-2	NNE	2	*	b	2	-	52	34	*	*	*	*
	Belfort	1016.6	42	ENE	4	c	1020.2	+3	37	+4	NE	5	*	r	*	-	50	33	*	*	*	*
	Lyons	1013.6	45	ENE	2	o	1018.3	+3	39	-2	SE	1	*	f	2	9	45	39	*	*	*	*
	Nice	1018.4	43	E	2	b	1024.2	+2	32	0	NE	2	-	b	*	-	50	28	*	*	*	*
	Perpignan	1019.9	40	NE	3	b	1024.3	+3	37	+1	S	2	*	b	1	-	48	36	*	*	*	*
	Sanguinaire	1022.6	37	NNE	2	b	1024.5	*	36	0	NE	3	*	b	2	-	43	36	*	*	*	*
	Corunna (7 a.m.)	1016.7	48	NE	5	c	1025.1	+4	45	0	SW	1	NE	o	3	1	48	44	*	*	*	*
	Madrid (8 a.m.)	1021.5	64	SW	4	o	1027.1	+2	59	0	SW	2	*	f	2	1	64	59	*	*	*	*
	Lisbon (9 a.m.)	1024.0	64	N	3	o	1028.0	+2	57	0	N	2	N	o	2	-	66	55	*	*	*	*
	Gibraltar	1021.5	64	SW	4	o	1027.1	+2	59	0	SW	2	*	f	2	1	64	59	*	*	*	*
	Rome	1024.0	64	N	3	o	1028.0	+2	57	0	N	2	N	o	2	-	66	55	*	*	*	*
	Azores (Horta, 8 a.m.)	1021.5	64	SW</																		

RAINFALL.

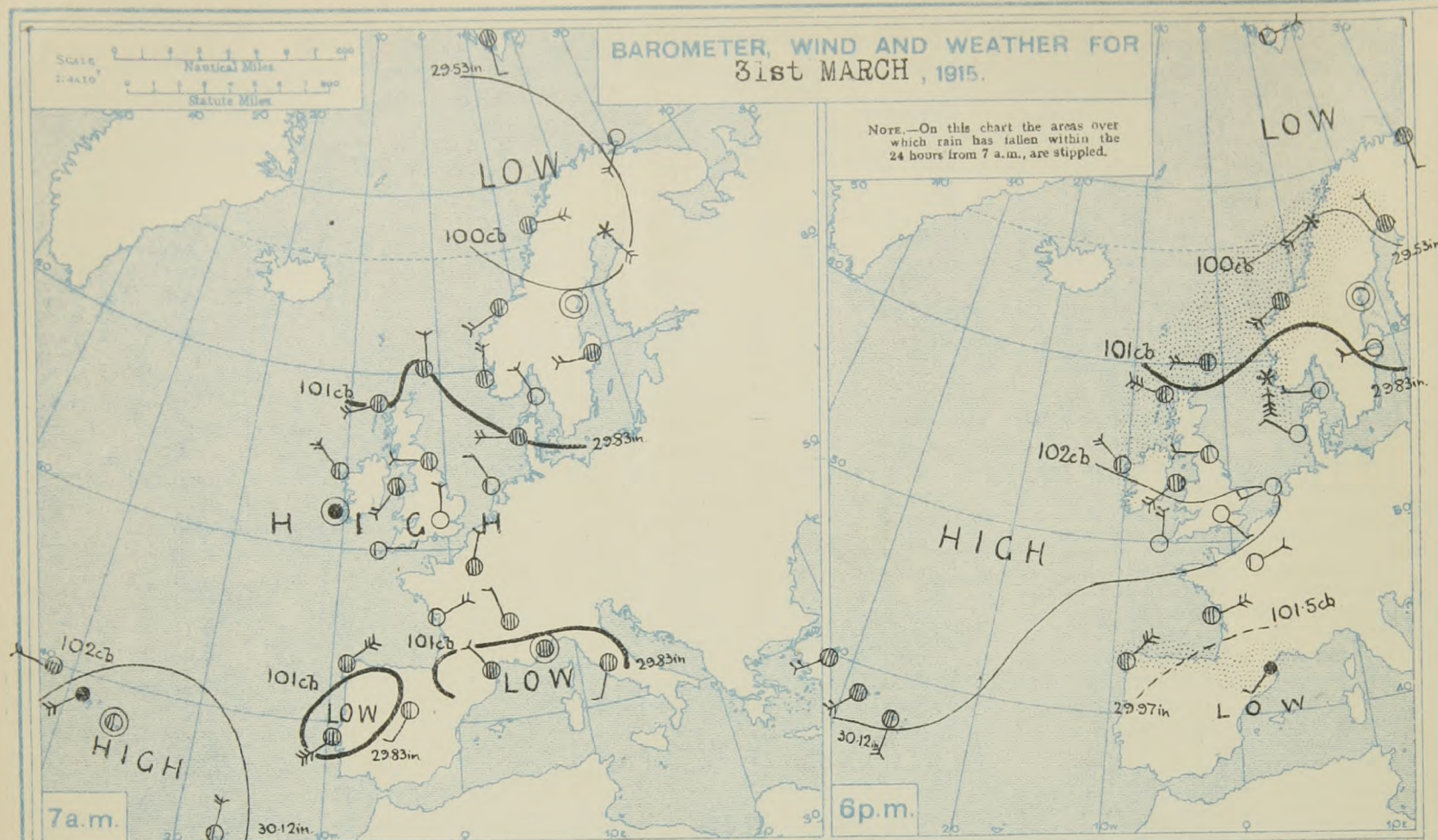
Equivalents of Millimetres.
in Inches.

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

* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



FORECASTS FOR THE 24 HOURS NOON 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 } Moderating North-Westerly and Westerly breezes;
b } cloudy to fine; milder.

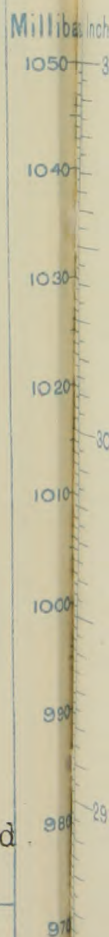
2 {
a }
b }
3 {
a }
b }
4 {
a }
b }
5 {
a }
b }
6 {
a } Westerly breezes, mostly light; fine generally,
b }
7 {
a } local mist; warmer.
b }

8 {
a }
b }
9 {
a }
b }
10 {
a } Light to moderate Northerly and North-Easterly
b } breezes; sea slight to moderate; fine generally, mist; cold.

FURTHER OUTLOOK.

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

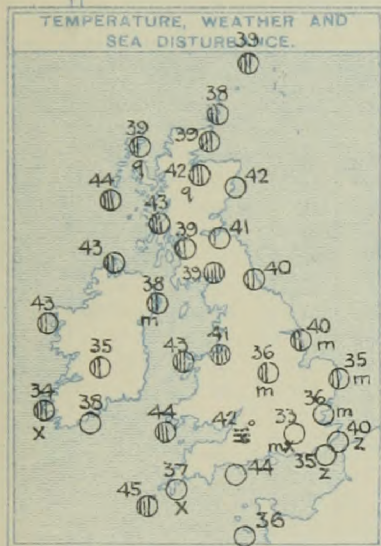
W. N. SHAW, Director



SYNOPTIC CHART FOR 7 a.m. THURSDAY, 1st APRIL, 1915.

GENERAL INFERENCE.

The pressure distribution now favours a warmer Westerly type of weather.

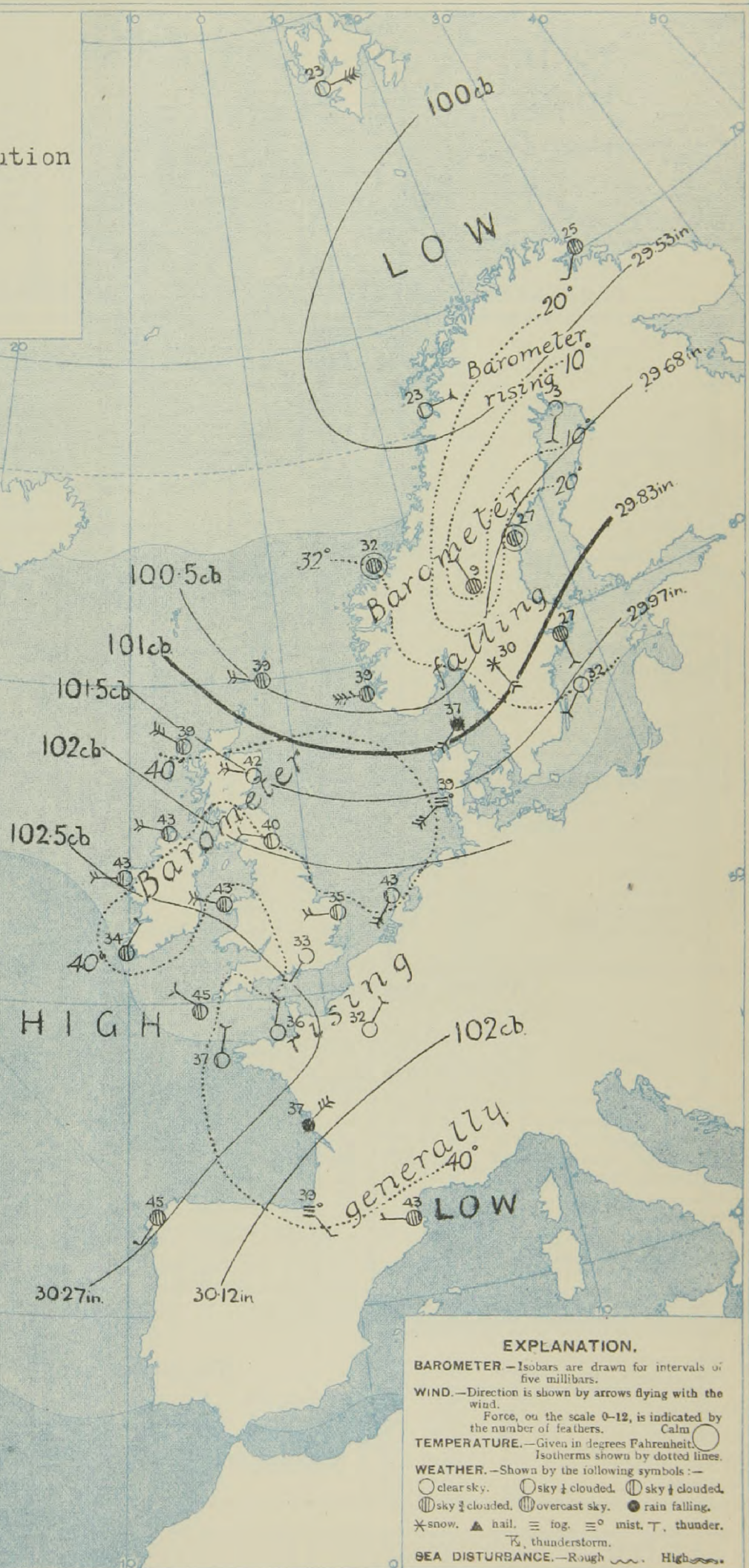
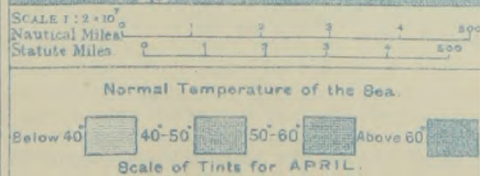


Miles. Inches.

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 1/2 clouded. ○ sky 3/4 clouded.

⊙ sky 3/4 clouded. ⊙ overcast sky. ● rain falling.

* snow. ▲ hail. ☼ fog. ☼ mist. ⚡ thunder.

☼ thunderstorm.

SEA DISTURBANCE.—Rough. High.

DAILY WEATHER REPORT.

Thursday, 1st April, 1915.

REPORTS
FOR
YESTERDAY.

31st March 1915.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	mm. §	° F.	° F.			Hr.	Tunbridge Wells ...	mm. §	° F.	° F.			Hr.
Oban ...	—	48	30	b	bc	5.7	Margate ...	—	48	20	b	b	9.7
Banff ...	—	50	34	bc	bc	3.1	Ramsgate ...	—	44	37	c.b	b	8.3
St. Andrews ...	—	51	28	*	*	5.7	Folkestone ...	—	43	36	bc	bc	8.4
Eng. N.E.							Hastings ...	—	46	35	c.bc	bc.b	9.7
Harrogate ...	—	49	29	b.bc	bc.b	9.3	Bexhill-on-Sea ...	—	46	32	b.bc	b	7.2
Scarborough ...	—	51	29	b.bc	o	7.5	Eastbourne ...	—	45	30	b	b	8.6
Skegness ...	—	51	29	b.bc	o	7.5	Seaford ...	—	48	32	b	bc.b	9.6
Eng. N.W.							Brighton ...	—	50	32	b	b	9.2
Morecambe ...	—	48	29	b.bc	bc	6.4	Worthing ...	—	50	33	b.bc	bc.b.bc	9.6
Blackpool ...	—	48	28	cgm.c	bc.b	5.4	Littlehampton ...	—	49	30	bc	b	11.2
Southport ...	—	48	25	o.c.bc	b	5.5	Bognor ...	—	45	31	b	b	9.3
Midlands.							Southsea ...	—	47	31	b	b	10.4
Buxton ...	—	48	23	bc	bc	6.6	Bournemouth ...	—	49	29	b	b	11.0
Leamington Spa ...	—	52	23	m.bc	bc.m	7.5	Weymouth ...	—	49	31	b	bc	10.7
Malvern ...	—	51	30	bc	c	8.5	Torquay ...	—	48	31	b	bc.c.o	9.6
Ross-on-Wye ...	—	53	23	bm.b	b.bc.c	6.5	Paignton ...	—	48	31	b	b	9.1
Wales.							Falmouth ...	—	50	31	b.c	cg.b	8.3
Rhyl ...	—	49	28	bc	bc	5.2	Penzance ...	—	53	32	b	b	9.1
Colwyn Bay ...	—	49	29	bc	bc	4.5	Newquay ...	—	47	26	b	b	9.0
Llandudno ...	—	50	37	c	c	3.3	Ilfracombe ...	—	48	31	b	b	9.6
Aberystwyth ...	—	47	30	c.b	b.bc	9.0	Weston-super-Mare ...	—	48	29	b	b	9.5
Tenby ...	—	53	27	b	bc	9.5							
Swansea ...	—	54	30	b.bc	c	6.4							
England.													
Cromer ...	—	50	36	b.bc	bc.c.o.c	10.2							
Lowestoft ...	—	46	34	b.bc	bc.b	11.0							
Felixstowe ...	—	32	32	bc	bc	11.0							
Walton-on-Naze ...	—	47	31	bc.b	b	10.9							
Southend-on-Sea ...	—	47	31	b.bc	bc.b	9.1							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
						24 HOURS ENDED 9 A.M. TO-DAY.				
Greenwich (Royal Obsy.) ...	54	68	8.8	49	31	20	—	b	b bc	bc bc
City (Bunhill Row) ...	*	*	7.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	55	76	5.5	49	30	20	—	bc	bc	bm
Camden Sq. (Brit. Rainfall)	56	71	8.0	52	31	25	—	b	b bc	*
Hampstead (Reservoir) ...	*	67	10.3	48	30	20	—	bc	bc	b mce
Richmond Park	*	*	6.4	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	53	66	8.0	1012 Joules		22.0 Milliwatts.		50 Milliwatts.		

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

1st and 2nd April, 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.30	11.57	6.24
Greenwich ...	5.28	11.57	6.24
Wick ...	5.36	12.4	6.30
Valencia ...	5.42	12.16	6.50
	5.40	12.16	6.52
	6.10	12.45	7.11
	6.17	12.48	7.18

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

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	0.3	50	37	24	c.op	c
Darwen to 9 p.m.	—	46	30	25	bc	bc
Manchester "	—	48	28	—	o.c	o.c.bm
Birmingham "	—	51	30	15	b	b
Oxford to 9 p.m.	—	—	—	—	—	—
Teignmouth to 9 p.m.	—	49	33	30	b	b
Plymouth "	—	—	—	—	—	—
S. Kensington (Museum Grounds to 6 p.m.)	—	49	34	24	bc	bc

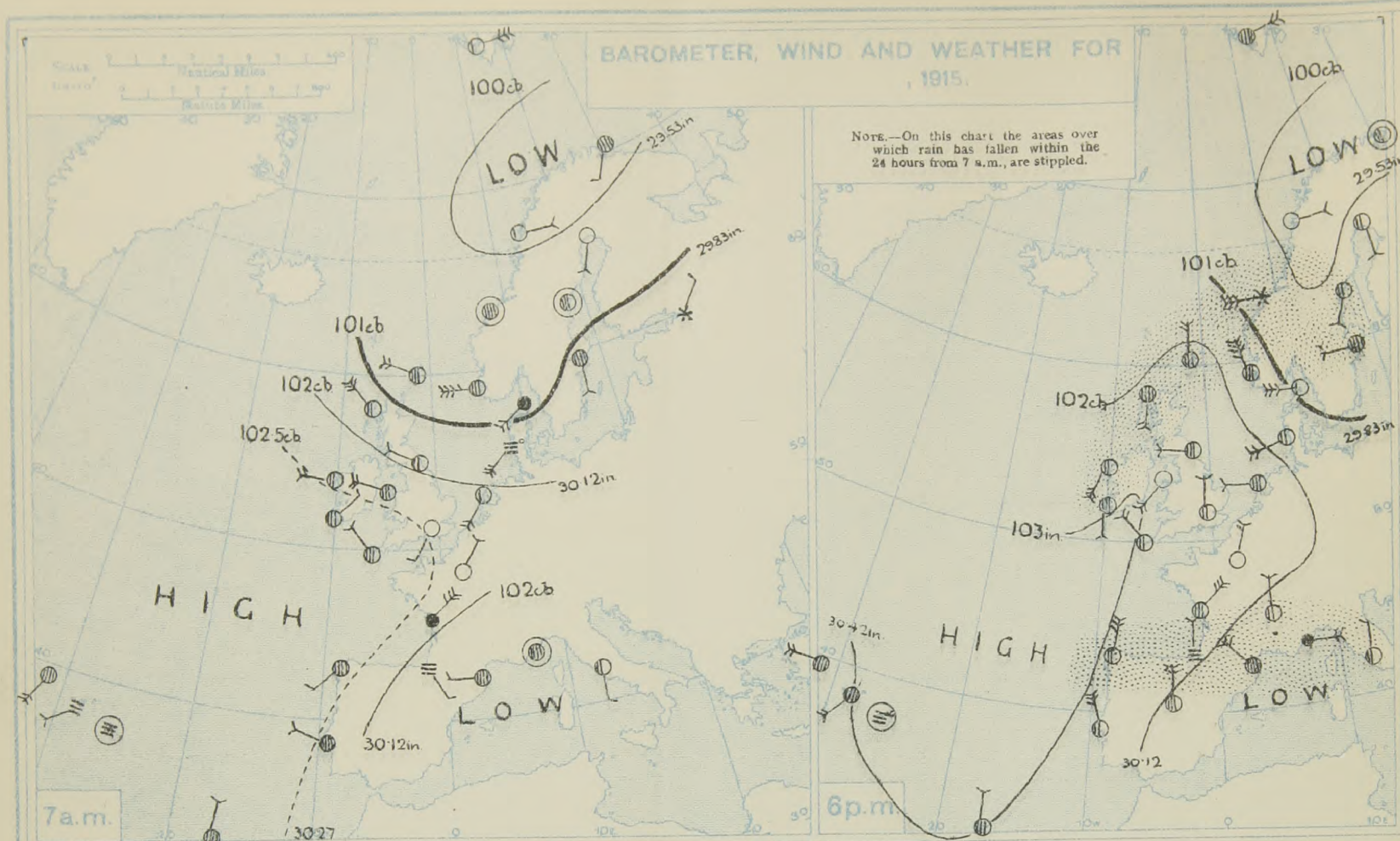
NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 50° and upwards in many
places, to 54° at Swansea. Rain or snow showers fell
in the northern districts. Sunshine records were
large generally, up to 11 ½ hours at Clacton.The Daily Weather Report is sent free by post to any address in the
United Kingdom on payment of £1 per annum, for postage and wrappers.
Single copies 1d. at M.O. and at the bookstalls at certain Railway
Termini in London.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 92

Friday
2nd April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Vester- day. Hours.	
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Dirac.	Force 0-12.						Dirac.	Force 0-12.					Max.	Min.	Morning	Afternoon.	Night.		
BRITISH ISLANDS.																							
	Lerwick ...	1020.8	32.	MMW	3	c	1014.3	-6	35	-4	SSE	3	-	omgd	?	1	40	30	ca	ca	ca sp	*	
	Deerness ...	1022.7	33	NW	4	c	1011.5	3	41	+3	S	5	-	o	3	1	43	32	bc	bc	c. d	5.6	
	Stornoway ...	1021.8	40	SSE	3	op	1006.4	-12	43	+4	S	7	-	org	6	3	45	39	cp	op	cap	1.2	
	Castlebay (Barra Isd.)	1022.3	47	SW	3	g	1007.5	-8	45	+1	SSE	6	-	r	6	4	48	42	c. bc	bc. d	c. bc. or	5.7	
	Glasgow ...	1024.2	46	SW	2	c	1017.2	-8	42	+3	SSW	3	SW	o	*	0.2	50	39	cp. bc	cp. bc. c	c. bz. o	6.8	
	Eskdalemuir ...	1024.5	44	W	4	c	1020.0	-6	39	0	S	5	-	o	*	0.1	51	29	cp. c	c. d	c. o	7.1	
	Malin Head ...	1024.7	46	WSW	4	bc	1009.7	-12	41	-2	SW	8	SW	orm	7	2	48	40	bc	bc	omr	9.1	
	Blacksod Point	1025.3	46	SSW	5	bc	1012.8	+2	49	+6	WSW	6	W	emp	5	4	51	40	bc	bc	omr. omr	*	
	Valencia ...	1025.1	49	S	2	c	1020.0	-4	49	+15	SSW	4	-	om	4	5	52	35	bcw	bcw	cwr	8.6	
	Roche's Point	1020.3	47	SW	2	c	1023.6	*	51	+13	SW	4	-	r	4	0.4	52	38	bc. ca	bc. c	b. or	*	
	Birr Castle ...	1021.5	50	W	1	c	1018.9	*	45	+10	SSW	3	-	r	*	1	53	34	c. d	c. c	c. or	6.2	
	Donaghadee ...	1025.5	47	W	3	ca	1017.1	-8	43	+5	SW	4	-	org	3	Trace	52	38	bcw	bcw	bcw. fg	*	
	Liverpool (Bidsion)	1021.1	46	W	2	b	1024.4	-5	42	+1	SSW	3	SW	c	2	-	49	40	bc	b	bc. d	7.3	
	Holyhead ...	1027.1	48	SW	4	bc	1023.2	-4	44	+1	SSW	5	SW	c	4	-	53	44	c. bc	b. bc. d	b. d. bc	7.5	
	Pembroke (St. Ann's)	1029.3	44	W	1	bc	1026.9	-3	44	0	SSW	4	SW	c	4	-	49	42	c	c	bc	11.3	
	Silly (St. Mary's)	1029.7	47	NW	3	bc	1029.1	-3	46	+1	SW	4	W	or	3	-	53	43	bc	bc	bc	10.1	
	Falmouth ...	1028.1	47	NW	3	b	1029.2	-2	38	+1	SSW	3	SW	bc	3	-	54	37	b. bc. b	b. bc. b	bc. bc.	10.6	
	Jersey (St. Aubin)	1027.3	48	NW	3	b	1030.4	*	44	+8	WNW	3	-	bm	1	-	51	35	b	b	bmw	11.8	
	Portland Bill ...	1027.1	46	NW	2	bc	1029.3	0	43	-1	NW	2	-	b	2	-	51	40	b. bc	bc	b	*	
	Dungeness ...	1026.5	45	SW	2	c	1029.3	+1	40	+5	NW	2	N	b	2	-	49	34	bc. b	b. bc. c	bc. bc.	*	
	Dover ...	1026.6	48	-	0	o	1028.5	0	?	-2	NW	2	-	bg	2	-	49	36	g. b	bcw. c. d	c. bc. b	7.4	
	Wick ...	1022.9	36	NNW	2	c	1011.2	-10	42	+3	S	5	-	o	4	1	42	33	cp. omg.	omg. c	cp. og	*	
	Nairn ...	1023.2	38	NE	1	r	1011.2	*	43	+1	SW	1	-	ca	2	0.4	47	34	cp. bc	bc.	d. cp.	1.2	
	Aberdeen ...	1023.7	41	N	2	o	1015.6	-7	40	-2	SSE	2	W	o	3	1	47	36	bc. d	o	odp. d	3.6	
	Leith ...	1022.8	51	WSW	2	c	1017.3	-7	44	+3	SSW	3	-	o	*	-	54	40	b. bc. c	c. bc. c	c	*	
	Tynemouth ...	1023.0	49	W	2	cm	1021.6	-3	40	0	SW	3	-	bc	3	-	51	32	bc	c	cm	*	
	Spurn Head ...	1025.9	42	NNW	3	o	1027.3	0	41	+1	WSW	3	-	cm	4	-	50	39	a. bcw	om	o. cm	3.3	
	Yarmouth ...	1026.4	46	S	2	om	1027.9	0	38	+3	W	2	-	cm	1	-	52	34	bcw. om	om	om. c	2.5	
	Clacton on Sea	1026.2	50	N	2	em	1028.5	0	40	+4	W	2	W	em	1	-	53	35	b. bc. em	cm	c. bc. em	5.9	
	Nottingham ...	1026.6	48	NW	2	c	1026.8	*	34	-2	WSW	1	SW	bm	*	-	49	31	bc. om	o. cm	c. bm	1.1	
	Bath ...	1026.9	50	W	1	o	1029.1	*	30	-12	W	1	-	m	*	-	55	27	m. c. bc	c. c	o. bc. bm	2.3	
	London (Kew Obsy.)	1028.3	49	N	2	bc	1029.0	0	36	+3	-	0	-	om	*	-	53	32	bmw. bm	c. bc	bc. om	4.0	
	ICELAND, FAEROE, &c.	1005.9	21	E	4	o	1007.7	-2	18	-5	ESE	6	*	o	*	*	23	14	GALES.				
	Spitsbergen	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Duration and Extremes Force in British Islands.			
	Isafjord ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Stornoway.			
	Reykjavik ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2nd 7 a.m. Squalls S 8			
	Vestmanna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Malin Head			
	Seydisfjord ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2nd 4 a.m. - 7 a.m. SW 8			
	Thorshavn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Aberdeen			
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1st 11 a.m. Squall NW 18 mps			
	Vardö ...	998.9	19	-	0	bc	997.3	0	25	0	W	2	-	bc	3	*	25	19					
	Bodö ...	999.8	23	E	2	b	1001.6	+1	23	0	E	2	-	b	1	-	30	18					
	Christiansund	1009.0	28	W	6	s	1009.5	0	30	-2	NW	8	-	o	5	12	32	25					
	Skudesnaes ..	1016.7	34	NNW	7	c	1020.0	0	34	-5	WNW	4	-	s	4	?	41	30					
	Færder (X'lantia Fjord)	1005.0	39	WNW	7	b	1017.5	+1	32	-5	W	6	NW	b	3	-	41	30					
	The Scaw (Skagen)	1008.3	39	W	6	b	1019.9	+3	36	-1	NW	5	-	bc	4	Trace	45	32					
	Blaavands Huk	1019.7	39	WSW	4	bc	1024.8	+1	37	-2	NW	2	-	c	3	-	41	36					
	Haparanda ...	1004.0	16	S	2	bc	1003.6	0	14	+11	SW	2	-	c	*	-	19	3					
	Hernösand ...	1003.3	27	SSW	2	bc	1004.2	+1	27	0	N	2	-	o	*	Trace	32	21					
	Stockholm ...	1001.2	26	W	2	o	1009.1	+5	25	-2	WNW	4	-	b	*	3	36	23					
	Wisby ...	1007.1	37	SSW	8	o	1013.5	+6	30	-2	NW	6	-	b	*	-	39	30					
	Karlstad ...	1003.1	34	-	0	o	1016.0	+5	25	-5	W	2	-	b	*	2	43	19					
	Petrograd (8 a.m. G.M.T.)	1015.8	23	S	1	o	1001.2	+1	28	+9	S	3	-	s	*	2	32	19					
	The Helder	1025.1	43	W	2	c	1026.9	0	44	-2	SSW	2	-	c	1	-	46	36					
	Brussels ...	*	*	*	*	*	...	...	...	...	...	...	...	...	...	...	...	...
	C. Gris Nez ...	1025.6	43	SW	3	c	1028.3	+1	41	+4	SW	1	*	m	0	-	48	37					
	La Hève ...	1025.6	41	N	1	bc	1029.9	*	37	+1	WSW	2	*	f	2	-	48	36					
	Ushant ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brest (St. Mathieu)	1029.9	50	N	4	b	1032.3	0	45	+8	NW	2	*	b	3	-	50	37					
	Rochefort (Ile d'Aix)	1022.7	49	NE	5	c	1029.5	+3	40	+3	NW	4	*	b	*	-	54	37					
	Biarritz ...	1021.5	43	N	2	f	1028.8	+4	48	+9	N	4	*	b	4	10	45	39					
	Paris ...	1024.3	48	NNE	2	b	1029.2	+2	36	+4	NNE	2	-	b	*	-	50	32					
	Belfort ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyons ...	1019.4	48	N	2	bc	1025.0	*	37	...	N	3	*	bc	*	-	54	35					
	Nice ...	1018.1	45	E	4	r	?	0	52	+3	E	4	*	o	4	29	57	43					
	Perpignan ...	1017.0	46	NW	3	o	1021.6	+2	46	+3	NW	4	N	o	*	1	61	43					
	Sanguinaire ...	1015.1	53	SW	3	f	1016.7	*	51	-3	E	2	*	m	3	4	59	46					
	SOUTHERN EUROPE.	Corunna (7 a.m.)	1029.1	50	NNE	5	bc	1026.0	+5	41	-4	S	1	N	m	2	1	52	39				
	Madrid (8 a.m.)	1019.1	46	N	4	c	1027.4	+4	43	...	NNE	3	-	bc	*	?	46	36					
	Lisbon (9 a.m.)	1026.1	52	NNW	5	bc	1029.0	+1	45	-1	NNW	4	-	b	5	-	54	45					
	Gibraltar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rome ...	1019.1	57	N	1	bc	1018.1	0	57	+2	SW	1	-	r	*	7	64	54					
	Azores (Horta, 8 a.m.)	1030.0	*	SW	3	o	1033.2	+1	60	+1	SSW	4	*	o	2	-	64	59					
	Madeira (Funchal)	1030.0	63	N	2	c	1032.8	+2															



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 4.30 am today.
in Districts 0, 1, 6 & 9.

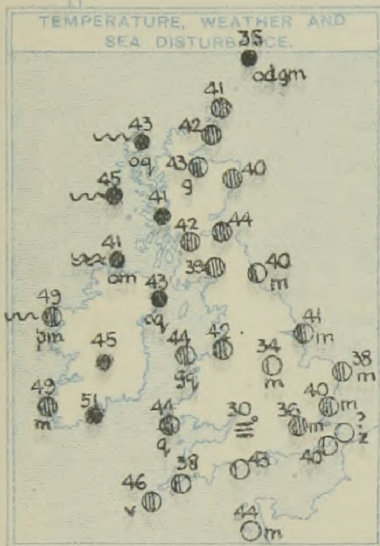
Western Channel and Bay 11

- | | | |
|----|------------|---|
| 0 | a }
b } | Squally Southerly and South-Westerly winds, strong to a gale at times; unsettled, some rain, moderate temperature |
| 1 | a }
b } | Southerly and South-Westerly breezes, fresh at times locally; changeable, some showers, misty in places; moderate temperature |
| 2 | a }
b } | |
| 3 | a }
b } | Light to moderate breezes between NorthWest and SouthWest, fair to cloudy, misty in places, moderate temperature |
| 4 | a }
b } | |
| 5 | a }
b } | |
| 6 | a }
b } | Same as No. 0 |
| 7 | a }
b } | |
| 8 | a }
b } | Same as Nos. 1 and 2 |
| 9 | a }
b } | Same as No. 0 |
| 10 | a }
b } | Same as Nos. 1 and 2 |
| | | South-Westerly to North-Westerly winds, fresh at times; sea rather rough; considerable Westerly swell; fair to fine, some showers and mist moderate temperature |

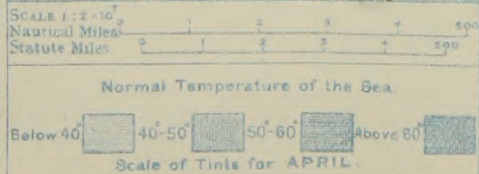
FURTHER OUTLOOK.

GENERAL INFERENCE

Unsettled in the north and west, very little change in the south-east.



Scale of Tints for APRIL.



LOW

HIGH

LOW

LOW

EXPLANATION.

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

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

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

WEATHER.—Shown by the following symbols:—
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.
⊙ sky 3/4 clouded. ⊙ overcast sky. ● rain falling.

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

SEA DISTURBANCE.—Rough. High.

Friday, 2nd April 1915.

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

Additional Observations for Yesterday.

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 54° or 55° at a number of stations. Showers fell in the north and west. Bright sunshine varied greatly, from less than an hour at Buxton to nearly 12 hours at Jersey.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 93.

Saturday
3rd April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Vester- day.
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-2.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
			° F.				° F.	° F.								° F.	° F.				Hours.		
BRITISH ISLANDS.	Lerwick	1004.1	42	S	3	om	1004.1	0	43	+8	SW	1	-	om	3	44	34	om	om	om	0.5		
	Deerness	1004.7	45	W	5	b	1005.1	-7	43	+2	SSW	4	NW	b	3	46	32	o.r	r.e.b.	bc.c.b.c	3.0		
	Stornoway	1007.9	48	W	5	cap	1001.5	-7	44	+1	S	7	-	odg	6	51	41	cap	cap	c.odg	5.3		
	Castletown (Barraisd.)	1010.6	48	WSW	3	em	1002.8	-6	46	+1	S	5	-	r	5	50	44	r.o.bj	bj.o.cm	cm.or	1.4		
	Glasgow	1012.6	47	W	4	bc	1010.6	-3	43	+1	SW	3	-	od	4	48	40	opg	sp.c.be	bc.c.op	3.2		
	Esksdalemuir	1012.7	44	W	5	bc	1012.3	-3	44	+2	S	3	-	or	15	49	38	a.c.or	b.c	om.rg	7.0		
	Malin Head	1014.6	47	W	6	bcu	1005.8	-6	46	+5	S	5	-	om.rg	4	49	40	bcu	bcu	om.rg	5.2		
	Blackod Point	1022.3	48	WSW	4	cd	1008.3	-4	49	0	WSW	6	W	omr	4	52	45	bcu	cd	cp.omr	0.0		
	Valencia	1022.3	50	WSW	3	bcg	1014.5	-3	52	+3	SSW	4	-	om	5	54	47	cm	c.bm	bcu.d	0.0		
	Roche's Point	1022.3	50	NW	3	o	1016.3	-2	51	0	WSW	3	-	b	3	56	46	d.o.c	c.o	odm	0.0		
	Birr Castle	1024.5	50	W	5	c	1012.4	-2	52	+7	SW	3	-	r	4	55	44	or.c	c	c.or	4.8		
	Donaghadee	1015.2	48	WSW	4	bcap	1010.2	-5	43	0	SW	4	-	omr	3	54	41	bcap	bcap	cg.omr	0.0		
	Liverpool (Bidston)	1016.8	48	W	5	c	1016.0	-1	43	+1	SW	3	SW	r	3	51	42	or	bcu	or	1.8		
	Holyhead	1017.9	50	WSW	4	ogm	1014.4	-5	43	-1	SSW	4	-	omr	4	52	43	or.d.of	odp.be	b.c.or	1.7		
	Pembroke (St. Ann's)	1020.4	46	WSW	4	o	1017.3	-4	46	+2	SW	4	-	omr	4	47	44	cg	og.bcm	og	0.0		
	Scilly (St. Mary's)	1024.4	49	W	5	om	1021.0	-2	48	+2	SW	4	-	fe	5	50	46	cm	omr	om.fe	0.0		
	Falmouth	1023.2	49	W	4	o	1020.6	-4	47	+9	SW	5	-	o	4	49	38	bc.c.og	dg.vg.o	o.b.o	0.3		
	Jersey (St. Aubin)	1027.4	48	SW	4	og	1022.5	0	47	+3	W	3	W	cm	3	50	43	b.o	c.c.og	om.d.cm	5.6		
	Portland Bill	1022.2	45	SW	5	od	1019.8	0	46	+3	W	4	-	om	3	47	42	bc	c.or	om	0.0		
	Dungeness	1023.1	46	SW	5	og	1018.8	-1	43	+3	WSW	3	-	og	3	49	39	bc.om	m.og	p.c.b.c.o	0.0		
	Dover	1022.0	44	SW	6	r	1018.9	0	45	?	NW	2	-	o	2	51	42	b	c.or	r.o	5.9		
Wick	1006.2	46	W	3	c	1006.0	-3	42	0	SW	3	SW	o	3	49	38	om.rg	sp.c	bcu.om	2.6			
Nairn	1008.7	49	W	3	cap	1005.6	-2	46	+3	SW	1	-	cg	2	52	40	cp.bca	p.r.og	bc.c	1.8			
Aberdeen	1008.4	49	WSW	3	bc	1008.4	-2	43	+3	SSW	3	NW	c	2	52	37	ogp.o	e.b.c	bc.c	0.0			
Leith	1011.0	51	W	3	bc	1010.3	-2	46	+2	SSW	2	-	o	1	53	42	or.c	e.b.c	b	0.0			
Tynemouth	1011.7	49	NW	2	bc	1012.9	-2	45	+5	WSW	3	-	om	3	51	40	omr	bcu	og	0.2			
Spurn Head	1015.6	45	SW	5	c	1016.0	0	42	+2	WSW	5	-	om	5	49	39	c	c.or.c	bc	0.0			
Yarmouth	1012.9	44	SW	3	omr	1016.7	0	42	+4	W	2	-	om	1	54	37	cm	cmr	bc.om	4.1			
Clacton-on-Sea	1020.8	47	SSW	4	ogp	1018.2	0	43	+3	W	2	-	og	1	49	40	c.om	ogp	og.e.b.c	3.5			
Nottingham	1017.3	46	WSW	2	o	1017.5	-2	43	+9	SW	1	SW	r	2	48	33	bc.or	r.o.c	a.c.b	1.4			
Bath	1021.1	46	W	3	r	1020.3	0	45	+15	W	1	W	o	1	50	30	m.b.c.o	or.d	d.or	1.8			
London (Kew Obsy.)	1021.0	45	SW	4	r	1019.3	0	42	+6	WSW	2	-	orm	1	52	26	om.c.m.o	o.or	or.o.orm	3.2			
ICELAND, FAEROE, &c.	Spitsbergen												*	*	*			GALES.					
	Isafjord												*	*	*			Duration and Extreme Force in British Islands.					
	Reykjavik												*	*	*			Esksdalemuir.					
	Vestmanna												*	*	*			2nd 10 a.m. SSW 8.					
	Seydisfjord												*	*	*			Malin Head					
	Thorshavn												*	*	*			2nd 7 a.m. - 3 p.m. SW 8					
NORTHERN EUROPE.	Vardö	998.1	28	W	2	o	1001.7	0	28	+3	W	2	-	bc	2	28	16						
	Bodö	1003.7	21	E	2	b	1007.0	+1	24	-2	E	4	M	b	2	28	14						
	Christiansund	1011.3	32	W	3	c	1010.3	0	28	-2	E	1	-	b	4	32	25						
	Skudesnaes	1010.0	44	S	4	o	1006.9	-1	39	+5	S	5	-	m	4	41	34						
	Færder (X'antafjord)	1014.6	34	SSW	2	r	1008.4	-1	36	+4	NNE	1	-	f	1	37	32						
	The Scaw (Skagen)	1017.2	?	SSW	2	o	1010.0	-2	37	+1	SSW	2	-	o	2	41	34						
	Blaavands Huk	1018.4	39	SSW	3	o	1009.7	0	39	+2	SSW	2	-	m	2	41	36						
	Haparanda													*	*	*							
	Hernösand													*	*	*							
	Stockholm													*	*	*							
FRANCE, &c.	Wisby													*	*	*							
	Karlstad													*	*	*							
	Petrograd (G.M.T.)													*	*	*							
	The Helder	1019.8	45	S	4	o	1014.7	+2	43	+2	W	3	NW	bc	3	48	41						
	Brussels													*	*	*							
	C. Gris Nez	1022.7	44	SW	6	o	1018.0	0	43	+2	W	4	-	o	3	48	45						
	La Hève	1023.5	43	WSW	3	r	1020.6	-2	45	+8	W	4	-	c	3	48	37						
	Ushant	1026.1	50	SW	5	f	1024.7	-2	50	+3	WSW	4	-	o	4	52	45						
	Brest (St. Mathieu)	1028.4	48	WSW	5	f	1024.8	-2	48	+3	WSW	4	-	o	4	50	39						
	Rochefort (Ile d'Alx)	1031.1	46	NW	5	o	1026.3	-3	46	+6	WSW	4	-	f	1	52	39						
SOUTHERN EUROPE.	Biarritz	1032.2	51	NW	3	b	1030.0	-2	48	0	SW	3	-	o	2	55	46						
	Paris	1026.1	52	WSW	1	o	1021.9	-1	46	+10	WSW	2	-	o	2	57	36						
	Belfort													*	*	*							
	Lyons	1026.3	49	N	2	b	1027.3	-1	42	+5	-	0	-	o	1	54	37						
	Nice	1021.0	49	-	0	c	1029.8	-1	49	-3	-	0	-	b	3	61	46						
	Perpignan	1024.7	54	NW	5	b	1025.6	-2	48	+2	NW	5	-	b	1	59	45						
	Sanguinaire	1016.2	53	N	2	m	1016.7	-2	50	-1	E	2	-	bc	4	64	43						
	Corunna (7 a.m.)	1036.0	54	N	4	bc	1035.0	0	46	+5	S	3	-	r	2	55	41						
	Madrid (8 a.m.)	1026.6	54	N	4	b	1032.3	0	39	-4	-	0	NE	b	1	55	30						
	Lisbon (9 a.m.)													*	*	*							
Azores (Horta, 8 a.m.)	1033.7	60	SW	5	bc								*	*	*								
	Madeira (Funchal)	1032.6	64	NE	4	bc	1033.2	0	55	-4	NE	4	-	b	4	66	55						

* Information for these columns not usually received.

† Received too late for insertion in Charts.

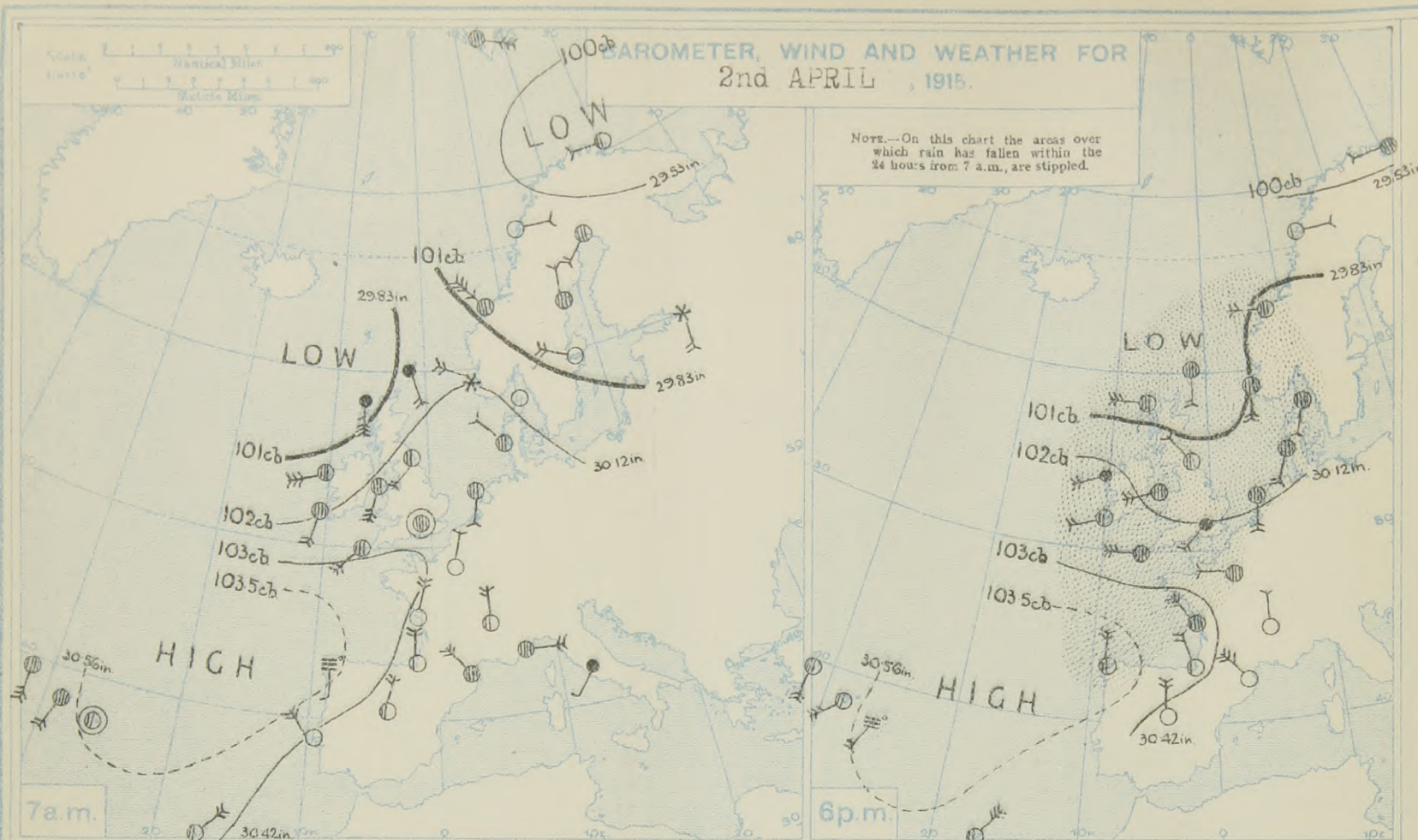
‡ The barometric change is expressed in half-millibars.

GALES.
Duration and Extreme Force
in British Islands.

Esksdalemuir
2nd 10 a.m. SSW 8.

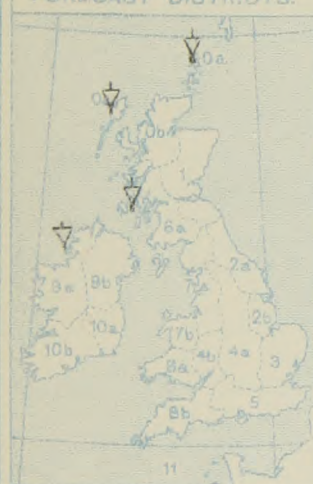
Malin Head
2nd 7 p.m. - 3 p.m. SW 8

Holyhead
2nd. Gusts SW 22 m.p.s.



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 at
3 a.m.**

Western Channel and Bay

0 } Squally, Southerly winds, veering Westerly, strong to a gale at times locally; dull, misty, rainy, some fair intervals; moderate temperature.

1 }
2 } Wind between West and South, fresh at times; dull and damp, with mist and occasional rain, fair intervals; moderate temperature.
3 }
4 }
5 }

6 } Same as No. 0.

7 } Same as Nos. 1 to 5.
8 }

9 } Same as No. 0.

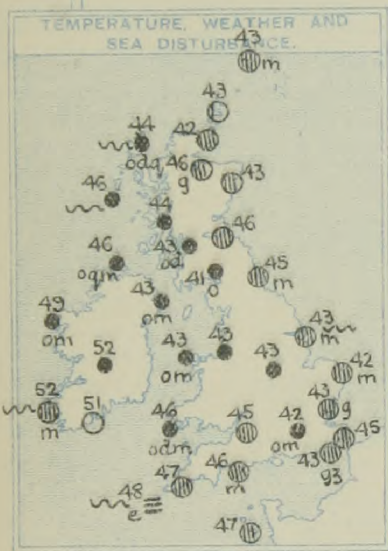
10 } Same as Nos. 7 and 8.
11 } Light to fresh Westerly and South-Westerly breezes; sea moderate to rather rough, considerable Westerly swell; dull, some rain, mist or fog; moderate temperature.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m. SATURDAY, 3rd APRIL, 1915.

GENERAL INFERENCE.

The depression skirting our north-western coasts will maintain the unsettled type of conditions over the country generally.

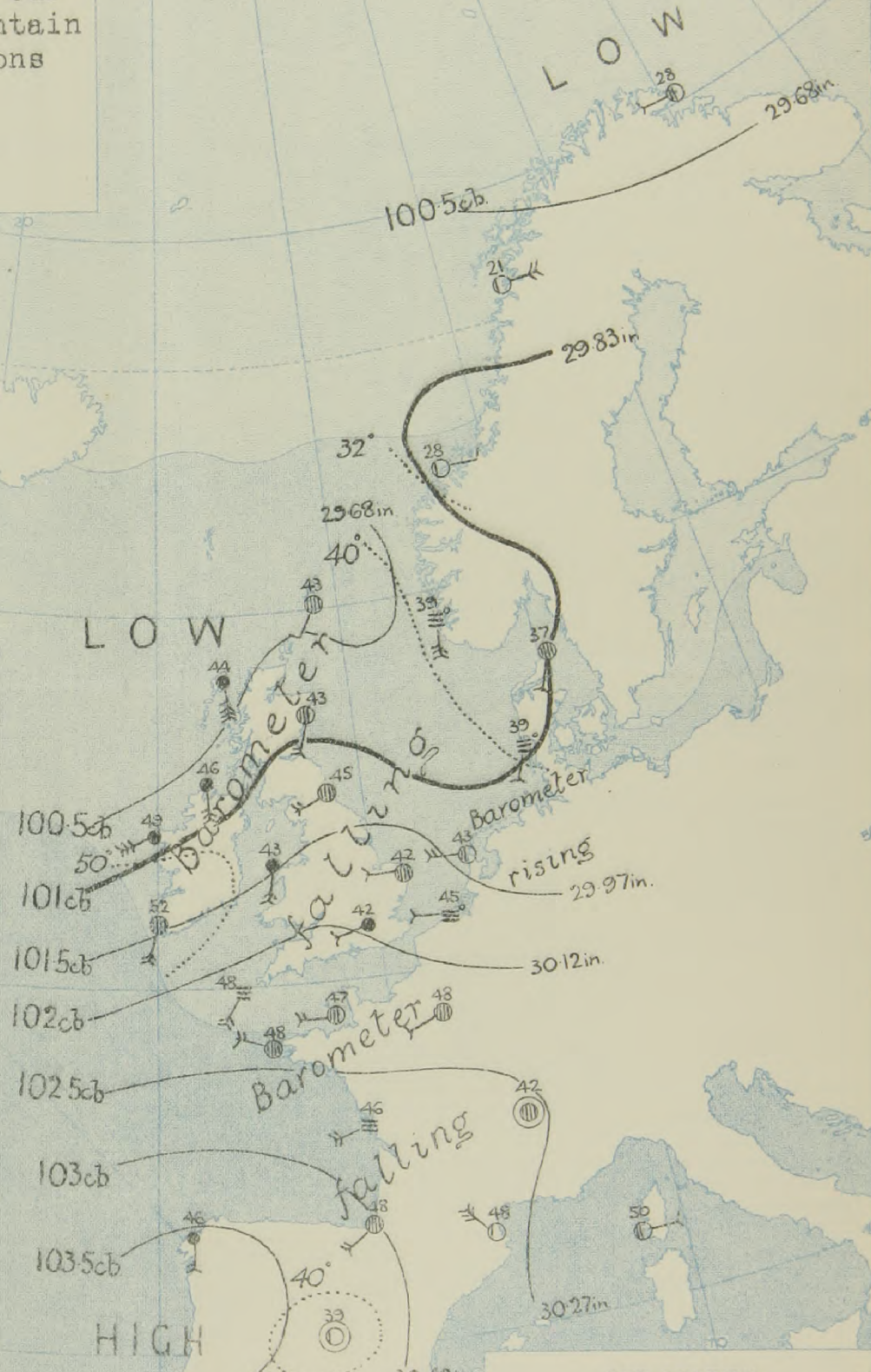
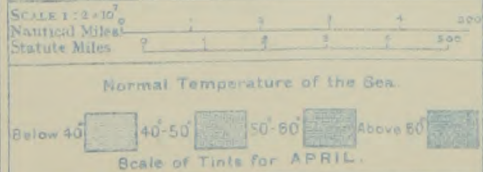


Miles. Inches.

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 symbol:—

○ clear sky. ○ sky & clouded. ○ sky & clouded.

○ sky & clouded. ○ overcast sky. ○ rain falling.

✕ snow. △ hail. ≡ fog. ≡ mist. T. thunder.

SEA DISTURBANCE.—Rough wavy. High.

DAILY WEATHER REPORT.

Saturday, 3rd April, 1915.

REPORTS FOR YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
		Barom. Milli- bars at M.S.L.	Temp.	Wind.		Weather.	Barometer.		Temp.		Wind.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
		° F.							° F.	° F.								
2nd April 1915.																		

2nd April 1915.

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.							Tunbridge Wells ...	1	53	31	bc	or	2.2
Banff ...	2	51	35	od. r. c	cp. bc.	0.9	Margate ...	1	56	41	bc	c. o	5.2
St. Andrews ...	4	53	30	*	*	3.5	Ramsgate ...	1	53	37	bc	o	5.2
Eng. N.E.							Folkestone ...	1	51	41	b. bc. c	c. o	5.5
Harrogate ...	6	47	36	or	or. c. bc	1.0	Hastings ...	1	51	40	b. bc	bc. c	5.8
Scarborough ...	1	51	34	o. bc	ber. bc.	3.7	Bexhill-on-Sea ...	1	50	37	d. c	c	5.2
Skegness ...	3	51	34	o. bc	ber. bc.	3.7	Eastbourne ...	1	52	33	bm	org	5.6
Eng. N.W.							Seaford ...	1	50	33	c	c. o. c. o	4.4
Morecambe ...	8	49	35	o. or	c. bc.	1.4	Brighton ...	1	51	32	bc	c. or	4.4
Blackpool ...	6	48	35	c. or	r. o. bc. c	1.3	Worthing ...	1	47	31	bc	bc. or	3.5
Southport ...	6	48	35	c. or	r. o. bc. c	1.3	Littlehampton ...	1	47	31	bc	bc. or	3.5
Midlands.							Bognor ...	2	47	35	bc. o	or	3.4
Buxton ...	2	44	30	or	or	0.2	Southsea ...	0.3	52	33	b. bc.	e. or	3.6
Leamington Spa ...	1	50	30	bc. c	cp	2.1	Bournemouth ...	0.3	50	32	b. bc. o	o	3.8
Malvern ...	1	47	38	c	c	1.5							
Ross-on-Wye ...	1	47	27	org	r. o. c.	0.8							
Wales.							Weymouth ...	1	51	33	bc	c. o	3.8
Rhyl ...	1	54	38	bc	bc.	2.0	Torquay ...	1	49	33	o	cd. od.	1.1
Colwyn Bay ...	1	55	44	bc	bc.	3.0	Paignton ...	1	49	36	bc. c. o. g	dg. rg. o.	0.3
Llandudno ...	2	51	38	cp	c. o	1.5	Falmouth ...	3	49	36	bc. c. o. g	dg. rg. o.	0.3
Aberystwyth ...	5	47	36	o. or	r. o. c.	0.0	Penzance ...	1	49	35	r. o	or. or	0.0
Tenby ...	1	47	36	o. or	r. o. c.	0.0	Newquay ...	2	49	35	r. o	or. or	0.0
Swansea ...	1	47	36	o. or	r. o. c.	0.0	Ilfracombe ...	3	49	38	c. or	r. o	0.0
England, S.W.							Weston-super-Mare ...	1	49	38	c. or	r. o	0.0
Cromer ...	3	53	37	b. bc	c. or. c. o	5.0							
Lowestoft ...	1	55	37	bc. c. o	or	4.1							
Felixstowe ...	0.3	52	34	bc. c	or	4.0							
Walton-on-Naze ...	1	49	39	bc. c	c. or	4.4							
Southend-on-Sea ...	0.3	53	38	bc	bc. or. r	4.1							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obsv.) ...	% 53	% 92	Hr. 3.6	° F. 54	° F. 42	° F. 37	mm. § 3	bc. c	c. or	or. or
City (Bunhill Row) ...	"	"		"	"	"	"	"	"	"
Westminster (St. James's Pk.)	55	93	3.2	54	41	33	3	bc.	c. or	or
Camden Sq. (Brit. Rainfall)	56	83	2.5	54	41	37	3	-	o	"
Hampstead (Reservoir) ...	"	97	3.6	51	39	31	3	bc. or	o	or
Richmond Park	"	"	3.4	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	-	85	3.1	Total. Joules		Average Rate. Milliwatts.		Max. Rate. Milliwatts.		

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

3rd & 4th April, 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.26	11.57	6.28
Greenwich ...	5.24	11.56	6.29
Wick ...	5.32	12.4	6.34
Valencia ...	5.38	12.16	6.54
	5.35	12.15	6.56
	6.15	12.45	7.15
	6.13	12.44	7.16

NOTES ON YESTERDAY'S WEATHER.

Temperature touched 56° at Margate and exceeded 50° at many other stations. Showers fell generally. Bright sunshine was rather variable, some places having none, while Dover had 6 hours and Malin Head 7 hours.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 94

Sunday
4th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.	
		Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 9-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Force 0-12.	Dir.		Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.	Max.					Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick	993.6	43	SW	4	om	993.6	-2	42	-1	SW	4	-	om	3	7	47	37	om	omdp	cpm	*	
	Deerness	995.2	46	W	6	op	995.2	*	42	-1	SSW	5	SW	b	4	8	48	40	b.b.c.or	r.op	c.op	1.4	
	Stornoway	995.2	48	W	6	bcq	995.3	0	43	-1	SW	7	SW	bcpq	6	9	51	41	orq	or.bcp	c.bcpq	3.4	
	Castlebay (Barra Isd.)	999.2	48	SW	5	bc	999.7	0	46	0	SW	6	-	o	6	5	50	41	r.opm	opm.bc	bc.o	1.6	
	Glasgow	1002.3	48	WSW	5	b	1001.1	-1	43	0	SW	4	-	o	*	12	50	40	r	or.bq	bq.cdp	1.1	
	Esksdalemuir	1003.3	47	WSW	5	o	1003.5	0	41	0	SSW	5	W	op	8	12	47	40	r	r.o	b.op	0.0	
	Malin Head	1003.4	48	WSW	5	bcmq	999.7	-1	45	-1	WSW	6	W	bcq	6	6	50	42	omq	cmq	bcp	2.0	
	Blacksod Point	1005.6	48	WSW	5	bcm	1005.1	0	48	-1	WSW	6	W	cm	5	2	50	41	bcm	bcm	cm.cpm	*	
	Valencia	1011.8	51	SW	3	bcm	1011.2	-1	47	-5	SW	4	W	cpm	5	2	53	46	omc	cm	cm	1.3	
	Roche's Point	1012.7	51	SW	3	o	1012.7	*	45	-6	W	4	-	b	4	0.3	54	44	d.o	od.o	c.o.b	*	
	Birr Castle	1003.8	54	W	2	c	1003.0	*	44	-8	WSW	2	-	bc	*	6	54	43	or	or.e	bc	1.6	
	Donaghadee	1005.7	50	WNW	3	cm	1003.8	+1	42	-1	SW	4	SW	bcmq	3	1	55	41	omr	omp.em	bcmq	*	
	Liverpool (Bidston)	1008.3	51	SW	3	o	1008.1	-3	46	+3	WSW	4	W	bc	4	7	53	43	or	od	o	0.0	
	Holyhead	1008.3	49	SW	4	cpm	1008.4	0	44	+1	WSW	3	W	c	2	6	49	43	or.d.f	fr.opc	bc.o.c	0.0	
	Pembroke (St. Ann's)	1012.4	47	WSW	4	f	1011.6	0	45	-1	W	3	SW	cm	4	1	47	45	omd.r	f	f	0.0	
	Scilly (St. Mary's)	1016.3	49	W	5	fd	1014.7	+1	48	0	W	4	-	fe	5	3	50	47	fe	fe	fe	0.0	
	Falmouth	1015.8	49	SW	5	dq	1013.7	0	48	+1	W	3	-	c	3	4	52	47	deq	eq.dq	od.oe	0.0	
	Jersey (St. Aubin)	1019.3	48	WSW	3	fe	1015.2	*	49	+2	WSW	5	-	odm	3	1	50	46	comd	omdfe	fe.adm	1.2	
	Portland Bill	1014.8	47	WSW	5	o	1012.1	+1	47	+1	WSW	4	-	of	4	3	47	44	omf	f.o	fd	*	
	Dungeness	1015.0	46	SW	4	op	1011.5	0	45	+2	SW	3	-	f	3	5	46	42	orm	or.o	omr.f	*	
	Dover	1015.1	44	SW	5	dm	1011.5	-1	43	+3	W	4	-	og	2	6	48	42	or	or.d.m	mp.r.d	0.0	
Wick	996.9	46	W	3	bc	991.5	-4	41	-1	SW	3	-	b	3	6	49	33	om.or	or.bcp	bc.bm	*		
Nairn	997.7	49	W	3	eq	994.1	*	43	-3	W	4	-	cg	3	4	54	39	rd.o	q.bc	bq.c	0.6		
Aberdeen	999.1	50	S	3	c	996.3	-1	43	0	-	0	-	b	2	3	50	37	c.or	o.c	bc.b	0.7		
Leith	1001.6	51	WSW	3	bc	999.8	0	45	-1	WSW	3	-	c	*	3	54	41	or.o	r.o.c.bc	bc.b	*		
Tynemouth	1003.2	50	SW	2	om	1003.4	0	46	+1	W	3	W	bc	3	3	51	44	omp	adm	bc	*		
Spurn Head	1009.2	45	WSW	5	o	1007.6	0	45	+2	WSW	3	-	c	4	2	49	40	op	r.oq	oq	0.3		
Yarmouth	1012.1	45	SSW	2	orm	1008.6	0	48	+6	W	2	W	om	1	2	49	41	om	orm	omr	0.0		
Clacton-on-Sea	1013.7	44	S	3	ogdm	1010.0	0	50	+7	W	2	W	og	1	2	50	42	ogd	ogdm	ogd	0.0		
Nottingham	1007.6	51	SW	2	r	1008.8	*	44	+1	SW	1	SW	b	*	5	52	42	or	rd.m	r.o.c	0.0		
Bath	1013.8	52	W	1	o	1012.5	*	47	+2	W	1	-	o	*	3	53	44	r.o	r.o	d.or	0.0		
London (Kew Obsy.)	1013.2	49	SW	3	om	1010.8	+2	50	+8	WNW	3	-	o	*	5	51	42	om	adm	om	0.0		
ICELAND, FAEROE, &c.	Spitsbergen	1002.5	-5	-	0	o	1002.5	-1	-7	-10	ESR	1	*	o	*	*	3	-11	GALES.				
	Isafjord...												*		*	*	*	*	Duration and Extreme Force in British Islands.				
	Reykjavik												*		*	*	*	*					
	Vestmanna												*		*	*	*	*					
	Seydisfjord												*		*	*	*	*					
	Thorshavn												*		*	*	*	*					
NORTHERN EUROPE.	Vardö	1002.7	23	WNW	3	o	1002.9	+2	28	0	NNE	3	-	bc	3	*	28	23	Stornoway.				
	Bodö	1006.9	30	S	1	c	1004.2	-5	25	+4	E	4	-	b	2	*	30	19	Tam. Squalls force 3.				
	Christiansund	1002.1	32	NE	1	b	997.7	-3	27	+9	-	0	-	r	4	Trace	37	30					
	Skudesnaes	1002.9	41	S	6	o	996.3	0	41	+2	S	2	-	m	4	6	41	39					
	Færder (X'ianla Fjord)	1007.1	36	NNE	1	f	998.6	-4	36	0	SSR	4	-	r	2	6	36	34					
	The Scau (Skagen)	1009.3	39	-	0	m	998.7	-6	37	0	SSW	3	-	r	4	6	41	37					
	Blaavands Huk	1011.0	39	WSW	1	m	1002.4	-5	41	+2	SW	4	-	f	3	3	45	37					
	Haparanda	1008.4	7	SSW	2	b	1011.7	+2	3	0	SE	2	-	f	*	-	21	-9					
	Hernösand	1009.5	30	N	2	bc	1009.5	0	16	-12	N	2	-	f	*	-	27	7					
	Stockholm	1009.9	32	SW	2	o	1008.2	-2	32	+2	ESR	4	-	o	*	-	36	28					
Wisby	1009.9	34	WNW	6	b	1006.7	-1	36	+2	WSW	2	-	m	*	2	39	34						
Karlstad	1009.0	32	E	2	S	1002.3	-5	34	+2	SE	2	-	S	*	9	36	28						
Petrograd (G.M.T.)														*	*	*	*	*					
FRANCE, &c.	The Helder	1013.7	45	SSW	3	c	1007.7	0	46	+3	SW	3	-	o	3	4	48	43					
	Brussels	*	*	*	*	*								*	*	*	*	*					
	C. Gris Nez	1015.1	43	SW	5	f	1010.9	0	46	+3	SW	5	*	f	4	9	46	43					
	La Hève	1017.7	46	WNW	3	f	1013.7	*	45	0	WNW	3	*	f	4	7	48	41					
	Ushant	*	*	*	*	*							*	*	*	*	*	*					
	Brest (St. Mathieu)												*	*	*	*	*	*					
	Rochefort (Ile d'Aix)	1025.0	50	W	3	o	1022.4	0	47	+1	W	5	*	f	*	11	48	37					
	Biarritz	1027.7	50	SW	3	f	1026.3	0	52	+4	W	3	*	f	4	2	52	48					
	Paris	1019.9	45	S	2	r	1015.9	0	50	+4	SW	2	-	o	*	14	52	45					
	Belfort	*	*	*	*	*							*	*	*	*	*	*					
Lyons	*	*	*	*	*							*	*	*	*	*	*						
Nice	1014.1	47	E	2	c	1018.6	+2	48	-1	-	0	*	bc	2	-	61	41						
Perpignan	1022.1	57	NW	4	o	1020.6	0	59	+11	NW	5	-	c	*	-	63	34						
Sanguinaire	*	*	*	*	*							*	*	*	*	*	*						
SOUTHERN EUROPE.	Coruna (7 a.m.)	1032.0	55	WSW	1	o	1028.0	-2	54	+8	SSW	3	-	o	3	-	55	48					
	Madrid (8 a.m.)	1026.3	59	NNE	3	b	1028.3	+1	48	+9	-	0	-	b	*	-	61	39					
	Lisbon (9 a.m.)	1029.2	59	NW	5	bc	1029.1	0	54	+4	NW	4	-	o	5	-	64	54					
	Gibraltar	*	*	*	*	*							*	*	*	*	*	*					
	Rome	1014.0	52	NW	1	b	1011.4	+2	46	-2	N	1	-	o	*	-	61	45					
Azores (Horta, 8 a.m.)	1030.4	*	SW	5	c																		

GALES.

Duration and Extreme Force
in British Islands.

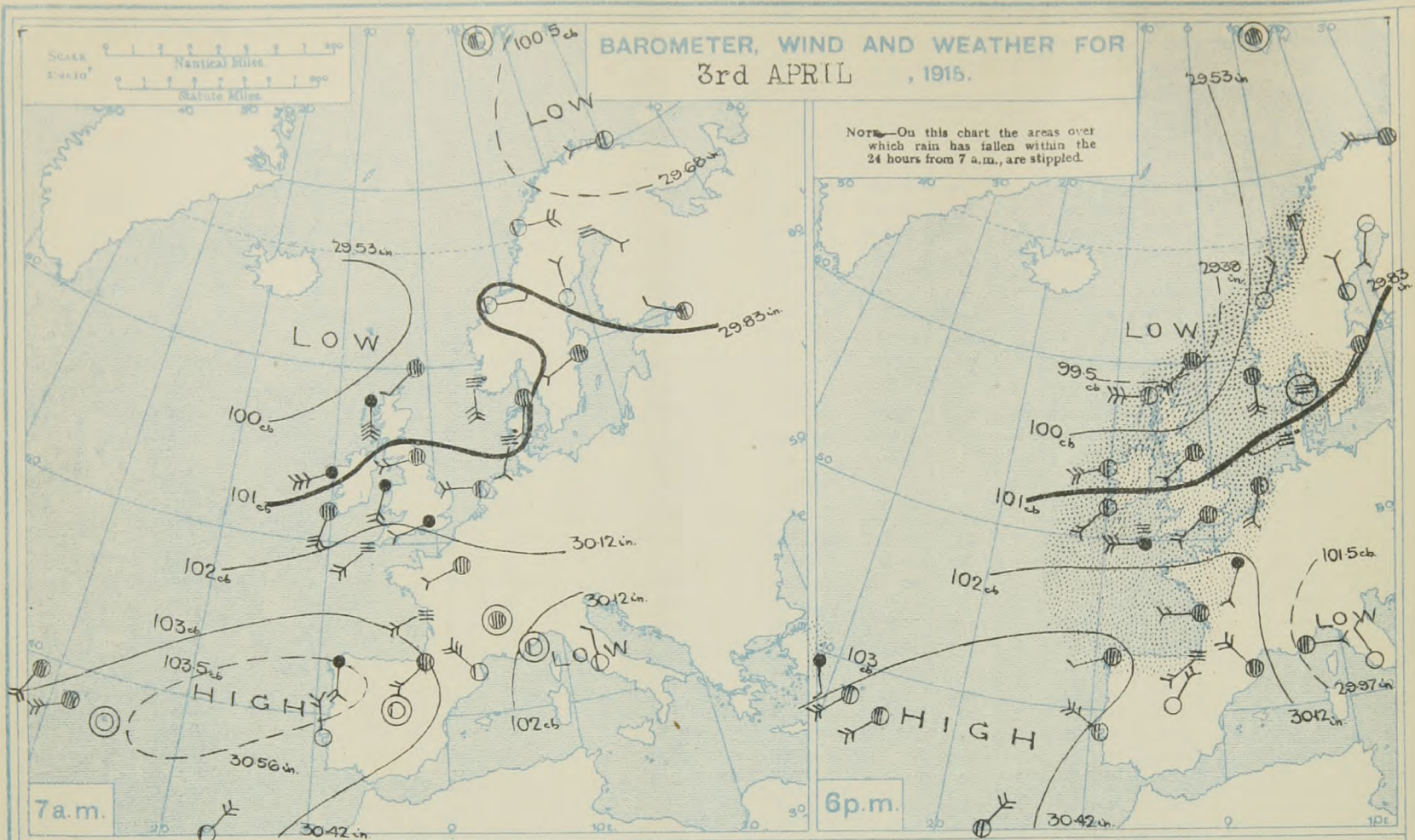
Stornoway.

Term. Squalls force 3.

* Information for these columns not usually received.

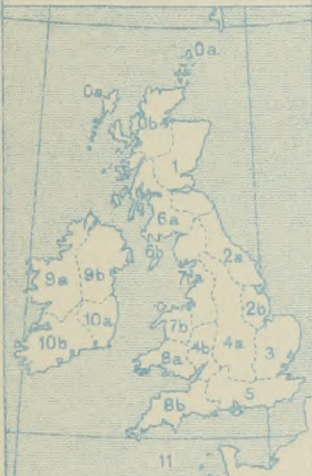
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued

Western Channel and Bay 11

0 { a } Westerly to Westerly winds. unsettled, some rain,
b } mist or fog; moderate temperature.

1 {
2 { a } Light to moderate South-Westerly and
b } Westerly winds; changeable, some rain and mist,
3 { fair intervals; moderate temperature
4 { a }
b }

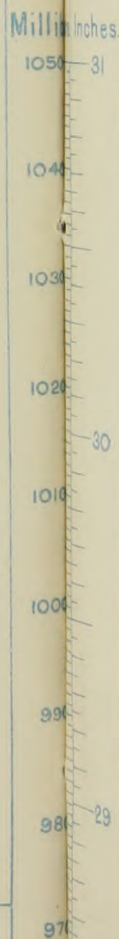
6 { a } Same as No. 0.
b }

7 { a } Same as Nos. 1 to 5.
b }

8 { a } Same as No. 0.
b }

9 { a } Same as Nos. 1 to 5.
b }
10 { a } Westerly breezes, fresh at times: sea
b } moderate to rather rough, considerable Westerly swell;
dull, much fog, some fair periods; moderate temperature.

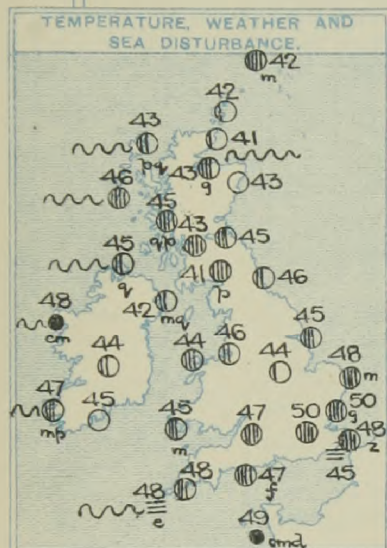
FURTHER OUTLOOK.



SYNOPTIC CHART FOR 7 a.m., SUNDAY, 4th APRIL, 1915.

GENERAL INFERENCE.

Another depression
skirting our northern coasts will
maintain the changeable type of
weather.

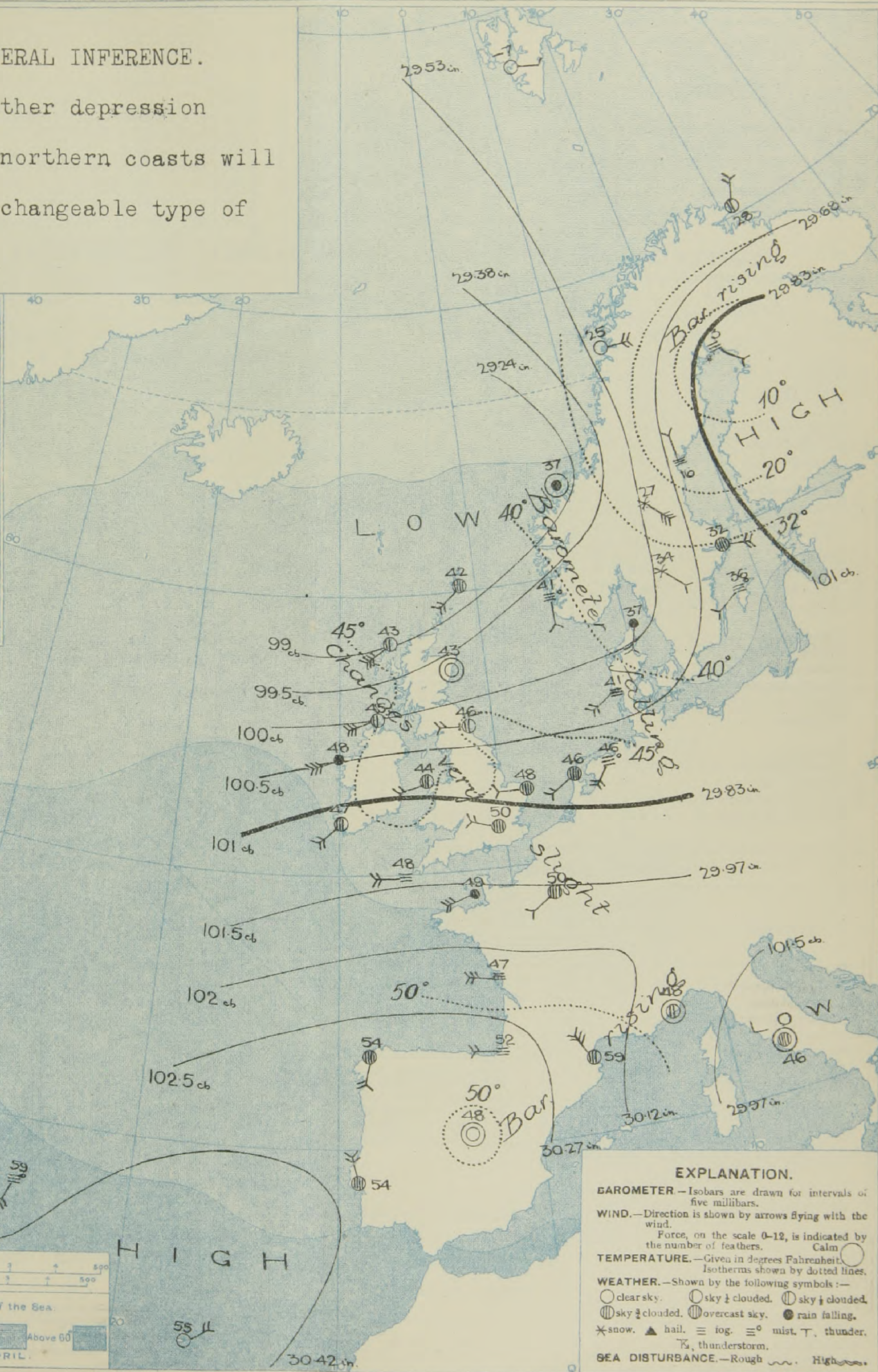
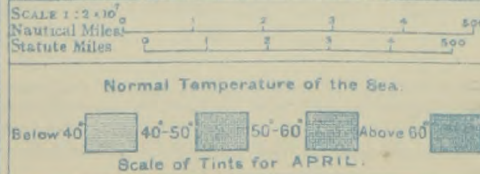


Mrs. Inches.

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

SEA DISTURBANCE.—Rough wavy. High wavy.

DAILY WEATHER REPORT.

Sunday, 4th April, 1915.

REPORTS
FOR
YESTERDAY.

3rd April, 1915

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.	TEMP.	
	BAROM. Milli-bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Dir.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.							
		° F.						° F.	° F.									
Spitzbergen	1006.9	9	NE	1	c	1005.2	-3	3	-15							18	-6	
Haparanda	1004.8	23	WNW	2		1006.7	+1	3	-11	SE	2					27	-16	
Hernösand	1007.0	30	-	0	b	1008.3	0	28	+1	N	2					20	19	
Stockholm	1013.0	32	W	2	b	1011.4	0	30	+5	WSW	2					24	25	
Wibsy	1016.6	34	WNW	6	b	1012.2	-3	34	+4	SW	4					30	30	
Karlstad	1014.4	34	W	4	c	1010.1	-1	32	+7	-	0					30	23	
Petrograd	1002.0	25	W	2	s	1004.1	+3	18	-10	WNW	1					34	12	
Liebo	1029.9	55	W	5	b	1031.3	+1	50	+5	N	3					59	48	
Rome	1018.1	54	W	2	b	1016.7	0	48	-9	N	1					61	46	
Horta						1031.3	-1	60	0	WSW	5					61	61	

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

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.†	TEMPERATURE.	WEATHER.	Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.						
		°F.	°F.								
Scot- land.							Tunbridge Wells ...	8	43	40	0.0
Oban ...	9	49	40	r	0	0.8	Margate ...	3	46	43	0.0
Banff ...							Ramsgate ...	3	45	41	0.0
St. Andrews ...							Folkestone ...	6	46	42	0.0
Eng. N.E.							Hastings ...	9	46	42	0.0
Harrogate ...	5	50	40	or	or	0.0	Bexhill-on-Sea ...	9	47	42	0.0
Scarborough ...	*						Eastbourne ...	11	47	43	0.0
Skegness ...	2	48	38	or	0	0.4	Seaford ...	8	45	43	0.0
Eng. N.W.							Brighton ...	9	46	41	0.0
Morecambe ...							Worthing ...	8	46	43	0.0
Blackpool ...	14	49	44	or	or	0.0	Littlehampton ...	6	46	*	0.0
Southport ...	14	50	43	or	or	0.0	Bognor ...	5	47	42	0.0
Midlands.							Southsea ...				0.0
Buxton ...	9	48	39	or	or	0.0	Bournemouth ...	1	51	42	0.0
Leamington Spa ...	3	52	42	od	od	0.0	Weymouth ...	0.3	50	39	0.0
Malvern ...							Torquay ...	0.3	55	44	0.0
Ross-on-Wye ...	3	55	32	rom	0	0.0	Paignton ...	0.3	56	43	0.0
Wales.							Falmouth ...	1	52	43	0.0
Rhyl ...	7	55	44	p.o	0.0	0.0	Penzance ...	1	53	46	0.0
Colwyn Bay ...							Newquay ...	0.3	50	44	0.0
Llandudno ...							Ilfracombe ...	2	50	44	0.0
Aberystwyth ...	5	48	36	r.or	rom	0.0	Weston-super-Mare ...				0.0
Tenby ...	6	55	46	bc.or	bc.od	0.0					0.0
Swansea ...											0.0
England, E.											0.0
Cromer ...	1	48	42	0.0	0.0	0.0					0.0
Lowestoft ...											0.0
Felixstowe ...	2	47	43	om	omr	0.0					0.0
Walton-on-Naze ...	2	46	42	od	or	0.0					0.0
Southend-on-Sea ...	1	46	40	od.r	r.d.o	0.0					0.0

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.	Night Min. on Grass	Night.	Fore- noon.	After- noon.			
				Max.	Min.													Max.		Min.
				24 HOURS ENDED 9 A.M. TO-DAY.																
Greenwich (Royal Obs.) ...	88	77	0.0	52	44	44	6	0.0	0.0	0.	Dublin to 4 p.m.	mm. §	° F.	° F.	F.	0.0	0.0	p.c.b.	*	
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*	Darwen to 9 p.m.	16	51	40	37	c. 0	0	0	0.0	
Westminster (St. James's Pk.)			0.0								Manchester	6	52	42	*	c. c	r	r	0.0	
Camden Sq. (Brit. Rainfall)	90	79	0.0	53	44	44	5	0	0.0	*	Birmingham "	4	51	41	39	r	r	0	0.0	
Hampstead (Reservoir) ...	*	81	0.0	51	40	38	5	0	c	0	Oxford to 9 p.m.	*	52	43	40	c. 0	0	0	*	
Richmond Park ...	*	*	0.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Teignmouth to 9 p.m.	-	58	44	39	0	0	c. 0	0.0	
Kew. (See front page.)											Plymouth "									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	79	71	0.0	Joules		Milliwatts.		Milliwatts.												

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

4th April, 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.24	11.56	6.20
Greenwich ...	5.30	12.3	6.35
Wick ...	5.35	12.15	6.56
Valencia ...	6.13	12.44	7.17

NOTES ON YESTERDAY'S WEATHER.

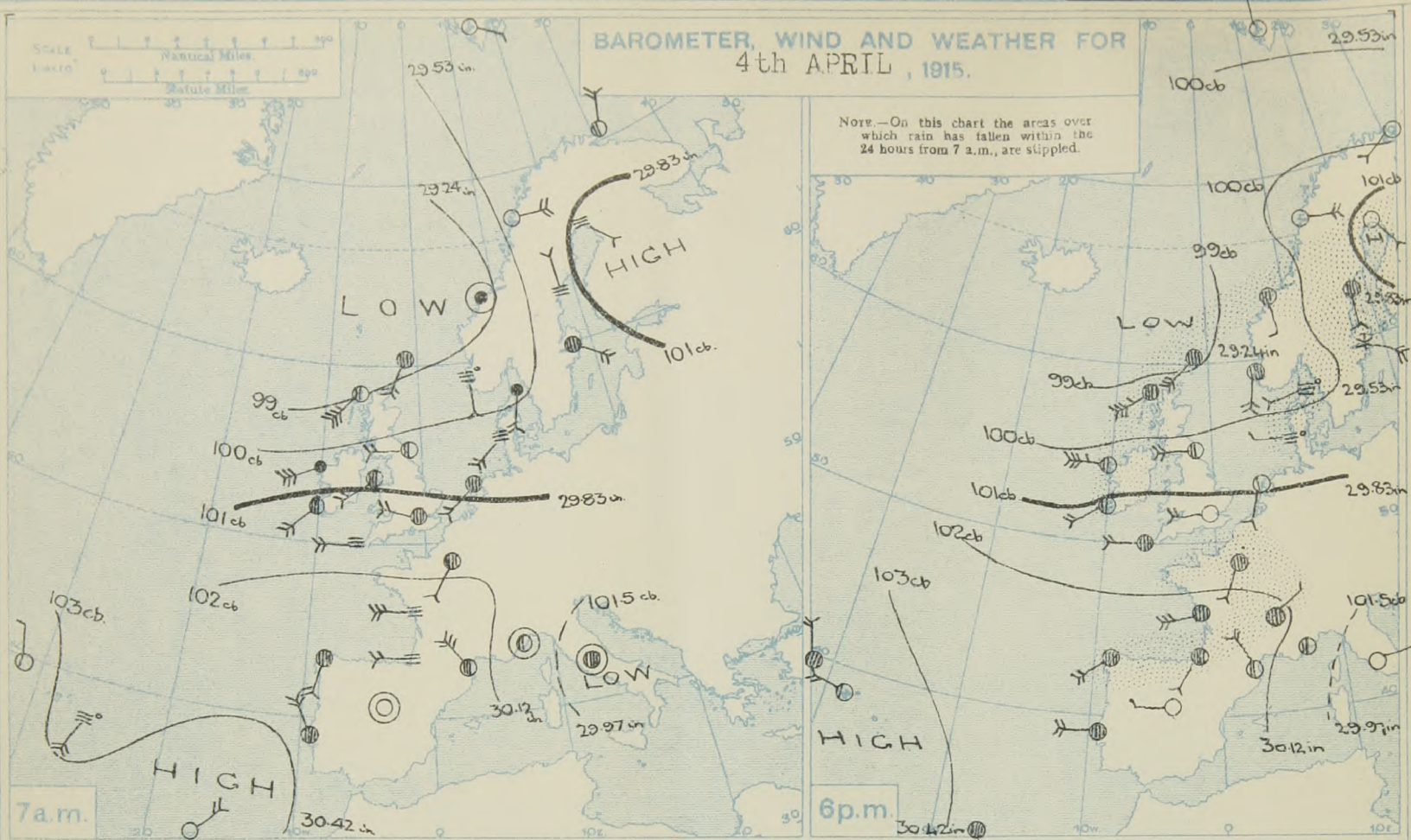
Temperature rose to about 55° in places, but in south-eastern England it remained below 50°. Rain fell everywhere, 12 mm. at Glasgow and Eskdalemuir. Stornoway had 3½ hours of sunshine, but generally there was none.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 95

Monday
5th April 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.			
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.						
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.				
BRITISH ISLANDS.																									
	Lerwick	987.9	44	SW	5	ogm	989.1	+1	42	0	SW	4	-	bcm	3	4	47	33	cpq	om	opm, cp	*			
	Deerness	989.5	43	SW	6	om	994.2	+	41	-1	SW	5	-	op	4	3	48	39	b, bc	bc, c, o	op, o	5.4			
	Stornoway	990.2	44	SW	7	og	996.0	+3	40	-3	WSW	5	-	bcpq	4	6	48	39	bcpq	bc, opq	o, c, bcpq	4.5			
	Castlebay (Barraisd.)	996.5	43	W	7	op	999.2	+1	43	-3	W	4	-	bc	4	1	48	41	op, bcm	bcm, op	bc, op	8.3			
	Glasgow	1001.1	45	WSW	6	b	1002.4	0	39	-4	WSW	3	-	bc	*	1	49	39	ca, bcp	bcpq, op	bcpq, c	7.8			
	Eskdalemuir	1003.7	48	SW	6	bc	1004.5	0	38	-3	SW	4	-	o	*	3	47	36	og	ca	c, b, o	4.8			
	Malin Head	1001.8	46	WSW	8	bcmq	1002.7	0	41	-4	W	6	-	bcmq	6	3	47	38	bca	bcmq	bcmq, op	9.2			
	Blacksod Point	1005.4	48	W	7	bcpm	1006.0	0	45	-3	W	6	-	cp	6	2	51	39	cpm	bcmq	cmq, opq	7.0			
	Valencia	1011.8	48	WSW	3	bca	1010.8	+1	45	-2	W	1	-	bc	4	1	50	43	cmq	bcm	bcm	7.0			
	Roche's Point	1012.0	50	W	4	o	1012.0	*	41	-4	NW	2	-	b	2	0.2	53	36	bcp, c	c, o	c, b	*			
	Birr Castle	1009.6	47	W	4	bc	1009.0	*	38	-6	SW	1	-	bc	*	1	52	36	bc	bc	cp, bc	7.4			
	Donaghadee	1004.9	48	W	8	bcmq	1004.4	+2	38	-4	WSW	4	-	b	3	Trace	52	37	bcmq	bcmq	bcpq	*			
	Liverpool (Bidston)	1008.3	48	SW	3	o	1008.2	0	41	-8	SW	2	-	o	3	-	53	40	b	b	bc, o	9.7			
	Holyhead	1008.6	48	SW	4	om	1008.2	+1	43	-1	WSW	4	-	bcm	3	Trace	53	42	c, bc, c	bc, c, o	o, c, bc, o	7.4			
	Pembroke (St. Ann's)	1011.7	46	WSW	3	o	1010.5	+1	44	-1	NW	1	-	og	1	-	49	43	em	bcm	c	7.7			
	Scilly (St. Mary's)	1014.1	49	W	3	om	1010.8	-1	46	-2	NW	3	-	om	4	-	53	45	f, om	om, em	om	1.4			
	Falmouth	1013.5	49	WNW	3	c	1010.7	0	44	-4	WNW	2	-	o	2	-	55	44	c, o, c	c, bc, c	o, c, o	2.6			
	Jersey (St. Aubin)	1015.2	49	W	3	ome	1009.9	*	45	-4	E, NE	3	-	o	3	7	52	44	of, c, a	ome	ome, op	0.0			
	Portland Bill	1012.6	47	W	4	bc	1016.5	-1	45	-2	W	1	-	or	3	1	48	44	bc, c	bc	c, o, s	*			
	Dungeness	1011.8	46	SW	4	bc	1010.6	-2	44	-1	SW	2	-	og	2	-	49	43	of, c, o	o, c, b	o, c, o, s	*			
	Dover	1011.7	49	SW	4	b	1010.0	-1	46	-2	W	4	-	o	4	-	53	42	c, o, c	c, bc	c, o, s	3.4			
	Wick	991.7	45	W	4	o	996.1	+2	40	-1	W	3	-	c	3	0.3	50	38	bm, emq	cmq, op	opq, c	*			
	Nairn	994.3	43	W	4	r	997.9	*	38	-5	W	2	-	cu	2	3	42	37	phq, c	pr, bc	qppr	7.1			
	Aberdeen	997.1	47	SW	5	b	999.0	+2	43	0	SW	3	-	c	2	-	53	41	bq	bq	b, bc, c	11.2			
	Leith	999.5	50	WSW	4	bc	1001.9	0	42	-3	WSW	3	-	b	*	0.3	52	40	cpq	cpq, bc	bc	*			
	Tynemouth	1002.5	50	W	4	bc	1004.8	0	43	-3	W	2	-	bcm	3	-	54	41	bq	bq	bc	*			
	Spurn Head	1007.6	49	W	4	bc	1007.6	0	47	+2	W	3	-	o	4	-	53	39	bcp, c	bca	bc	9.3			
	Yarmouth	1009.4	54	W	2	bcm	1008.4	-2	42	-6	W	2	-	cm	1	-	58	41	om, bcm	bcm	bc, em	6.8			
	Clacton-on-Sea	1010.1	55	W	2	bc	1009.7	0	43	-7	W	2	-	o	0	-	59	41	og, c, bc	bc	bc, c, o	6.8			
	Nottingham	1008.6	49	WSW	3	b	1008.8	*	39	-5	SW	1	-	om	*	-	57	36	b, bc	bc, bcm	b	10.9			
	Bath	1012.8	52	W	2	bc	1010.5	*	45	-2	W	1	-	o	*	-	56	44	o, c, bc, b	b, bc	c, o	6.7			
	London (Kew Obsy.)	1010.9	54	W	3	bv	1009.7	0	44	-6	WSW	1	-	om	*	-	58	43	o, c, bc	bc, bv	bv, bc, em	7.9			
ICELAND, FAEROE, &c.	Spitsbergen	1002.4	-3	N	2	b	1005.2	+3	-15	-8	-	0	*	b	*	*	-7	-20	GALES. Duration and Extreme Force in British Islands. Stornoway.						
	Isafjord...												*	*	*	*	*	*							
	Reykjavik												*	*	*	*	*	*							
	Vestmanna												*	*	*	*	*	*							
	Seydisfjord												*	*	*	*	*	*							
	Thorshavn												*	*	*	*	*	*							
NORTHERN EUROPE.	Vardö	999.8	21	WSW	2	b	1004.0	+1	19	-9	SW	3	-	b	3	*	28	16	1pm-6pm 4th squalls SW 8 Eskdalemuir 4th 3pm squall W. 8. Malin Head. 4th 2pm-11pm WSW 8. Aberdeen. 4th 3pm squall SW 21mps						
	Bodö	1000.7	30	E	4	b	999.0	0	27	+2	E	4	-	b	2	-	30	21							
	Christiansund	992.0	41	S	1	c	991.8	-2	39	+2	-	0	-	c	3	Trace	43	36							
	Skudesnaes	997.2	41	SW	4	c	997.5	0	41	0	SW	7	-	o	4	1	45	39							
	Færder (Xiantiafjord)	998.4	37	SE	1	m	1000.6	+1	36	0	-	0	-	m	1	-	39	34							
	The Scaw (Skagen)	999.9	39	WSW	2	m	1001.6	+1	41	+4	WSW	2	-	m	2	Trace	45	36							
	Blaavands Huk	1005.0	41	W	2	m	1006.0	+1	41	0	WSW	3	-	b	2	Trace	43	37							
	Haparanda	1011.7	12	SSE	2	b	1011.7	0	10	+7	SE	2	-	c	*	-	19	-6							
	Hernösand	1007.3	27	S	2	o	1005.0	0	25	+9	NE	2	-	s	*	Trace	28	16							
	Stockholm	1001.1	32	ESE	4	s	999.9	+2	36	-2	NW	2	-	o	*	3	34	30							
Wisby	1000.0	37	SW	2	m	1001.5	+3	37	+1	WSW	2	-	o	*	4	34	36								
Karlstad	998.9	34	ESE	2	o	1001.5	+3	34	0	-	0	-	o	*	8	36	28								
Petrograd (G.M.T.)	1013.3	25	E	1	b	1011.8	+2	21		ESE	2	-	bc	*	-	32	16								
FRANCE, &c.	The Helder	1009.5	45	SSW	2	b	1008.4	0	45	-1	SW	1	-	o	1	-	50	41							
	Brussels	*	*	*	*	*								*	*	*									
	C. Gris Nez	1011.5	46	SW	5	bc	1011.5	0	44	-2	SW	4	-	m	2	1	46	44							
	La Hève	1012.4	46	WNW	3	o	1009.8	*	43	-2	NNE	3	-	r	2	6	50	41							
	Ushant	1014.0	50	WNW	3	f	1008.8	*	43		NE	5	-	r	4	12	52	41							
	Brest (St. Mathieu)	1016.3	51	W	5	m	1009.3	0	46		NNE	5	-	r	5	8	54	43							
	Rochefort (Ile d'Aix)	1020.8	52	WSW	5	o	1015.0	-1	51	+4	SW	3	-	o	*	-	54	47							
	Biarritz	1023.8	55	SW	2	o	1014.4	-2	54	+2	SE	3	-	b	5	6	55	48							
	Paris	1014.4	55	SW	2	r	1011.8	-1	52	+2	SSW	3	-	o	*	7	57	48							
	Belfort	*	*	*	*	*								*	*	*									
Lyons	1021.3	49	E, NE	1	o	1017.6	*	42		W	1	-	o	*	1	52	40								
Nice	1016.7	49	-	0	bc	1013.9	+1	54	+6	-	0	-	b	2	-	63	45								
Perpignan	1020.8	59	NW	3	bc	1017.0	-2	54	-5	SW	1	-	b	*	-	68	46								
Sanguinaire	1011.9	54	N	4	b	1010.0	*	56		E	2	-	b	3	-	63	43								
SOUTHERN EUROPE.	Corunna (7 a.m.)	1024.3	59	SW	4	o	1015.5	-2	50	-4	NNE	2	-	r	5	16	61	50							
	Madrid (8 a.m.)	1021.3	68	W	1	b	1019.8	+1	46	-2	WSW	1	-	r	5	-	68	45							
	Lisbon (9 a.m.)	1026.1	55	W	4	o	1019.7	-2	55	+1	S	2	-	o	*	-	59	54							
	Gibraltar	*	*	*	*	*								*	*	*									
Rome	1011.8	50	NE	2	b	1008.6	+1	48	+2	NE	2	-	b	*	-	61	46								
AZORES, &c.	Azores (Horta, 8 a.m.)	1031.9	*	W	3	b	1032.8	0	54		W	2	-	b	1	-	63	52							
	Madeira (Funchal)	1029.7	61	SE	2	o	1027.7	+1	55	+1	NE	1	-	o	2	-	64	55							



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

Western Channel and Bay

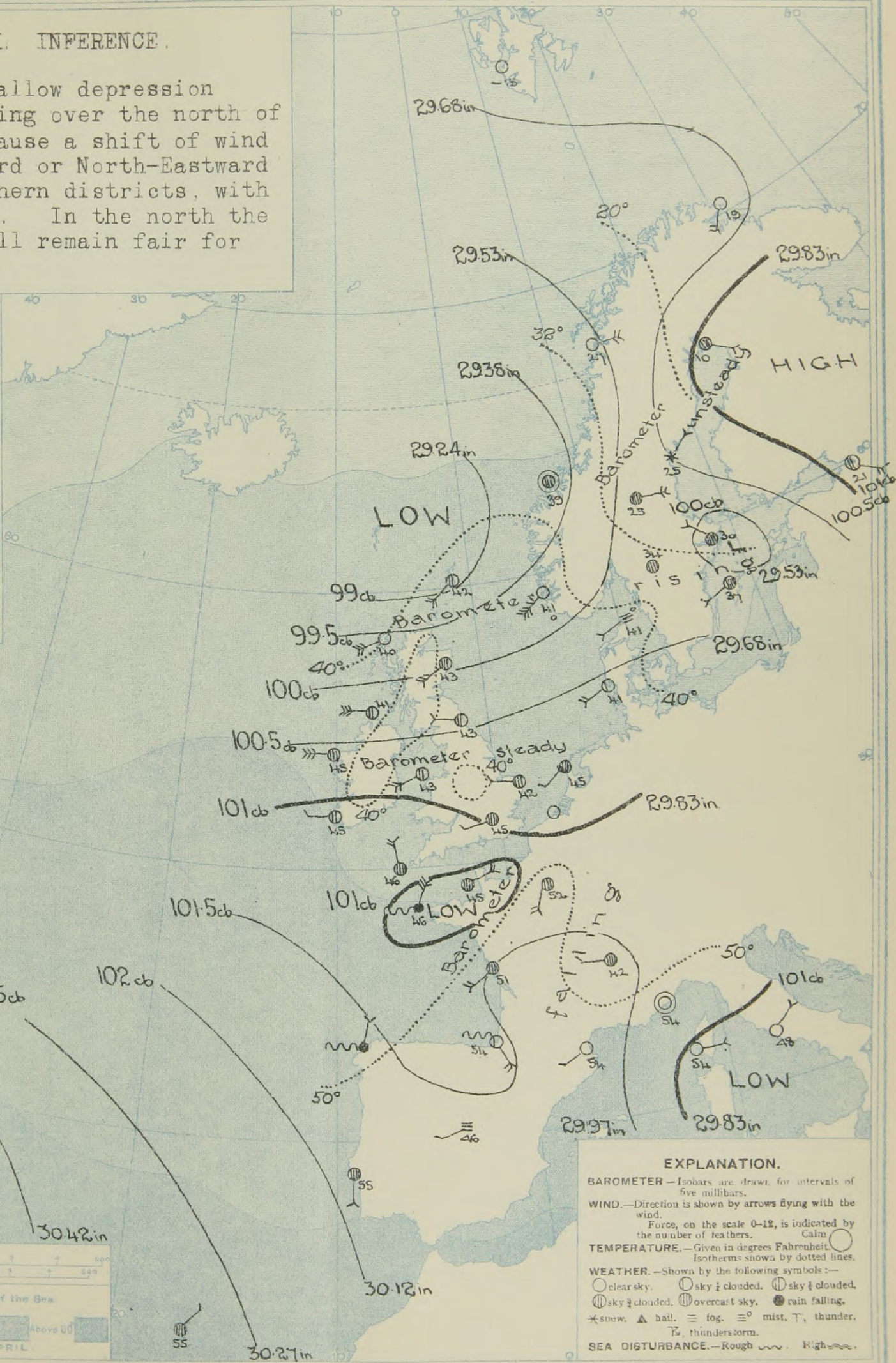
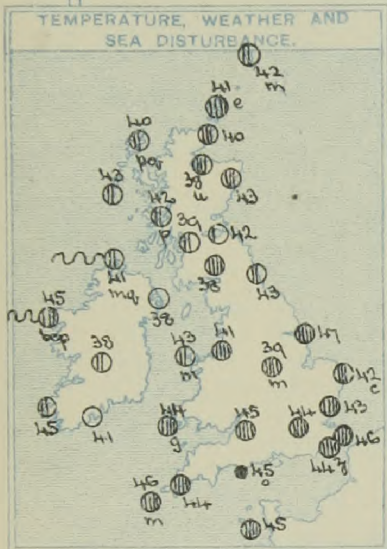
- | | |
|----------------|--|
| 0 {
a
b | Moderate Westerly winds; cold; changeable, some showers, fine intervals. |
| 1 {
a
b | Light Westerly breezes; mostly fair, but misty in places; cool. |
| 2 {
a
b | |
| 3 {
a
b | Light winds shifting to the Eastward or North-Eastward; dull, some rain, misty in places; rather cool. |
| 4 {
a
b | |
| 5 {
a
b | Moderate or fresh Westerly winds, mostly fair, but some local showers; cool. |
| 6 {
a
b | |
| 7 {
a
b | Same as Nos. 1 to 3 |
| 8 {
a
b | Light breezes, chiefly Northerly; dull, misty, rain in places; cool. |
| 9 {
a
b | |
| 10 {
a
b | Light or moderate Westerly winds; mostly fair, but slight showers locally; rather cool. |
| 11 {
a
b | Moderate or fresh Northerly winds and a rather rough sea; dull, misty, some rain. |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., MONDAY, 5th APRIL, 1915.


GENERAL INFERENCE.

A shallow depression which is forming over the north of France will cause a shift of wind to the Eastward or North-Eastward over our southern districts, with rainy weather. In the north the conditions will remain fair for the present.



EXPLANATION.

BAROMETER—Isobars are drawn for intervals of five millibars.

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

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

WEATHER.—Shown by the following symbols:—
 ○ clear sky. ◐ sky $\frac{1}{2}$ clouded. ◑ sky $\frac{3}{4}$ clouded.
 ◒ sky $\frac{3}{4}$ clouded. ◔ overcast sky. ☔ rain falling.
 ✱ snow. ▲ hail. ≡ fog. ° mist. T, thunder.
 ☳, thunderstorm.

SEA DISTURBANCE.—Rough . High .

Normal Temperature of the Sea

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

Station Date & Hour.		Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.		
		Eskdalemuir 29th 8am.		S. Farnboro' 29th 8.50am		Eskdalemuir 30th 8am		S. Farnboro' 30th 8.50am		Benson 30th 12.25pm		S. Farnboro' 31st 8.50am		Benson 31st 10.25am.		S. Farnboro' 1st Apr 8.45am		Benson 1st 12.24pm		S. Farnboro' 2nd 8.45am	
Heights in Kilometres.	4	-5	-9																		
	3	-2	-11	-9	-3							-6	-5	-5	-5						
	2	-2	-6	-6	0				-13	-4	-7	-7	-2	-5	+2	-4	+6	-1	+8	-1	
	1	-4	-4	-5	-2	-2	-5	-5	-4	-3	-2	-7	-9	-6	-4	+3	-4	+2	-3	+7	+5
	0.5	0	+1	-6	-1	-3	-3	-6	-5	-2	-3	-3	-4	-2	-1	+4	0	+1	-1	+5	+4
	0	+1	+1	0	-2	0	0	-4	-4	-3	-4	-4	-1	-2	+1	-1	0	0	41	-1	

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

STATIONS.		Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.	
Scot- land.		mm. & .	° F.	° F.			Hr.
{ Oban ...		15	48	41	p	bc	6.2
{ Banff ...							
{ St. Andrews ...					*	*	
Eng. N.E.							
{ Harrogate ...		0.3	52	42	b. bc. b	b. bc	9.7
{ Scarborough ...		"					
{ Skegness ...		-	58	42	o. b	b	8.5
Eng. N.W.							
{ Morecambe ...							
{ Blackpool ...		14	51	44	b	bc. c	7.2
{ Southport ...		1	54	44	b	b. bc. c	8.7
Midlands.							
{ Buxton ...		1	57	40	bc	bc	
{ Leamington Spa ...		0.3	57	44	o. bc	bc	7.6
{ Malvern ...		4	56	46	bc	bc	7.4
{ Ross-on-Wye ...		-	59	45	bc. c	bc	7.1
Wales.							
{ Rhyl ...		-	54	45	b	b	8.7
{ Colwyn Bay ...		-	53	45	b. bc	bc	7.6
{ Llandudno ...		-	53	43	b	b	7.8
{ Aberystwyth ...		1	47	44	r. o. c	c. bc	9.0
{ Tenby ...							
{ Swansea ...							
England, E.							
{ Cromer ...		1	59	47	c	c. bc. b	8.6
{ Lowestoft ...							
{ Felixstowe ...		2	58	43	c	bc. m	5.7
{ Walton-on-Naze ...		1	57	42	bc. b	b. bc	5.7
{ Southend-on-Sea ...		-	58	42	o. c. bc	b. bc. c	4.5
England, S.E.							
{ Tunbridge Wells ...		0.3	58	46	o	b. bc	2.6
{ Margate ...		2	58	44	o	b	3.4
{ Ramsgate ...		4	55	44	c	bc	3.5
{ Folkestone ...		2	50	43	o	o. bc	2.3
{ Hastings ...		2	52	43	o. o	o. bc. b	1.5
{ Bexhill-on-Sea ...		1	50	44	c	c	1.5
{ Eastbourne ...		-	51	45	od	o. bc. m	1.3
{ Seaford ...							
{ Brighton ...		2	51	44	or. o	o. c. bc	2.6
{ Worthing ...		1	52	45	o. bc	bc	2.2
{ Littlehampton ...		1	52	44	o	g. bc. b	1.3
{ Bognor ...		1	52	45	or	bc	1.6
{ Southsea ...							
{ Bournemouth ...		1	56	45	o	o. c. b	3.0
England, S.W.							
{ Weymouth ...		1	54	46	o. bc	bc. b	3.0
{ Torquay ...		0.3	56	48	o	c. bc. c	2.5
{ Paignton ...							
{ Falmouth ...		1.3	55	47	c. o. c	c. bc. c	2.6
{ Penzance ...							
{ Newquay ...		3	52	48	of. cf	bc. of	0.0
{ Ilfracombe ...		5	52	46	c. bc. b	b. bc	6.8
{ Weston-super-Mare ...		2	51	43	c. bc. b	b. bc. b	6.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
				%	%					
Greenwich (Royal Obsy.) ...	55	83	6.7	59	42	37	-	bc.b	bc.b	c.o
City (Bunhill Row) ...	*	*	7.4	*	*	*	*	*	*	*
Westminster (St. James's Pk.)			7.4							
Camden Sq. (Brit. Rainfall)	90	79	7.6	61	42	38	-	-	-	*
Hampstead (Reservoir) ...	*	86	8.2	58	40	31	-	bc	bc	om
Richmond Park ...	*	*	7.4							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total. Joules		Average Rate. Milliwatts.		Max. Rate. Milliwatts.		
S. Kensington (Roof of M.O.)	-	77	7.7							

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

5th & 6th Apr 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.24	11.56	6.31
	5.16	11.56	6.38
Greenwich ...	5.30	12.3	6.37
	5.27	12.3	6.39
Wick ...	5.32	12.15	6.59
	5.29	12.15	7.1
Valencia ...	6.11	12.44	7.17
	6.8	12.44	7.19

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 55° and upwards in several parts of England and reached 59° at Cromer and Clacton-on-Sea. Slight rain fell in Ireland and Scotland, and the wind reached the force of a gale, in squalls, on our extreme north and north-west coasts.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 96

Tuesday,
6th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	996.3	44	SW	3	bc	994.4	-1	41	-1	S	3	-	bc	2	1	47	37	bc	bc	bc	*
	Deerness	998.3	41	SW	5	b	991.9	*	41	0	SSE	5	-	bc	4	Trace	45	39	op. o	o. c. bc	b. bc	2.8
	Stornoway	998.5	42	W	6	bc	985.9	-10	42	+2	SSE	7	-	bc	6	5	48	39	op. o	o. c. bc	b. bc	6.2
	Castlebay (Barra Isd.)	1000.7	42	WSW	3	cp	983.3	-12	41	-2	SE	7	-	cp	6	3	47	39	bc. op. b	bc. op. b	bc. op. b	7.5
	Glasgow	1003.6	43	W	3	bc	993.2	-10	36	-1	SE	3	-	o	*	2	47	34	bc. op. b	bc. op. b	bc. op. b	6.4
	Esksdalemuir	1004.6	41	SW	3	bc	995.3	-7	37	-1	SSE	4	-	o	*	1	48	32	op. q	c. bc	bc. o	5.0
	Malin Head	1003.6	43	W	6	bc	982.6	-19	39	-2	SSE	3	-	op. q	6	1	49	38	bc. op. b	bc. op. b	bc. op. b	9.4
	Blacksod Point	1004.5	45	WSW	5	bc	981.3	-7	46	+1	SSW	3	-	cm	6	4	47	39	bc. op. b	bc. op. b	bc. op. b	*
	Valencia	1009.1	46	SW	3	c	984.5	0	50	+5	SW	5	-	mp	5	16	50	42	bc. op. b	bc. op. b	bc. op. b	8.8
	Roche's Point	1010.2	48	W	3	bc	991.6	*	46	+5	SW	5	-	o	5	12	51	40	bc. op. b	bc. op. b	bc. op. b	*
	Birr Castle	1007.9	47	W	4	bc	988.0	*	42	+4	SW	4	-	o	*	4	50	36	bc. op. b	bc. op. b	bc. op. b	10.0
	Donaghadee	1005.1	47	WNW	2	bc	990.9	-11	41	+3	SSW	5	SW	om. r	4	-	51	36	bc. op. b	bc. op. b	bc. op. b	*
	Liverpool (Bidston)	1007.2	46	W	3	b	991.1	-6	40	-1	SSE	3	S	o	3	-	50	37	b	b	b. o	9.3
	Holyhead	1007.1	46	SW	3	bc	995.5	-9	44	+1	S	5	S	op. q	0	-	50	42	b	b	b. o	8.3
	Pembroke (St. Ann's)	1010.0	45	W	3	bc	998.1	-8	43	-1	SSW	6	-	op. q	6	2	49	42	bc	bc	bc	7.7
	Scilly (St. Mary's)	1012.7	49	WNW	4	b	999.1	-11	45	-1	SSW	6	S	op. q	6	3	53	44	c. bc	b	bc. op. b	7.2
	Falmouth	1011.1	47	NW	3	b	1001.9	-8	43	-1	WSW	6	-	r	5	3	53	40	c. bc	bc. b	bc. op. b	6.0
	Jersey (St. Aubin)	1011.4	44	NW	3	o	1008.9	*	45	0	SW	4	-	o	3	10	45	41	or	or. op. b	b. o	0.0
Portland Bill	1009.6	46	WSW	4	bc	1004.9	-4	46	+1	SSW	5	-	cu	4	1	47	43	r. o	o. c	b. bc	*	
Dungeness	1008.4	43	ENE	1	r	1007.9	0	41	-3	SW	3	-	b	3	5	47	36	o. c. or	or	c. bc. bc	*	
Dover	1008.6	43	E	1	rm	1008.6	0	43	-3	W	3	-	bc	2	4	47	36	or. or	or	r. c. bc	0.0	
Wick	999.5	42	WSW	1	bc	992.4	-7	41	+1	S	4	-	bc	3	-	49	35	c	c. bc	bc. op. b	*	
Nairn	1000.1	44	W	1	bc	991.4	*	41	+3	SW	1	-	cp	2	0.4	50	32	bc. op. b	bc. op. b	bc. op. b	7.2	
Aberdeen	1000.8	49	W	2	bc	994.8	-5	39	-4	SSE	3	-	c	2	-	56	34	bc	c. bc	bc. bc. bc	8.5	
Leith	1002.8	45	WSW	3	c	994.2	-4	41	-1	S	2	-	o	*	-	50	36	bc. op. b	c. bc	b	*	
Tynemouth	1004.2	47	WNW	3	bc	994.4	-4	39	-4	SSW	3	-	bc. op. b	3	-	52	35	bc. op. b	bc. op. b	bc. op. b	*	
Spurn Head	1007.6	46	NW	3	o	1004.1	-2	38	-9	WSW	4	-	bc	4	-	51	35	c	c	b	2.1	
Yarmouth	1007.8	42	E	3	om	1005.5	0	38	-4	WSW	2	-	bm	1	-	52	36	om. om	om	bc. bc	1.7	
Clacton-on-Sea	1007.5	45	S	2	og	1006.6	0	40	-3	W	3	-	b	2	-	49	36	o	og	og. bc. b	0.0	
Nottingham	1007.2	49	NW	2	c	1002.9	*	36	-3	SSW	1	-	c	*	-	53	31	om. c	om	c. b	2.6	
Bath	1009.3	49	W	2	b	1004.2	*	42	-3	S	3	-	o	*	-	53	34	og	o. bc. b	b. bc. o	1.2	
London (Kew Obsy.)	1008.1	50	NW	1	o	1006.4	-1	40	-4	SSW	2	-	cm	*	1	53	35	om. o. om	om. o	or. bc. bc	0.0	
ICELAND, FAEROE, &c.	Spitsbergen	1005.2	-11	-	0	b	1007.7	+4	-11	+4	-	0	*	b	*	-2	-22	*	*	*	*	*
	Isafjord	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*	*	*	*
	Reykjavik	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*	*	*	*
	Vestmanna	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*	*	*	*
	Seydisfjord	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*	*	*	*
Thorshavn	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*	*	*	*	*
NORTHERN EUROPE.	Vardö	1008.2	21	SW	3	b	1011.7	+2	23	+4	WSW	2	-	b	3	*	27	14	*	*	*	*
	Bodö	999.8	32	E	4	b	999.9	0	30	+3	E	2	-	b	2	-	32	25	*	*	*	*
	Christiansund	995.4	41	-	0	c	999.1	0	41	+2	-	0	-	c	3	2	45	37	*	*	*	*
	Skudesnaes	1001.0	41	SW	3	c	1000.6	-1	39	-2	S	4	-	c	3	-	45	39	*	*	*	*
	Færder (Xianta Fjord)	1002.3	39	SW	4	o	1002.6	0	37	+1	SSW	4	-	o	2	-	41	34	*	*	*	*
	The Scaw (Skagen)	1004.8	41	WSW	2	m	1003.7	0	36	-5	-	0	-	f	0	Trace	46	30	*	*	*	*
	Blaavands Huk	1007.7	41	WSW	1	o	1003.7	-1	37	-4	-	0	-	f	0	-	45	27	*	*	*	*
	Haparanda	1009.5	19	E	2	bc	1010.9	+2	16	+6	SSE	2	-	b	*	-	28	1	*	*	*	*
	Hernösand	1005.9	27	N	2	o	1007.9	+1	28	+3	SE	2	-	s	*	Trace	30	23	*	*	*	*
	Stockholm	1005.3	34	W	2	o	1006.6	0	36	+6	SSE	2	-	o	*	-	36	30	*	*	*	*
Wisby	1006.1	39	WSW	2	c	1007.8	0	36	-1	SSW	2	-	b	*	-	41	32	*	*	*	*	
Karlstad	1003.9	36	ESE	2	o	1004.8	0	36	+2	-	0	-	c	*	-	41	32	*	*	*	*	
Petrograd (5 a.m. G.M.T.)	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*	*	*	*
FRANCE, &c.	The Helder	1007.5	45	WSW	1	r	1005.2	+1	43	-2	SSW	2	-	b	1	Trace	48	37	*	*	*	*
	Brussels	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*	*	*	*
	C. Gris Nez	1007.8	42	ENE	4	r	1007.9	0	41	-3	W	5	*	bc	4	9	46	41	*	*	*	*
	La Hève	1008.4	41	NNE	3	r	1010.1	*	39	-4	SW	5	*	bc	4	9	50	37	*	*	*	*
	Ushant	1014.1	46	SSW	4	b	1006.3	*	48	+5	SW	6	*	r	5	5	50	45	*	*	*	*
	Brest (St. Mathieu)	1014.3	49	NNW	4	c	1008.3	-3	48	+7	SW	6	*	r	5	5	52	45	*	*	*	*
	Rochefort (Ile d'Alx)	1010.6	55	W	5	o	1016.2	0	47	+4	SW	3	*	c	*	-	59	45	*	*	*	*
	Biarritz	1014.0	54	W	5	o	1018.1	0	48	-6	ESE	2	*	b	4	-	66	46	*	*	*	*
	Paris	1007.3	57	SSW	4	o	1011.9	+3	43	-9	WSW	2	-	b	*	4	61	41	*	*	*	*
	Belfort	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*	*	*	*
Lyons	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*	*	*	*
Nice	1009.9	51	-	0	b	1010.1	0	50	-4	-	0	*	o	*	-	63	45	*	*	*	*	
Perpignan	1009.9	59	NE	1	b	1013.6	+3	52	-2	NW	6	-	o	*	-	68	34	*	*	*	*	
Sanguinaire	1006.6	59	NW	2	b	1006.6	*	55	-1	E	2	*	bc	3	-	68	46	*	*	*	*	
SOUTHERN EUROPE.	Corunna (7 a.m.)	1020.3	54	NNW	5	bc	1018.6	0	50	-2	SSW	5	-									

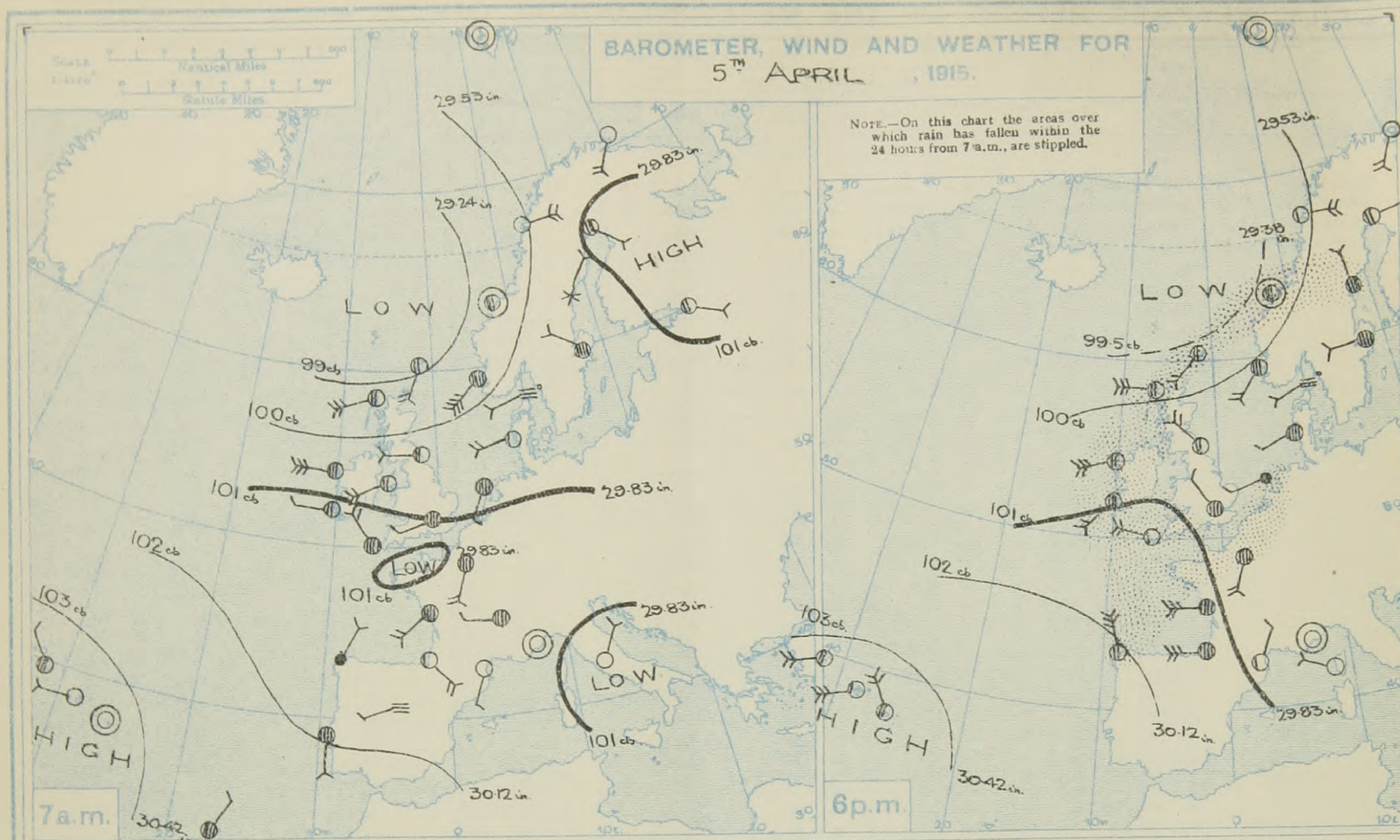
GALES.
Duration and Extreme Force
in British Islands.

Esksdalemuir
5th 2.30pm squall WSW 8.
Malin Head.
6th 5am-7am SSE 8.
Blackod Point
6th 7am 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 TUESDAY TO NOON WEDNESDAY.



Southerly winds, increasing considerably in force; changeable, some rain or passing showers; becoming rather milder.

Southerly winds, freshening considerably; some rain at first, improving later; rather milder.

Southerly to South-Westerly gales, veering and moderating later; rainy at first, improving later, but still showery in places; normal temperature.

Strong South-Westerly to Westerly winds and a rough sea; mild; squally and showery.

STORM WARNINGS.

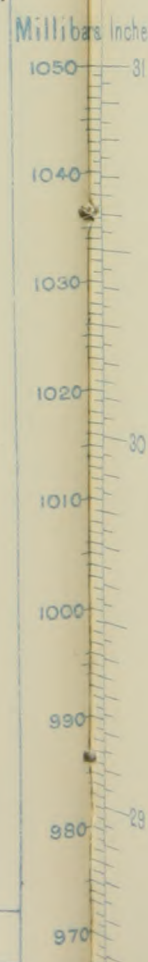
The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

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

Cones Hoisted this morning.

Western Channel and Bay

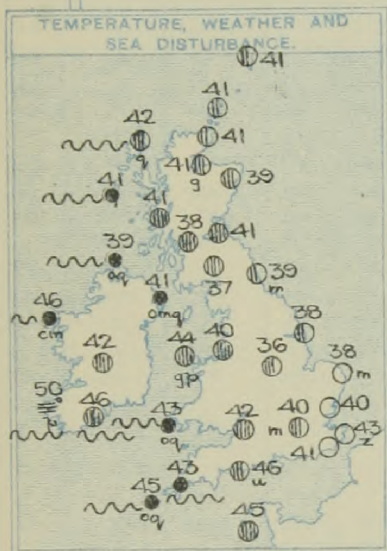
FURTHER OUTLOOK.



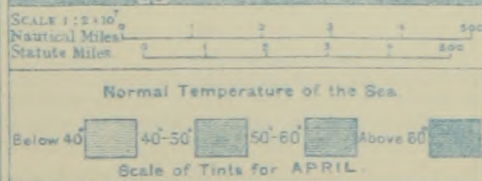
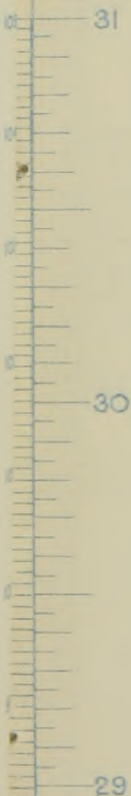
SYNOPTIC CHART FOR 7 a.m., TUESDAY, 6TH APRIL, 1915.

GENERAL INFERENCE.

The depression in the west will move northward, but will spread laterally over the greater part of the United Kingdom.



inches.



LOW

EXPLANATION.

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

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

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

WEATHER.—Shown by the following symbols:—

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

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

✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. ⚡, thunderstorm.

SEA DISTURBANCE.—Rough wavy. High wavy.

Tuesday, 6th April 1915.

REPORTS
FOR
YESTERDAY.

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

	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	{ Oban	4	46	40	b	bc	5.7	{ Tunbridge Wells	1	Hq	H1	op	op.o	0.0
	{ Banff	-	51	40	o.c.bc	bc	4.3	{ Margate	0.3	Hq	H2	o	o	0.0
	{ St. Andrews	-	52	38	*	*	9.8	{ Ramsgate	1	H7	H1	or	r	0.0
Eng., N.E.	{ Harrogate	0.3	50	38	b.bcp.b	b	7.1	{ Folkestone	4	H6	H2	r.o	r.o	0.0
	{ Scarborough	*						{ Hastings	4	H6	H3	od	od	0.0
	{ Skegness	-	52	37	o.bcy	y.c.bc.o	1.2	{ Bexhill-on-Sea	3	50	H4	r	r	0.0
Eng., N.W.	{ Morecambe							{ Eastbourne	6	H7	H3	or	or	0.0
	{ Blackpool	-	49	43	bc.b	b	8.9	{ Seaford	0.3	H7	H2	r	r	0.0
	{ Southport	-	50	42	bc.b	b	9.5	{ Brighton	2	H5	H4	or	r.o	0.0
Midlands.	{ Buxton	-	48	37	bc	bc	3.8	{ Worthington	1	H6	H3	d	o	0.0
	{ Leamington Spa	-	53	39	o.c	bc	3.8	{ Littlehampton	1	H5	H2	grd	o	0.0
	{ Malvern	-	53	41	c	c	5.6	{ Bognor	4	H7	H3	er	or	0.0
	{ Ross-on-Wye	-	56	39	o.c	c.bc.b	4.6	{ Southsea	-					
								{ Bournemouth	-	52	H1	o	c.b	1.0
Wales.	{ Rhyl	-	51	40	b	b	9.7	{ Weymouth... ..	-	51	H3	o.c	c	0.0
	{ Colwyn Bay	-	51	41	c.bc	bc	9.8	{ Torquay	-	54	H4	o	c.bc.b	3.3
	{ Llandudno	-	48	38	b	b	6.5	{ Paignton	-	53	H4	o.c.bc	bc.b	6.0
	{ Aberystwyth	-	47	43	o.c.b	bc.o	7.0	{ Falmouth	-	53	H5	e	b	6.5
	{ Tenby	-	52	45	bc	b	7.1	{ Penzance	-	50	H4	om.br	br	6.0
	{ Swansea	-						{ Newquay	-	52	H3	bc.b	b.bc	7.4
England, E.	{ Cromer	-	51	40	o.c	c	1.1	{ Ilfracombe	-	50	H2	o.c.bc	b	4.0
	{ Lowestoft	-	52	41	o.c	c.o	1.8	{ Weston-super-Mare	-					
	{ Felixstowe	-	49	42	c.o	o	0.0							
	{ Walton-on-Naze	-	47	40	o.cy	oy	0.0							
	{ Southend-on-Sea	-	53	41	y.o	dt.o	0.0							

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	p.m. Yester- day.	a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.		Night, Min. on Grass.	Night.	Fore- noon.	After- noon.	
				Max.	Min.								Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.																			
	%	%	Hr.	° F.	° F.	° F.	mm. g.					mm. g.	° F.	° F.	F.				Hr.
Greenwich (Royal Obs.) ...	57	75	0.0	52	35	27	-	0	0	c.b.c.0								*	
City (Bunhill Row) ...	*	*	0.0	*	*	*	-	*	*	*								*	
Westminster (St. James's Pk.)	57	72	0.0	54	35	29	-	b.c.0	0	b.c.0								24	
Camden Sq. (Brit. Rainfall)	51	76	0.0	55	35	30	-	0	0.c	*								*	
Hampstead (Reservoir) ...	*	76	0.0	51	33	20	-	c	b.c.	0								*	
Richmond Park ...	*	*	0.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
Kew. (See front page.)																			
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.											
S. Kensington (Roof of M.O.)	49	73	0.0	Joules		Milliwatts.		Milliwatts.											
Dublin to 4 p.m.											mm. g.	° F.	° F.	F.				*	
Darwen to 9 p.m.											-	49	38	34	b.c.	b.c.	b.c.	24	
Manchester "														*					
Birmingham "															*				
Oxford to 9 p.m.											*	52	42	34	b.m.0	0.c	b.c.p.c.	*	
Teignmouth to 9 p.m.											-	53	45	42	c	c	b.c.b	3.3	
Plymouth "																			
S. Kensington (Museum Grounds to 6 p.m.)											-	55	44	38	b.c.0	0	0	*	

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 50° and 55° in many parts of the United Kingdom and reached 56° at Aberdeen. Rain fell at most of our western and northern stations, and thunder was heard in the afternoon at Southend-on-Sea.

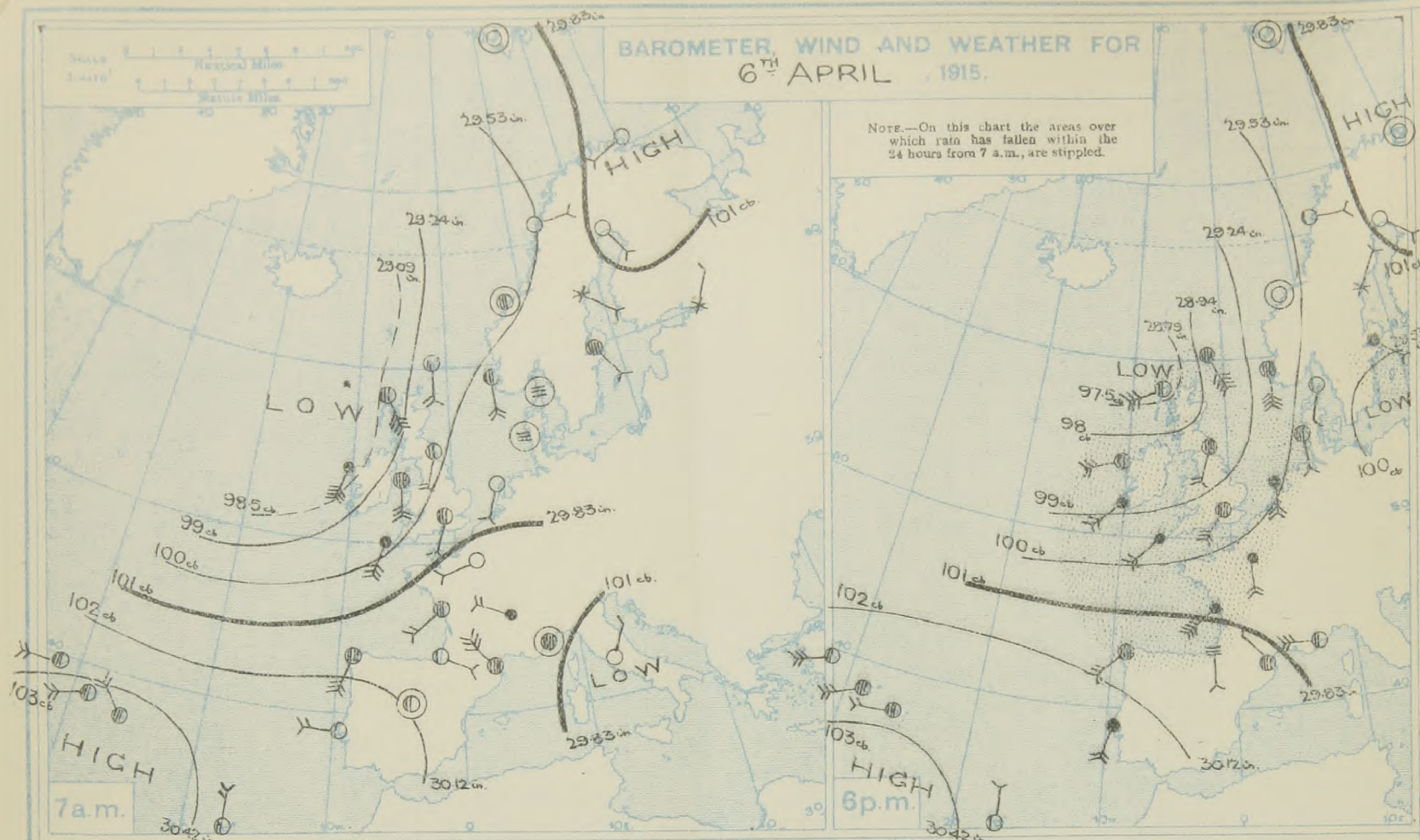
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 97.

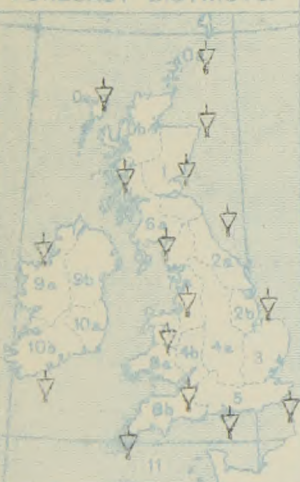
Wednesday,
7th April, 1915.

DATE.		STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
			Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 9-12.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
					Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning	Afternoon.	Night.	
			° F.					†	° F.	° F.							° F.	° F.					
BRITISH ISLANDS.	Lerwick ...	980.8	42	SSE	8	omg	976.7	0	40	-1	S	1	-	om	1	7	44	39	bc.cm	omg	or. omg	*	
	Deerness ...	976.6	42	SSE	7	ome	975.9	*	38	-3	SW	3	SW	b	3	Trace	43	35	bc.cow	ow	m.c.b.c.	0.1	
	Stornoway ...	974.7	44	WSW	6	bcg	973.7	-2	36	-6	SW	4	-	b	3	4	47	34	q.p	op.bcg	bc.b.p.sq	2.0	
	Castlebay (Barraisd.)	977.5	44	WSW	5	c	976.3	0	35	-6	W	4	-	ops	4	5	48	34	r	r.o.c	b.o.h.sq	2.3	
	Glasgow ...	981.7	45	SW	4	o	980.9	*	34	-4	WSW	2	-	c	*	9	46	33	od.oq	dp.oq	or.sq.c	0.0	
	Eskdalemuir ...	983.3	42	WSW	4	or	986.8	+1	35	-2	SW	4	-	c	*	9	43	33	or	or	or.o.or	0.0	
	Malin Head ...	981.2	43	WSW	7	c/p	979.8	0	37	-2	SW	6	SW	bc.pq	6	3	48	35	eqp	c/p	bc.pq	1.7	
	Blacksod Point ...	984.0	43	WSW	5	chp	982.4	-2	40	-6	W	7	W	eqp	4	4	50	35	c.p	c/p	cm.pq	*	
	Valencia ...	988.1	43	SW	4	r	990.8	0	41	-9	W	4	W	bc.pq	5	5	52	39	cm	omr	c.b.pq	1.1	
	Roche's Point ...	989.8	47	SW	4	r	991.3	*	41	-5	W	3	-	b	3	2	52	41	o	op	o.c.b	*	
	Birr Castle ...	986.6	44	W	3	c	987.5	*	35	-7	SW	2	SW	c	*	3	52	35	cp	ep	or.cq	2.5	
	Donaghadee ...	984.1	46	W	4	om	983.4	+1	36	-5	WSW	3	W	bc	2	4	50	34	omr	om	ogm.b	*	
	Liverpool (Bidston)	987.0	49	WSW	3	o	986.4	+3	40	0	W	4	-	b	3	3	52	39	o	e.o	or.b	0.3	
	Holyhead ...	987.5	48	SW	5	ogp	986.8	+2	42	-2	W	4	W	bc	3	8	51	40	omr	p.o.c.p	b.o.p.b	0.7	
	Pembroke (St. Ann's)	990.5	46	SW	5	o	990.3	+2	42	-1	NW	4	NW	eq	4	3	48	42	orq	car	opmar	0.3	
	Scilly (St. Mary's)	993.7	49	SW	4	omr	993.1	+1	46	+1	W	4	W	eqp	6	9	52	45	omr	omr	omr.cq	1.1	
	Falmouth ...	993.6	49	SW	6	r	992.2	+2	44	+1	W	3	-	o	4	17	54	43	q.oq.c	c.oq	rq.o	0.9	
	Jersey (St. Aubin)	999.3	49	WSW	4	ogp	995.1	*	48	+3	W	4	-	o	3	11	49	44	or	or.p	or.o	0.0	
	Portland Bill ...	994.0	48	SW	5	c	991.1	+5	46	0	W	5	W	c	4	13	48	43	or	o.c	or.b	*	
	Dungeness ...	995.1	45	SW	8	q	987.9	+3	47	+6	WSW	4	W	bc	4	15	47	40	b.b.c.o	q	or.b	*	
	Dover ...	995.6	44	S	8	r	989.0	+3	48	+5	W	4	W	c	3	13	48	42	b.b.c.o	omr	r.o.c.b	4.4	
Wick ...	976.8	43	S	5	o	976.3	-1	34	-7	SSW	2	-	b	2	Trace	44	33	bc.opas	omr	bc.m	*		
Nairn ...	977.3	47	SW	3	cg	977.4	*	36	-5	-	0	-	b	2	0.4	51	32	o.cq	q.b	p.c	2.4		
Aberdeen ...	979.9	43	SSE	4	o	978.4	0	38	-1	SW	2	-	b	2	1	44	35	ogp	orq	c.o.c	0.3		
Leith ...	980.5	47	SW	3	c	980.9	0	37	-4	WSW	2	SW	c	*	2	50	35	oc	cp	o	*		
Tynemouth ...	985.0	46	SSW	3	ogm	982.5	-2	40	+1	W	2	-	bc.m	2	-	47	38	ogm	ogm	bc.m	*		
Spurn Head ...	988.6	45	S	6	c	984.9	-4	43	+5	W	5	-	eq	6	2	48	38	crq	crq	car	0.2		
Yarmouth ...	994.4	44	S	8	omr	985.0	0	44	+6	W	3	W	om	2	4	51	36	bm.o	omr	omr	5.0		
Clacton-on-Sea ...	994.8	46	S	6	og	986.4	+2	48	+8	W	4	W	bc	3	5	49	39	b.b.c.oq	ogd	og.c.b	4.4		
Nottingham ...	998.7	46	SW	3	r	986.3	*	43	+7	WNW	5	NW	bc	*	1	47	36	c.or	r.adm	dm.c	0.0		
Bath ...	992.8	49	W	3	o	990.7	*	45	+3	W	2	W	bc	*	6	51	42	or	r.o	or.c.b	0.1		
London (Kew Obs.)	992.8	47	SW	5	o	988.9	+6	46	+6	W	5	NW	bc	*	6	48	39	cm.oq	ad.oq	od.o.c	2.1		
ICELAND, FAEROE, &c.	Spitsbergen ...	1009.9	-11	-	0	b	?	?	7	+18	?	1	*	o	*	*	7	-26	GALES.				
	Isafjord ...																*	Duration and Extreme Force in British Islands.					
	Reykjavik ...																*	Lerwick.					
	Vestmanna ...																*	6th 5pm-3pm. SSE 8.					
	Seydisfjord ...																*	Stornoway.					
NORTHERN EUROPE.	Thorshavn ...																*	6th 1pm. S. 8.					
	Vardö ...	1012.0	27	-	0	b	1012.4	0	28	+5	S	3	-	b	2	*	28	14	Castlebay				
	Bodö ...	1002.4	30	E	2	b	999.8	-1	36	+6	ESE	4	-	b	2	-	36	28	8am-11am SE 8				
	Christiansund ...	994.7	43	-	0	b	986.9	+3	41	0	-	0	-	o	5	-	46	37	Blacksod Point				
	Skudesnaes ...	994.1	39	S	7	o	982.0	-3	43	+4	SSE	8	-	o	5	-	45	39	6th 7am-9am. SSW 8.				
	Færder (X'ianla Fjord)	1000.6	36	-	0	m	994.0	-3	36	-1	SE	4	-	o	2	-	41	34	Dungeness.				
	The Scaw (Skagen)	1000.4	39	SSW	1	b	992.2	-7	36	0	SE	4	-	f	4	-	43	34	6th 4pm-8pm. SW 8				
	Blaavands Huk	1000.6	39	S	2	c	986.9	-5	41	+4	SSE	6	-	r	2	2	43	36	Dover.				
	Haparanda ...	1011.7	19	SSE	2	b	1010.6	-1	21	+5	NE	2	-	o	*	-	30	3	6th 5pm-8pm. S. 8.				
	Hernösand ...	1008.3	28	NE	2	S	999.7	-6	28	0	NE	4	-	S	*	7	32	23	Aberdeen				
FRANCE, &c.	Stockholm ...	1004.2	34	SE	2	r	991.8	+2	34	-2	W	2	-	f	*	9	43	32	6th 1pm. SSE 19 mps.				
	Wisby ...	999.3	37	ESE	4	r	998.1	+3	36	0	WSW	2	-	o	*	7	43	34	2pm. SSE 20 mps				
	Karlstad ...	1001.9	39	E	2	r	998.8	-3	36	0	-	0	-	o	*	Trace	43	?	Yarmouth				
	Petrograd (6 a.m. G.M.T.)																*	6th 5pm-8pm. S. 8.					
	The Helder ...	999.3	46	S	5	r	985.0	-1	45	+2	S	3	-	r	2	7	48	43	London (Kew)				
	Brussels ...	*	*	*	*	*													6th gusts SSW 8 at 12.45pm.				
	C. Gris Nez ...	997.1	44	SW	7	r	987.3	+3	46	+5	WSW	6	*	bc	5	10	46	41	1.10pm, 1.22pm, 1.23pm & 1.45pm.				
	La Hève ...	996.4	44	SW	5	r	995.0	*	46	+7	WNW	5	*	o	5	9	48	39					
	Ushant ...																						
	Brest (St. Mathieu)	999.9	50	SW	5	r	997.6	0	50	+2	W	3	*	o	4	30	57	48					
SOUTHERN EUROPE.	Rochefort (Ile d'Aix)	1009.0	48	SW	7	r	1002.6	+1	52	+5	WSW	8	*	f	*	22	55	46					
	Biarritz ...	1012.6	50	S	2	f	1011.4	+1	55	+7	SW	3	*	c	5	2	57	45					
	Paris ...	1005.2	47	SSW	5	r	994.3	+8	53	+10	W	4	-	o	*	3	54	43					
	Belfort ...																						
	Lyons ...																						
	Nice ...	1006.6	56	W	5	bc	1006.3	0	51	+1	W	6	*	bc	6	-	64	46					
	Perpignan ...	1013.9	54	NW	1	o	1012.3	-2	52	0	W	1	-	o	*	-	59	41					
	Sanguinatre ...																						
	Corunna (7 a.m.)	1016.2	59	SW	5	o	1016.2	-0	55	+5	SSW	6	-	r	5	2	61	55					
	Madrid (8 a.m.)																						
Lisbon (9 a.m.)	1023.5	54	SSW	4	r	1024.0	+1	54	+4	SW	2	-	o	5	-	59	54						
Gibraltar ...																							
Rome ...																							
Azores (Horta, 8 a.m.)	1020.6	*	WSW	5	c	1028.7	+2	61	+2	W	3	*	o	2	-	64	59						
Madeira (Funchal)	1028.6	63	N	2	b	1028.4	0	59	+4	N	2	-	b	2	-	64	57						



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.

Cones Hoisted on South & East Coasts at 2.15.

Western Channel and Bay 11

Light to fresh South-Westerly winds; fair at first, showery later, sleet or snow in places; cold.

Fresh and gusty Westerly winds, changeable, some showers, fine intervals; rather cold.

Fresh or strong Westerly to South-Westerly winds; changeable, showery, some fine intervals; cold at first, milder later.

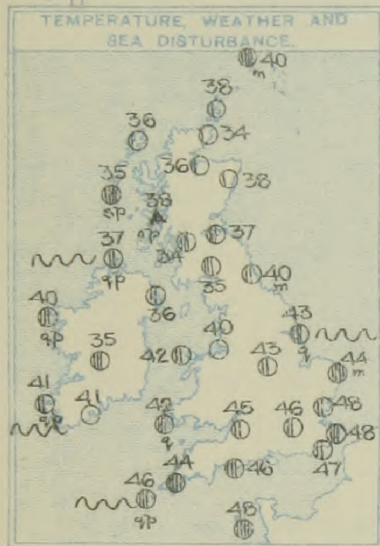
Strong Westerly and South-Westerly winds and a rough sea; squally, showery; normal temperature.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 7TH APRIL, 1915.

GENERAL INFERENCE.

Small secondary depressions will pass from west to east across the United Kingdom and will occasion squally, showery weather in nearly all districts.

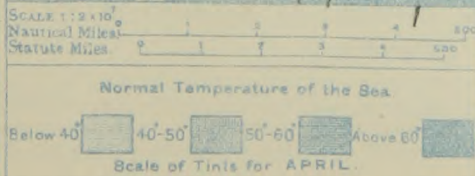


Miles. Inches.

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.

TEMPERATURE.—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded.

○ sky & clouded. ○ overcast sky. ● rain falling.

* snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.

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

DAILY WEATHER REPORT.

Wednesday 7th April 1915.

REPORTS FOR YESTERDAY. 6th April 1915	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	
		Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dirce. of Upper Cloud.	Weather.	Sea 0-9.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.						
F.						F.	F											
Petrograd	1006.9	28	ESE	2	S	1007.7	+2	28		-	0	-	S	*	1	36	21	
Lyons	1011.5	55	-	0	bc	1013.5	*	42		WNW	3	-	r	*	2	64	42	
Madrid	1014.9	57	WSW	1	0	1020.0	+4	46		-	0	-	bc	*	-	59	41	
Lisbon	1019.3	55	NW	4	c	1023.3	+1	50		W	3	-	b	*	Trace	59	48	
Rome	1007.4	55	N	3	b	1009.0	+1	46		-	0	-	b	*	-	66	46	
Madeira	1027.1	64	NE	2	c	1029.0	+1	55		N	3	N	bc	3	-	69	55	

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
		mm. §	° F.	° F.			Hr.			mm. §	° F.	° F.			Hr.	
Scot- land.	Oban	3	47	36	r. op	o	0.8	England, S.E.	Tunbridge Wells	6	47	32	b. bc. or	or. d	2.4	
	Banff	-	43	33	o	c. bc	0.8		Margate	0.3	51	37	b	op.	4.7	
	St. Andrews	1	47	32	*	*	0.5		Ramsgate							
Eng., N.E.	Harrogate	2	44	33	bc. or	r. o	0.4		Folkestone	2	49	36	bc. o	or	3.7	
	Scarborough	*							Hastings	3	48	36	b. bc. o	or	3.0	
	Skegness	1	47	33	or	r. ow	2.2		Bexhill-on-Sea	4	46	39	d. c. or	r	2.4	
Eng., N.W.	Morecambe								Eastbourne	4	48	40	b. or	org	2.6	
	Blackpool	3	49	35	or	or. o	0.1		Seaford	2	47	37	c	r	2.0	
	Southport	2	51	35	or	or. c. o	0.3		Brighton	3	46	36	o. or	or. o	1.4	
Midlands.	Buxton	4	45	33	or	or	0.0		Worthing	5	48	32	o	d	1.6	
	Leamington Spa	1	48	32	od	o	0.0		Littlehampton	4	47	32	b. bc. or	or	1.3	
	Malvern	2	53	31	c	c	0.0		Bognor	3	47	37	bc. od	od	1.0	
	Ross-on-Wye	1	52	37	org. bc	bc	0.3		Southsea							
Wales.	Rhyl	-	53	37	b	b	1.7		England, S.W.	Bournemouth	4	49	36	d.	or. o	0.0
	Colwyn Bay	1	52	40	bc. or	bc. o	2.3			Weymouth... ..	3	50	40	od	od. c	0.3
	Llandudno	1	53	34	cp	bc	0.8	Torquay		9	54	39	or	r. c. o	0.9	
	Aberystwyth	1	48	40	r. o. c	c. o	1.0	Paignton		10	54	35	bc. or	or. bc	1.0	
	Tenby	5	53	46	bc. c. o	o	0.4	Falmouth		11	54	40	org. or. c	c. org	0.9	
	Swansea							Penzance		14	55	42	c	or	1.4	
England, E.	Cromer	1	52	37	bc	o. or	4.8	England, S.W.	Newquay	6	52	39	om	om. odr	0.0	
	Lowestoft	1	50	36	bc. c. o	or	5.3		Ilfracombe	5	51	41	r. o	o	0.0	
	Felixstowe	1	48	34	bc	org	4.6		Weston-super-Mare	0.3	51	37	r. o	r. o	0.0	
	Walton-on-Naze	1	47	35	bc. or	or. o. c	4.8									
	Southend-on-Sea	-	46	36	b. bc. or	p. c. o	2.7									

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Fore- noon.		After- noon.	Night.	
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	%	%	Hr.	° F.	° F.	° F.	mm. §			
City (Bunhill Row) ...	40	67	2.2	49	45	42	7	0	0	c. d.
Westminstef (St. James's Pk.)	*	*	1.7	*	*	*	*	*	*	*
Westminstef (St. James's Pk.)	40	69	1.8	49	46	42	6	q. or	or	u. r. bc
Camden Sq. (Brit. Rainfall)	88	65	0.5	50	45	40	5	0	or. 0	*
Hampstead (Reservoir)	*	70	1.6	46	41	34	5	c. or	or. bc	c
Richmond Park	*	*	2.3							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	84	62	1.8	588 Joules		12.4 Milli-watts.		36 Milli-watts.		

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

7th-8th April 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.15	G.M.T. 11.55	G.M.T. 6.35
Greenwich ...	5.12	11.53	6.37
Wick ...	5.25	12.2	6.41
Valencia ...	5.26	12.14	7.3
	5.23	12.44	7.5
	6.3	12.43	7.21
	6.2	12.43	7.23

Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm §	* F.	* F.	F.				Hr.
Dublin to 4 p.m.								*
Darwen to 9 p.m.								
Manchester	2	47	41	*	r	cg. r	gr	0.0
Birmingham "	4	46	34	30	*	or	or	0.0
Oxford to 9 p.m.	*	42	35	28	b. c. 0	0. or	0	*
Teignmouth to 9 p.m.	6	55	39	33	c. or	cr. c	c	0.3
Plymouth	"							
S. Kensington (Museum Grounds to 6 p.m.)	1	51	37	28	b	c. or, or. or	0. c. or	*

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50° and upwards in many districts and reached 55° at Penzance. Rain fell generally, rather heavily in the extreme south of England, and a fresh gale from South or South-West was experienced on nearly all coasts.

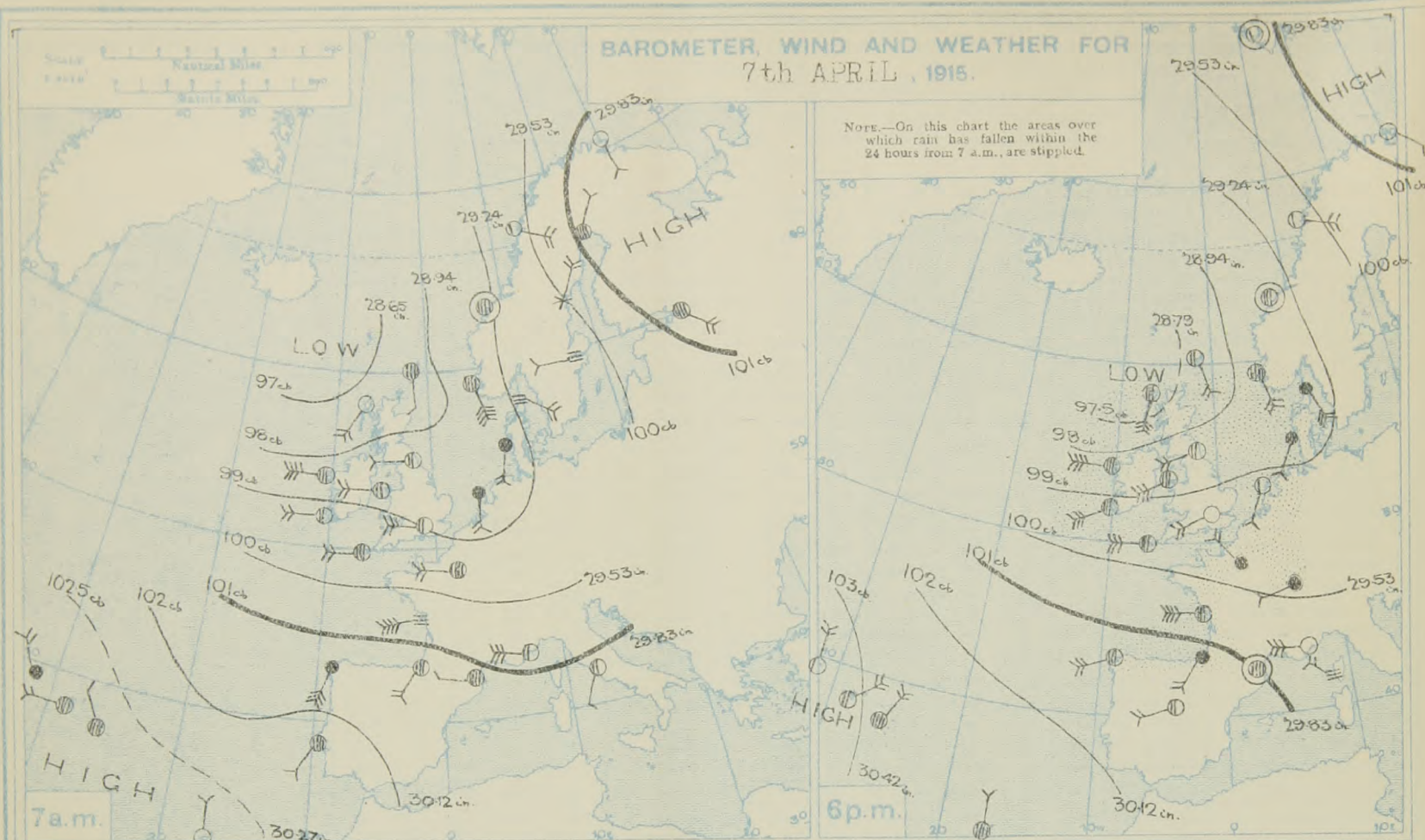
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 98.

Thursday,
8th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Force 0-12.	Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
	Lerwick ...	977.8	42	SSE	3	bc	978.1	0	42	+2	SE	4	-	bc	4	-	46	39	bc	bc	bc.b.c.	*
	Deerness ...	975.9	44	SSW	4	bc	972.6	+	39	+1	SE	5	-	bcu	5	-	47	35	b.bc	bc	bc.b.bc	9.8
	Stornoway ...	972.9	40	SSW	0	cpq	969.5	+6	43	+7	WNW	5	WNW	car	5	7	43	36	cp.othg.	cpq	o.c.pd	5.3
	Castlebay (Barra Isd.)	974.8	42	SW	5	o	976.9	+6	46	+11	W	7	W	op	6	4	46	34	sp.bch	bchsp	o.bc.op	2.9
	Glasgow ...	981.7	34	SW	3	o	979.7	0	41	+7	SW	6	W	o	*	5	42	33	c.ostp	osp	o.c.osp	2.3
	Eskdalemuir ...	982.9	38	SSW	4	cpq	983.5	+1	37	+2	SW	6	-	or	*	9	42	33	c.cqph	cpq	cp.c	5.4
	Malin Head ...	979.9	38	WSW	6	cpq	982.9	+4	44	+7	WNW	8	WNW	emqr	8	2	45	36	cp	bcap	empar	5.7
	Blackod Point ...	983.0	43	W	7	cm	994.6	+8	44	+4	W	9	W	bc	6	3	49	35	bcqph	cmqph	cmr	*
	Valencia ...	992.9	45	WSW	6	c	1004.0	+7	46	+5	W	6	W	bc	6	4	48	39	bcqph	bcqph	cmr	6.5
	Roche's Point ...	993.2	43	W	4	bc	1002.7	*	43	+2	W	4	W	b	3	1	44	41	bcq.	bcap	bcpl.b	*
	Birr Castle ...	989.5	38	W	4	c	998.1	*	42	+7	W	3	W	bc	*	2	47	35	cp	cp	bcap	8.7
	Donaghadee ...	982.8	42	W	6	bcq	987.1	+5	42	+6	W	5	W	bcq	4	1	48	35	bcq	bcq	bcq	*
	Liverpool (Bidston)	987.8	43	WSW	4	b	991.2	+2	43	+3	WSW	6	W	cp	5	3	48	38	b	bph	l.bcp	8.5
	Holyhead ...	987.6	45	WSW	6	cpq	993.5	+6	44	+2	W	7	W	bcq	6	1	48	40	bc.c.o	op.cph	bl.bcp	8.5
	Pembroke (St. Ann's)	992.7	45	WSW	5	bc	999.4	+5	42	0	W	6	W	bcq	6	1	46	42	cp	bc	bcq	7.8
	Scilly (St. Mary's)	997.4	47	W	6	cp	1004.8	+8	46	0	WNW	8	W	emqr	7	1	51	43	bc.b	bc.c	c.bcp	6.3
	Falmouth ...	996.5	46	W	5	bc	1003.7	+5	45	+1	W	6	-	b	4	1	51	42	o.b.c	bc.cph	bcq	5.7
	Jersey (St. Aubin)	997.8	48	W	4	b	1004.0	*	46	-2	W	5	WNW	c	3	2	50	42	o.c.or	r.op.o.b	b.op.c	3.8
	Portland Bill ...	994.6	47	W	5	b	999.6	+4	46	0	W	6	WNW	bc	5	0.2	49	43	c.bc	bc	b.p.bc	*
	Dungeness ...	992.3	46	W	5	c	998.4	+2	45	-2	SW	4	SW	b	4	-	51	42	bc	bc	bc	*
	Dover ...	992.8	46	SW	4	b	998.4	+3	44	-4	WSW	4	SW	b	3	0.2	53	39	c.bc	bcp.bc	b	8.2
	Wick ...	976.8	40	SSW	3	bc	971.5	-3	41	+7	S	4	-	c	4	2	45	33	bc	bc	bc.op.c	*
	Nairn ...	977.3	40	W	3	bcu	970.0	*	39	+3	WSW	2	-	cd	2	2	47	31	bcq.	bcq.	p.cq	9.0
	Aberdeen ...	978.7	44	SSW	2	bc	975.4	-2	41	+3	S	3	-	o	2	0.1	50	35	b.bc	bc	b.op	9.2
	Leith ...	980.9	39	SW	3	c	978.7	-1	43	+6	WSW	4	SW	cp	*	3	47	35	c.cp	cp	cp.r	*
	Tynemouth ...	983.3	43	SW	4	bcu	983.5	0	42	+2	SW	3	-	cm	3	-	49	40	bcq.	bcq.	bcu	*
	Spurn Head ...	988.3	43	WNW	8	bcq	991.3	0	40	-3	WNW	5	-	cp	5	-	49	36	bc	bcq.	bcq.	?
	Yarmouth ...	991.4	48	SW	2	bc	995.1	+2	40	-4	SW	3	W	bc	2	-	53	37	o.cmq	omq.bc	b.bc	6.8
	Clacton-on Sea ...	991.4	45	WNW	1	bc	996.9	+3	42	-6	W	4	-	b	4	0.3	53	40	bc.c.bc	bc.cq	bc.b	7.5
	Nottingham ...	989.6	47	W	4	c	992.8	*	42	-1	WSW	4	SW	c	*	Trace	52	36	c.b	c	c.bdm	8.6
	Bath ...	993.6	47	W	3	b	998.4	*	45	0	W	4	W	c	*	1	52	38	bc.c.b	b.bc	b.bc.or	9.2
	London (Kew Obsy.)	992.9	50	WSW	4	W	997.6	+2	42	-4	WSW	5	W	bc	*	-	53	39	bc.c	c.bcu.b	b.b.c	8.7
	Spitsbergen ...	1009.2	7	-	0	b	1009.3	+1	2	-5	N	2	*	o	*	*	12	0	GALES.			
	Isafjord ...												*	*	*	*	*	*	Duration and Extreme Force in British Islands.			
	Reykjavik ...												*	*	*	*	*	*				
	Vestmanna ...												*	*	*	*	*	*				
	Seydisfjord ...												*	*	*	*	*	*				
	Thorshavn ...												*	*	*	*	*	*				
	Vardö ...	1010.6	30	SE	1	b	1001.7	-3	30	+2	SE	2	-	o	2	*	30	19				
	Bodö ...	995.9	30	ESE	4	b	992.7	-2	32	+4	E	6	-	b	2	-	36	27				
	Christiansund ...	982.0	43	-	0	c	981.0	0	43	+2	-	0	-	c	3	-	46	41				
	Skudesnaes ...	981.1	41	SSE	4	o	984.0	+1	41	-2	S	5	-	c	4	3	41	39				
	Færder (X'ianla Fjord)	986.3	39	SSE	6	r	986.0	+2	37	+1	WSW	5	-	c	2	16	39	36				
	The Scaw (Skagen)	985.3	39	SSE	5	r	986.6	+3	39	+3	WSW	3	-	b	3	10	39	36				
	Blaavands Huk	984.2	41	SW	2	r	991.5	+2	41	0	SW	2	-	b	2	7	43	37				
	Haparanda ...													*	*	*	*	*				
	Hernösand ...													*	*	*	*	*				
	Stockholm ...													*	*	*	*	*				
	Wisby ...													*	*	*	*	*				
	Karlstad ...													*	*	*	*	*				
	Petrograd (5 a.m. G.M.T.)													*	*	*	*	*				
	The Helder ...	990.3	45	SSW	2	b	995.3	+3	45	0	SW	4	-	b	3	3	46	43				
	Brussels ...	*	*	*	*	*	998.7	+3	45	-1	SW	6	*	bc	5	1	48	43				
	C. Gris Nez ...	992.4	45	WSW	5	b	1003.3	*	43	-3	W	6	*	bc	5	2	48	43				
	La Hève ...	997.1	48	WNW	4	bc	1007.7	*	48	-3	WNW	6	*	bc	7	6	52	45				
	Ushant ...	1003.4	48	W	4	o	1008.8	+5	47	-3	WNW	5	*	bc	5	8	52	45				
	Brest (St. Mathieu)	1002.6	48	W	4	c	1011.7	+10	49	-3	WNW	6	*	c	*	6	55	45				
	Roche fort (Ile d'Aix)	1004.3	52	W	8	c	1017.7	+5	51	-4	WNW	5	*	bc	6	13	61	50				
	Biarritz ...	1012.4	55	SW	3	r	1017.7	+5	51	-4	WNW	5	*	bc	6	13	61	50				
	Paris ...	996.0	48	WNW	3	o	1004.3	+4	43	-10	SW	2	-	o	*	4	59	39				
	Belfort ...	999.4	45	WSW	2	r	1006.4	*	39	*	W	2	*	o	*	25	48	39				
	Lyons ...													*	*	*	*	*				
	Nice ...	1003.4	57	W	6	b	1006.1	+3	57	+6	W	6	*	bc	6	-	68	51				
	Perpignan ...	1010.0	63	-	0	o	1011.8	+5	57	+5	WNW	5	SW	o	*	Trace	72	52				
	Sanguinaire ...	1008.3	57	NW	3	m	1007.1	*	56	*	SE	3	*	f	3	-	68	40				
	Corunna (7 a.m.)	1016.0	62	WSW	5	c	1025.3	+5	53	-2	NW	5	-	bc	5	1	61	50				
	Madrid (8 a.m.)	1017.1	63	WSW	3	bc	1020.6	+4	52	*	NW	4	-	bc	*	-	64	48				
	Lisbon (9 a.m.)																					
	Gibraltar ...																					
	Rome ...																					
	Azores (Horta, 8 a.m.)	1030.7	*	NE	4	bc							*		*							
	Madeira (Funchal)	1027.1	64	N	2	o	1028.0	0	57	-2	N	2	-	o	2	-	66	57				



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.

Cones Hoisted at

8.35 a.m.

Western Channel and Bay

Wind shifting to the West or North-West and increasing in force, changeable, some showers, hail or sleet locally; cold.

Fresh to strong Westerly winds; squally, changeable, some showers, but considerable fine intervals; rather cold.

Same as Nos. 0 to 2.

Strong Westerly to North-Westerly winds, a gale in places; squally, showery; rather cold.

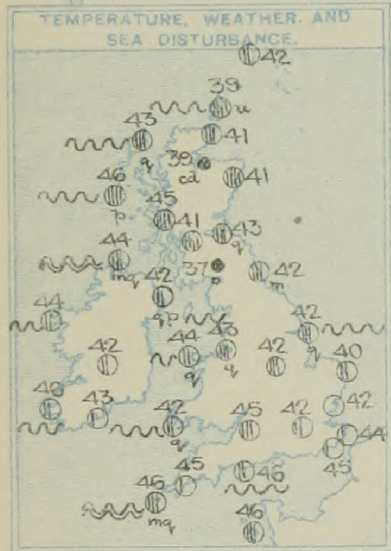
Strong North-Westerly winds and a rough sea; squally, changeable, local showers.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., THURSDAY, 8th APRIL, 1915.

GENERAL INFERENCE.

The depression which is centred over the north of Scotland is likely to travel in an easterly or south-easterly direction across the North Sea.



Scale 1:250,000

Nautical Miles

Statute Miles

Below 40

40-50

50-60

Above 60

Scale of Tints for APRIL.

Normal Temperature of the Sea

Below 40

40-50

50-60

Above 60

Scale of Tints for APRIL.

Normal Temperature of the Sea

Below 40

40-50

50-60

Above 60

Scale of Tints for APRIL.

Normal Temperature of the Sea

Below 40

40-50

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Above 60

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Scale of Tints for APRIL.

Normal Temperature of the Sea

Below 40

40-50

50-60

Above 60

Scale of Tints for APRIL.

Normal Temperature of the Sea

Below 40

40-50

50-60

Above 60

Scale of Tints for APRIL.

EXPLANATION.

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

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

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

WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded.

○ sky & clouded. ○ overcast sky. ○ rain falling.

* snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.

SEA DISTURBANCE.—Rough. High.

DAILY WEATHER REPORT.

Thursday 8th April, 1915.

REPORTS FOR YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
		" F.					" F.	" F.										
	Petrograd	1014.0	32	-	0	f	1012.3	-3	32	+4	SE	4	-	0	*	-	34	28
	Rome	1011.5	55	SW	1	b	1011.7	0	55	+9	SW	1	-	bc	*	-	64	46
7th April.																		

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.			
	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.		
Scot- land.	{ Oban	11	42	35	p. bc	r. o	4.1	{ Tunbridge Wells	8	53	45	bc.	bc. b	7.4	
	{ Banff	-	49	33	b. bc	c. bc	8.9		{ Margate	6	53	44	b. bc	c. bc p. bc	6.0
	{ St. Andrews	1	45	35	*	*	7.8		{ Ramsgate	1	56	43	c	bc p	?
Eng. N.E.	{ Harrogate	2	48	36	ch. bc	b. bc h. b	8.0	{ Folkestone	5	53	43	bc. r. o	r. o. bc	7.0	
	{ Scarborough	*							{ Hastings	7	52	45	or. bc. b	b	7.2
	{ Skegness	1	52	40	bc. o	op. bc p. b	8.8		{ Bexhill-on-Sea	3	49	44	bc. o	o. c. b	5.7
Eng. N.W.	{ Morecambe	5	45	41	bc	bc	9.0	{ Eastbourne	12	51	45	bc. b	o. b	6.0	
	{ Blackpool	6	47	39	b	cph. b	9.2		{ Seaford	9	49	45	b	b. c	3.7
	{ Southport	6	49	39	bc	c. b. oh. b	9.5		{ Brighton	9	50	44	c. bc. cp	c. bc	5.9
Midlands.	{ Buxton	4	47	36	bc	bc	7.3	{ Worthing	9	51	45	bc	bc	6.8	
	{ Leamington Spa	4	53	42	bc	bc p	10.2		{ Littlehampton	9	47	43	b. bc r	r. bc p. bc	6.4
	{ Malvern	10	51	42	bc	bc	6.3		{ Bognor	10	51	45	bc. or	bc. b	6.9
Wales.	{ Ross-on-Wye	2	54	42	bc	bc. cph	8.4	{ Southsea							
	{ Rhyl	6	50	40	b	bc. c	8.3		{ Bournemouth	12	54	42	c. bc	c. b	6.4
	{ Colwyn Bay	5	50	38	bc	b	10.0		{ Weymouth	9	53	44	c. bc	b	7.2
England, E.	{ Llandudno	1	52	36	cph	cph	9.0	{ Torquay	5	53	46	o	c. bc	5.8	
	{ Aberystwyth	4	46	41	r. o. c	c. bc	8.0		{ Paignton						
	{ Tenby	7	49	?	bc	bc	7.8		{ Falmouth	10	51	43	o. bc	bc. cph	5.7
England, E.	{ Swansea							{ Penzance	7	53	45	or. c	bc p. bc	6.5	
	{ Cromer	3	55	42	bc p. bc	bc	8.9		{ Newquay	9	50	44	op. bc p	bc h. p	6.7
	{ Lowestoft	5	53	44	c. bc	bc. cph	7.0		{ Ilfracombe	12	49	41	r. o. b	b	7.1
	{ Felixstowe	4	53	44	bc p	bc	7.6	{ Weston-super-Mare	5	50	43	b. bc d	b	8.0	
	{ Walton-on-Naze	5	53	44	bc	bc p	8.6								
	{ Southend-on-Sea	4	54	44	r. bc. b	bc p. bc	7.4								

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall. mm. §	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.				
				24 HOURS ENDED 9 A.M. TO-DAY.					
Greenwich (Royal Obsy.) ...	51	73	8.2	55	39	32	-	c	c
City (Bunhill Row)	*	*	6.5	*	*	*	*	*	*
Westminster (St. James's Pk.)	59	77	8.4	55	40	32	-	bc	bc m
Camden Sq. (Brit. Rainfall)	57	73	7.3	55	38	33	-	c. bc	bc
Hampstead (Reservoir) ...	*	76	7.8	52	35	25	-	bc p	cp
Richmond Park	*	*	9.3						
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
S. Kensington (Roof of M.O.)	50	71	8.8	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.					
				Total.	Average Rate.	Max. Rate.			
				1381 Joules	29.0 Milliwatts.	67 Milliwatts.			

Additional Observations for Yesterday.

STATIONS.	RAIN FALL. mm. §	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.			
		°F.	°F.			
Dublin to 4 p.m.	3	48	38	35	r. bc	cph. b
Darwen to 9 p.m.	7	45	36	31	c. or. b	or
Manchester "	5	49	40	*	or. bc	bc p
Birmingham "	5	50	38	36	c. r	c
Oxford to 9 p.m.	*	53	42	38	or. o. c	c. cph
Teignmouth to 9 p.m.	4	55	46	42	or. o	o. bc
Plymouth "						bc p
S. Kensington (Museum Grounds to 6 p.m.)	-	54	46	41	or. or	or. bc

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

8th & 9th Apr 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.12	11.55	6.27
Greenwich	5.10	11.55	6.20
Wick	5.23	12.2	6.41
Valencia	5.23	12.2	6.42
	5.23	12.14	7.5
	5.20	12.14	7.3
	6.2	12.43	7.23

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50° or slightly above it in most districts. Showers fell generally and lightning was seen at Holyhead, Liverpool and Roche's Point. A gale from West and North-West was experienced on exposed parts of our western coasts.

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

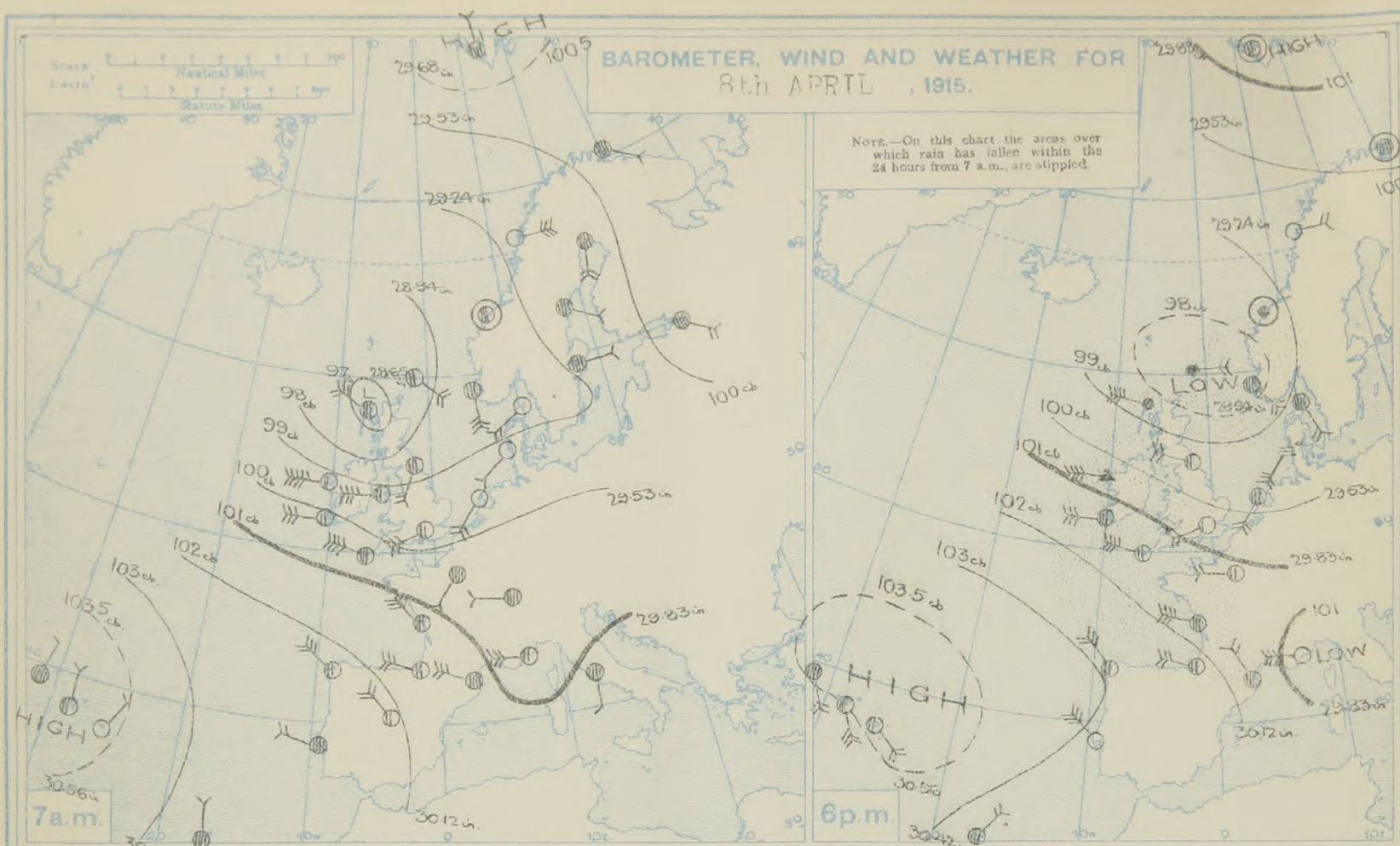
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 99

Friday,

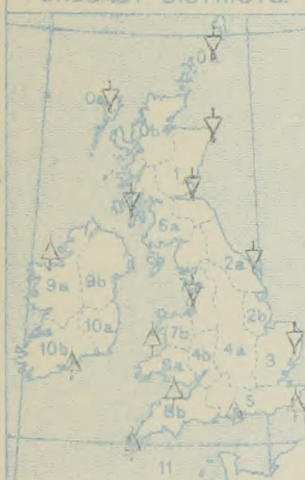
9th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
	Lerwick	981.9	41	E	4	odm	993.9	+3	37	-5	NNE	2	-	or	2	4	45	36	bc	or	bc op	*
	Deerness	982.0	42	WNW	3	c	996.6	*	37	-2	NW	4	NW	bcph	3	4	45	37	oe	or c	cph. bc	0.3
	Stornoway	986.8	41	WNW	7	org	1003.3	+7	41	-2	NW	8	NW	ca	6	7	48	39	a. bepq	beq or c	cpar	5.6
	Castletown (Barra Isd.)	994.4	43	W	7	bc	1008.0	+5	42	-4	NW	5	-	b	5	1	46	37	op. c	a. c. bc	bc. b	3.2
	Glasgow	994.6	41	W	8	or sp	1005.0	+8	38	-3	WSW	5	NW	bc	*	5	46	35	op. ca	rs. pa. b	rs. bc	3.9
	Eskdalemuir	996.0	38	W	6	bc	1004.7	+6	36	-1	WNW	7	NW	c	*	7	46	33	org c	c. bc	c. opaq	4.5
	Malin Head	1008.6	43	WNW	3	cphq	1017.0	+7	41	-3	WNW	7	NW	cpm	6	3	45	36	cphq	cphq	cphq. p	*
	Blacksod Point	1016.2	45	W	6	c	1023.3	+3	44	-2	WNW	5	-	opq	5	3	49	42	bcq	bcq	ve. par	6.7
	Valencia	1014.0	45	WNW	5	bc	1021.4	*	44	+1	WNW	3	-	o	2	1	49	40	cpar	bcq	bcq. op	*
	Roche's Point	1010.6	43	W	3	c	1017.9	*	41	-1	W	3	W	c	*	1	51	38	bcq	chp	c	7.7
	Birr Castle	1000.7	39	NW	3	beq	1009.9	+5	37	-5	WNW	6	NW	bcq	5	1	48	36	bcq	bcq	bcq. p	*
	Donaghadee	1003.0	44	W	6	b	1009.5	+3	41	-2	W	6	W	bcq	6	1	49	39	bcq	cpar	bcq	6.1
	Liverpool (Bidston)	1005.5	45	WNW	6	bcq	1012.3	+3	43	-1	WNW	7	NW	bcq	7	1	50	39	b. bc. c	bc. op	b. bc. c	9.4
	Holyhead	1011.1	45	WNW	5	bc	1017.5	+3	44	+2	WNW	6	W	ca	6	-	47	42	bcq	bcq	bcq	8.8
	Pembroke (St. Ann's)	1014.8	48	WNW	7	bcq	1022.0	+3	46	0	NW	7	NW	bcq	7	1	50	43	bcq	bcq	bcq. p	9.4
	Falmouth	1013.4	47	WNW	6	b	1020.5	+4	45	0	WNW	6	-	bc	4	-	51	43	bcq	bcq	bcq	11.3
	Jersey (St. Aubin)	1012.1	49	W	5	b	1020.3	*	44	-2	WNW	5	NW	b	4	0.3	52	44	c. b	b	b. opaq. b	10.4
	Portland Bill	1009.1	46	WNW	5	bcq	1016.4	+3	45	-1	WNW	6	NW	b	5	1	48	42	ca	bcq	bc. b	*
	Dungeness	1004.9	46	WNW	5	c	1011.2	+2	41	-4	WSW	5	W	b	4	-	53	38	b. bc. c	bc. c	b. bc	*
	Dover	1008.0	46	W	4	bc	1011.3	+3	43	-1	W	4	W	bc	5	2	55	38	bc. c	c. bc	bcq. bc	9.4
	Wick	983.3	40	NW	4	r	997.6	+6	40	-1	WNW	3	NW	o	3	6	47	38	c. op	o. c. or	omphq	*
	Nairn	987.7	39	WNW	6	ca	1001.7	*	39	0	WNW	4	-	org	5	7	50	37	rs. c	cpar	p. cpar	1.8
	Aberdeen	986.3	44	WNW	7	b	993.7	+8	41	0	WNW	6	W	bcq	3	4	50	38	cpar	bcq. b	b. bcq. p	5.6
	Leith	991.7	45	W	6	bc	1003.1	+4	42	-1	W	2	-	bc	*	0.2	52	37	cpar	bcq	bcq	*
	Tynemouth	992.8	46	WNW	4	bc	1001.8	+8	42	0	NW	4	-	bcq	4	-	52	41	cpar	cpar	bcq	*
	Spurn Head	997.3	46	WNW	7	c	1004.7	+4	44	+4	WNW	8	NW	bcq	7	-	49	35	bcq	bcq	bcq	2.3
	Yarmouth	1000.8	48	W	4	bcq	1006.1	+2	40	0	W	4	W	ca	3	2	52	36	ca. m	bcq. p	bcq	7.1
	Clacton-on-Sea	1002.7	52	WNW	5	bc	1009.5	+3	42	0	WNW	5	NW	b	4	-	55	40	b. bc. c	c. bc	bc. b	9.0
	Nottingham	1002.8	45	W	7	c	1008.3	*	38	-4	WNW	7	-	b	*	1	51	36	c. op	ep	cp. bc	3.7
	Bath	1007.6	46	W	3	b	1014.5	*	45	0	W	5	-	bc	*	2	53	40	cp. bc. b	bc. cps	b. bc. c	7.8
	London (Kew Obs.)	1005.9	46	WSW	4	b	1012.1	+2	42	0	W	5	-	b	*	2	53	40	bc. opaq. b	bc. opaq. b	b. bc. opaq. b	7.8
	Spitsbergen	1012.7	48	-	0	bc	1016.4	+7	40	+8	-	0	*	b	*	2	49	42	GALES.			
	Isafjord												*	*	*	*	*	*	Duration and Extreme Force in British Islands.			
	Reykjavik												*	*	*	*	*	*	Stornoway			
	Vestmanna												*	*	*	*	*	*	8th 6pm squalls WNW 8			
	Seydisfjord												*	*	*	*	*	*	9pm-9th 12m NW 8			
	Thorshavn												*	*	*	*	*	*	Glasgow			
	Vardö	1000.7	32	-	0	o	1000.0	0	34	+4	ESE	2	-	r	2	*	32	27	8th 11am - between mid & 1pm 3			
	Bodö	992.8	34	E	0	b	992.8	+1	34	+2	E	1	-	m	1	*	37	28	WS in squalls.			
	Christiansund	997.8	39	-	0	r	988.8	+3	37	-6	-	0	-	b	3	2	41	34	Eskdalemuir			
	Skudesnaes	992.8	41	SE	4	o	997.8	+3	41	0	N	3	-	c	3	2	45	34	8th 1pm W 8 gust 21mps			
	Færder (X'ianta Fjord)	991.8	39	SSE	4	o	988.8	0	39	+2	S	6	-	r	3	3	41	36	7th 1am-2am WNW 9 gust 27mps			
	The Scaw (Skagen)	992.6	39	SSE	3	o	992.0	+5	41	+2	SW	3	-	o	3	2	45	37	Blacksod Point			
	Blaavands Huk	993.0	43	SW	5	m	993.7	+1	39	-2	WSW	4	-	c	4	1	43	37	8th 1am-9th 5am W 10 at 5am.			
	Haparanda †	993.3	34	ENE	4	r	993.3	+4	34		S	4	-	o	*	3	37	32	Donaghadee			
	Hernösand †	994.4	32	-	0	o	998.7	+1	32		-	0	-	o	*	1	34	28	8th 3am-9th 5am W. 9.			
	Stockholm †	995.7	36	WSW	2	bc	997.5	*	37		S	2	-	b	*	1	37	32	Southport			
	Wisby †	998.3	41	3	2	b	999.8	+2	41		S	2	-	b	*	1	43	32	8th 4am-2pm 4pm W 9. gusts			
	Karlstad †	994.0	37	S	2	bc	993.6	0	36		SSE	4	-	o	*	3	43	32	9pm-9th 1am 30mps			
	Petrograd (G.M.T.)														*	*	*	*	Holyhead			
	The Helder	999.3	45	SW	4	c	1002.9	0	43	-2	W	7	-	bc	6	-	48	43	8th 3pm squalls 25mps.			
	Brussels	*	*	*	*	*								*	*	*	*	*	Silly			
	C. Gris Nez	1004.6	46	WSW	7	c	1004.9	+2	42	-3	W	6	*	b	5	-	48	41	8th 1am-2pm WNW 8			
	La Hève	1011.9	43	WNW	5	b	1017.0	*	44	+1	NW	4	*	bc	5	-	50	41	9th 5am squalls NW 8			
	Ushant													*	*	*	*	*	Nairn			
	Brest (St. Mathieu)	1008.1	49	NW	6	c	1024.7	+3	48	+1	NW	6	*	bc	5	1	52	43	8th 2pm-5pm WNW 8			
	Roche fort (le d'Aix)	1018.7	50	WNW	7	c	1024.2	+3	46	-3	NW	5	*	c	2	54	45	Aberdeen				
	Biarritz	1023.4	52	WNW	5	bc	1027.8	+2	48	-3	NW	6	*	o	6	54	45	8th 2pm-5pm WNW 8 gust 28mps				
	Paris	1010.7	46	W	3	b	1017.2	+3	43	0	W	2	-	b	*	2	55	39	12.30pm gust WNW 20mps			
	Belfort													*	*	*	*	*	11pm gust WNW 20mps			
	Lyons													*	*	*	*	*	Spurn Head			
	Nice	1005.6	56	W	6	b	1010.4	+2	54	-3	W	1	*	b	5	-	63	45	8th 11am-7am W 8			
	Perpignan	1018.7	54	NW	3	c	1023.1	+3	48	-9	NW	4	-	b	0	Trace	59	43	Nottingham			
	Sanguinaire													*	*	*	*	*	9th 1am WNW 9			
	Corunna (7 a.m.)	1029.9	54	NW	7	bc	1035.1	+4	52	-1	N	3	-	c	5	2	55	48	London (Kew)			
	Madrid (8 a.m.)													*	*	*	*	*	8th 1-10pm WNW 18mps			
	Lisbon (9 a.m.)	1020.6	55	NW	6	b	1032.3	+1	50	-4	WNW	2	-	b	6	-	57	48				
	Gibraltar													*	*	*	*	*				
	Rome													*	*	*	*	*				
	Azores (Horta, 8 a.m.)	1034.9	*	SSE	5	c							*	*	*	*	*	*				
	Madeira (Funchal)	1027.0	66	NE	3	c	1029.9	+2	59	+2	NE	4	-	o	4	-	68	59				



FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

North Coast

Hoisted at

3.25 p.m.

Western Channel and Bay

0 } Strong Westerly and North-Westerly winds;
1 } changeable, some hail or sleet showers; remaining cold,
ground frost to-night.

2 }
3 } Strong Westerly to North-Westerly winds, moderating
gradually later, fair generally, but some local showers,
remaining cold, ground frost to-night.

6 } Same as Nos. 0 and 1.

8 } Strong North-Westerly winds, moderating later,
fair generally, but some local showers; remaining cold,
ground frost to-night.

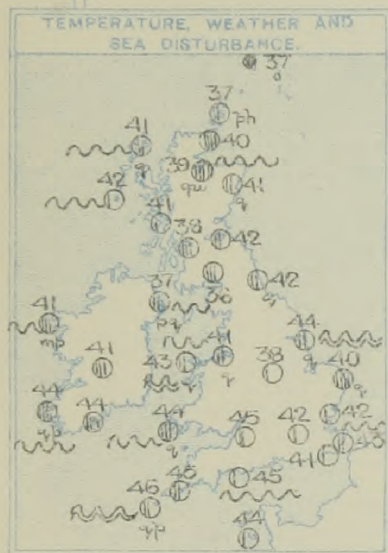
10 } Strong North-Westerly winds and a rough sea, fair
generally, but slight showers locally; rather cold

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m. FRIDAY, 9th APRIL, 1915.

GENERAL INFERENCE.

The northern depression will continue to pass away to the eastward, but there are some indications of the approach of another disturbance from the Faeroe region.



EXPLANATION.

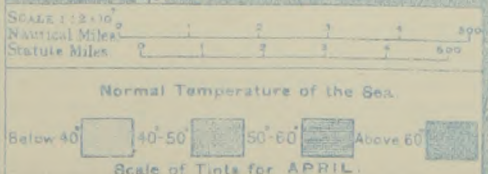
BAROMETER.—Isobars are drawn for intervals of five millibars.

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

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

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

SEA DISTURBANCE.—Rough ~~~ High ~~~~



DAILY WEATHER REPORT.

Friday, 9th April, 1915.

REPORTS
FOR
YESTERDAY.

8th April.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Oban ...	2	47	35	pg	bc	3.8	Tunbridge Wells ...	...	53	38	c.bc	bc, bc	8.1
Banff ...	...	47	34	p.c	bc, pg	3.5	Margate ...	...	54	40	b	b	8.8
St. Andrews ...	2	52	35	*	*	7.1	Ramsgate ...	...	54	38	e	c	8.3
Harrogate ...	8	47	33	c, bc, b	c, op, b	7.3	Folkestone ...	...	54	40	bc, b	r, o, bc	8.9
Scarborough ...	...	...	...	...	...	...	Hastings ...	...	53	40	b	bc, b	6.8
Skegness ...	...	52	35	o	o, bc	5.2	Bexhill-on-Sea ...	...	53	36	b	b	12.4
Morecambe ...	...	...	...	...	...	...	Eastbourne ...	...	53	43	b, bc, b	b	9.6
Blackpool ...	...	49	41	c	c	8.2	Seaford ...	Trace	51	43	bc	b	9.8
Southport ...	2	50	38	c, bc	b, bc	6.9	Brighton ...	...	54	40	c, bc	bc, c, bc	8.4
Buxton ...	3	45	34	bc	bc	1.4	Worthing ...	...	55	42	bc	bc	9.2
Leamington Spa ...	1	52	37	bc, cp	bc, cp	6.6	Littlehampton ...	0.3	54	41	b, bc, b	bc, b	10.7
Malvern ...	1	51	38	bc	bc	9.4	Bognor ...	...	54	42	bc	bc	11.2
Ross-on-Wye ...	0.3	52	39	bc, q	bc, gh	5.6	Southsea ...	...	59	42	o, bc	bc	9.3
Rhyl ...	...	50	40	eq	bc, q	5.8	Bournemouth ...	1	55	39	bc	bc	10.7
Colwyn Bay ...	...	50	38	bc	bc, o	8.0	Weymouth ...	...	53	41	bc, b	bc, b	10.0
Llandudno ...	...	51	45	c, b	b	5.0	Torquay ...	2	52	40	c	bc, b	10.4
Aberystwyth ...	...	48	43	o, c	c, bc	4.5	Paignton ...	1	53	40	bc	bc	10.2
Tenby ...	...	51	45	b	b	9.1	Falmouth ...	...	51	42	bc, q	bc, q	11.1
Swansea ...	...	...	...	...	...	...	Penzance ...	1	54	44	bc	b	10.1
Cromer ...	...	53	37	c, b, bc	bc	7.5	Newquay ...	4	49	40	eph, b	bc	10.5
Lowestoft ...	1	52	36	bc, c, eq	c, eq, ps	7.0	Hfracombe ...	0.3	49	41	b	bc, bc	8.6
Felixstowe ...	...	54	39	bc	bc, q	8.5	Weston-super-Mare ...	1	49	39	b, bc, b	b, bc	6.2
Walton-on-Naze ...	...	54	38	bc	bc	9.7							
Southend-on-Sea ...	...	55	39	b, bc	bc, bc	8.7							

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	Humidity.		Sun- shine for Yesterday.	TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yesterday.
	p.m. Yesterday.	a.m. To-day.		In Screen.	Min. on Grass.	Max.		Fore- noon.	After- noon.	Night.	
Greenwich (Royal Obs.) ...	56	65	6.8	55	29	33	1	c	c	exh, bc	
City (Bunhill Row) ...	...	...	6.0	...	...	...	...	...	...	...
Westminster (St. James's Pk.) ...	...	...	6.3	55	29	32	0.4	bc	bc, r	bc, r	
Camden Sq. (Brit. Rainfall) ...	50	58	5.7	56	38	34	2	c, c	bc, c	c	
Hampstead (Reservoir) ...	...	63	6.9	54	39	25	2	bc, c	bc, c	c	
Richmond Park ...	...	...	8.0								
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.	Average Rate.	Max. Rate.					
S. Kensington (Roof of M.O.)	51	57	7.2	112.1 Joules	23.4 Milliwatts.	66 Milliwatts.					

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

9th-10th April, 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.10 5.10	G.M.T. 11.55 11.54	G.M.T. 6.39 6.40
Greenwich ...	5.21 5.18	12.2 12.1	6.43 6.44
Wick ...	5.10 5.17	12.14 12.13	7.7 7.9
Valencia ...	6.0 5.58	12.43 12.42	7.25 7.26

NOTES ON YESTERDAY'S WEATHER.

Showers of rain or hail fell generally, a thunderstorm occurred in the London district and lightning was seen at Donaghadee. A fresh to strong gale from West and North-West was experienced on our north-west, north and 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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 100.

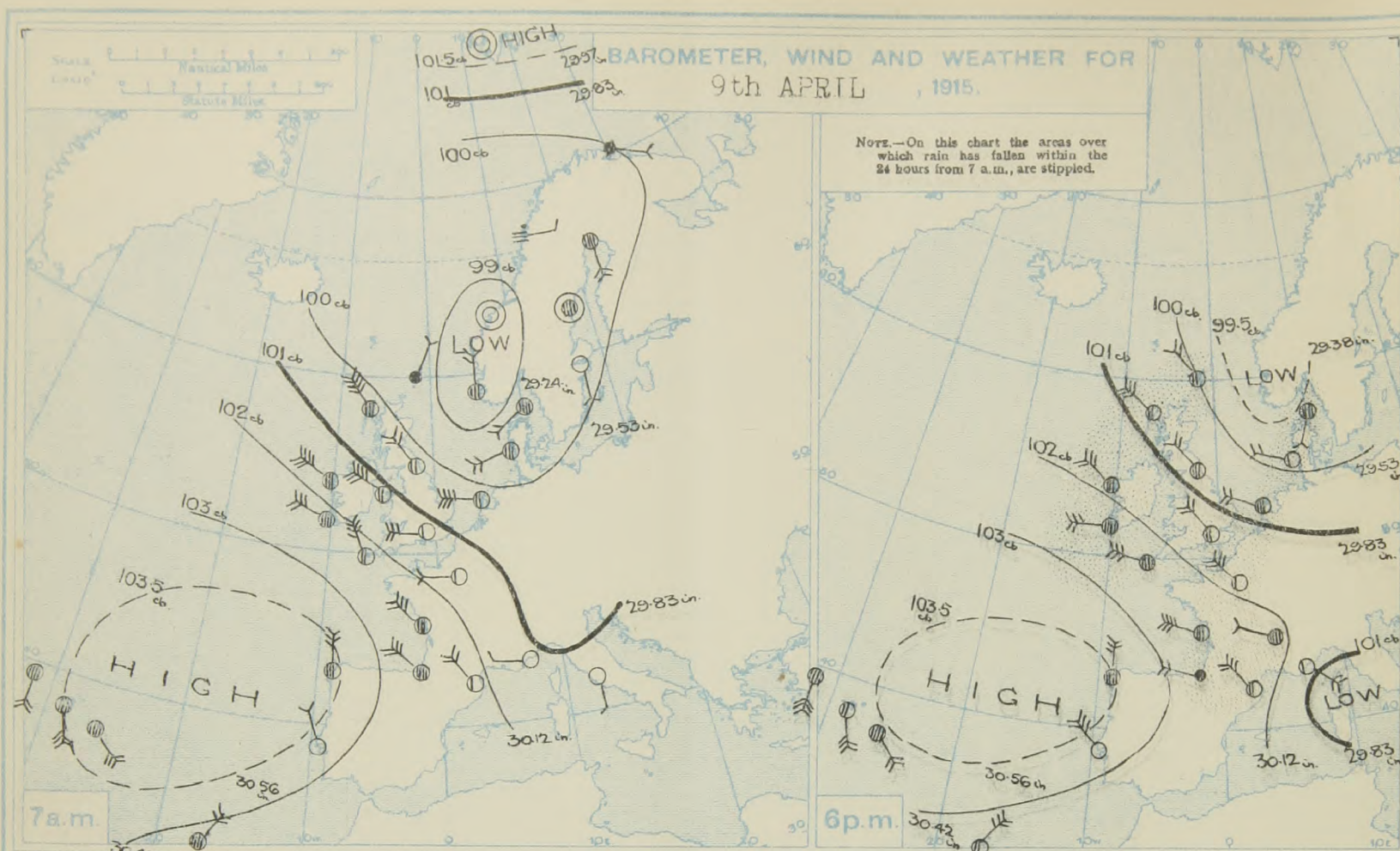
Saturday
10th April, 1913.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dirac.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
	Lerwick	1000.1	42	NW	3	bc	1009.4	+6	41	+4	NNW	3	bc	2	0	46	35	c	bc	cp. bc		
	Deerness	1005.4	43	NW	6	bp	1011.3	*	43	+6	NNW	3	bp	3	5	44	37	erhp	op. o	bf. b	3.0	
	Stornoway	1009.9	42	NW	6	bcgkp	1016.0	+2	41	0	NNW	2	bc	2	2	46	36	c. bc. chyp	c. bcgkp	bc	8.3	
	Castlebay (Barra Isd.)	1012.8	44	NW	3	o	1016.4	+1	43	+1	-	0	o	1	1	47	39	b. o. bc	bc. o	o. b. o	5.2	
	Glasgow	1011.4	43	WNW	4	bc	1016.7	+3	35	-3	WNW	1	b	*	0.2	48	33	bc. bg	bc. bg. c	bc. b. c	10.1	
	Eskdalemuir	1011.2	40	NW	6	bcg	1016.1	+2	38	+2	NW	2	b	*	-	48	31	c. bc	bc	bc	8.3	
	Malin Head	1015.5	43	NW	4	omr	1016.5	+1	45	+3	W	3	NW	cm	7	46	40	bcg	cap	omr	4.0	
	Blacksod Point	1019.7	46	WNW	5	cm	1018.5	0	48	+7	WNW	3	NW	adm	10	49	39	cm	cm	omr		
	Valencia	1025.4	49	W	5	om	1023.0	0	50	+6	WNW	5	ogm	5	3	50	41	cp.	c	bc	0.6	
	Roche's Point	1023.0	50	NW	6	c	1022.0	*	49	+5	NNW	3	r	2	3	50	43	op. o	o. eg	op. or		
	Birr Castle	1020.8	48	W	3	o	1020.0	*	48	+7	W	2	c	*	5	49	41	c. ap	op	cp. or	1.9	
	Donaghadee	1014.6	44	NW	5	cq	1017.2	+3	43	+6	WNW	2	NW	cq	1	47	37	cq	bcg	cm. c. q		
	Liverpool (Bidston)	1015.9	43	W	4	r	1017.7	+3	42	+1	NNW	3	W	b	2	47	40	bg	epg	opar	5.6	
	Holyhead	1016.9	45	W	5	ogq	1018.3	+2	44	+1	NW	3	SW	og	2	49	42	bc. c. bc	c. bc. o	o. bc. o	5.7	
	Pembroke (St. Ann's)	1020.6	45	WNW	4	e	1020.1	0	48	+4	NW	3	NW	op	4	49	44	cq	cq	cp. q	2.8	
	Scilly (St. Mary's)	1024.8	48	WNW	6	og	1022.2	-1	48	+2	WNW	6	NW	omr	7	50	45	bcg	cq	cq. omr	3.1	
	Falmouth	1022.4	47	WNW	7	o	1021.1	0	46	+1	NW	4	r	4	5	50	45	cq. bcg	bcg. og	cq. q	1.5	
	Jersey (St. Aubin)	1022.4	48	W	5	o	1019.6	*	46	+2	WNW	4	op	3	5	52	44	bc	c. o	op	9.1	
	Portland Bill	1019.1	47	WNW	5	c	1019.1	+2	46	+1	NW	4	W	o	4	50	44	b. bc	bc. c	cp		
	Dungeness	1015.0	48	W	4	bcg	1015.4	+2	41	0	NW	3	NW	c	2	52	39	c. q	c. q	c. bc. o. c		
	Dover	1014.7	47	NW	5	b	1015.4	+1	43	0	NNW	5	N	bc	2	52	38	bc. b	cp. c. b	b. bc	10.6	
	Wick	1005.0	44	WNW	3	bc	1013.0	+3	41	+1	W	3	W	bc	2	45	39	c. comp	c. bcg	og. bc		
	Nairn	1008.8	39	NW	2	bcf	1015.4	*	39	0	W	2	bc	2	2	46	36	og. qf	q. cf	gp. c	3.9	
	Aberdeen	1006.5	42	WNW	6	b	1013.4	+3	42	+1	WNW	6	NW	bc	2	Trace	48	38	bcg	bc. bg	bc. b	9.9
	Leith	1009.6	45	W	3	bc	1015.7	+2	39	-3	W	2	b	*	-	50	34	bc. c	bc	b. bc		
	Tynemouth	1008.5	48	NW	3	cm	1014.2	+3	37	-5	W	2	W	bm	3	52	41	cq	cq	bc		
	Spurn Head	1009.7	47	NNW	6	bc	1015.4	+3	40	-4	NNW	5	bc	5	-	50	35	car	bcg	bcg	6.2	
	Yarmouth	1011.8	44	W	2	cm	1014.5	0	39	-1	W	2	W	bc	1	49	37	omr	cm	bc. b	1.4	
	Clacton-on-Sea	1013.0	49	NW	6	bc	1015.2	+2	40	-2	NW	3	bc	1	0.3	52	36	bc. hq	bc	bc. b	9.8	
	Nottingham	1014.0	45	WNW	6	b	1016.8	*	40	+2	WNW	1	bm	*	-	50	37	bc	bc. b	bc. o	9.6	
	Bath	1018.1	47	W	4	o	1018.1	*	44	-1	W	1	o	*	3	52	38	bc. hq	c. bc. op	op	4.3	
	London (Kew Obsy.)	1016.2	47	NW	4	bc	1016.9	+4	41	-1	NW	3	bm	*	3	52	39	bcg. b. g	bcg. b. g	p. bc. h. m	9.7	
	Spitsbergen												*	*	*	*	*	GALES.				
	Isafjord												*	*	*	*	*	Duration and Extreme Force in British Islands.				
	Reykjavik												*	*	*	*	*					
	Vestmanna												*	*	*	*	*					
	Seydisfjord												*	*	*	*	*					
	Thorshavn												*	*	*	*	*					
	Vardö												*	*	*	*	*					
	Bodö												*	*	*	*	*					
	Christiansund												*	*	*	*	*					
	Skudesnaes												*	*	*	*	*					
	Færder (Xiania Fjord)	994.6	39	S	2	o	1001.1	+5	37	-2	NNE	5	o	3	Trace	41	37					
	The Scaw (Skagen)	995.3	39	SSW	2	o	998.9	+4	39	-2	N	3	r	2	4	46	37					
	Blaavands Huk	999.3	41	WNW	3	b	1004.8	+3	41	+2	NW	3	b	3	3	46	34					
	Haparanda												*	*	*	*	*					
	Hernösand												*	*	*	*	*					
	Stockholm												*	*	*	*	*					
	Wisby												*	*	*	*	*					
	Karlstad												*	*	*	*	*					
	Petrograd												*	*	*	*	*					
	The Helder	1008.8	45	WNW	4	c	1011.0	+2	43	0	W	2	bc	2	2	45	39					
	Brussels												*	*	*	*	*					
	C. Gris Nez	1014.7	46	WNW	5	c	1014.4	+1	41	-1	NNW	5	bc	5	1	50	41					
	La Hève	1019.8	45	WNW	5	c	1016.3	*	41	-3	N	4	c	5	9	50	39					
	Ushant	1028.1	48	NW	6	o	1024.8	*	50		NW	4	f	5	1	52	45					
	Brest (St. Mathieu)	1026.7	48	WNW	5	o	1023.8	-1	48	0	NW	5	r	4	1	55	46					
	Rochefort (Ile d'Aix)	1025.5	49	WNW	7	c	1022.0	-1	49	+3	WNW	7	o	*	3	52	46					
	Biarritz	1029.1	48	WNW	4	r	1026.1	0	50	+2	WNW	5	r	6	8	52	46					
	Paris	1018.4	45	NW	3	b	1015.0	-1	39	-4	WSW	2	r	*	1	55	39					
	Belfort												*	*	*	*	*					
	Lyons	1022.1	42	WNW	2	o	1019.8	*	39		SSE	1	o	*	4	50	35					
	Nice	1011.5	61	SE	4	b	1010.0	+1	51	-3	F	4	bc	*	1	64	43					
	Perpignan	1023.9	46	NW	5	bc	1022.1	-2	46	-2	NW	3	o	*	1	57	43					
	Sanguinaire	1009.2	53	WNW	6	o	1010.6	*	52		WSW	4	c	6	1	57	48					
	Corunna (7 a.m.)	1036.6	54	N	5	o	1035.8	+1	52	0	N	3	bc	4	2	55	48					
	Madrid (8 a.m.)												*	*	*	*	*					
	Lisbon (9 a.m.)	1031.4	55	NW	5	b	1030.4	0	48	-2	NNW	4	b	*	1	61	48					
	Gibraltar												*	*	*	*	*					
	Rome												*	*	*	*	*					
	Azores (Horta, 8 a.m.)	1033.2	*	SSE	5	bc							*	*	*	*	*					
	Madeira (Funchal)	1027.3	63	NE	5	bc	1026.4	0	61	+2	NE	4	b	5	-	68	59					

* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

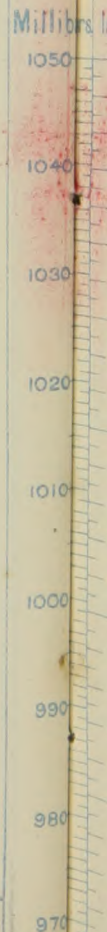
Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

No Warnings Issued.

Western Channel and Bay 11

- | | | | |
|----|---|---|--|
| 0 | a | } | Light Westerly and North-Westerly winds; mostly fair, but slight showers locally; remaining cold. |
| | b | | |
| 1 | | } | |
| 2 | a | | |
| | b | } | Light or moderate North-Westerly to Westerly winds; fair at first, some rain or passing showers later; becoming rather milder. |
| 3 | | | |
| 4 | a | } | Light North-Westerly to South-Westerly winds; fair; cold. |
| | b | | |
| 5 | | } | Moderate North-Westerly winds, backing later to West or South-West; changeable, occasional rain; rather milder. |
| 6 | a | | |
| | b | } | Fresh North-Westerly to Westerly winds and a rough sea; cloudy, misty, local showers; rather milder. |
| 7 | | | |
| 8 | a | } | |
| | b | | |
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| | b | | |
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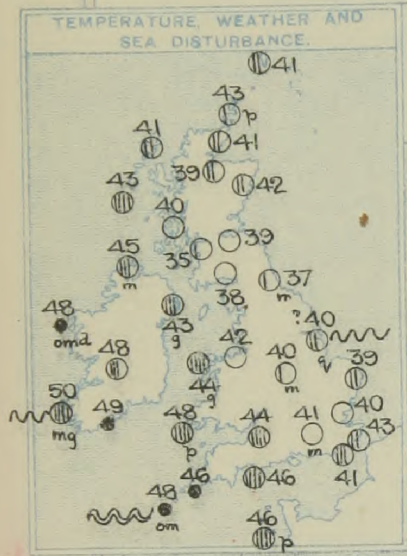
FURTHER OUTLOOK.



SYNOPTIC CHART FOR 7 a.m. SATURDAY, 10th APRIL, 1915.

GENERAL INFERENCE.

There are some indications of the advance of fresh depressions towards our western coasts, and the weather is, therefore, likely to remain in an unsettled state generally.

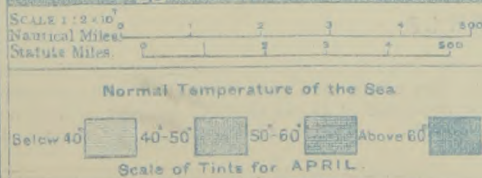


Scale in Inches.

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Saturday 10th April, 1915.

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

Additional Observations for Yesterday.

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50° or slightly above it in most districts. Lightning was seen at a few of the English stations, and a Westerly to North-Westerly gale continued to blow on several parts of our northern and eastern coasts.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 101.

Sunday
11th April 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.	
		Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea S-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Force 0-12.			Milli- bars at M.S.L.	Change in 8 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
																	° F.	° F.					
BRITISH ISLANDS.	Lerwick ...	1016.6	44	WNW	2	C	1019.7	+1	44	+3	S	2	-	bc	1	-	46	37	bc	bc	c.bc	*	
	Deerness ...	1017.6	44	WNW	1	og	1018.9	*	43	0	S	3	-	fe	3	Trace	48	39	b.bc.c	c.o	of	5.5	
	Stornoway ...	1016.7	43	S	3	or	1020.0	+2	49	+8	W	4	-	og	4	7	49	41	bc.c	c.or	ad.nog	4.2	
	Castlebay (Barra Isd.)	1016.9	46	W	1	d	1022.0	+2	47	+4	WSW	3	-	of	3	5	49	43	or	r.d	d.of	0.0	
	Glasgow ...	1020.0	44	W	2	od	1022.5	+2	45	+10	W	2	-	o	*	5	50	35	c.o.c	o	adn.oe	3.4	
	Eskdalemuir ...	1019.9	46	W	3	o	1023.6	+2	41	+3	S	3	-	ond	*	3	55	37	c.bx	c.bx	a.od	9.5	
	Malin Head ...	1018.5	48	WSW	3	ofr	1023.8	+1	47	+2	W	4	-	fd	4	5	43	43	omr	ofr	d	0.0	
	Blacksod Point	1022.7	50	WNW	4	omd	1027.2	0	47	-1	WSW	3	W	fe	3	2	54	45	omd	omd	fe	0.0	
	Valencia ...	1027.4	50	NW	3	m	1030.5	+2	50	0	WNW	2	NW	om	4	1	51	48	omp	omd	omd	0.0	
	Roche's Point	1024.1	52	NW	5	o	1028.7	*	50	+1	NW	4	-	o	3	1	53	49	r.o	o	o	*	
	Birr Castle ...	1022.9	51	W	2	r	1027.8	*	49	+1	W	2	-	o	*	4	52	47	or	or	d.o	0.0	
	Donaghadee ...	1020.1	48	WSW	2	omr	1024.5	+2	48	+5	WNW	3	W	og	2	3	50	42	omr	omr	ofr.og	*	
	Liverpool (Bidston)	1021.5	44	WNW	3	o	1024.2	+1	43	+1	S	2	SW	o	2	2	48	42	bc	c.o	or	5.5	
	Holyhead ...	1021.6	46	WSW	2	or	1024.7	+3	47	+3	NW	5	-	ofe	4	5	49	44	c.o.c	odmp	or.ofd	0.6	
	Pembroke (St. Ann's)	1023.1	45	W	1	r	1026.1	+2	48	0	NW	3	-	ompd	3	4	52	44	op	op	omr	0.0	
	Scilly (St. Mary's)	1022.9	48	NW	5	fd	1027.4	+2	48	0	NW	5	NW	om	6	3	49	43	omd	omd	omd	0.0	
	Falmouth ...	1022.7	49	NW	2	o	1025.3	+2	49	+3	NW	4	-	od	4	5	50	46	or.od	od.or	od	0.0	
	Jersey (St. Aubin)	1021.4	50	WNW	3	C	1025.8	*	47	+1	NW	2	-	oe	1	0.3	52	45	om	c	b.odp	2.8	
	Portland Bill ...	1020.7	49	NW	3	C	1025.3	+2	46	0	-	0	-	o	2	1	50	45	e	c.bc	c.or	*	
Dungeness ...	1018.6	46	E	1	b	1023.8	+2	43	+2	N	2	N	og	2	-	53	36	bc	bc	b.bx	*		
Dover ...	1019.7	46	NE	1	b	1024.9	+2	46	+3	N	3	-	b	2	-	54	36	bc.b	b	b	10.9		
ICELAND, FAEROE, &c.	Wick ...	1018.0	45	WNW	1	o	1019.9	+1	42	+1	S	2	-	o	2	0.2	49	38	bc.omp	om	opd	*	
	Nairn ...	1018.4	48	-	0	og	1020.7	*	47	+8	-	0	-	c	1	3	51	38	bc	bc.c	r.c	2.3	
	Aberdeen ...	1018.8	48	N	1	c	1021.2	+1	45	+3	-	0	-	o	2	0.4	51	41	bcg.c	c.bc.c	c.op	3.7	
	Leith ...	1018.4	51	W	2	o	1022.0	+2	46	+7	W	1	-	od	*	2	53	38	b.bc.c	c.o	a.or	*	
	Tynemouth ...	1019.0	45	-	0	bc	1022.1	+1	44	+7	-	0	-	omr	2	-	49	37	bm	bm	om	*	
	Spurn Head ...	1020.1	45	N	5	bc	1024.8	+4	45	+5	NW	2	-	om	4	-	49	37	bcg	bcg	bc	0.0	
	Yarmouth ...	1019.8	45	NW	3	bc	1024.8	+3	40	+1	W	2	W	bc	1	-	49	37	bcg	bc	bc	10.0	
	Clacton-on Sea	1018.9	51	NW	2	bc	1024.8	+4	41	+1	NNE	1	NE	bc	1	-	53	38	b.bc	bc	bc	11.2	
	Nottingham ...	1019.7	50	NW	3	bc	1024.3	*	45	+6	W	1	W	om	*	-	55	39	bm	b.bem	bc.b	8.9	
	Bath ...	1020.7	52	W	1	C	1025.4	*	45	+1	W	1	SW	r	*	2	55	43	c.c.bc	c.c	c.b.c.or	4.2	
London (Kew Obsy.)	1019.7	52	NNW	2	C	1025.1	+4	43	+2	WSW	1	N	om	*	-	53	40	bm.bc.b	b.bc.c	c.b.c.om	10.6		
NORTHERN EUROPE.	Spitsbergen ...	1020.7	1	ESE	1	b	1022.3	+2	-13	-18	-	0	*	b	*	*	10	-22	*	*	*	*	
	Isafjord ...												*	*	*	*	*	*	*	*	*	*	
	Reykjavik ...												*	*	*	*	*	*	*	*	*	*	
	Vestmanna ...												*	*	*	*	*	*	*	*	*	*	
	Seydisfjord ...												*	*	*	*	*	*	*	*	*	*	
	Thorshavn ...												*	*	*	*	*	*	*	*	*	*	
	Vardö ...	1004.8	32	-	0	b	1008.2	+2	34	-2	W	1	-	b	2	*	37	32	*	*	*	*	
	Bodö ...	1012.4	37	E	1	b	1019.3	+3	37	+1	E	1	-	bc	1	1	37	32	*	*	*	*	
	Christiansund	1013.3	41	-	0	b	1019.8	+3	37	-2	-	0	-	b	3	-	41	32	*	*	*	*	
	Skudesnaes ...	1013.6	41	N	3	b	1021.1	+3	39	-2	NE	1	-	b	1	-	46	34	*	*	*	*	
Færder (Xiania Fjord)	1011.7	39	N	2	b	1020.7	+6	37	0	N	2	-	b	1	-	41	36	*	*	*	*		
The Scaw (Skagen)	1009.1	39	N	3	bc	1019.5	+6	39	0	NE	2	-	c	2	-	48	37	*	*	*	*		
Blaavands Huk	1012.0	41	NW	2	b	1020.2	+3	41	0	NNW	1	-	b	2	-	45	37	*	*	*	*		
FRANCE, &c.	Haparanda ...	1010.6	32	SW	4	o	1015.5	+4	32	+2	N	4	-	bc	*	-	34	30	*	*	*	*	
	Hernösand ...	1012.3	34	SE	2	o	1019.9	+6	34	+2	-	0	N	b	*	-	37	28	*	*	*	*	
	Stockholm ...	1009.1	37	SE	2	o	1019.3	+5	30	-7	ENE	2	-	f	*	-	41	28	*	*	*	*	
	Wisby ...	1008.6	37	-	0	b	1019.4	+7	30	-11	NW	2	-	f	*	-	46	28	*	*	*	*	
	Karlstad ...	1010.4	37	NE	2	b	1020.8	+9	34	-2	NE	2	-	b	*	-	39	28	*	*	*	*	
	Petrograd (5 a.m. G.M.T.)	1008.0	39	NE	1	b	1010.4	+6	36	+2	WNW	2	-	r	*	4	46	34	*	*	*	*	
	The Helder ...	1015.7	43	NNW	4	C	1021.1	+3	43	0	N	2	-	c	2	3	45	43	*	*	*	*	
	Brussels ...	*	*	*	*	*								*	*	*	*	*	*	*	*	*	*
	C. Gris Nez ...	1019.1	46	N	1	C	1023.7	+3	43	+2	N	3	*	o	2	-	52	39	*	*	*	*	
	La Hève ...	1017.9	45	NW	3	bc	1024.6	*	45	+4	NNW	3	*	m	2	-	48	41	*	*	*	*	
SOUTHERN EUROPE.	Ushant ...												*	*	*	*	*	*	*	*	*	*	
	Brest (St. Mathieu)												*	*	*	*	*	*	*	*	*	*	
	Rochefort (Ile d'Aix)	1020.7	50	WNW	5	o	1026.1	+4	43	-6	NE	3	*	o	*	4	50	41	*	*	*	*	
	Biarritz ...	1024.0	50	WNW	5	r	1025.7	+3	48	-2	NE	2	*	o	5	16	52	48	*	*	*	*	
	Paris ...	1018.7	46	N	4	bc	1024.7	+3	39	0	N	1	N	bc	*	1	54	34	*	*	*	*	
	Belfort ...												*	*	*	*	*	*	*	*	*	*	
	Lyons ...												*	*	*	*	*	*	*	*	*	*	
	Nice ...	1007.5	46	-	0	bc	1010.4	+2	52	+1	-	0	*	b	3	-	61	43	*	*	*	*	
	Perpignan ...												*	*	*	*	*	*	*	*	*	*	
	Sanguinaire ...												*	*	*	*	*	*	*	*	*	*	
SOUTHERN EUROPE.	Corunna (7 a.m.)	1034.3	54	NNW	2	o	1031.8	+2	52	0	NNE	4	-	f	5	1	57	52	*	*	*	*	
	Madrid (8 a.m.)												*	*	*	*	*	*	*	*	*	*	
	Lisbon (8 a.m.)	1028.0	57	WNW	4	b	1025.5	0	52	+4	NNW	4	-	b	*	-	63	48	*	*	*	*	
	Gibraltar ...												*	*	*	*	*	*	*				

RAINFALL.

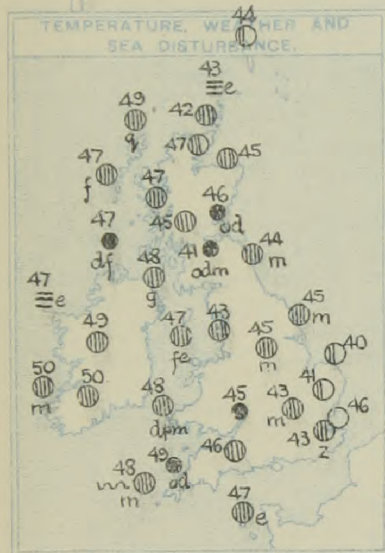
Equivalents of Millimetres.
in Inches.

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

SYNOPTIC CHART FOR 7 a.m., SUNDAY, 11th APRIL, 1915.

GENERAL INFERENCE.

The anticyclone to the south-westward of our islands is likely to extend slowly north-eastward. Fair weather will prevail generally, but a good deal of fog or mist will be experienced locally on the coast.



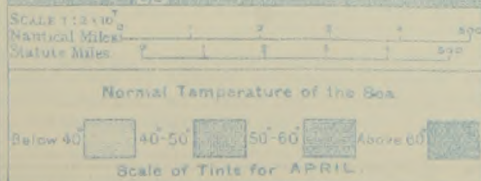
Inches.

31

30

30

29



H I G H

H I G H 102.6

30.12 in.

101.5 cb.

101 cb.

LOW

29.83 in.

29.97 in.

102 cb.

102.5 cb.

103 cb.

50°

52°

50°

30.27 in.

40°

40°

40°

40°

50°

50°

50°

Barometer

Barometer

Barometer

Barometer

rising

rising

generally

generally

EXPLANATION.

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

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

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

TEMPERATURE.—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded.

○ sky & clouded. ○ overcast sky. ○ rain falling.

× snow. △ hail. ≡ fog. ≡ mist. T, thunder.

⚡, thunderstorm.

SEA DISTURBANCE.—Rough wavy. High wavy.

Sunday, 11th April, 1915.

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

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 50° and 55° in most districts. Between 10 and 11 hours of bright sunshine were recorded at many of the English stations. Slight rain was experienced in all the more western and northern parts of the United Kingdom.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 102.

Monday
12th April 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- Value for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Dir.	Force 0-12.					Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	1019.7	46	SW	4	om	1014.6	-2	44	0	NW	3	-	omd	2	7	48	42	c	of	omd.or	*
	Deerness	1021.0	46	S	3	fe	1016.2	2	43	0	W	4	-	od	3	1	49	41	fe	f ofe	fe d	0.0
	Stornoway	1021.5	51	WSW	4	o	1018.9	+1	41	-8	WNW	4	-	og	4	5	53	41	og	o	ogp	0.1
	Castlebay (Barra Isd.)	1023.5	48	SW	3	og	1021.0	+1	44	-3	W	3	-	op	3	2	49	43	f admp	admp f	of op	0.0
	Glasgow	1025.2	51	W	2	o	1021.4	-3	48	+3	SW	3	-	od	*	1	55	45	ac bc c	o	o.c.p.o	2.3
	Eskdalemuir	1025.1	52	NW	3	bc	1022.7	-2	47	+6	SW	4	W	om	*	0.3	55	41	o	o	c	0.8
	Malin Head	1025.5	48	SW	5	fe	1023.1	-1	44	-3	WNW	5	-	omr	5	2	50	44	om	ue	omd	0.4
	Blacksod Point	1027.3	48	WSW	3	om	1026.1	+3	44	-3	WNW	4	NW	om	2	1	50	43	om	om	omd	*
	Valencia	1031.1	51	W	1	o	1029.1	-1	50	0	W	1	-	m	4	-	53	49	om.c	om	omd	0.6
	Roche's Point	1030.5	52	NW	2	o	1029.0	*	50	0	NW	1	-	o	1	-	52	49	o	o.c.o	o	*
	Birr Castle	1029.2	53	W	2	o	1027.0	*	50	+1	W	1	-	r	*	2	56	48	opd	o	o.od	0.0
	Donaghadee	1026.8	49	SE	2	og	1022.9	-1	49	+1	WSW	3	W	ogm	2	0.1	51	47	og	o	ogm	*
	Liverpool (Bidston)	1027.2	46	W	2	o	1025.3	-1	48	+5	W	1	-	o	1	0.3	49	43	og	o	o	0.0
	Holyhead	1027.9	50	NW	2	o	1025.5	-1	50	+3	WSW	2	W	o	1	Trace	52	46	afe.om	opd.om	o.c.o	0.0
	Pembroke (St. Ann's)	1029.2	48	N	2	c	1027.7	-2	49	+1	NNE	1	N	o	2	-	53	47	omdp	c	c	0.0
	Scilly (St. Mary's)	1029.7	49	NW	4	om	1029.4	0	49	+1	NNW	3	NW	cr	4	0.2	54	48	c	om	om.cw	0.9
	Falmouth	1028.2	50	NW	3	o	1027.9	0	48	-1	NNW	2	-	o	3	-	51	47	oe.o	o.oe	oe.o	0.0
	Jersey (St. Aubin)	1027.1	50	WNW	3	og	1026.3	*	47	0	WNW	2	-	ome	0	2	53	46	c.o	og	op.f.me	0.0
	Portland Bill	1027.2	47	NW	1	o	1027.0	0	49	+3	NNW	2	N	o	1	1	50	45	o	o	opd	*
	Dungeness	1026.0	46	-	0	c	1026.7	0	43	0	E	2	E	c	2	-	49	42	b	bc.o	c.o.c	*
	Dover	1027.4	45	-	0	b	1026.7	0	43	-3	SE	2	-	c	2	-	53	40	b	b.bc.b	b.bc.c	9.4
Wick	1021.7	53	SW	2	o	1017.3	+2	44	+2	WNW	3	-	r	2	0.4	53	42	omr	o	bc.omd	*	
Nairn	1023.0	55	W	1	bc	1017.6	*	48	+1	W	1	-	md	2	1	57	46	bc.c	c.bc	ed	0.9	
Aberdeen	1023.7	49	S	3	o	1017.9	-2	53	+8	SW	3	-	o	2	-	55	44	o	o	oe	0.2	
Leith	1023.9	56	WSW	3	o	1020.8	-3	52	+6	WSW	2	-	o	*	Trace	60	45	o	o	og	*	
Tynemouth	1024.3	47	SE	1	om	1023.1	-2	49	+5	WSW	2	W	om	2	-	51	44	om	om	om	*	
Spurn Head	1027.1	46	S	2	o	1026.1	-1	45	0	S	3	-	o	3	-	51	42	om	om	om	0.1	
Yarmouth	1027.1	44	SE	2	bc	1027.5	0	43	+3	SE	3	-	bc	2	-	50	39	bc	b	bc	9.5	
Clacton-on-Sea	1026.4	45	ESE	1	c	1026.8	0	45	+4	SSE	2	S	c	2	-	49	40	bc	bc.c	c.o.c	5.8	
Nottingham	1026.1	52	SW	1	c	1025.6	*	48	+3	SW	1	SW	md	*	1	53	44	om	o.cw	om.c	0.0	
Bath	1026.1	53	W	1	o	1026.7	*	51	+6	N	1	N	o	*	1	54	44	rod	o	adm.r	0.0	
London (Kew Obsy.)	1026.3	53	NW	1	o	1026.5	0	46	+3	S	1	-	om	*	-	56	43	om.c.o	o	o.cw	0.8	
ICELAND, FAEROE, &c.	Spitsbergen	1022.7	-9	S	1	b	1015.5	-10	-4	+9	S	1	*	o	*	-2	-7	*	*	*	*	
	Isafjord...												*	*	*	*	*	*	*	*	*	
	Reykjavik												*	*	*	*	*	*	*	*	*	
	Vestmanna												*	*	*	*	*	*	*	*	*	
	Seydisfjord												*	*	*	*	*	*	*	*	*	
	Thorshavn												*	*	*	*	*	*	*	*	*	
NORTHERN EUROPE.	Vardö	1014.7	34	*	0	o	1019.3	0	32	-2	SW	2	-	b	2	*	26	27	*	*	*	*
	Bodö	1021.9	34	E	1	b	1012.8	-6	37	0	ESR	5	-	r	2	-	39	28	*	*	*	*
	Christiansund	1022.3	43	-	0	o	1012.7	-3	43	+6	S	1	-	o	3	1	43	37	*	*	*	*
	Skudesnaes	1027.3	41	S	3	b	1024.4	-1	39	0	S	6	-	o	4	-	48	37	*	*	*	*
	Færder (X'ania Fjord)	1026.6	41	WSW	1	b	1025.0	-2	39	+2	SW	4	-	b	2	-	45	37	*	*	*	*
	The Scaw (Skagen)	1027.3	39	N	2	b	1026.9	-1	34	-5	-	0	-	f	0	-	41	28	*	*	*	*
	Blaavands Huk	1025.6	43	N	2	bc	1027.4	0	36	-5	SE	1	-	f	1	-	46	52	*	*	*	*
	Haparanda													*	*	*	*	*	*	*	*	
	Hernösand													*	*	*	*	*	*	*	*	
	Stockholm													*	*	*	*	*	*	*	*	
FRANCE, &c.	Wisby													*	*	*	*	*	*	*	*	
	Karlstad													*	*	*	*	*	*	*	*	
	Petrograd (5 a.m. G.M.T.)													*	*	*	*	*	*	*	*	
	The Helder	1026.3	45	N	5	c	1027.9	0	41	-2	NNE	1	-	o	1	-	46	39	*	*	*	*
	Brussels	*	*	*	*	*								*	*	*	*	*	*	*	*	
	C. Gris Nez	1026.0	45	NE	3	b	1026.6	0	41	-2	E	2	*	o	0	-	52	37	*	*	*	*
	La Hève	1027.4	46	N	3	bc	1026.1	*	45	0	NE	2	*	m	2	-	50	43	*	*	*	*
	Ushant	1028.8	50	N	4	o	1028.7	*	50		NNE	4	*	o	3	-	54	46	*	*	*	*
	Brest (St. Mathieu)	1028.7	50	NNW	3	o	? 1027.7	0	50		NNW	3	*	o	2	3	52	46	*	*	*	*
	Roche fort (Ile d'Aix)	1027.1	50	WNW	3	o	1025.3	0	49	+6	N	3	*	o	*	-	55	43	*	*	*	*
SOUTHERN EUROPE.	Biarritz	1026.7	50	N	2	o	1025.6	0	48	0	W	1	*	o	3	-	55	45	*	*	*	*
	Paris	1025.2	50	NE	2	bc	1026.3	0	39	0	NNE	1	N	b	*	-	57	34	*	*	*	*
	Belfort												*	*	*	*	*	*	*	*	*	
	Lyons	1023.4	44	N	1	c	1020.8	*	40		N	3	*	b	*	-	49	37	*	*	*	*
	Nice	1013.6	45	E	2	bc	1013.7	0	48	-4	-	0	*	c	3	-	61	41	*	*	*	*
	Perpignan	1020.4	50	NW	5	b	1020.4	0	50		NW	4	NW	b	*	-	57	45	*	*	*	*
	Sanguinaire	1005.7	53	W	3	o	1006.0	*	51		W	2	*	bc	3	-	61	48	*	*	*	*
	Corunna (7 a.m.)	1033.1	54	NNE	4	f	1032.3	0	52	0	NNE	4	-	o	4	-	55	50	*	*	*	*
	Madrid (8 a.m.)	1022.1	57	N	3	c	1022.5	+1	54		N	3	-	bc	*	-	61	46	*	*	*	*
	Lisbon (9 a.m.)												*	*	*	*	*	*	*	*	*	
Gibraltar												*	*	*	*	*	*	*	*	*		
Rome												*	*	*	*	*	*	*	*	*		
Azores (Horta, 8 a.m.)	1029.5	*	S	4	bc							*	*	*	*	*	*	*	*	*	*	
Madeira (Funchal)	1023.6	68	NE	3	b	1024.3	0	57	0	NE	2	N	b	2	-	77	57	*	*	*	*	

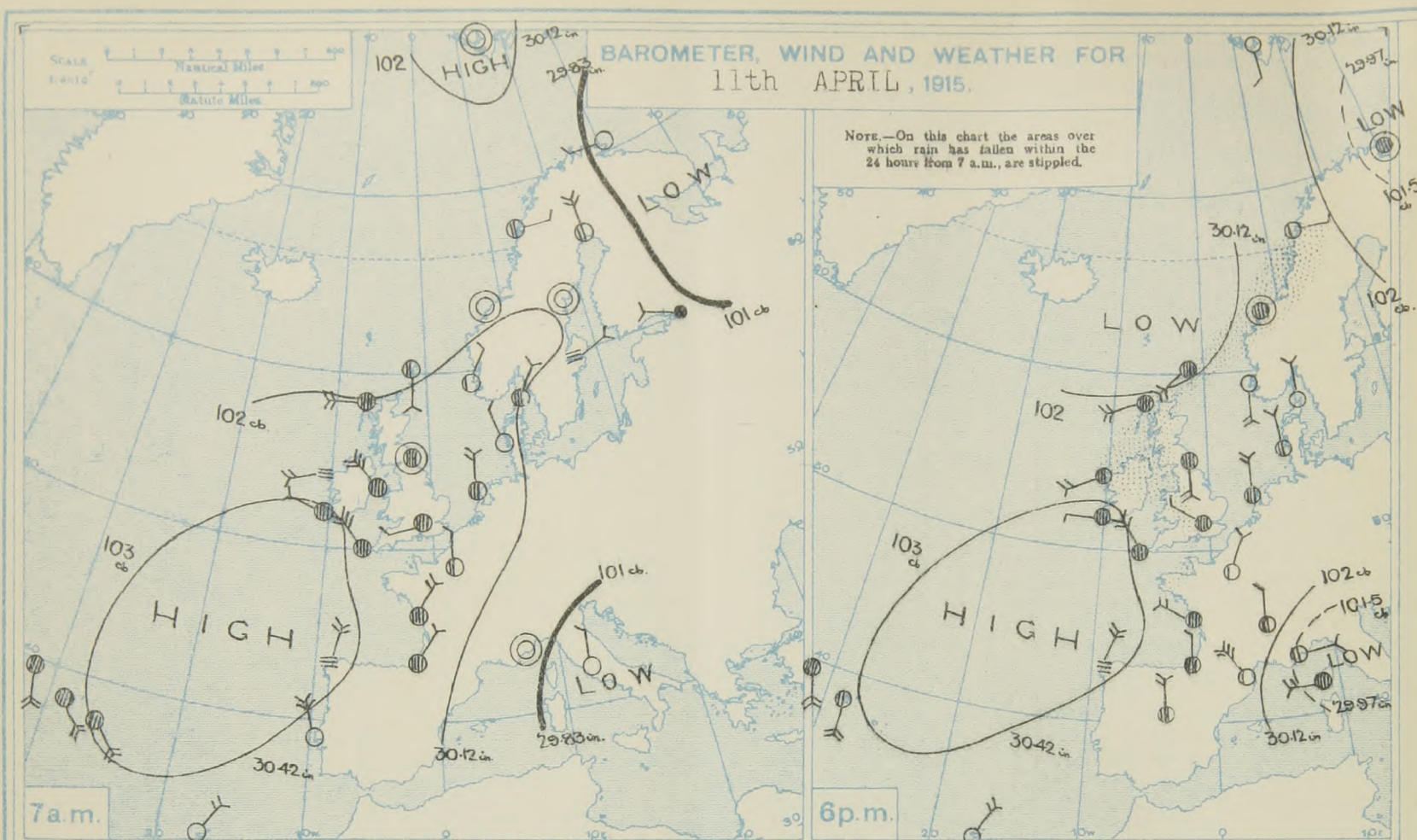
RAINFALL.

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

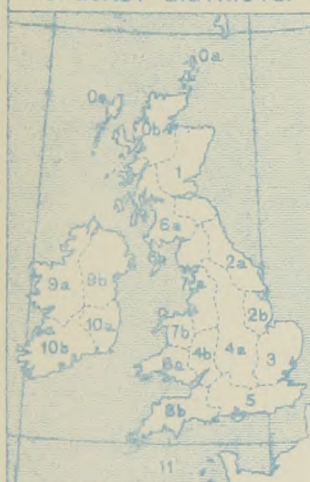
* Information for these columns not usually received.

† Received



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No warnings issued.

Western Channel and Bay 11

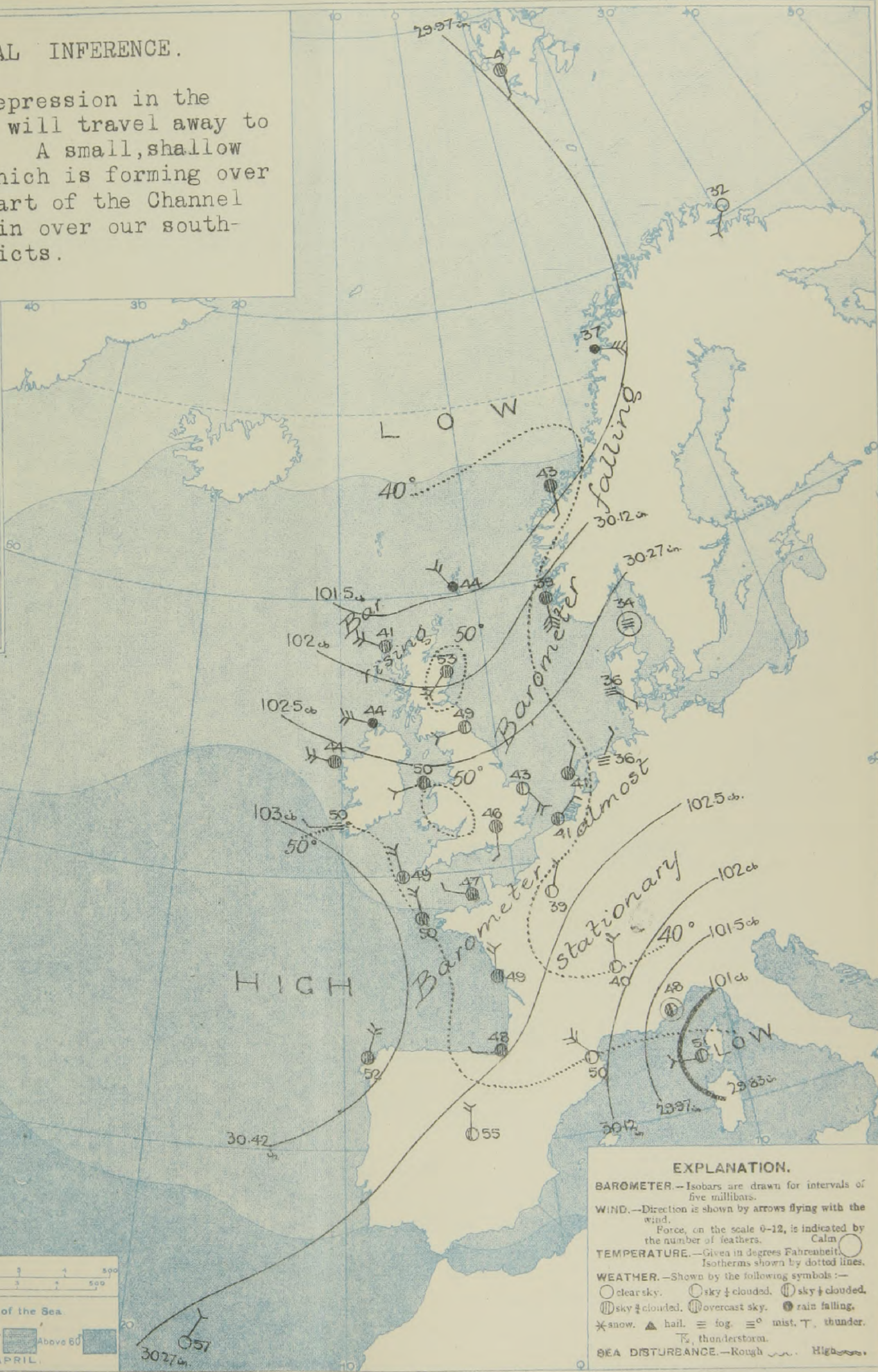
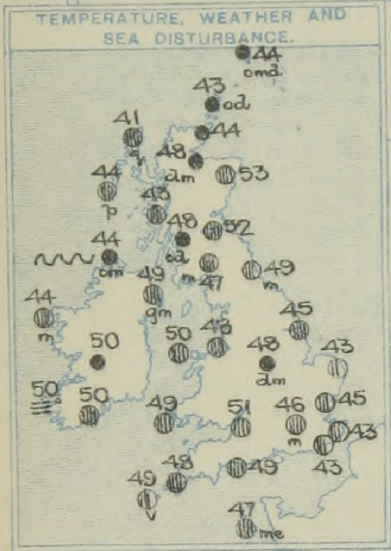
- | | |
|-----------------------|--|
| 0 {
a
b | Moderate or fresh Westerly and North-Westerly winds; dull, misty, occasional rain; becoming cooler. |
| 1 {
2 {
a
b | Moderate South-Westerly to Westerly winds; dull, misty, occasional rain; becoming cooler. |
| 3 {
4 {
a
b | Light Southerly winds, shifting later to West or North-West; cloudy, misty, slight rain in places; temperature below the normal. |
| 5 {
6 {
a
b | Same as Nos. 0 and 1. |
| 7 {
8 {
a
b | Light North-Westerly winds; cloudy, misty, slight rain in places; temperature below the normal. |
| 9 {
10 {
a
b | Same as No. 0. |
| 11 { | Same as Nos. 3 to 5. |
| 11 { | Moderate Northerly and North-Easterly winds, and a moderate sea; dull, misty, slight rain in places; rather cool. |

FURTHER OUTLOOK.

APRIL, 1915.


GENERAL INFERENCE.

The depression in the Faeroe region will travel away to the eastward. A small, shallow disturbance which is forming over the eastern part of the Channel will cause rain over our south-eastern districts.



EXPLANATION.

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

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

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

WEATHER.—Shown by the following symbols:—
 ○ clear sky. ◐ sky $\frac{1}{2}$ clouded. ◑ sky $\frac{3}{4}$ clouded.
 ◒ sky $\frac{3}{4}$ clouded. ◓ overcast sky. ☔ rain falling.
 ❄ snow. ⚡ hail. ☁ fog. ☁^o mist. ⚡ thunder.
 ☁⚡ thunderstorm.

SEA DISTURBANCE.—Rough High

SCALE 1:2 $\times 10^7$
 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 Above 60

Scale of Tints for APRIL.

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

Station Date & Hour.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.
	Aberdeen 5h.	15h.	S. Farnborough 5h.	15h.	S. Farnborough 5h.	15h.	Eskdalemuir 9h.	13h.	Benson 10h.	11h.	18h.							
Heights in Kilometres.	2	+11	+5		+3	-2	+2	-3	+10	-5								
	1.5	+13	-1		+1	-1	+4	-2	+	-1								
	1	+3	0		+1	-3	+3	-2	+	-1								
	0.5	+14	+6		+1	-3	+3	-2	+	-1								
	0	+5	+2		+2	0	+2	-3	0	+								

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

STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.	
Scotland.						
Oban
Banff
St. Andrews
England, N.W.						
Harrogate
Scarborough
Skegness
England, E.						
Morecambe
Blackpool
Southport
Midlands.						
Buxton
Leamington Spa
Malvern
Ross-on-Wye
Wales.						
Rhyl
Colwyn Bay
Llandudno
Aberystwyth
Tenby
Swansea
England, S.E.						
Tunbridge Wells
Margate
Ramsgate
Folkestone
Hastings
Bexhill-on-Sea
Eastbourne
Seaford
Brighton
Worthing
Littlehampton
Bognor
Southsea
Bournemouth
England, S.W.						
Weymouth
Torquay
Paignton
Falmouth
Penzance
Newquay
Ilfracombe
Weston-super-Mare
England, E.						
Cromer
Lowestoft
Felixstowe
Walton-on-Naze
Southend-on-Sea

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	75	74	0.0	54	43	41	...	...	...	...
City (Bunhill Row) ...	...	...	0.0	...	...	...	...	...	...	...
Westminster (St. James's Pk.)	60	74	0.0	55	46	44	...	...	...	...
Camden Sq. (Brit. Rainfall)	...	71	0.0	57	46	44	...	...	...	...
Hampstead (Reservoir) ...	...	63	0.0	54	43	?	...	...	...	...
Richmond Park ...	...	...	0.4	...	...	...	...	...	...	...
Kew. (See front page.)	...	...	...	...	...	...	...	...	...	...
(Greenwich and Camden Square air temperatures are in Glaisher screens.)	...	...	...	...	...	...	...	...	...	...
S. Kensington (Roof of M.O.)	54	67	0.0	725	Joules	14.9	Milliwatts.	36	Milliwatts.	...

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	2	56	48	48	od	...
Darwen to 9 p.m.	...	...	...	...	...	...
Manchester "	...	...	...	...	...	...
Birmingham "	...	...	...	...	...	...
Oxford to 9 p.m.	...	52	42	38	...	...
Telford to 9 p.m.	1	55	46	45	op. o	...
Plymouth "	...	...	...	...	...	...
S. Kensington (Museum Grounds to 6 p.m.)	...	55	43	35	...	...

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

12th & 13th April, 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.4	11.54	6.43
Greenwich ...	5.2	11.54	6.45
Wick ...	5.14	12.1	6.48
Valencia ...	5.11	12.13	7.14
	5.9	12.13	7.17
	5.24	12.42	7.30
	5.52	12.42	7.32

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 55° and upwards in many places, and touched 60° at Leith. Slight rain fell in most districts, but more than 9 hours of bright sunshine were experienced locally 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

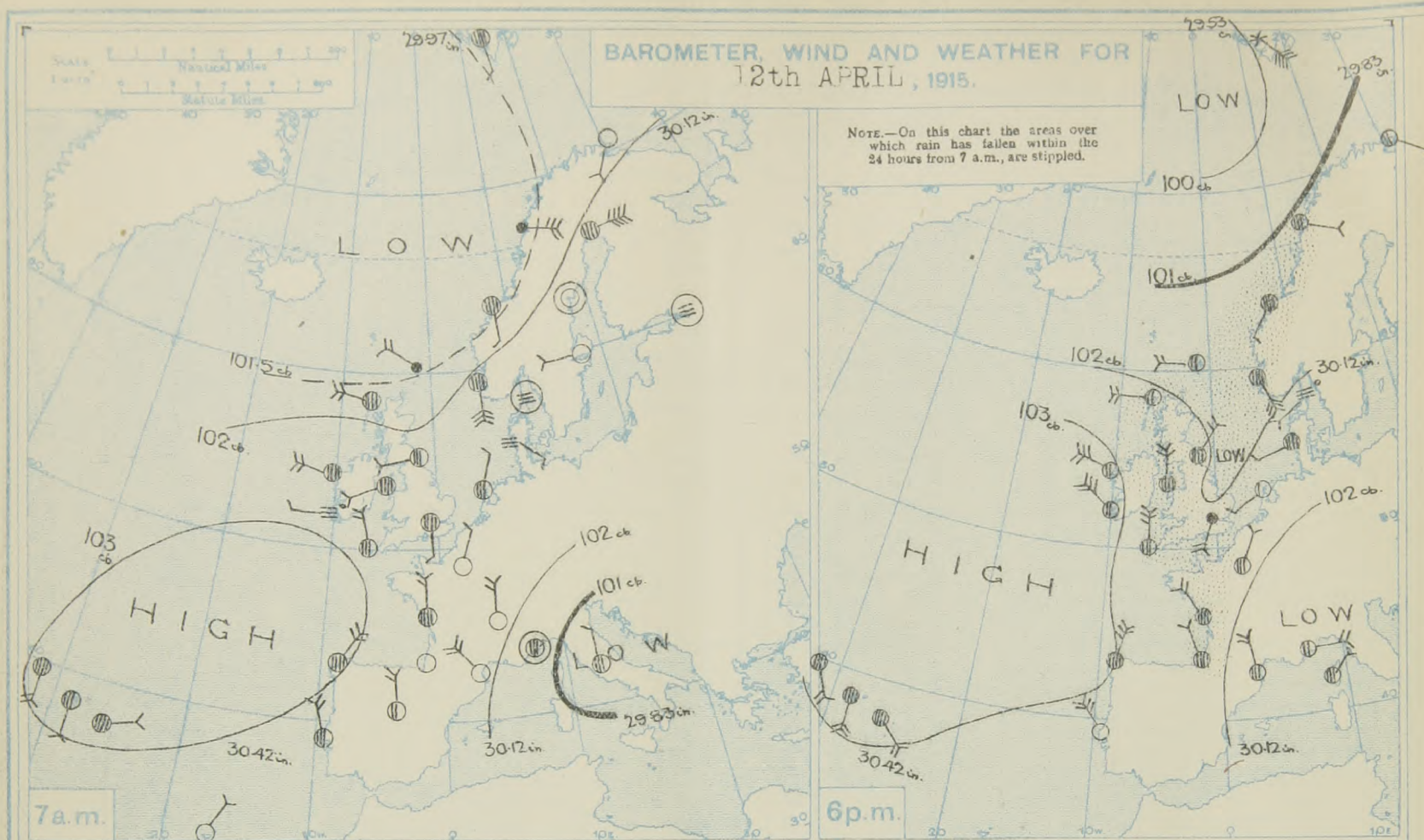
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.																		
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	See p. 9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.																					
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.																			
																						°F.	°F.																	
BRITISH ISLANDS.	Lerwick ...	1016.3	45	W	3	bc	1019.2	0	43	-1	SW	2	-	bm	1	7	47	39	om	bc	bc	*																		
	Deerness ...	1018.9	44	W	5	b	1021.0	0	44	-2	SW	3	NW	bc	2	1	47	37	od.c.bc	bc.b	b.b.cw	6.0																		
	Stornoway ...	1021.8	42	W	4	bcp	1022.5	-1	42	+1	WSW	3	-	op	3	0.4	48	36	bc	bcp	b.op	9.0																		
	Castlebay (Barra Isd.)	1023.6	45	NW	4	bc	1024.5	0	44	0	WSW	3	-	op	3	4	47	38	op.c.b	b.b.cw	bc.b.op	8.4																		
	Glasgow ...	1022.7	46	WNW	4	b	1025.6	0	35	-13	WNW	1	M	b	*	1	50	33	odp.c	opl.bc	bc.b.c	4.6																		
	Esksdalemuir ...	1022.7	44	NW	4	b	1024.8	0	36	-11	-	0	-	bc	*	2	50	31	om.or.o	o.c.bc	bc.b	3.8																		
	Malin Head ...	1024.9	44	WNW	5	bcp	1026.0	0	44	0	NW	3	NW	cg	5	2	47	43	emgp	bcg	cp	6.2																		
	Blacksod Point	1030.6	46	WNW	5	bcp	1028.7	0	43	-1	WNW	4	NW	bcp	3	1	50	40	cm	cm	bcm.bc	*																		
	Valencia ...	1031.8	48	NW	5	b	1031.1	-1	45	-5	NW	3	NW	bc	4	-	50	44	c	bc	bc	4.6																		
	Roche's Point	1029.8	48	N	5	b	1030.2	*	43	-7	WNW	3	M	bc	2	-	51	41	o.c	bc.b	b.b.c	*																		
	Birr Castle ...	1029.3	46	NW	3	c	1029.3	*	41	-9	WNW	1	NW	c	*	1	50	37	od.cp	cp	c	2.4																		
	Donaghadee ...	1024.8	45	NW	4	bcp	1025.9	0	40	-9	NW	2	NW	bcm	1	1	51	39	cp.b	bcg	bcg.bc	*																		
	Liverpool (Bidston)	1028.4	45	WNW	4	b	1024.6	0	41	-7	NW	3	NW	b	3	2	54	39	op	or	b	1.3																		
	Holyhead ...	1025.4	46	N	4	og	1026.0	0	43	-7	WNW	5	M	bc	4	2	53	42	o.c.opd	r.c.bc	c.b.bc	1.3																		
	Pembroke (St. Ann's)	1026.3	45	WNW	3	c	1026.9	0	44	-5	NE	4	NE	c	3	1	53	40	o.	ogp	c	0.4																		
	Scilly (St. Mary's)	1026.2	48	N	5	emg	1027.0	-1	44	-5	N	5	M	bc	6	0.2	52	43	om	fcg	c.bc	0.9																		
	Falmouth ...	1024.7	47	N	5	bc	1025.2	0	43	-5	N	5	M	bc	3	1	56	41	o	od.r.bc	bc	0.2																		
	Jersey (St. Aubin)	1022.8	50	NW	2	o	1020.4	*	45	-2	WNW	4	M	b	3	5	51	43	om.d	omd.oe	op.b	0.0																		
	Portland Bill ...	1021.7	49	WNW	2	cp	1021.5	+1	41	-8	N	4	-	b	3	2	51	41	c	c	cr.bc	*																		
	Dungeness ...	1021.5	45	SW	2	o	1016.4	0	42	-1	N	4	-	or	3	11	47	40	c.o	o.c.o	or	*																		
	Dover ...	1021.8	44	SSW	2	c	1017.7	0	42	-1	N	6	N	or	3	8	45	40	c.bc	c	c.or.o	0.3																		
Wick ...	1020.1	45	WNW	4	bc	1022.1	0	38	-6	WSW	2	-	bz	1	1	47	34	o.bcp	bcmg	om.b	*																			
Nairn ...	1021.2	46	WSW	4	bcp	1023.3	*	41	-7	W	1	-	bc	2	2	51	34	d.bcp	bcg	p.bc	5.3																			
Aberdeen ...	1021.1	47	NW	4	bc	1023.6	0	39	-14	WNW	3	-	b	2	2	56	33	or	c.bc	bc.b	3.1																			
Leith ...	1020.8	50	W	3	bc	1024.6	+1	39	-13	W	2	-	b	*	-	53	35	og	o.c.bc	bc.b	*																			
Tynemouth ...	1020.9	42	NE	3	omp	1023.8	+2	39	-10	NW	2	NW	bcm	3	4	39	39	cm	cm	bcm	*																			
Spurn Head ...	1019.4	48	SW	4	r	1022.9	+4	46	+1	N	6	-	ouq	6	3	49	40	om	or	or	0.0																			
Yarmouth ...	1021.1	45	S	3	o	1016.1	0	43	0	N	6	-	omg	4	8	47	41	bc.c	c.o	omg	1.8																			
Clacton-on-Sea	1021.1	45	SSE	3	og	1017.5	0	42	-3	WNW	3	N	og	2	6	46	40	c.o	o.c.og	ogd.r	3.6																			
Nottingham ...	1020.9	47	NW	4	r	1022.5	*	41	-7	WNW	4	-	b	*	4	56	38	om	omr	r.op	0.0																			
Bath ...	1021.8	51	NW	1	r	1023.3	*	41	-10	N	4	-	b	*	4	57	38	m.og	og mr	mr.o.b	0.1																			
London (Kew Obsy.)	1021.5	45	SSW	3	omd	1020.3	+1	41	-5	N	5	M	om	*	8	48	40	om	omd	omd.om	0.0																			
ICELAND, FAEROE, &c.	Spitsbergen ...	1001.6	21	SE	7	S	989.6	-9	30	+34	SE	2	*	S	*	*	21	-4	*	*	*	*																		
	Isafjord ...												*	*	*	*	*	*	*	*	*	*																		
	Reykjavik ...												*	*	*	*	*	*	*	*	*	*																		
	Vestmanna ...												*	*	*	*	*	*	*	*	*	*																		
	Seydisfjord ...												*	*	*	*	*	*	*	*	*	*																		
NORTHERN EUROPE.	Thorshavn ...												*	*	*	*	*	*	*	*	*	*																		
	Vardö ...	1019.0	32	SE	1	bc	1013.1	-2	34	+2	SE	3	-	o	3	*	34	25	*	*	*	*																		
	Bodö ...	1010.9	41	ESE	2	c	1012.2	+2	27	0	SSW	5	SW	c	3	7	41	34	*	*	*	*																		
	Christiansund	1012.6	41	SW	1	o	1016.8	+2	41	-2	WSW	1	-	b	3	1	46	39	*	*	*	*																		
	Skudesnaes ...	1016.3	41	SSE	6	o	1018.4	0	41	+2	N	4	-	b	3	2	41	37	*	*	*	*																		
	Færder (N. Fjord)	1018.1	39	SW	6	m	1017.1	+1	39	0	-	0	SE	c	2	-	41	37	*	*	*	*																		
	The Scaw (Skagen)	1021.9	37	WNW	2	m	1018.4	0	37	+3	SW	1	-	o	0	-	48	34	*	*	*	*																		
	Blaavands Huk	1022.9	37	WSW	1	o	1018.4	0	36	0	SSW	1	-	f	1	-	43	32	*	*	*	*																		
	Haparanda ...												*	*	*	*	*	*	*	*	*	*																		
	Hernösand ...												*	*	*	*	*	*	*	*	*	*																		
FRANCE, &c.	Stockholm ...												*	*	*	*	*	*	*	*	*	*																		
	Wisby ...												*	*	*	*	*	*	*	*	*	*																		
	Karlstad ...												*	*	*	*	*	*	*	*	*	*																		
	Petrograd (5 a.m. G.M.T.)												*	*	*	*	*	*	*	*	*	*																		
	The Helder ...	1022.0	43	WSW	1	b	1017.5	0	41	0	SE	1	-	b	1	-	46	34	*	*	*	*																		
	Brussels ...	*	*	*	*	*							*	*	*	*	*	*	*	*	*	*																		
	C. Gris Nez ...	1021.3	45	SW	2	o	1016.6	0	41	0	NNE	6	*	r	5	4	50	41	*	*	*	*																		
	La Hève ...	1021.1	45	WNW	2	m	1017.5	*	40	-5	NE	4	*	r	6	12	60	39	*	*	*	*																		
	Ushant ...												*	*	*	*	*	*	*	*	*	*																		
	Brest (St. Mathieu)	1025.3	49	WNW	4	m	1024.7	-1	46	-4	N	5	*	c	4	-	55	45	*	*	*	*																		
Roche fort (M. d'Aix)	1022.3	52	NW	3	o	1016.8	-3	45	-4	N	6	*	o	*	3	55	45	*	*	*	*																			
Biarritz ...	1022.6	50	WNW	2	o	1018.6	-1	47	-1	NW	2	*	r	4	20	50	46	*	*	*	*																			
Paris ...	1021.9	48	N	2	c	1016.6	-4	46	+2	ESE	1	-	bc	*	-	55	32	*	*	*	*																			
Belfort ...												*	*	*	*	*	*	*	*	*	*																			
Lyons ...												*	*	*	*	*	*	*	*	*	*																			
Nice ...	?	47	E	3	bc	1008.4	-3	51	+3	-	0	*	*	3	-	63	41	*	*	*	*																			
Perpignan ...	1017.2	52	WNW	3	c	1015.3	+2	48	-2	NW	3	-	b	*	-	59	41	*	*	*	*																			
Sanguinaire ...	1006.6	54	NE	2	c	1005.7	*	55	+4	E	2	*	bc	3	-	63	48	*	*	*	*																			
SOUTHERN EUROPE.	Corunna (7 a.m.)	1030.9	54	NNE	5	o	1027.3	0	52	0	NNE	6	-	r	4	?	55	50	*	*	*	*																		
	Madrid (8 a.m.)											*	*	*	*	*	*	*	*	*	*	*																		
	Lisbon (9 a.m.)	1020.4	63	NW	5	b	1017.6	-1	52	-5	WNW	5	-	b	5	-	70	52	*	*	*	*																		
	Gibraltar ...												*	*	*	*	*	*	*	*	*	*																		
	Rome ...												*	*	*	*	*	*	*	*	*	*																		
Azores (Horta, 8 a.m.)	1032.0	*	S	4	o	1029.5	+1	57	-2	ENE	4	*	bc	3	-	64	55	*	*	*	*																			
Madeira (Funchal)												*	*	*	*	*	*	*	*	*	*	*																		

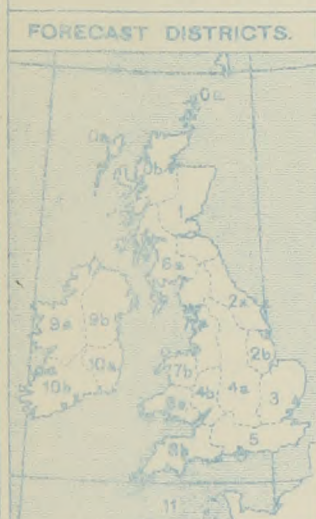
RAINFALL.

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



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.

No Warnings issued.

Western Channel and Bay 11

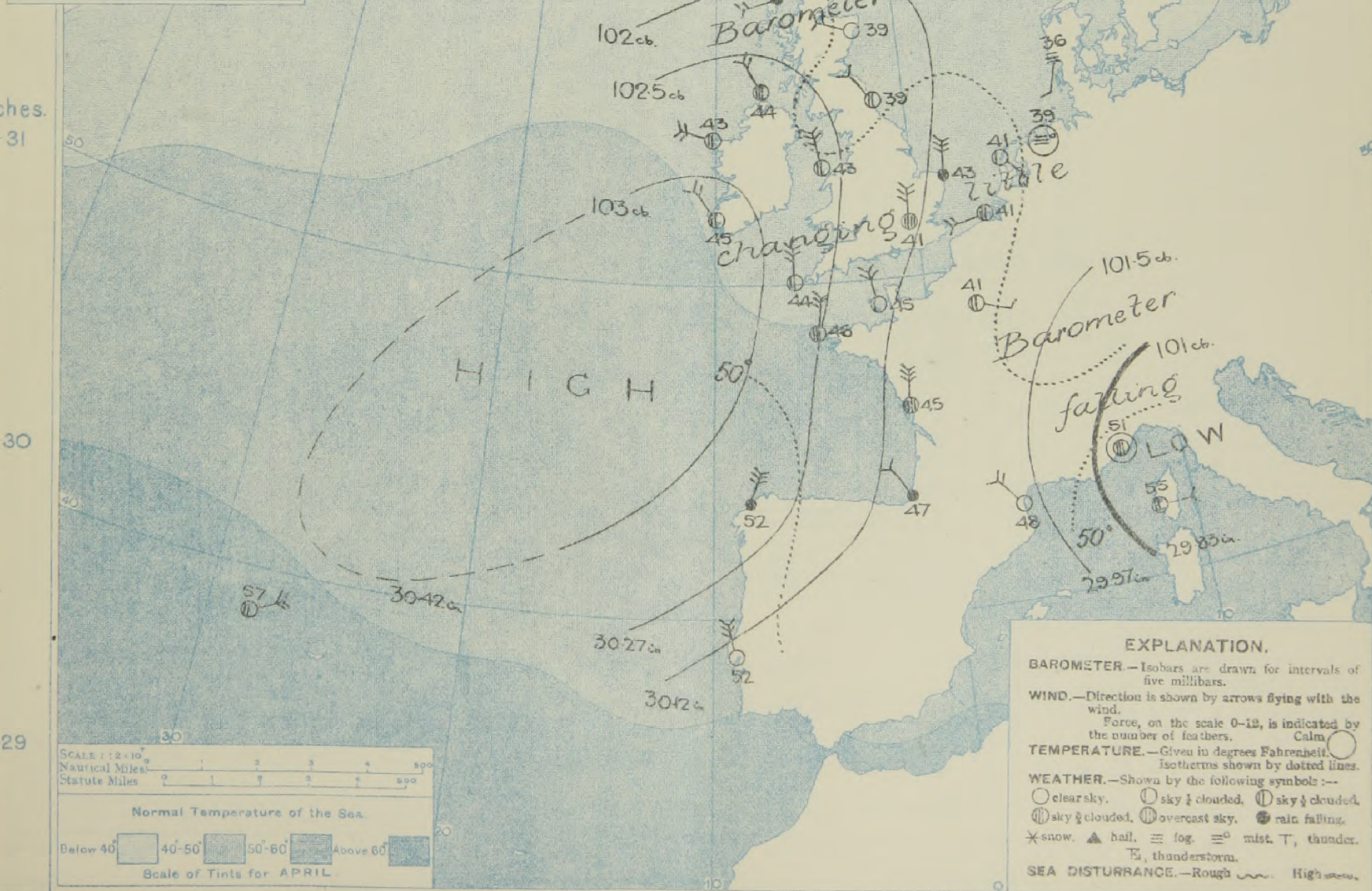
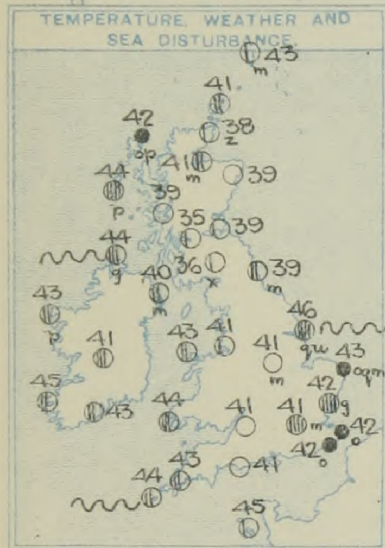
- | | | | |
|----|---|---|--|
| 0 | a | } | Freshening Westerly and South-Westerly winds; fine at first, showery later; temperature remaining below the (normal). |
| 1 | b | | |
| 2 | a | } | Light to moderate Westerly winds, fine at first, showery later; temperature remaining below the normal. |
| 3 | b | | |
| 4 | a | } | Fresh Northerly winds, moderating later, and backing to the North-Westward; local showers at first, then fair; temperature remaining below the normal. |
| 5 | b | | |
| 6 | a | } | Same as No. 1. |
| 7 | b | | |
| 8 | a | } | Moderate Northerly to North-Westerly winds; fair; cold. |
| 9 | b | | |
| 10 | a | } | Same as Nos. 7 and 8. |
| 11 | b | | |
| | | | Moderate Northerly and North-Westerly winds, and a rather rough sea; cold, changeable, local showers. |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., TUESDAY, 13th APRIL, 1915.

GENERAL INFERENCE.

The shallow depression over the Netherlands will pass away to the south-eastward, but there are indications of the approach of a new disturbance towards the north of Scotland.



DAILY WEATHER REPORT.

Tuesday, 13th April, 1915.

REPORTS FOR YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
	Hälsöbränd	1021.3	37	M	4	bc	1022.6	0	25	-7	E	8	-	o	*	-	45	16
	Hernösand	1024.2	39	-	0	b	1022.4	-2	34	0	-	0	-	o	*	-	46	25
	Stockholm	1024.7	39	WNW	2	b	1025.0	0	37	+7	W	2	-	o	*	-	41	30
	Visby	1026.0	34	M	2	f	1026.7	+2	32	+2	TIME	2	-	o	*	-	36	28
	Karlsbad	1026.9	32	-	0	f	1026.4	-3	36	+2	-	0	-	o	*	-	41	25
	Petrograd	1021.5	34	WNW	1	o	1023.5	0	36	0	-	0	-	o	*	-	39	34
	Lisbon	1023.3	64	NW	5	b	1023.5	0	57	+5	MMW	3	-	o	*	-	68	54
	Rome	1009.1	46	-	0	o	1008.4	+1	46	+5	M	1	-	o	*	-	67	45
	Horta,						1031.0	0	59	0	S	2	*	c	2	-	68	57

12th April 1915

12th April 1915.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.	
Scot- land.	Oban ...	2	48	43	b	bc	6.1	Tunbridge Wells ...	—	51	41	c	om	1.7
	Banff ...	2	54	42	d.o.c	bc.b	5.0	Margate ...	—	48	40	c	c	0.0
	St. Andrews ...	—	54	45	*	*	2.7	Ramsgate ...	—	45	40	c	c	0.1
Eng. N.E.	Harrogate ...	5	57	42	o.c.bc	c op.r.o	0.5	Folkestone ...	—	48	40	bc	bc	0.1
	Scarborough ...	*						Hastings ...	—	47	42	o.c	bc.o	1.4
	Skegness ...	Trace	46	43	op	op.o	0.0	Bexhill-on-Sea ...	—	50	43	c	o	* 1.5
Eng. N.W.	Morecambe ...	1	48	46	o.bc	or.bc	2.1	Eastbourne ...	—	49	43	o	o	2.6
	Blackpool ...	1	51	42	or.bc	b	3.1	Seaford ...	—	52	43	b	o	1.9
	Southport ...	3	52	44	o.c.bc	or.c.b	2.0	Brighton ...	—	48	46	o.c.o	o	0.2
Midlands.	Buxton ...	4	52	42	c.o	or	0.0	Worthing ...	0.3	51	44	c	d	0.0
	Leamington Spa ...	2	55	45	om	omr	0.0	Littlehampton ...	1	50	*	o	or	0.0
	Malvern ...	8	56	43	o	or	0.0	Bognor ...	4	47	44	o	od	0.0
Wales.	Ross-on-Wye ...	3	59	44	op	or	0.0	Southsea ...	1	47	45	od	d	0.0
	Rhyl ...	6	54	44	or	r.c.bc	0.2	Bournemouth ...	2	54	47	o	o	0.0
	Colwyn Bay ...	8	57	43	bc	r.bc	1.0	Weymouth... ..	0.3	54	47	c.o	o	0.0
England, E.	Llandudno ...	5	55	41			2.2	Torquay ...	—	57	50	o	o	0.0
	Aberystwyth ...	—	48	45	o	o	0.5	Paignton ...	—	58	50	o	o	0.1
	Tenby ...	1	57	49	bc	op.bc	0.6	Falmouth ...	1	56	47	o	cd.r.bc	0.2
England, E.	Swansea ...							Penzance ...	1	56	48	o	cf.p.r	0.0
	Cromer ...	—	56	38	b	o.c	4.4	Newquay ...	0.3	51	46	om	o.s.p.c	0.0
	Lowestoft ...	—	56	38	c.o	o	1.3	Ilfracombe ...	1	52	45	o	cp.c	0.0
England, E.	Felixstowe ...	—	46	42	bc.c	or	1.2	Weston-super-Mare ...	1	51	46	o.bce	or	0.5
	Walton-on-Naze ...	—	46	41	bc.c	c.og	1.6							
	Southend-on-Sea ...	—	52	42	b.bc	c.o	3.2							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	70	70	Hr.	* F.	* F.	* F.	mm. §			
City (Bunhill Row) ...	88	80	0.0	49	40	39	7	o	o.or	or.o
Westminster (St. James's Pk.)	*	*	0.0	*	*	*	*	*	*	*
Camden Sq. (Brit. Rainfall)	92	72	0.0	48	41	40	7	oe	od.r	oe
Hampstead (Reservoir) ...	96	77	0.0	48	40	39	7	o	od.o	*
Richmond Park ...	*	78	0.0	46	37	31	7	om	odm	of.o
Kew. (See front page.)	*	*	0.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	92	71	0.0	174 Joules		3.6 Milli-watts.		8 Milli-watts.		

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

13th & 14th April, 1915.			
	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.12 5.29	G.M.T. 11.54 11.53	G.M.T. 6.45 6.47
Greenwich ...	5.12 5.9	12.1 12.0	6.50 6.52
Wick ...	5.9 5.6	12.13 12.15	7.17 7.10
Valencia ...	5.51 5.49	12.42 12.41	7.32 7.34

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 55° or a trifle above it in several parts of Great Britain, and reached 59° at Ross on Wye. The amount of bright sunshine was generally small, and rain fell in nearly all 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 104.

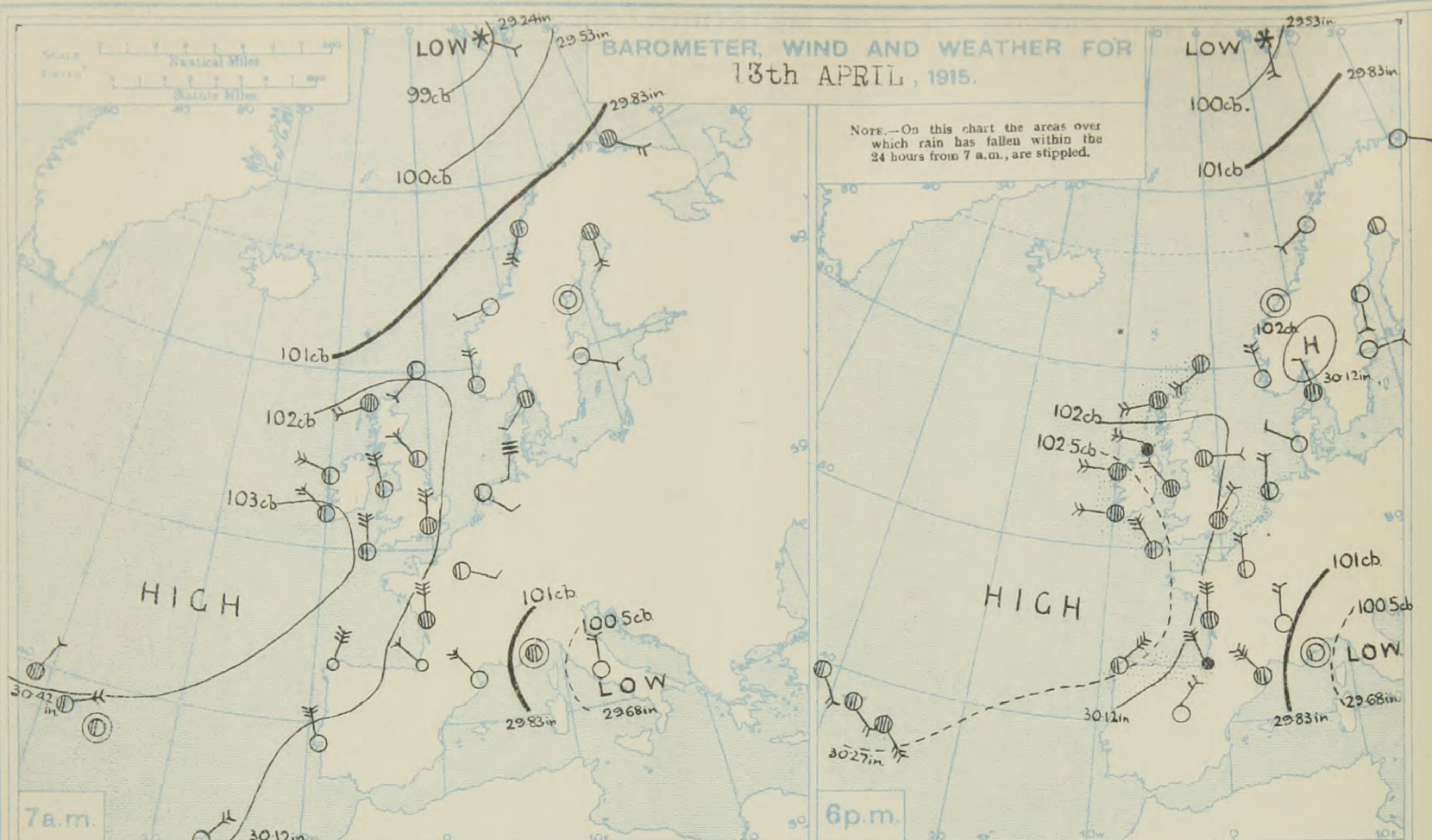
Wednesday,
14th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning	Afternoon.	Night.	
		F.					F.	F.								F.	F.					
BRITISH ISLANDS.	Lerwick	1016.7	44	SW	4	cm	1014.7	?	44	+1	SW	4	-	om	3	1	47	41	bc om	omp	om	*
	Deerness	1017.6	43	S	4	c	1015.2	*	44	+3	SSW	3	W	c	3	1	45	37	bc. op	r. bc	c. o. c	1.4
	Stornoway	1018.2	46	WSW	4	o	1014.4	-2	47	+5	SW	4	-	o	4	1	47	42	gdp	gdp o	odp	0.0
	Castlebay (Barrisd.)	1019.6	46	W	3	op	1017.3	-1	47	+3	SW	3	-	o	3	2	47	43	op c	c. op	odp c. o	0.1
	Glasgow	1021.2	44	W	2	c	1020.4	0	42	+7	W	1	-	o	*	0.2	48	35	b. bc. c. o	o	bc. b. o. g	4.6
	Eskdalemuir	1021.7	43	N	1	o	1021.3	0	31	-5	-	0	-	bz	*	-	49	25	bx. bc. c	o. c	o. c. bc	6.9
	Malin Head	1021.8	45	WNW	4	cmd	1020.2	-1	46	+2	?WSW	2	S	bc m	3	1	49	43	ond	cm	bc m	0.1
	Blacksod Point	1026.5	44	W	4	op	1021.8	-1	45	+2	W	3	W	cm	3	2	52	43	bcp	cm	cmp	*
	Valencia	1027.7	47	W	4	o	1024.7	0	46	+1	WNW	1	-	o	4	1	50	45	cp	cp	omp	2.2
	Roche's Point	1026.5	48	N	3	o	1024.3	*	46	+3	NNW	2	-	o	1	-	48	43	bc. c	c. o	o	*
	Birr Castle	1025.4	46	WNW	1	o	1023.7	*	45	+4	W	1	-	o	*	-	51	40	c	o	o	2.1
	Dohaghadee	1022.0	46	W	2	ogmp	1020.7	+1	43	+3	W	3	W	bc m	2	2	48	39	ogm	ogmp	om. cg	*
	Liverpool (Bidston)	1022.5	43	WNW	3	bc	1021.3	+1	43	+2	WNW	2	W	o	2	1	47	41	b	bc	c. op	9.2
	Holyhead	1023.0	46	NW	3	om	1021.4	-1	45	+2	N	3	N	om	1	Trace	50	42	bc. c. o	bc. com	opd. om	5.0
	Pembroke (St. Ann's)	1024.4	45	N	2	c	1021.9	+1	44	0	NNW	2	N	cg	2	-	50	42	c	c	c	5.9
	Scilly (St. Mary's)	1025.9	47	NW	5	c	1022.3	-1	45	+1	N	4	N	og	5	0.1	50	44	bc	c	c. op. o	9.1
	Falmouth	1023.3	46	NW	3	bc	1021.2	+2	44	+1	NNE	3	-	o	3	1	50	43	bc. b. bc	bc. c. bc	bcp	8.5
	Jersey (St. Aubin)	1020.2	48	NW	4	b	1019.6	*	45	0	NE	4	-	b	3	-	50	43	bc	bc. b.	b	11.3
	Portland Bill	1020.3	49	N	4	c	1020.1	0	41	0	N	4	N	bc	2	-	52	39	bc. c	c	c. bc	*
	Dungeness	1016.7	44	WNW	5	om	1018.1	+1	41	-1	N	3	-	o	3	2	44	39	or	or. o	or. o	*
	Dover	1017.0	43	N	6	o	1015.0?	0	43	+1	N	5	N	o	3	3	43	39	op	op	op. c	0.0
	Wick	1018.4	43	SW	3	o	1016.5	-1	43	+5	SEW	3	-	c	2	2	45	37	b. ond	ompd	o. bc. c	*
	Nairn	1018.8	47	W	1	cg	1017.1	*	45	+4	-	0	-	bc	1	0.2	49	38	ce. o	d. bc	c. bc	0.3
	Aberdeen	1020.0	47	W	1	c	1018.9	0	40	+1	-	0	N	b	2	-	52	34	b. bc. c	o. c	c. bc. b	5.8
	Leith	1020.3	46	NW	1	r	1019.6	0	42	+3	W	1	-	b. g	*	0.1	51	38	b. bc	c. o. op	o. c	*
	Tynemouth	1021.3	43	E	2	c	1020.3	0	42	+3	WNW	1	-	bm	2	-	48	?	bc	bc	bm	*
	Spurn Head	1022.9	45	N	6	c	1020.6	0	39	-7	N	4	-	bx	3	-	47	35	cg	cg	bc. g	7.0
	Yarmouth	1018.4	42	NNE	3	omr	1018.7	+1	43	0	N	3	NE	o	2	2	45	41	omr	omr	o. bc	0.0
	Clacton on Sea	1018.2	43	N	3	oge	1018.4	0	41	-1	NNW	3	N	c	1	1	44	39	oge	ogd	ogd. c	0.0
	Nottingham	1020.8	46	NE	2	c	1020.7	*	31	-10	-	0	-	fx	*	-	51	29	bc	e	o. b	7.8
	Bath	1021.1	49	N	1	o	1021.2	*	38	-3	NW	1	NE	b	*	-	52	25	b. bc. c	c. o	o. c. bc m	8.6
	London (Kew Obsy.)	1020.1	44	NE	3	o	1020.4	+2	36	-5	NNE	2	-	om	*	-	47	34	om. c. o	o	o. bc. b. om	0.1
ICELAND, FAEROE, &c.	Spitsbergen	929.0	27	S	3	s	997.5	+8	28	-2	S	4	*	o	*	*	32	21	*	*	*	*
	Isafjord...												*	*	*	*	*	*	*	*	*	*
	Reykjavik												*	*	*	*	*	*	*	*	*	*
	Vestmanna												*	*	*	*	*	*	*	*	*	*
	Seydisfjord												*	*	*	*	*	*	*	*	*	*
	Thorshavn												*	*	*	*	*	*	*	*	*	*
NORTHERN EUROPE.	Vardö	1014.9	36	SE	1	b	1017.9	0	34	0	S	4	-	c	2	*	37	30	*	*	*	*
	Bodö	1017.0	36	SW	2	b	1014.3	-3	27	0	E	2	SE	b	2	-	39	32	*	*	*	*
	Christiansund	1016.3	41	-	0	b	1014.4	0	39	-2	-	0	SW	b	3	-	45	36	*	*	*	*
	Skudesnaes	1017.7	41	NW	4	b	1014.7	0	41	0	N	3	-	b	1	-	46	36	*	*	*	*
	Færder (X'aniafjord)	1018.1	39	-	0	m	1020.3	+1	36	-3	NE	2	-	b	1	-	41	34	*	*	*	*
	The Scaw (Skagen)	1017.2	39	MMW	1	o	1019.3	+2	41	+4	E	2	-	b	1	-	41	36	*	*	*	*
	Blaavands Huk	1016.4	34	WNW	1	b	1017.7	+3	32	-4	EME	1	-	f	2	-	39	27	*	*	*	*
	Haparanda	1018.9	34	-	0	bc	1021.7	+2	30	-6	S	2	-	o	*	-	37	27	*	*	*	*
	Hernösand	1019.8	34	S	2	b	1022.1	+1	34	-2	-	0	-	b	*	-	39	23	*	*	*	*
	Stockholm	1018.7	37	E	2	b	1020.4	0	37	-2	E	2	-	b	*	-	43	28	*	*	*	*
FRANCE, &c.	Wisby	1017.3	39	E	2	b	1020.3	+3	39	0	NE	2	-	o	*	-	45	34	*	*	*	*
	Karlstad	1018.9	36	-	0	b	1021.7	+3	32	-4	-	0	-	b	*	-	39	23	*	*	*	*
	Petrograd (8 a.m. G.M.T.)														*	-						
	The Helder	1016.7	45	N	3	bc	1015.8	+2	43	+2	ENE	1	-	r	1	Trace	50	41	*	*	*	*
	Brussels	*	*	*	*	*									*	*						
	C. Gris Nez	1016.2	43	NE	5	o	1016.7	+2	43	+2	NNE	6	*	o	5	2	45	41	*	*	*	*
	La Hève	1016.3	43	NNE	5	r	1016.8	*	41	+1	NNE	3	*	r	3	3	60	39	*	*	*	*
	Ushant	1023.5	46	NNE	6	b	1021.0	*	48	*	NE	4	*	o	5	-	48	43	*	*	*	*
	Brest (St. Mathieu)	1023.7	54	N	5	c	1022.4	-1	46	0	NE	3	*	c	3	-	55	43	*	*	*	*
	Rochefort (Ile d'Aix)	1019.8	45	N	6	o	1015.3	0	45	0	N	6	*	o	*	-	46	43	*	*	*	*
	Biarritz	1016.8	45	NNW	5	r	1016.8	0	44	-3	ENE	2	*	o	4	9	52	41	*	*	*	*
SOUTHERN EUROPE.	Paris	1015.0	46	N	3	bc	1015.4	+2	41	0	N	2	-	b	*	-	59	37	*	*	*	*
	Belfort														*	*						
	Lyons	1011.1	49	N	3	b	1011.9	*	42	*	N	2	*	b	*	-	55	36	*	*	*	*
	Nice	1005.1	49	-	0	b	1006.7	+3	50	-1	E	1	*	c	3	-	63	45	*	*	*	*
	Perpignan	1010.6	48	NW	6	c	1013.1	+1	48	0	NW	4	N	bc	*	-	63	43	*	*	*	*
	Sanguinaire	1003.9	55	N	3	o	1003.9	*	50	-5	SE	3	*	o	4	-	68	46	*	*	*	*
	Corunna (7 a.m.)	1025.7	52	NE	6	bc	1024.3	0	46	-6	NE	3	-	o	4	?	54	46	*	*	*	*
	Madrid (8 a.m.)	1013.1	59	NE	3	b	1016.6	+2	45	*	-	0	-	c	*	-	61	37	*	*	*	*
Lisbon (9 a.m.)														*	*							
Gibraltar														*	*							
Rome														*	*							
Azores (Horta, 8 a.m.)	1027.7	*	ESE	3	c																	

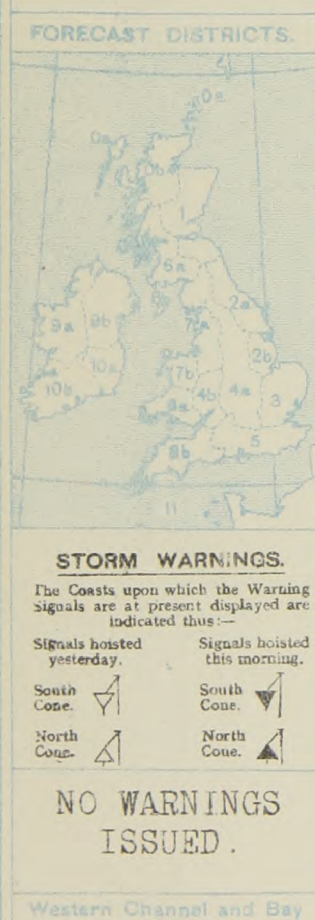
RAINFALL.

Equivalents of Millimetres.
in Inches.

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



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.



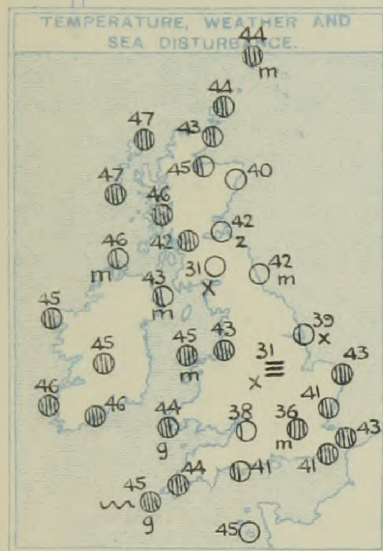
- | | |
|-----------------|---|
| 0 { a }
b } | Fresh or strong Westerly and South-Westerly winds; dull, misty, some rain; rather milder. |
| 1 { a }
b } | Light to fresh Westerly and South-Westerly winds; fine today, some showers tomorrow, becoming milder. |
| 2 { a }
b } | Light North-Westerly to Westerly winds; fine generally, misty in places; becoming milder. |
| 3 { a }
b } | Light North-Westerly to Westerly winds; fine generally; becoming rather warmer. |
| 4 { a }
b } | |
| 5 { a }
b } | |
| 6 { a }
b } | Same as No. 1. |
| 7 { a }
b } | Same as No. 2. |
| 8 { a }
b } | Same as Nos. 3 to 5. |
| 9 { a }
b } | Same as No. 1. |
| 10 { a }
b } | Same as Nos. 3 to 5. |
| 11 { a }
b } | Light to moderate Northerly and North-Easterly winds, with fair weather and a moderate sea. Remaining cool. |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m. WEDNESDAY, 14th APRIL, 1915.

GENERAL INFERENCE.

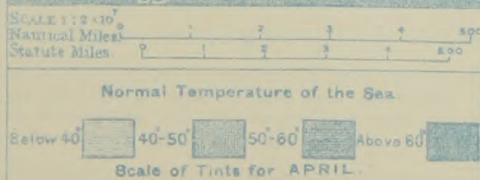
The depression over the Faerøe region will cause some increase in the strength of the Westerly and South-Westerly wind in Scotland, with showery weather. Anticyclonic conditions will continue to prevail over the southern parts of the Kingdom.



Inches
31

30

29



HIGH

EXPLANATION.

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

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

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

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

SEA DISTURBANCE.—Rough ~~~. High ~~~.

Wednesday, 14th April, 1915.

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

Additional Observations for Yesterday.

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

NOTES ON YESTERDAY'S WEATHER.

Over a large portion of the United Kingdom the thermometer failed to reach 50° and on our east and south-east coasts it did not reach 45°. Showers fell in most places, but considerable amounts of bright sunshine were recorded in the western and central 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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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 105.

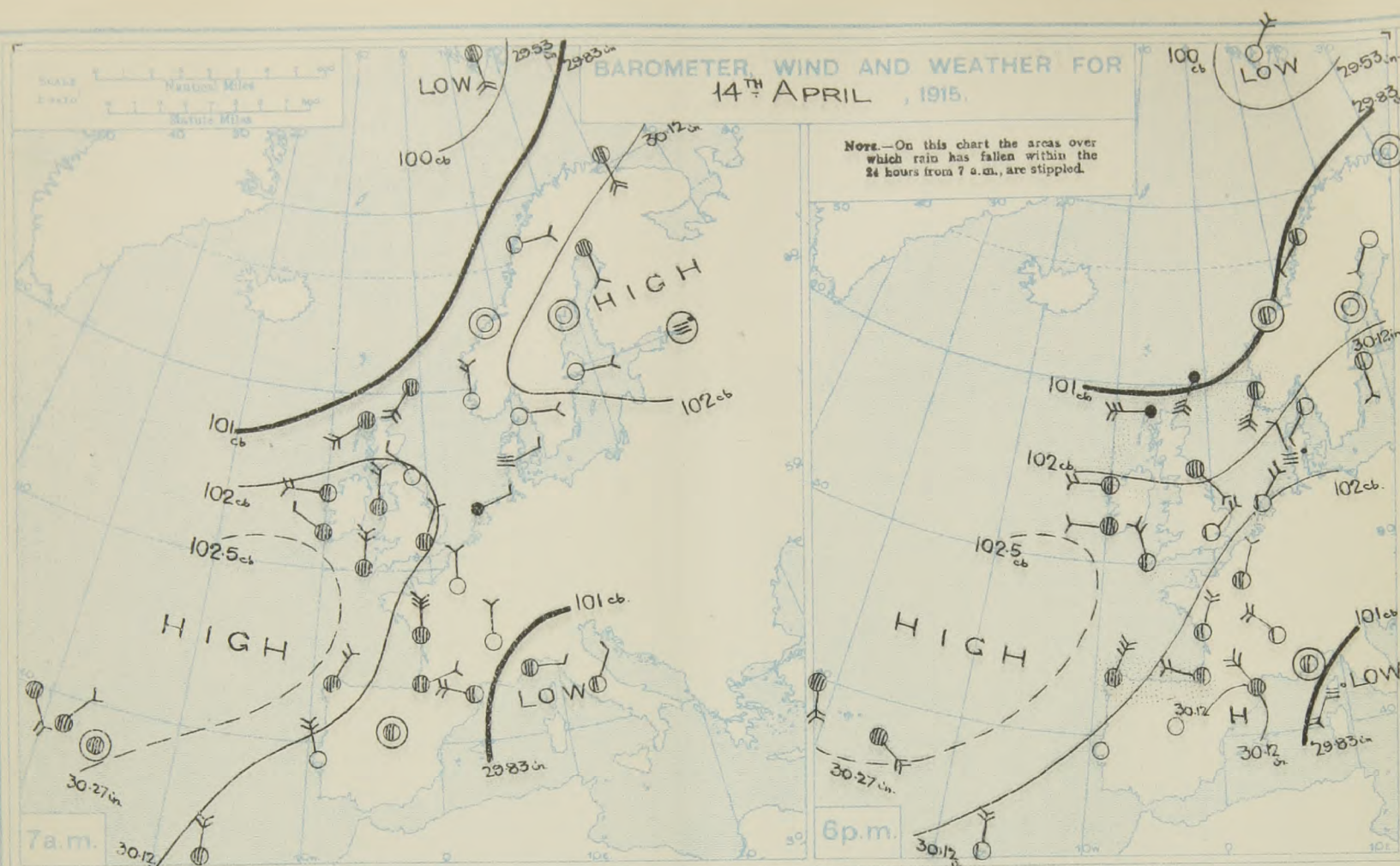
Thursday,
15th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	Temp. ° F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.																						
	Lerwick	1008.3	45	SSW	5	or	1012.6	+2	44	0	-	0	bc	0	7	47	37	c	or	bc		
	Deerness	1009.8	46	SSW	4	r	1013.9	0	42	-2	WNW	4	rw	2	4	47	40	c.o	or	r.o.c	0.3	
	Stornoway	1011.3	47	W	5	ogp	1015.7	+2	42	-5	WSW	2	-	0	2	49	40	od	ogp	c.odp	0.1	
	Castlebay (Barra Isd.)	1014.3	47	WSW	4	odp	1017.4	+1	45	-2	W	3	-	0	3	48	42	od	dp	dp.o	0.0	
	Glasgow	1017.2	46	SW	3	o	1018.5	+3	43	+1	SW	1	W	c	1	50	41	c.o.c	og d	ond.c.o	0.9	
	Eskdalemuir	1018.9	43	SW	4	o	1019.0	+1	43	+12	W	3	-	0	1	49	30	bc.c.c	c.b.o	ond	1.8	
	Malin Head	1017.4	46	WSW	4	ond	1019.0	0	44	-2	WSW	2	-	omp	3	48	44	ond	ond	omp	0.0	
	Blacksod Point	1020.8	47	W	3	ef	1021.6	0	47	+2	WSW	2	W	bc	2	Trace	51	44	fe	fe	omp.bc	
	Valencia	1024.0	49	W	2	o	1025.0	+1	49	+3	WNW	1	-	0	3	-	50	46	om	omp	om	0.0
	Roche's Point	1023.8	49	WNW	2	o	1024.5	0	48	+2	WNW	2	-	0	1	-	52	44	o	og	o.bc.o	
	Birr Castle	1022.3	49	W	1	c	1022.8	0	48	+3	W	1	-	0	2	50	44	c.o	c.c	cp.o	0.0	
	Donaghadee	1018.8	49	W	4	ogm	1019.3	+1	46	+3	W	3	-	ogm	2	-	54	43	cmg	ogm	c.ogm	
	Liverpool (Bidston)	1020.8	45	WNW	1	c	1020.6	0	46	+3	WSW	3	-	0	2	1	51	43	b	b.o	op	3.7
	Holyhead	1020.9	47	SW	4	o	1020.9	+1	47	+2	W	4	W	of	3	0.1	53	45	bc.c.bc	bc.c.o	op.c.fe	5.4
	Pembroke (St. Ann's)	1022.7	46	W	3	c	1023.3	0	46	+2	W	1	-	c	1	-	50	44	cg	c	c	0.6
	Scilly (St. Mary's)	1022.9	49	WNW	3	bc	1024.2	+1	47	+2	WNW	4	WNW	oe	4	1	51	45	cp	bc	bc.c	5.3
	Falmouth	1021.6	47	WNW	2	bc	1023.0	+1	47	+3	WNW	2	-	oe	2	1	52	43	bc.bc	bc.b.bc	bc.c	5.3
	Jersey (St. Aubin)	1020.7	47	E	3	b	1023.1	0	47	+2	WNW	3	WNW	bc	2	-	50	41	b	b	bc.c	12.2
	Portland Bill	1020.3	47	WNW	2	b	1022.2	+1	47	+6	WNW	1	-	b	2	-	52	41	bc	bc	bc.c	
	Dungeness	1018.7	45	N	3	c	1022.3	+1	39	-2	-	0	-	bc	1	-	48	34	o.bc.o	o.bc	bc.c	
	Dover	1019.9	42	N	4	b	1023.4	+2	43	0	N	1	-	bmoc	2	Trace	47	32	o.c	c.b.c	bc.c	2.0
	Wick	1011.2	46	SW	3	r	1015.2	+3	42	-1	WNW	3	W	o	2	2	41	41	c.o	ompd	ompd	
	Nairn	1011.9	50	WSW	2	on	1016.1	0	43	-2	W	1	-	cg	2	0.4	53	41	bc.cg	cg	d.c	0.7
	Aberdeen	1014.2	50	SW	3	op	1016.3	+3	44	+4	SW	2	W	c	2	0.1	56	39	b.bc.c	bc.c	op.c.b	6.4
	Leith	1015.7	49	SW	2	o	1017.5	+2	45	+3	WSW	2	SW	bc	0	-	54	41	b.bc.c	o	o	
	Tynemouth	1018.8	45	SE	2	om	1017.9	0	48	+6	WNW	2	W	ompd	3	1	50	41	bc	om	ompd	
	Spurn Head	1020.6	43	ESE	4	bc	1020.6	0	43	+4	SSW	3	-	om	3	-	48	38	bc	bc	bc	11.3
	Yarmouth	1020.8	43	NE	3	c	1022.4	0	44	+1	SW	2	-	bm	1	-	48	34	bc	c	b	4.1
	Clacton-on-Sea	1019.6	45	NNE	2	c	1022.4	+2	40	-1	WNW	1	-	bc	0	0.2	48	34	c.o	op.c	bc.b.bc	1.5
	Nottingham	1019.8	50	E	1	c	1020.6	0	45	+14	W	1	W	om	0	-	55	31	f.m.b	bc.c	c.bc.o	8.0
	Bath	1020.4	54	WNW	1	b	1022.5	0	45	+7	W	1	N	o	0	-	55	38	m.bc.c.o	bc.c.b	b.om	8.6
	London (Kew Obs.)	1020.2	51	NE	3	b	1022.8	+2	37	+1	-	0	-	bmoc	0	-	53	33	m.o.b	b.b.c	b.b.c	9.8
	Spitsbergen	995.5	25	NE	4	b	991.5	-5	23	-5	-	0	0	s	0	28	18					
	Isafjord																					
	Reykjavik																					
	Vestmanna																					
	Seydisfjord																					
	Thorshavn																					
	Vardö	1012.1	36	-	0	b	1008.2	-1	36	+2	S	5	-	b	3	37	30					
	Bodö	1010.1	39	SW	1	bc	1004.6	0	39	+2	S	4	-	bc	2	41	32					
	Christiansund	1009.7	45	-	0	c	1008.7	+1	43	+4	SW	1	-	o	3	46	39					
	Skudesnaes	1018.6	43	SSW	5	c	1014.6	-1	41	0	S	7	-	r	4	2	46	39				
	Færder (X'antia Fjord)	1019.9	39	SW	2	b	1017.3	-1	41	+5	SW	4	-	m	2	-	43	36				
	The Scaw (Skagen)	1021.0	41	SSW	1	b	1019.0	0	39	-2	SW	1	-	o	1	-	45	26				
	Blaavands Huk	1020.4	43	N	1	m	1021.3	+1	39	+7	SW	1	-	o	1	-	46	30				
	Haparanda	1018.9	32	SSW	2	b	1014.3	-2	30	0	S	4	S	bc	0	-	37	25				
	Hernösand	1015.7	34	-	0	b	1013.1	-2	37	+3	S	2	-	b	0	-	39	23				
	Stockholm	1020.7	41	S	2	bc	1018.6	-1	39	+2	WSW	2	SW	bc	0	-	48	30				
	Wisby	1020.2	41	ENE	2	b	1019.4	-1	43	+4	E	2	+	b	0	-	46	30				
	Karlstad	1020.2	45	-	0	bc	1018.1	-1	36	+4	-	0	-	b	0	-	45	27				
	Petrograd (5 a.m. G.M.T.)																					
	The Helder	1019.4	45	NE	3	b	1022.3	+2	41	-2	SSE	1	-	b	1	Trace	46	34				
	Brussels																					
	C. Gris Nez	1018.4	43	NNE	5	bc	1022.0	+3	43	0	ENE	1	0	bc	0	-	46	39				
	La Hève	1020.4	41	N	3	c	1023.0	0	39	-2	NNE	1	0	m	1	-	48	37				
	Ushant																					
	Brest (St. Mathieu)	1022.7	48	N	3	b	1025.1	+1	47	+1	N	3	0	o	2	-	54	45				
	Rochefort (Ile d'Aix)	1018.0	49	NNE	4	bc	1022.0	+2	44	-1	NE	4	0	b	0	-	52	43				
	Biarritz	1018.1	46	WNW	3	c	1020.0	+1	45	+1	NE	2	0	r	3	9	48	43				
	Paris	1017.3	46	NNE	3	c	1022.6	+4	39	-2	NNE	2	-	c	0	-	55	37				
	Belfort																					
	Lyons	1014.3	45	NW	4	b	1018.0	0	40	-2	N	2	0	b	0	-	55	36				
	Nice	1010.1	46	-	0	bc	1014.6	+2	51	+1	-	0	0	b	2	-	57	39				
	Perpignan	1021.2	48	NW	4	o	1017.3	+1	48	0	W	3	-	c	0	-	57	43				
	Sanguinaire	1006.6	54	SW	3	m	1010.6	0	54	+4	ESE	3	-	o	4	-	66	46				
	Corunna (7 a.m.)	1022.7	52	NNE	5	o	1025.2	+2	45	-1	SSW	2	NNE	o	3	1	54	43				
	Madrid (8 a.m.)																					
	Lisbon (9 a.m.)																					
	Gibraltar																					
	Rome																					
	Azores (Horta, 8 a.m.)	1023.9	64	W	3	o																
	Madeira (Funchal)	1019.1	64	N	4	b	1020.2	+1	55	-2	NE	5	-	bc	4	-	64	55				

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</



FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS
ISSUED.

Western Channel and Bay 11

- | | | | |
|----|---|---|---|
| 0 | a | } | Light or moderate Westerly and South-Westerly winds; cloudy, misty, slight showers locally; normal temperature. |
| | b | | |
| 1 | a | } | Light Westerly breezes; fair generally, but misty in places; rather warmer. |
| | b | | |
| 2 | a | } | Calms and light North-Westerly airs; fine, but hazy; Normal day temperature, cold night, ground frost locally. |
| | b | | |
| 3 | a | } | Same as No. 0. |
| | b | | |
| 4 | a | } | Same as Nos. 1 & 2. |
| | b | | |
| 5 | a | } | Light Westerly and North-Westerly breezes; fine but hazy; normal day temperature, cold night, ground frost locally. |
| | b | | |
| 6 | a | } | Same as Nos. 1 & 2. |
| | b | | |
| 7 | a | } | Light or moderate Northerly to North-easterly winds and a moderate sea; cloudy, misty. |
| | b | | |
| 8 | a | } | |
| | b | | |
| 9 | a | } | |
| | b | | |
| 10 | a | } | |
| | b | | |
| 11 | a | } | |
| | b | | |

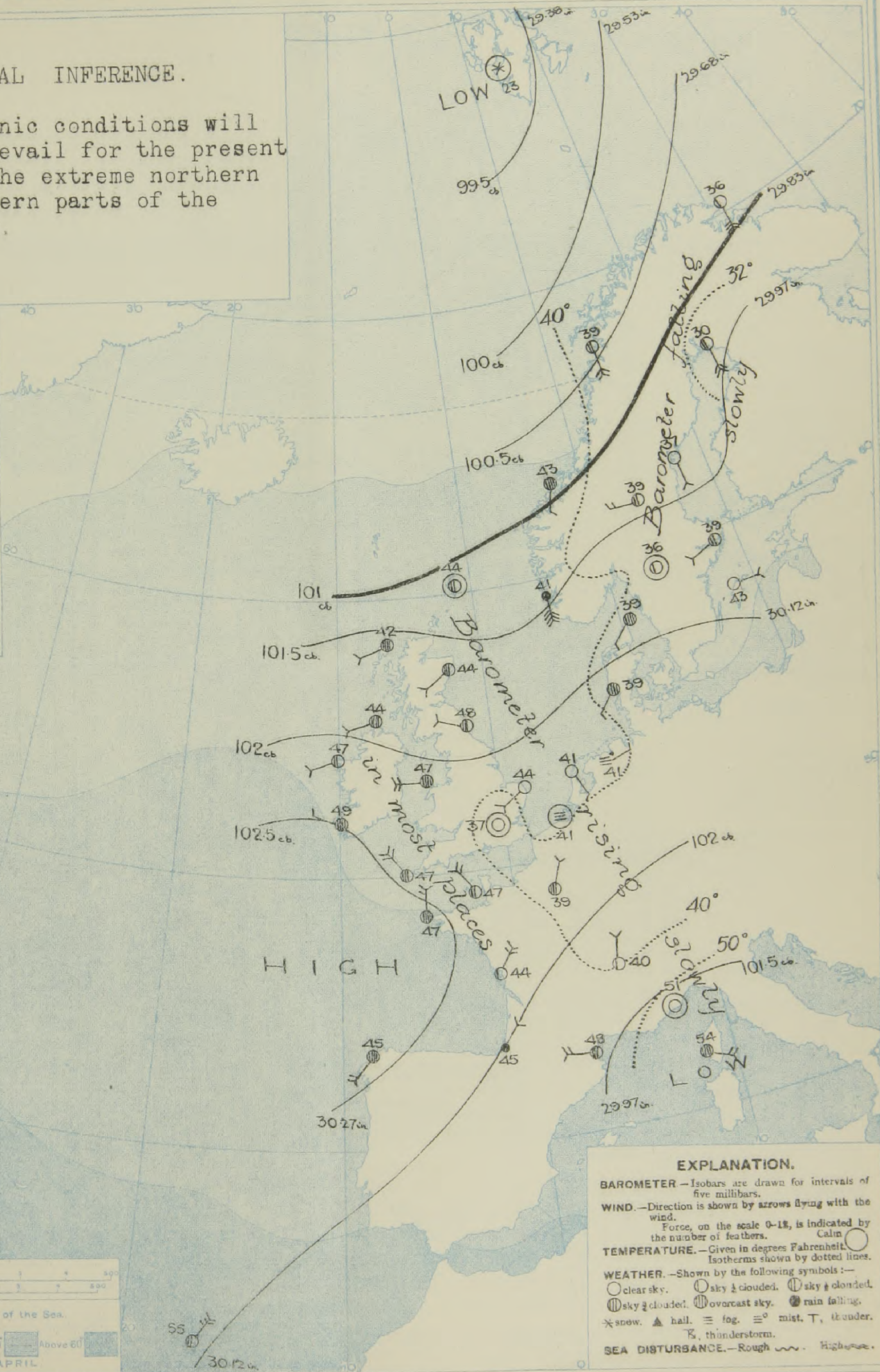
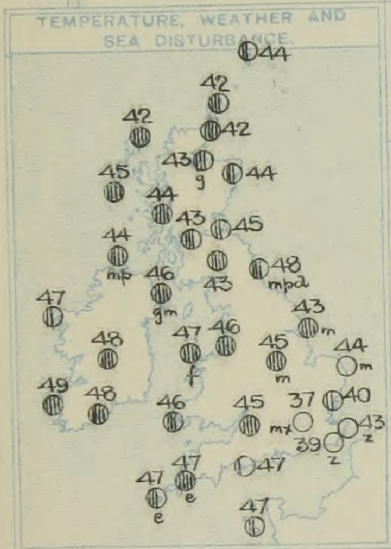
FURTHER OUTLOOK.

Millibars
1050
1040
1030
1020
1010
1000
990
980
970

SYNOPTIC CHART FOR 7 a.m., THURSDAY, 15TH APRIL, 1915.

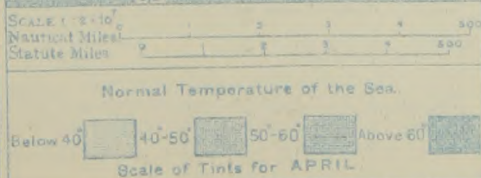
GENERAL INFERENCE.

Anticyclonic conditions will continue to prevail for the present over all but the extreme northern and north-western parts of the United Kingdom.



EXPLANATION.

- BAROMETER**—Isobars are drawn for intervals of five millibars.
- WIND**.—Direction is shown by arrows flying with the wind. Force, on the scale 0-18, is indicated by the number of feathers. Calm.
- TEMPERATURE**.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.
- WEATHER**.—Shown by the following symbols:—
- clear sky.
 - ◐ sky & clouded.
 - ◑ sky & clouded.
 - ◒ sky & clouded.
 - ◓ overcast sky.
 - ◔ rain falling.
 - ✱ snow.
 - ▲ hail.
 - ≡ fog.
 - ≡ mist.
 - T, thunder.
 - ⚡, thunderstorm.
- SEA DISTURBANCE**.—Rough wavy line. High sea.



DAILY WEATHER REPORT.

Thursday, 15th April, 1915.

REPORTS FOR YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
				Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.
			F.						F.	F.								
	Petrograd	1021.6	37	-	0	b	1024.2	+2	32	-	0	-	m	*	-	43	28	
	Lisbon	1014.9	59	NW	6	b	1016.3	+2	50	NW	4	-	bc	s	-	66	50	
	Rome	1005.0	48	NE	2	b	1007.3	+2	43	-3	NE	1	-	bc	*	-	61	41
	Horta	-	-	-	-	-	1026.7	+1	58	+1	NE	2	*	o	4	-	64	55
	Funchal	1026.1	64	NE	4	o	1019.1	+1	57	-2	N	4	-	o	4	-	68	57
14th April 1915.																		

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.	
Scot- land.	Oban	2	46	43	md	0	0.0	Tunbridge Wells	Trace	52	37	c.bc	bc.c.bc	4.4
	Banff	-	55	35	b.bc	c.o	3.1	Margate	1	50	40	c	c	1.9
	St. Andrews	-	54	34	*	%	4.4	Ramsgate	2	46	38	o	c	2.7
Eng., N.E.	Harrogate	-	54	33	b	b.bc	9.1	Folkestone	2	43	39	r.c.b	b.bc	1.3
	Scarborough	-	-	-	-	-	-	Hastings	1	49	39	od.c	c.bc	1.7
	Skegness	-	46	30	b.bc	bc.b	10.2	Bexhill-on-Sea	1	50	39	c.bc	c.bc	2.2
Eng., N.W.	Morecambe	-	49	40	bc.b	b.bc	9.1	Eastbourne	-	53	40	o.b.bc	b.bc.o	3.8
	Blackpool	0.3	50	42	b	b.bc	10.2	Seaford	-	54	37	c.bc	b.bc.c	6.7
	Southport	1	50	42	b.bc	bc.c	9.7	Brighton	-	53	36	b	b	8.7
Midlands.	Buxton	-	50	32	b	bc	8.6	Worthing	-	53	36	b	b	10.0
	Leamington Spa	-	54	33	bc.o	bc.om	6.1	Littlehampton	-	53	34	b	b	11.7
	Malvern	-	54	38	bc	bc	7.5	Bognor	-	54	34	b	b	9.5
	Ross-on-Wye	-	57	32	c.bc	c.b	8.1	Southsea	-	55	33	b	b.bc.c	9.5
Wales.	Rhyl	1	49	42	bc	bc	9.0	Bournemouth	-	55	33	b	b.bc.c	9.5
	Colwyn Bay	-	51	41	bc	bc	9.6	Weymouth	-	56	38	3.b	bm	8.5
	Llandudno	1	54	40	-	-	7.1	Torquay	-	55	41	b	bc.c.o	6.4
England, E.	Aberystwyth	0.3	49	43	m.o.c	c.b.o	7.5	Paignton	-	52	43	o.c.bc	bc.b.bc	5.1
	Tenby	-	55	44	o.bc	b	8.0	Falmouth	1	52	43	bc	b	6.3
	Swansea	-	-	-	-	-	-	Penzance	-	54	46	ov	b	4.5
England, W.	Cromer	0.3	43	40	c.o.cd	o.c	1.1	Newquay	-	49	44	ov	bc.cw	8.5
	Lowestoft	1	46	41	or.c	c.bc	4.4	Ilfracombe	-	51	43	c.bc.b	b	9.0
	Felixstowe	0.3	47	40	c	bc.c	1.5	Weston-super-Mare	-	52	37	b	b.bc.b	9.0
	Walton-on-Naze	1	46	39	c.bc	c.bc	1.8							
	Southend-on-Sea	1	49	36	o.c.bc.b	c.bc	4.5							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 48	% 66	Hr. 6.1	° F. 53	° F. 32	° F. 26	mm.‡ —	bc	bc c	bc
City (Bunhill Row) ...	* *	* *	8.3	* *	* *	* *	* *	*	*	*
Westminster (St. James's Pk.)	45	70	8.3	55	34	30	—	bc	b	b bc
Camden Sq. (Brit. Rainfall)	44	67	9.9	57	35	28	—	b	b bc	*
Hampstead (Reservoir) ...	*	67	9.7	52	36	22	—	bc	bc	bcx bme
Richmond Park	...	*								
Kew. (See front page.)	...	*	10.2							
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.		Average Rate.		Max. Rate.		
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				1724 Joules		34.9 Milli-watts.		67 Milli-watts.		
S. Kensington (Roof of M.O.)	43	63	9.3							

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.	
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.		After- noon.
		Max.	Min.					
Dublin to 4 p.m.	min. & Trace	° F. 54	° F. 44	F. 42				Hr. *
Darwen to 9 p.m.								
Manchester	Trace	50	37	*	b.cmp	em.bc	bc.c.o	4.0
Birmingham "	—	53	37	31	b	e	c.b	4.6
Oxford to 9 p.m.	*	55	33	27	bm	bc	cm	*
Teignmouth to 9 p.m.	—	56	41	40	bc	b.bc	bc	6.0
Plymouth	"							
S. Kensington (Museum Grounds to 6 p.m.)	—	55	34	29	b.bj	bj	b.bc	*

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

15th April, 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.57 4.56	G.M.T. 12.53 12.53	G.M.T. 6.48 6.50
Greenwich ...	5.7 5.5	12.0 12.0	6.53 6.55
Wick ...	5.3 5.1	12.12 12.12	7.22 7.24
Valencia ...	5.47 5.45	12.41 12.41	7.35 7.37

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 50° and 55° in many parts of the United Kingdom and touched 57° at Ross-on-Wye. Slight rain fell in most of the western and northern districts, but at the English stations the amount of bright sunshine was considerable.

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

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

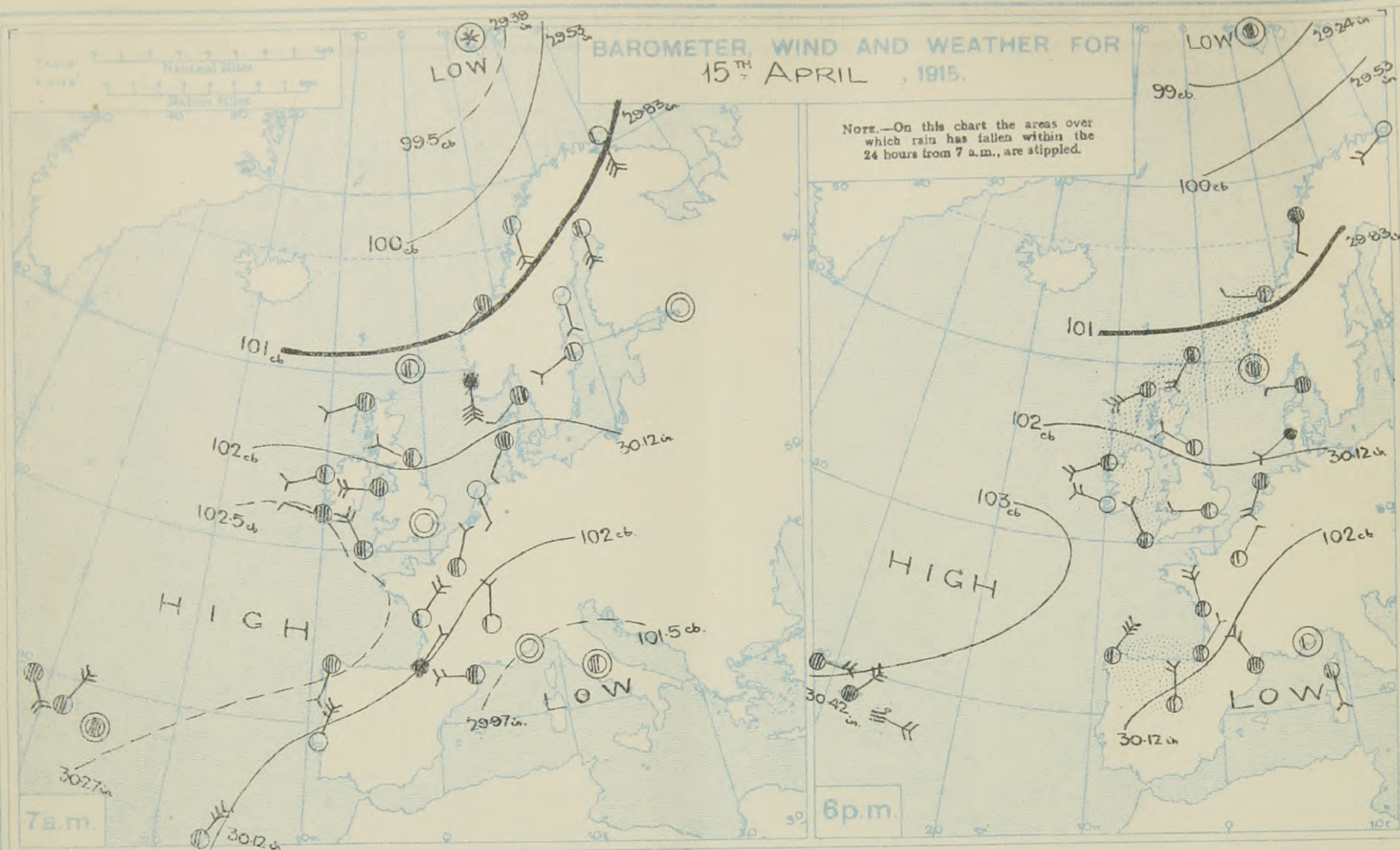
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 106.

Friday.
16th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Force 0-12.	Dir.						Force 0-12.	Dir.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
	Lerwick	1011.5	45	SW	3	c	1002.7	-2	42	-2	WSW	4	W	bc	3	2	48	38	bc	c	bc, bcp	*
	Deerness	1013.2	46	SW	4	c	1006.1	*	41	-1	WSW	6	SW	bcp	4	3	48	39	c	c	c, o, b, p	1.8
	Stornoway	1014.5	46	WSW	5	c, p	1010.5	+2	37	-5	WSW	7	-	o, p	5	4	51	36	o, p, c	c, p	c, o, b, o, p	4.3
	Castlebay (Barra Isd.)	1018.1	47	WSW	3	o, p	1015.2	0	43	-2	W	5	W	b	6	2	49	41	c	o, p	o, p, b	3.5
	Glasgow	1019.6	48	W	3	bc	1015.4	-1	43	0	WSW	4	-	o, p	*	4	52	42	o, c	o, c, p, c	o, p, b	3.7
	Eskdalemuir	1020.1	46	W	4	c	1016.2	-3	44	+1	SW	6	-	o, d	*	1	54	41	o, c, o	o, p, c	o, p, b	4.2
	Malin Head	1021.2	48	W	3	b, cm	1018.8	+3	50	+6	WNW	5	W	cm, g	5	2	50	43	c	b, cm	o, m, g	3.5
	Blacksod Point	1024.0	48	WSW	3	bc	1022.4	+3	45	-2	WSW	5	W	c, g	3	2	52	43	bc	bc	bc, o, m, r	*
	Valencia	1026.7	52	WNW	3	b	1026.1	-1	48	-1	WSW	1	-	o, m, g	3	-	53	44	cm	bc	cm	4.8
	Roche's Point	1026.4	54	WNW	2	b	1026.3	*	44	-4	NW	1	-	o	1	-	54	42	o	o, c, bc, b	b, cm	*
	Birr Castle	1024.7	53	W	1	c	1024.1	*	47	-1	SW	2	-	r	*	2	56	45	c	c	c, o, p, r	2.5
	Donaghadee	1021.6	51	NW	2	cm	1019.0	-1	48	+2	W	5	W	o, m, r	3	1	51	46	b, cm, p	b, cm, p, c	cm, g, cm	*
	Liverpool (Bidston)	1022.7	47	W	3	b	1021.9	-1	47	+1	W	3	W	o	3	0.2	52	44	o, p	o, b	o	1.2
	Holyhead	1022.8	51	W	4	b, c, g	1022.7	0	47	0	SW	3	W	o, m, g	2	0.1	55	45	o, c, p, d, o	o, c, o, b	b, o, b, c, p	2.5
	Pembroke (St. Ann's)	1024.8	47	WNW	1	c	1025.1	0	46	0	W	1	NW	cm	1	0.3	56	45	c	c	c	2.6
	Scilly (St. Mary's)	1025.4	50	NW	2	o, r	1026.2	+1	46	-1	WNW	1	-	b, cm	3	0.1	55	45	bc	bc, c	c, p, bc	5.8
	Falmouth	1025.0	50	NW	2	o, g	1025.4	0	46	-1	NW	2	-	o, g	2	-	54	44	a, bc, c	c, o	o, b, o, g	3.5
	Jersey (St. Aubin)	1024.0	50	WNW	3	o	1025.5	*	46	-1	-	0	-	fe	0	-	54	43	bc	bc, c, o	b, o, p	8.0
	Portland Bill	1023.6	48	W	2	c	1024.6	+1	48	+1	N	1	-	b	1	-	55	45	bc	c	c, bc, b	*
	Dungeness	1022.6	46	SW	3	c	1023.3	0	46	+7	WSW	2	W	c	2	-	49	39	bc	bc	bc, c, o, c	*
	Dover	?	45	SW	3	c	1023.9	+1	50	+7	W	1	W	c, g	1	-	49	43	bc	b, bc, c	c, o, c, g	11.0
	Wick	1014.3	48	W	3	o	1008.6	-1	39	-3	W	3	-	b	2	2	50	38	o, m, g	o, m, g	o, m, r, bc	*
	Nairn	1015.4	48	W	3	o, g	1010.9	*	41	-2	W	3	-	cu	2	3	54	40	c, g	bc	u, r, c	3.5
	Aberdeen	1016.4	52	WSW	2	b, c	1011.3	0	37	-7	W	1	-	o	2	Trace	53	43	c, o	o, c, bc	bc, b, o, p	2.4
	Leith	1018.1	52	WSW	2	c	1014.3	-1	48	+3	WSW	3	W	p	*	0.1	53	44	bc, c, o	o, c	c, bc	*
	Tynemouth	1018.6	52	WNW	2	b, cm	1016.9	-3	48	0	WSW	2	-	cm	2	-	53	?	cm	b, cm	cm	*
	Spurn Head	1020.6	50	-	0	bc	1021.8	-1	44	+1	WSW	4	-	cm	3	-	53	40	cm	bc	b	0.6
	Yarmouth	1021.6	52	SW	2	cm	1022.7	0	45	+1	W	2	W	b, cm	1	-	56	39	b, m	b, m, cm	b	6.1
	Clacton-on-Sea	1021.0	47	SSW	2	c	1023.2	0	46	+6	WNW	2	NW	b, cm, w	0	-	48	39	bc, c, o	o, c	c, b, w	7.0
	Nottingham	1021.9	54	WNW	3	c	1022.4	*	41	-4	W	2	W	b, m	*	-	56	38	o, c	cm	c, b	0.2
	Bath	1023.3	50	W	1	o	1024.6	*	40	-5	W	1	-	m	*	1	57	37	m, o, c, bc	c, o, r	r, o, b, m, p	1.2
	London (Kew Obsy.)	1022.8	54	W	1	cm	1024.5	+2	44	+7	WSW	1	-	fw	*	-	56	37	b, m, r, bc, m, cm, bc, cm, o, m, b, cm, g, o	bc, cm, o, m, bc, cm, o, m, b, cm, g, o	bc, cm, o, m, bc, cm, o, m, b, cm, g, o	2.8
ICELAND, FAEROE, &c.	Spitsbergen	987.5	21	-	0	c	993.0	+9	28	+5	S	6	*	c	*	*	25	21	*	*	*	*
	Isafjord...														*	*	*	*	*	*	*	*
	Reykjavik														*	*	*	*	*	*	*	*
	Vestmanna														*	*	*	*	*	*	*	*
	Seydisfjord														*	*	*	*	*	*	*	*
	Thorshavn														*	*	*	*	*	*	*	*
NORTH EUROPE.	Vardö	1006.6	36	WSW	3	b	1006.3	0	37	+1	-	0	-	b	2	*	39	32	*	*	*	*
	Bodö	1007.9	37	SSW	1	o	1001.9	-3	39	0	E	1	-	b	1	-	41	32	*	*	*	*
	Christiansund	1009.1	39	W	1	c	999.1	-6	45	+2	WSW	2	-	o	4	2	45	37	*	*	*	*
	Skudesnaes	1013.6	43	-	0	o	1009.2	-2	43	+2	S	4	-	o	4	3	43	41	*	*	*	*
	Færder (X'ania Fjord)	1014.0	39	SW	6	o	1011.0	0	39	-2	WSW	2	-	b	2	-	41	37	*	*	*	*
	The Scaw (Skagen)	1016.4	41	W	1	o	1013.3	+2	43	+4	W	4	W	bc	3	-	46	39	*	*	*	*
	Blaavands Huk	1018.7	43	SW	2	r	1018.4	0	41	+2	WSW	3	-	bc	2	1	48	37	*	*	*	*
	Haparanda														*	*	*	*	*	*	*	*
	Hernösand														*	*	*	*	*	*	*	*
	Stockholm														*	*	*	*	*	*	*	*
FRANCE, &c.	Wisby														*	*	*	*	*	*	*	*
	Karlstad														*	*	*	*	*	*	*	*
	Petrograd (5 a.m. G.M.T.)														*	*	*	*	*	*	*	*
	The Helder	1021.7	45	SW	3	o	1021.5	0	46	+5	SSW	2	-	c	1	-	50	41	*	*	*	*
	Brussels		*	*	*	*									*	*	*	*	*	*	*	*
	C. Gris Nez	1022.1	46	WSW	4	bc	1023.5	0	46	+3	SSW	4	*	o	2	-	50	43	*	*	*	*
	La Hève	1023.8	43	N	2	b	1023.3	*	41	+2	S	1	*	m	1	-	50	39	*	*	*	*
	Ushant	1025.7	50	N	3	o	1026.0	*	50		N	2	*	o	3	-	57	46	*	*	*	*
	Brest (St. Mathieu)	1026.1	53	N	2	c	1026.9	0	50	+3	WNW	1	*	o	1	-	55	47	*	*	*	*
	Rochefort (Ile d'Aix)	1023.3	50	WNW	4	c	1025.0	0	43	-1	NE	2	*	b	*	-	61	41	*	*	*	*
SOUTHERN EUROPE.	Biarritz	1022.1	49	NE	2	c	1023.7	+1	46	+1	SSW	2	*	b	2	9	48	43	*	*	*	*
	Paris	1022.9	52	NNE	1	b	1025.5	+1	39	0	-	0	-	b	*	-	59	34	*	*	*	*
	Belfort														*	*	*	*	*	*	*	*
	Lyons														*	*	*	*	*	*	*	*
	Nice	1019.9	47	-	0	b	1023.8	+1	50	-1	-	0	*	bc	3	-	57	41	*	*	*	*
	Perpignan	1019.4	54	NW	3	o	1022.0	+2	52	+4	NW	2	-	b	*	-	63	46	*	*	*	*
	Sanguinaire	1015.1	54	S	2	c	1019.7	*	51	-3	NW	2	*	b	2	-	66	46	*	*	*	*
	Corunna (7 a.m.)	1024.8	54	NE	6	bc	1026.7	0	46	+1	N	1	-	f	3	?	55	43	*	*	*	*
	Madrid (8 a.m.)	1018.0	46	N	3	bc	1021.5	+2	45		ENE	3	-	f	*	Trace	52	36	*	*	*	*
	Lisbon (9 a.m.)																					

RAINFALL. Equivalents of Millimetres. in Inches.

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



FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

South Cone
Hoisted at
4.5 a.m. today.

Western Channel and Bay 11

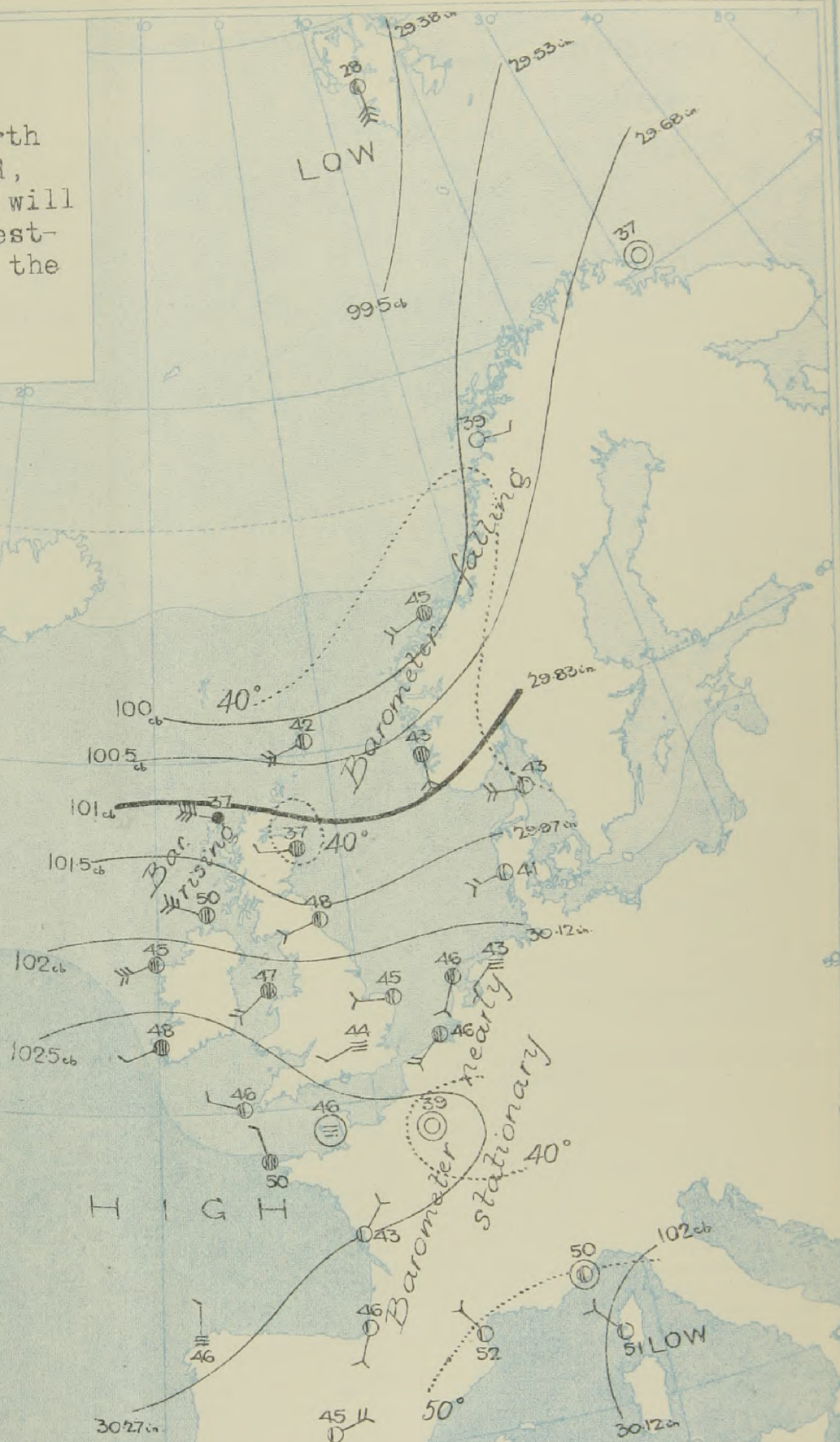
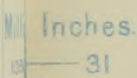
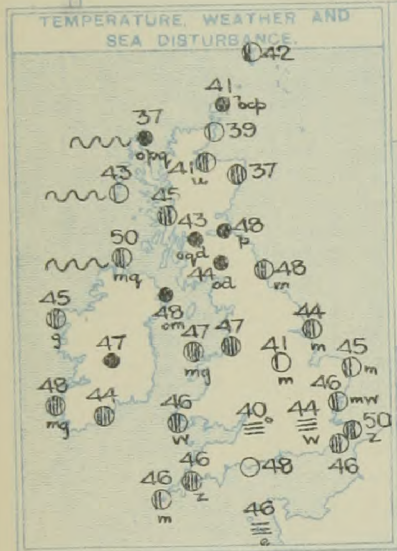
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|----|---|---|---|
| 0 | a | } | Westerly to North-Westerly winds, fresh or strong in places; cloudy, changeable, some showers, improving later; temperature below the normal. |
| 1 | b | | |
| 2 | a | } | Light to moderate Westerly and North-Westerly winds; fine at first, cloudy later, with slight rain in places; temperature below the normal. |
| 3 | b | | |
| 4 | a | } | Same as Nos. 0 to 2. |
| 5 | b | | |
| 6 | a | } | Westerly winds, moderate or fresh; cloudy, changeable, some showers, improving later; temperature below the normal. |
| 7 | b | | |
| 8 | a | } | Light North-Westerly winds; mostly fair, but slight showers locally; temperature below the normal. |
| 9 | b | | |
| 10 | a | } | Same as Nos. 0 to 2. |
| 11 | b | | |
| | | } | Same as No. 8. |
| | | | |
| | | } | Light North-Westerly to Northerly winds and a slight sea; mostly fair, but misty in places; temperature below the normal. |
| | | | |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., FRIDAY, 16TH

GENERAL INFERENCE.

The depression in the north will pass away to the eastward, but cloudy, unsettled weather will extend temporarily from the westward over the greater part of the United Kingdom.



EXPLANATION.

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

WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0-12, 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 $\frac{1}{2}$ clouded. ⊕ sky $\frac{1}{2}$ clouded.

☉ sky & clouded. ☁ overcast sky. ☔ rain falling.

✕ snow, ▲ hail, ≡ fog, ≡^o mist, T, thunder.

⚡, thunderstorm.

SEA DISTURBANCE.—Rough High

DAILY WEATHER REPORT.

Friday, 16th April, 1915.

1915.

REPORTS FOR YESTERDAY.	STATIONS.	EVENING OBSERVATIONS,					OBSERVATIONS AT 7 A.M., G.M.T.											
		Barom. Milli- bars at M.S.L.	Temp.	Wind.		Weather.	Barometer.		Temp.		Wind.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
" F.					" F.	" F.												
Petrograd	1021.1	37	-	0	b	1017.0	0	36	+4	-	0	-	b	4	-	45	30	
Lisbon	1016.1	57	NNW	6	b	1017.7	+1	52	+2	N	5	-	b	5	-	61	50	
Rome	1012.4	54	WNW	1	b	1014.9	+3	46	+3	-	0	-	c	4	Trace	61	46	
Horta.						1027.5	+1	57	-1	NNE	4		c	4		61	55	

15th April 1915

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.			
	mm. §	° F.	° F.			Hr.		mm. §	° F.	F.			Hr.		
Scot. land.	Oban	3	46	44	p	bc	0.1	England, S.E.	Tunbridge Wells	55	30	b	b	7.3	
	Banff	-	52	42	c.bc	bc	1.6		Margate	55	36	b	c	8.7	
	St. Andrews	-	55	36	*	*	4.8		Ramsgate	52	35	bc	bc.o	8.7	
Eng. N.E.	Harrogate	0.1	55	42	o.c	c.bc	3.4		Folkestone	50	35	b.bc	b	10.0	
	Scarborough	*	55	37	o.c	c.o.u	1.1		Hastings	49	36	b	b.bc	9.4	
	Skegness	-	55	37	o.c	c.o.u	1.1		Bexhill-on-Sea	50	37	b	b	10.0	
Eng. N.W.	Morecambe	0.3	49	44	o	od.bc	0.4		Eastbourne	51	32	b	b.bcz	7.9	
	Blackpool	1	49	45	o	od.bc.b	0.3		Seaford	51	34	bc	b	8.7	
	Southport	1	50	44	o.c	o.c.o.c	0.2		Brighton	50	33	b.bc	bc.c.bc	6.7	
Midlands.	Buxton	2	52	40	or.bc	bc	1.5		Worthing	51	33	bc	bc	6.2	
	Leamington Spa	-	55	38	o.c	o.c	0.1		Littlehampton	52	*	b	b.bc	4.7	
	Malvern	-	54	44	c	c	0.3		Bognor	50	37	b	o.bc	5.3	
	Ross-on-Wye	-	57	42	bc	bc.c.o	0.5		Southsea	57	38	b	bc.c	4.2	
Wales.	Rhyl	1	54	44	c	cp.bc	1.9		England, S.W.	Bournemouth	56	47	bc	o.c.o	1.1
	Colwyn Bay	-	53	45	c	c.bc	1.5			Weymouth... ..	57	42	o.bc	bc.c	0.9
	Llandudno	3	53	43	c	c	1.1	Torquay		53	44	o	c.o	0.4	
	Aberystwyth	1	48	45	or.o	o.c.o	0.1	Paignton		54	42	c	c	0.1	
	Tenby	-	56	47	bc.o	bc.o	1.8	Falmouth		54	43	o.bc.c	c.o	3.5	
	Swansea	-	56	47	bc.o	bc.o	1.8	Penzance		56	46	bc	c.o	7.4	
England, E.	Cromer	-	52	35	r.o.cm	o.c	3.0	Newquay	0.3	51	45	bc.bv	bc.ov	4.0	
	Lowestoft	-	52	35	bc	om	6.3	Ilfracombe... ..	51	45	b.bc.c	o	4.0		
	Felixstowe	0.3	49	30	bc	om	6.3	Weston-super-Mare	53	43	c.bc	bc.o	1.0		
	Walton-on-Naze	-	48	35	b.bc	c.cm	7.8								
	Southend-on-Sea	-	55	36	b	c.o.cz	5.6								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.									
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.										
				Max.	Min.								Max.	Min.														
24 HOURS ENDED 9 A.M. TO-DAY.																												
	° F.	° F.	Hr.	° F.	° F.	° F.	mm. §					mm §	° F.	° F.	F.				Hr.									
Greenwich (Royal Obs.) ...	58	73	3.5	58	43	34	—	bc.c	c.o.c	c.b.b	Dublin to 4 p.m.	5	54	37	36	c.od	od.b	od.c	*									
City (Bunhill Row) ...	*	*	0.7	*	*	*	*	*	*	*	Darwen to 9 p.m.	2	53	43	*	o.d	o.c.bc	bc.c.o	0.5									
Westminster (St. James's Pk.)	63	74	2.7	57	43	35	—	bc	bc	bc.b	Manchester "	—	54	42	31	*	o	o	0.1									
Camden Sq. (Brit. Rainfall)	67	71	1.8	58	42	35	—	bc.c	o.bc	*	Oxford to 9 p.m.	*							*									
Hampstead (Reservoir) ...	*	75	3.1	56	41	27	—	bc.c	o.c	bc.bm	Teignmouth to 9 p.m.	*							*									
Richmond Park ...	*	*	3.2	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																S. Kensington	—	57	38	27	bc.b	bc.c	o.c.o	*
Kew. (See front page.)																				(Museum Grounds to 6 p.m.)								
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.																				
S. Kensington (Roof of M.O.)	57	71	2.6	572 Joules		17.6 Milliwatts.		56 Milliwatts.																				

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

16th April, 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.55	G.M.T. 11.53	G.M.T. 6.50
Greenwich ...	5.5	12.0	6.55
Wick ...	5.1	12.1	7.24
Valencia ...	5.45	12.41	7.37

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 55° or above it at several of the English stations. A considerable amount of bright sunshine was recorded on the South-east coast of England, but slight rain fell in many of our western and northern 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

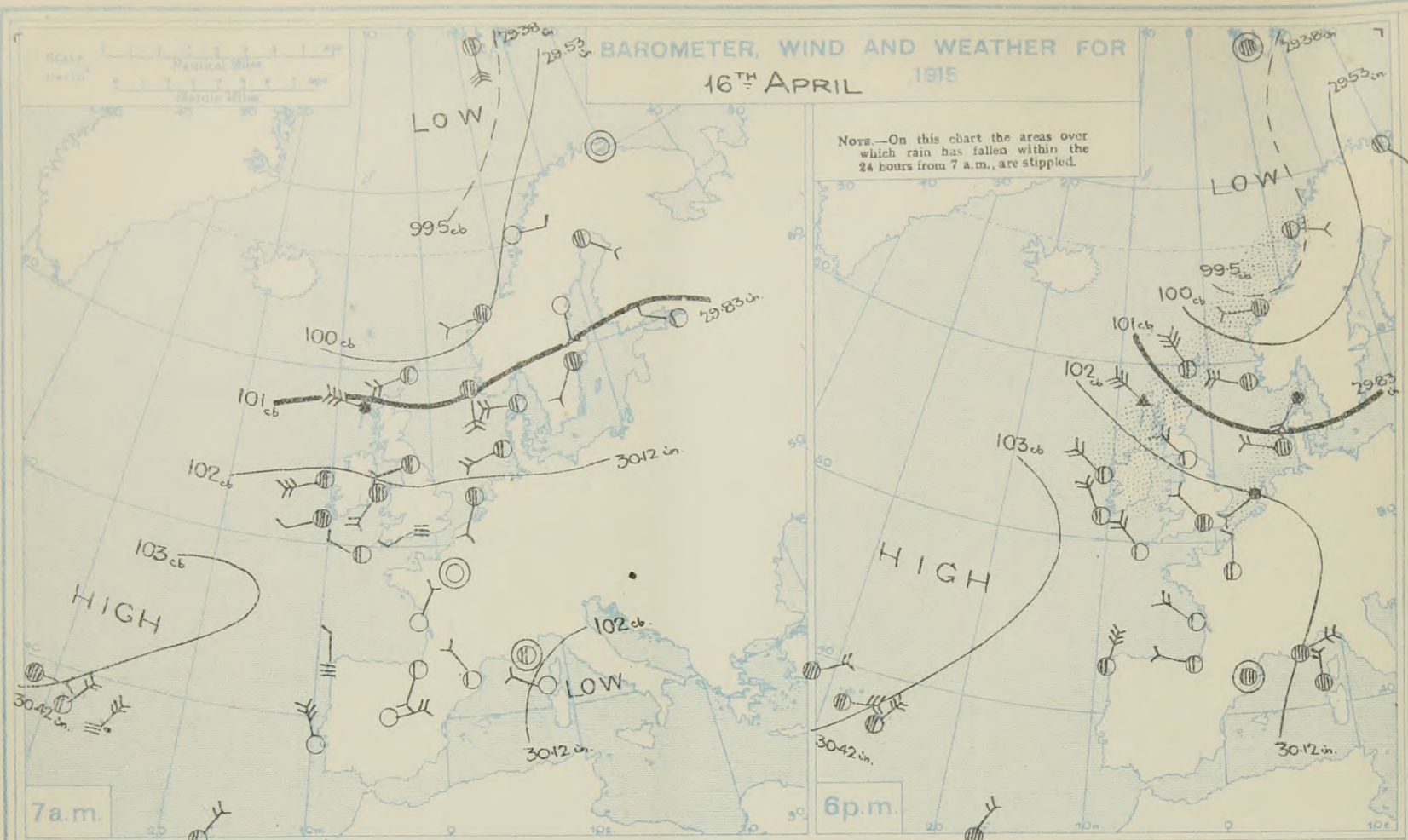
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 107

Saturday,
17th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	Temp. ° F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall, Milli- metres.	TEMP.		WEATHER.				
				Force 0-12.			Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours.	Dirac. Force 0-12.						Max.	Min.	Morning	Afternoon.	Night.		
																					Hours.		
BRITISH ISLANDS.	Lerwick	1008.7	39	NNW	6	bc	1017.0	+3	37	-5	NW	3	NW	bc	4	2	42	30	bcp	bcp	bcp	*	
	Deerness	1014.2	36	NNW	6	cqph	1020.0	*	34	-7	SW	1	-	o	2	5	44	35	bcp.c	cph.cq.bc	bcp.o	6.3	
	Stornoway	1018.3	43	NW	6	bcqph	1021.6	0	40	+3	W	3	W	c	3	2	45	35	o.b.cqph	bcqph	bc.c	6.2	
	Castlebay (Barraisd.)	1021.7	43	NW	5	o	1022.7	0	44	+1	W	3	W	bc	3	1	46	38	b.op.b	b.o	o.bc	8.0	
	Glasgow	1020.8	41	NNW	4	bc	1024.8	+2	38	-5	SW	1	-	b	*	1	48	35	o.p.cq	c.b.cq	bc.b.c.p	8.8	
	Esksdalemuir	1021.4	42	NNW	5	c	1025.1	+2	38	-6	NW	4	-	c	*	1	49	29	o.d.c	c	c.bc	8.8	
	Malin Head	1024.6	44	NW	6	bcq	1025.8	+1	44	-6	W	2	NW	bc	3	Trace	45	39	c.mq.p	bcq	bc	2.6	
	Blacksod Point	1027.0	45	NNW	4	bc	1027.7	0	42	-3	NNW	3	NW	bc	2	1	49	39	bc	bc	bcp.bc	*	
	Valencia	1025.4	49	NNW	4	bc	1030.1	+1	41	-7	-	0	-	o	3	-	52	39	o	c	c	4.0	
	Roche's Point	1027.4	51	N	4	bc	1029.8	*	43	-1	NNW	2	-	o	1	0.1	54	41	om	a.b.c	b.o	*	
	Birr Castle	1026.9	47	NW	3	c	1029.3	*	41	-6	NNW	1	-	bc	*	0.4	54	39	o.p.c	c	bc	2.7	
	Donaghadee	1023.3	45	NW	4	cgm	1026.3	+1	40	-8	NNW	4	W	bc	3	0.4	49	39	o.gm	c.mq	cq.bcp	*	
	Liverpool (Bidston)	1024.2	45	NNW	4	c	1026.3	0	43	-4	NNW	3	NW	b	2	-	50	41	o.g	o.b.c	c.b	0.6	
	Holyhead	1024.6	47	N	4	o.g	1026.6	+1	44	-3	NW	5	-	b	4	1	52	43	o.p.d.o.c	c.b.c.o	bc.o.b.c	1.7	
	Pembroke (St. Ann's)	1025.9	45	N	2	bc	1027.8	+1	43	-3	N	2	N	b	2	0.2	48	39	c.o	c	c	0.3	
	Scilly (St. Mary's)	1025.4	50	NW	4	b	1027.2	+2	47	+1	NE	3	N	bc	3	-	55	44	bc	bc	om.b.c.b	7.8	
	Falmouth	1024.6	49	NW	3	o	1026.6	+1	43	-3	N	3	-	b	2	-	58	41	o.b.b.c.c	c.o	o.b.c.b	5.4	
	Jersey (St. Aubin)	1024.4	46	W	3	fe	1024.7	*	48	+2	NE	4	-	o	3	-	55	45	fe.o.c.m	c.o.f	f.o	4.8	
	Portland Bill	1023.4	50	W	2	bc	1025.4	+1	44	-4	NE	3	-	b	2	-	54	43	bc	bc	b.b.c	*	
	Dungeness	1021.2	48	SW	4	o	1023.4	+1	41	-5	NNW	4	N	bc	3	2	52	39	c.b.c.b	bc.o	bc	*	
	Dover	1022.6	51	SSW	1	o	1024.0	+1	43	-7	NNW	4	-	b	4	2	57	38	b.b.c	bc.c.o	o.c.b	0.7	
Wick	1015.5	39	NNW	3	c	1020.9	+2	34	-5	NNW	3	-	s	2	4	45	32	omqps	eqsp	osp	*		
Nairn	1017.8	41	NNW	4	cq	1022.4	*	37	-4	W	1	-	c	2	1	46	33	q.rsp	rhsp	p.g.c	6.5		
Aberdeen	1018.1	43	NNW	5	bc	1022.4	+3	40	+3	NNW	4	NW	bc	2	0.1	51	36	o.p.cq	bcq	bc.b	8.6		
Leith	1019.1	47	W	4	bc	1024.0	+3	38	-10	WSW	2	W	bc	4	-	51	36	cq	cq	bc	*		
Tynemouth	1019.1	47	NW	3	b.m	1024.1	+3	39	-9	NW	2	-	b	2	-	55	*	bc.m	bc.m	b	*		
Spurn Head	1020.3	50	NNW	5	bc	1024.1	+4	42	-2	NW	5	-	bc	5	-	50	39	om	bc	bcq	2.3		
Yarmouth	1020.8	54	W	2	om	1024.2	+2	42	-3	W	2	-	b.c.m	1	-	59	38	bc.m	bc.m	bc	5.7		
Clacton-on-Sea	1020.9	57	NNW	3	o	1024.2	+1	40	-6	NNW	3	-	b.g	1	1	62	37	bc	bc.c.o	o.b.c.b	8.4		
Nottingham	1022.8	49	NNW	4	bc	1025.5	*	39	-2	NW	1	-	b.m	*	-	55	32	c.o.m	o.c.b.c.m	bc.b	2.2		
Bath	1023.5	52	NNW	2	o	1026.5	*	42	+2	NNE	1	N	o	*	-	60	36	m.b.o	o.c	o.c	6.8		
London (Kew Obsy.)	1024.6	57	NW	2	o	1025.8	+2	41	-3	NNW	2	-	b.m	*	-	60	38	fw.b.m.b.c	bc.b.o	o.c.b.c.m	5.4		
ICELAND, FAEROE, &c.	Spitsbergen	994.4	28	-	0	o	993.0	-7	32	+4	-	0	*	c	*	32	4	GALES. Duration and Extreme Force in British Islands. Glasgow 16th 8 a.m.-2 p.m. W 8 in Squalls Nairn 16th 11 a.m.-4 p.m. WNW 8 Ex. WNW 10 at 2 p.m. Aberdeen 16th morning gusts WNW 2 mps 16th 3 p.m. WNW 8 gusts WNW 27 mps.					
	Isafjord												*	*	*	*	*						
	Reykjavik												*	*	*	*	*						
	Vestmanna												*	*	*	*	*						
	Seydisfjord												*	*	*	*	*						
	Thorshavn												*	*	*	*	*						
NORTHERN EUROPE.	Vardö	1003.1	36	SSE	1	bc	999.3	0	37	0	SSE	2	-	b	1	*	37	32					
	Bodö	994.6	39	ESE	2	bc	991.5	+2	36	-3	E	1	-	m	1	1	43	34					
	Christiansund	995.3	34	W	2	o	1003.5	+5	34	-11	NW	7	-	c	4	10	45	32					
	Skudesnaes	1004.4	39	NNW	5	c	1014.4	+3	37	-6	NNW	6	-	c	3	-	45	32					
	Færder (Xaniafjord)	1001.6	41	SW	6	c	1008.0	+5	37	-2	W	6	-	b	3	-	41	36					
	The Scaw (Skagen)	1007.1	44	SSW	4	r	1011.7	+4	39	-4	W	6	-	b	5	1	50	37					
	Blaavands Huk	1014.3	43	NNW	3	o	1019.4	+3	41	0	NW	3	-	b	4	1	45	37					
	Haparanda												*	*	*	*	*						
	Hernösand												*	*	*	*	*						
	Stockholm												*	*	*	*	*						
FRANCE, &c.	Wisby												*	*	*	*	*						
	Karlstad												*	*	*	*	*						
	Petrograd (5 a.m. G.M.T.)												*	*	*	*	*						
	The Helder	1020.0	46	SW	2	r	1022.9	+3	45	-1	NNE	2	W	c	1	1	52	43					
	Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
	C. Gris Nez	1021.3	47	SW	4	o	1022.7	+1	43	-3	NNE	5	*	m	3	2	54	43					
	La Hève	1021.5	44	NNW	2	c	?	*	45	+4	NE	2	*	o	1	1	50	41					
	Ushant												*	*	*	*	*						
	Brest (St. Mathieu)	1024.8	50	NNW	3	c	1025.2	0	49	-1	NE	3	*	o	3	-	55	46					
	Rochefort (Ile d'Aix)	1023.7	53	NW	3	b	1022.0	0	46	+3	N	2	*	b	*	-	61	43					
SOUTHERN EUROPE.	Biarritz	1023.3	54	NNW	2	bc	1020.6	0	49	+3	NW	2	*	o	2	-	55	46					
	Paris	1022.6	55	N	2	bc	1022.0	0	46	+7	N	1	-	o	*	-	64	39					
	Belfort							*	*	*	*	*	*	*	*	*	*						
	Lyons							*	*	*	*	*	*	*	*	*	*						
	Nice	1020.0	55	E	4	o	1015.1	-3	57	+7	-	0	*	o	2	-	59	45					
	Perpignan	1021.3	54	-	0	o	1017.5	0	54	+2	E	2	NE	r	*	Trace	63	46					
	Sanguinaire	1014.6	58	N	3	o	1010.6	*	55	+4	E	3	*	o	2	-	66	48					
	Corunna (7 a.m.)	1023.4	55	NNE	6	bc	1023.8	0	50	+4	NE	3	-	b	2	-	57	46					
	Madrid (8 a.m.)							*	*	*	*	*	*	*	*	*	*						
	Lisbon (9 a.m.)							*	*	*	*	*	*	*	*	*	*						
SOUTHERN EUROPE.	Gibraltar							*	*	*	*	*	*	*	*	*	*						
	Rome							*	*	*	*	*	*	*	*	*	*						
SOUTHERN EUROPE.	Azores (Horta, 8 a.m.)	1030.4	*	E	5	c							*	*	*	*	*						
	Madeira (Funchal)	1021.7	63	NE	3	o	1022.7	0	55	-2	NE	3	N	bc	3	-	64	55					

* Information for these columns not usually received.

† Received too late for insertion



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 4.5 a.m.
yesterday.

Western Channel and Bay 11

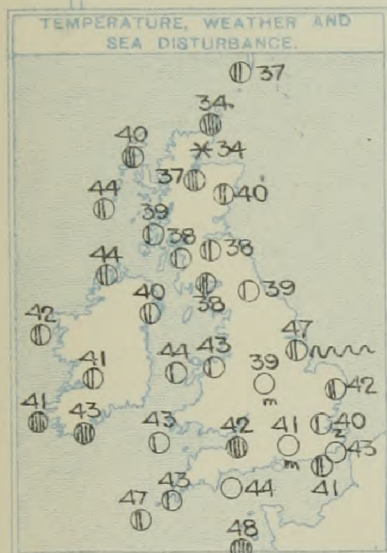
- | | | |
|----|---|--|
| 0 | a | Wind backing to the South-Westward and freshening; fair today, some showers tomorrow; temperature remaining below the normal. |
| 1 | b | |
| 2 | a | Light to moderate North-Westerly to Westerly winds; fair today, some showers tomorrow; temperature remaining below the normal. |
| 3 | b | |
| 4 | a | Light Northerly winds; fair generally; normal day temperature, cold night, ground frost locally. |
| 5 | b | |
| 6 | a | Same as No. 0. |
| 7 | b | |
| 8 | a | Light or moderate North-Westerly to Westerly winds; fine generally; normal day temperature, cold night, ground frost locally. |
| 9 | b | |
| 10 | a | Same as Nos. 3 - 5. |
| 11 | b | |
| 12 | a | Same as No. 0. |
| 13 | b | |
| 14 | a | Same as No. 7. |
| 15 | b | |
| 16 | a | Light or moderate Northerly and North-Easterly winds and a moderate sea; fair; cool. |
| 17 | b | |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m. SATURDAY, 17TH APRIL, 1915.

GENERAL INFERENCE.

Anticyclonic conditions will continue to prevail generally, but a fresh depression will probably appear shortly off the north of Scotland.

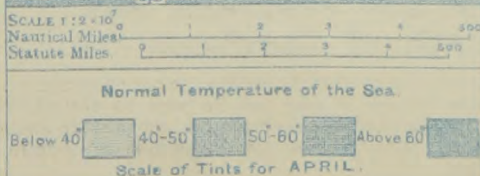


31 Inches.

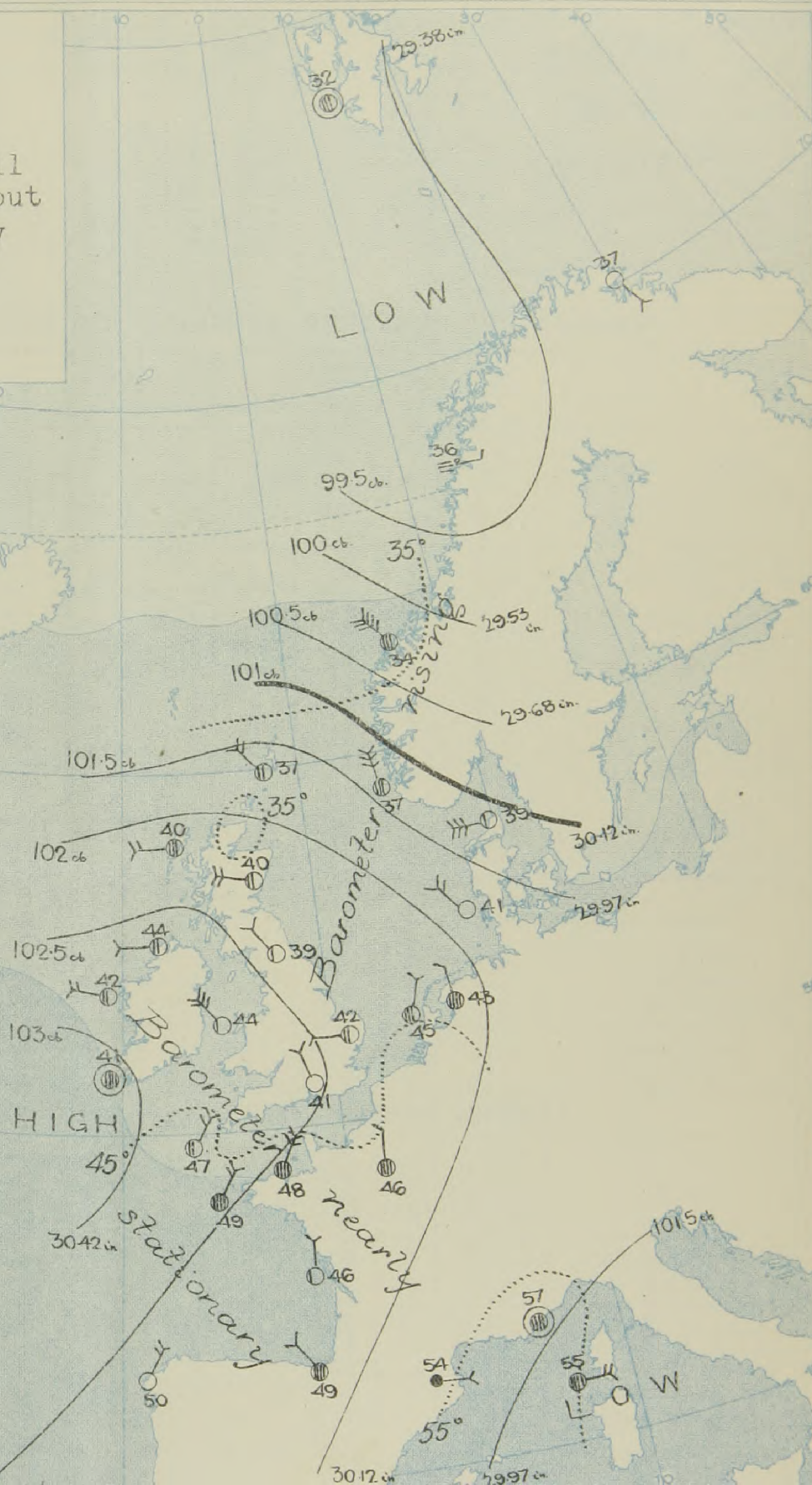
31

30

29



55



EXPLANATION.

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

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

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

TEMPERATURE.—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

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

○ sky 3/4 clouded. ○ overcast sky. ● rain falling.

✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.

W, thunderstorm.

SEA DISTURBANCE.—Rough wavy. High seas.

DAILY WEATHER REPORT.

Saturday, 17th April, 1915.

REPORTS
FOR
YESTERDAY.

16th April 1915.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
	"F.							"F.	"F.								
Hälsö	1010.7	32	SW	2	b	1006.6	-2	30	0	SE	2	c	+	-	37	23	
Härnösand	1008.7	39	-	0	b	1005.7	-1	36	-1	S	2	b	+	-	45	28	
Stockholm	1014.3	41	S	2	b	1010.9	0	39	0	SW	2	c	+	-	48	34	
Widby	1016.3	39	SSW	2	b	1013.6	-2	39	-4	SW	2	c	+	-	46	36	
Karlstad	1014.3	39	WSW	4	b	1010.4	-3	39	+3	SW	4	c	+	-	48	34	
Petrograd	1012.2	41	MMW	1	b	1010.6	0	32	-4	MMW	1	b	+	-	46	28	
Lisbon	1016.4	57	MMW	5	b	1017.9	+1	50	-2	MMW	5	b	+	-	61	50	
Funchal,	1019.7	63	NE	5	b	1021.1	0	57	+2	NE	3	b	+	-	64	55	

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.							Tunbridge Wells ...		62	42	b	o	6.1
Banff ...	3	46	43	hp. bcg	hp. bcg	7.3	Margate ...		60	45	bc	c	7.5
St. Andrews ...	-	52	43	*	*	8.6	Ramsgate ...		59	44	bc	bcg	6.7
Engl. N.E.							Folkestone ...		54	44	b. bc	bc	6.0
Harrogate ...	-	53	39	o. c	c. bc	3.8	Hastings ...		57	45	b	b. bc. o	6.6
Scarborough ...	-	55	35	o. c	c. on bc	4.1	Bexhill-on-Sea ...		52	45	b	bc. o	7.0
Skegness ...	-	55	35	o. c	c. on bc	4.1	Eastbourne ...		57	45	b	bc. b	8.2
Engl. N.W.							Seaford ...		56	44	b	b	7.6
Morecambe ...	2	48	45	r. bc	bc	3.5	Brighton ...		54	45	b. bc	bc. c. o	8.0
Blackpool ...	1	50	44	o. o	bc. c	2.9	Worthing ...		57	44	b	c	8.4
Southport ...	1	50	44	o. o	o. c. o	2.0	Littlehampton ...	0.3	53	*	b	b. bc. o	8.0
Midlands.							Bognor ...	1	49	45	b	bc. o. p	8.6
Buxton ...	1	47	40	or	c	0.5	Southsea ...		62	46	b. bc	c	7.3
Leamington Spa ...	1	57	37	b. bc	c	3.8	Bournemouth ...		62	39	b. bc	c	6.5
Malvern ...	1	56	43	c	a	3.6	Wales.						
Ross-on-Wye ...	1	58	38	b. bc	bc. c. op	3.5	Rhyl ...		51	43			
Wales.							Colwyn Bay ...		50	44	cp	bc. o	0.6
Aberystwyth ...	1	48	45	o. c. o	r. o. c	0.7	Llandudno ...	1	52	44			8.0
Tenby ...	1	54	40	bc. o	bc. o	1.4	Aberystwyth ...	1	48	45	o. c. o	r. o. c	0.7
Swansea ...							Swansea ...	1	54	40	bc. o	bc. o	1.4
England, E.							Weymouth ...		61	42	b. bc	c. bcg	6.3
Cromer ...	-	58	41	bc	bc. c	5.4	Torquay ...		60	42	b	bc. c. o	7.4
Lowestoft ...	-	60	41	bc. c. bc	bc. c. or	6.4	Paignton ...		58	40	b	bc	7.0
Felixstowe ...	0.3	61	41	bc	bc. or	7.1	Falmouth ...		58	44	o. b. bc	c. o	5.4
Walton-on-Naze ...	0.3	61	43	b. bc	c. on d	7.7	Penzance ...		58	46	b. bc	bc. c	5.5
Southend-on-Sea ...	-	62	46	b. bc	bc. c. o	7.9	Newquay ...		52	42	b. bc	o. c. o. v	4.0
							Ilfracombe ...		53	42	b. bc. c	o	2.6
							Weston-super-Mare ...		52	41	f. bc. b	bc. c	1.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
Greenwich (Royal Obs.) ...	56	64	6.2	63	39	31	0.3	b	bc. op	op. o. b
City (Bunhill Row) ...	*	*	5.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	54	59	6.5	63	40	35	-	bc	bc. o	o. c. b.
Camden Sq. (Brit. Rainfall)	51	58	6.5	65	39	33	-	b	b. c	*
Hampstead (Reservoir) ...	*	59	6.5	61	35	26	-	bc	bcp	bc. b.
Richmond Park	*	*	5.5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	51	55	6.5	1381 Joules		277 Milli-watts.		70 Milli-watts.		

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	min. §	° F.	° F.	F.				Hr.
Dublin to 4 p.m.	1	54	45	43	c. or	op. c	c. b	*
Darwen to 9 p.m.	2	57	38	38	c. or	or	o. bc. o	0.6
Manchester "	0.1	50	42	°	o	ed	o. c. b	0.2
Birmingham "	~	54	41	35	b	b. c	c. o. c. b	2.8
Oxford to 9 p.m.	*	62	39	31	o. b	b	bc. c	*
Teignmouth to 9 p.m.	~	58	43	37	c. b	b. bc	c. bc	7.2
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	-	62	45	34	o. bc	bc. b	bc. c. o	*

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 60° or slightly above it at several stations in the south and east of England, and touched 65° at Camden Square. Slight rain fell in many districts, and a gale from the Westward was experienced in the west and north of Scotland.

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 108

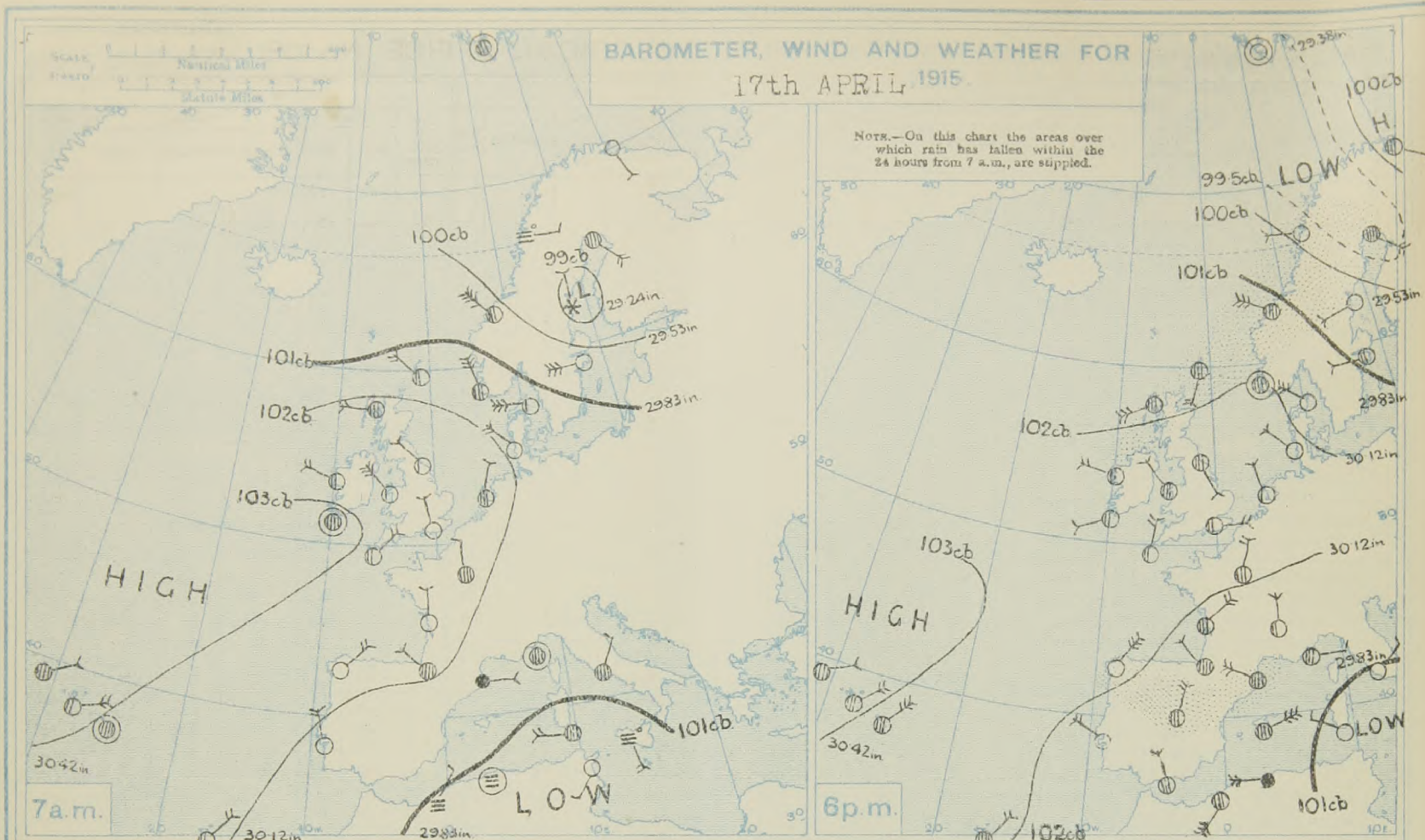
Sunday
18th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Dirac.	Force 0-12.				Dry Bulb.	° F.						° F.	Dirac.	Force 0-12.	Max.	Min.	Morning.		Afternoon.	Night.
BRITISH ISLANDS.																						
	Lerwick	1016.6	44	SSW	3	c	1009.9	-2	43	+6	SW	1	c	3	2	44	35	bc	bc	c. sp	2.8	
	Deerness	1016.6	44	SW	4	o	1011.5	+	45	+11	S	1	c	4	1	46	35	o. c	c. o	o. c	2.8	
	Stornoway	1018.6	46	WSW	5	cpqr	1010.4	-6	46	+6	SW	1	op	5	2	48	39	cpqr	cpqr	bc. op	3.1	
	Castlebay (Barra Isd.)	1022.3	45	W	4	op	1014.9	-3	47	+3	SW	5	op	5	1	48	43	bc. op. c	o. bc. op	o. bc. op	4.3	
	Glasgow	1024.3	46	SW	3	c	1020.2	-3	42	+4	SW	1	o	1	1	49	37	b. bc. c	op. c	o. bc. op	7.6	
	Eskdalemuir	1025.2	44	W	2	c	1021.3	-2	39	+1	SW	1	bc	1	1	50	36	c	o	bc	6.4	
	Malin Head	1025.2	46	WSW	3	cg	1018.3	-3	43	-1	SW	1	cg	1	1	50	41	bc	op	cg	5.3	
	Blackod Point	1026.2	46	WNW	3	bc	1021.1	-5	46	+4	SSW	5	SW	4	1	49	41	bc	bc	bc. cm	4.8	
	Valencia	1028.8	47	WSW	2	bc	1024.7	-1	46	+5	S	1	o	3	1	50	41	c	c. o	c	4.8	
	Roche's Point	1028.8	50	NW	2	o	1026.2	+	43	0	N	1	b	1	1	52	38	o	o	o. bc	+	
	Birr Castle	1027.7	50	W	1	c	1024.2	+	41	0	SSW	1	c	1	1	52	37	c	c	c	4.7	
	Donaghadee	1025.6	46	E	1	cg	1024.8	-1	46	0	SW	3	bc	3	1	48	37	cg	cg	bc	+	
	Liverpool (Blidston)	1027.1	45	WNW	2	b	1024.5	-2	46	-3	SSW	1	o	2	1	48	40	b	b	b. o	12.3	
	Holyhead	1027.8	47	NW	3	c	1024.3	-1	45	+1	WSW	2	cg	0	1	50	43	b. bc. b	bc. c. o	c. o. c	7.0	
	Pembroke (St. Ann's)	1028.1	42	NNE	2	bc	1025.5	0	42	-1	ENE	1	bc	1	1	50	38	b	c	bc	12.2	
	Scilly (St. Mary's)	1027.4	47	NNE	3	bc	1025.3	0	45	-2	NNE	2	b	3	1	50	44	b	bc	b	12.3	
	Falmouth	1025.8	48	N	2	c	1024.7	0	44	+1	N	3	o	2	1	52	43	c. bc	bc. bc	bc. c. o	9.7	
	Jersey (St. Aubin)	1024.8	49	NNE	4	b	1023.0	+	45	-3	NE	3	c	3	1	52	43	o. b	b	bc	9.8	
	Portland Bill	1025.6	49	NNE	4	bc	1025.1	0	45	+1	NE	3	bc	2	1	52	40	b. bc. c	c. bc	bc	+	
	Dungeness	1025.1	46	NNE	4	b	1024.8	0	46	+5	NNE	3	bc	3	1	53	40	bc. c	c. bc. b	bc. b	+	
	Dover	1026.3	43	NE	3	b	1025.3	0	46	+2	NE	1	bc	3	1	53	34	b	b	bc. bc	11.8	
	Wick	1013.9	45	W	3	o	1013.2	-4	43	+3	WSW	3	bc	2	1	49	33	sp. om	om	bc	+	
	Nairn	1021.0	46	W	1	o	1014.7	+	45	+8	W	2	bc	2	1	50	36	c. bc. c	cg	c. bc	0.8	
	Aberdeen	1021.5	48	WSW	3	o	1017.5	-2	43	+3	SW	3	b	2	1	50	35	bc. c. o	c. o	c. b	5.5	
	Leith	1023.1	47	SW	2	c	1020.0	-1	43	+5	WSW	3	bc	+	1	53	38	bc. c	c	c. bc	+	
	Tynemouth	1025.8	44	SE	2	cm	1023.2	-3	44	+5	WSW	2	bc	2	1	48	?	c	c	om	+	
	Spart Head	1027.8	46	S	3	bc	1025.7	-1	42	0	SSW	3	c	3	1	49	37	bc	bc	b	11.0	
	Yarmouth	1027.2	45	NE	2	bc	1026.1	0	46	-6	W	1	f	1	1	51	32	bc	bc	b	10.6	
	Clacton-on-Sea	1026.1	46	ENE	2	b	1025.6	0	40	0	N	1	bc	0	1	51	34	b. bc	bc. b	bc	10.6	
	Nottingham	1025.1	48	N	1	o	1026.1	+	41	+2	SW	1	SW	+	1	52	38	bc	bc	o	5.7	
	Bath	1026.4	50	N	1	c	1025.0	+	43	+1	NE	1	N	+	1	53	41	o. c. bc	o. c. bc	c. o	16.2	
	London (Kew Obsy.)	1025.7	50	E	3	bc	1026.0	0	36	-5	+	+	bc	+	1	53	32	bc. bc	bc. bc	bc. bc	11.2	
	Spitsbergen	993.9	25	-	0	b	1002.7	+15	25	-7	N	2	+	+	+	26	44	+	+	+	+	
	Isafjord	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Reykjavik	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Vestmanna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Seydisfjord	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thorshavn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Vardö	1001.0	36	ESE	2	c	1004.3	+2	37	0	SE	2	bc	2	1	37	32	+	+	+	+	
	Bodö	999.3	39	W	2	b	1006.9	+2	37	+1	WSW	2	c	2	1	39	32	+	+	+	+	
	Christiansund	1012.8	34	WNW	6	o	1008.8	+3	41	+7	SW	2	o	1	1	36	32	+	+	+	+	
	Skudesnaes	1020.6	37	W	0	o	1017.7	-1	41	+4	S	5	o	1	1	41	34	+	+	+	+	
	Færder (X. Tania Fjord)	1015.1	39	NW	5	b	1018.6	+1	37	0	WSW	2	bc	1	1	43	36	+	+	+	+	
	The Seaw (Skagen)	1016.7	39	WNW	5	b	1020.3	+1	41	+2	WNW	3	bc	1	1	45	36	+	+	+	+	
	Blaavands Huk	1023.5	41	NW	2	b	1025.0	+1	39	-2	WNW	2	bc	1	1	45	37	+	+	+	+	
	Haparanda	994.4	35	SE	4	o	1000.8	+5	34	-2	S	4	o	+	1	37	30	+	+	+	+	
	Hernösand	1002.0	38	WSW	2	b	1006.9	+3	39	+5	W	6	bc	+	1	43	34	+	+	+	+	
	Stockholm	1009.2	39	W	2	bc	1014.6	+3	36	-3	W	4	bc	+	1	45	30	+	+	+	+	
	Wisby	1012.6	37	WSW	2	b	1017.7	+4	37	-2	W	4	bc	+	1	43	34	+	+	+	+	
	Karlstad	1011.9	43	W	4	b	1017.6	+3	34	-3	+	0	bc	+	1	45	28	+	+	+	+	
	Petrograd (5 a.m. G.M.T.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	The Helder	1025.9	45	WNW	2	b	1026.8	0	43	-2	+	0	bc	1	1	48	37	+	+	+	+	
	Brussels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	C. Gris Nez	1023.9	45	NE	4	b	1024.3	0	41	-2	ENE	3	bc	2	1	52	36	+	+	+	+	
	La Hève	1025.0	46	NNE	3	b	1021.6	+	41	-4	NE	3	bc	2	1	55	39	+	+	+	+	
	Ushant	1025.0	49	NE	3	b	1024.0	+	43	+	+	+	bc	+	1	+	+	+	+	+	+	
	Brest (St. Matheo)	1025.9	49	NE	3	b	1024.0	-1	43	-6	ENE	2	bc	1	1	57	41	+	+	+	+	
	Rochefort (Ile d'Aix)	1019.9	56	NE	4	c	1017.9	0	47	+1	NE	4	bc	+	1	61	48	+	+	+	+	
	Biarritz	1019.3	50	WNW	2	o	1016.3	0	52	+3	WNW	3	bc	2	1	55	50	+	+	+	+	
	Paris	1021.7	54	NNE	3	bc	1021.3	0	43	-3	NE	3	bc	+	1	57	39	+	+	+	+	
	Belfort	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyon	1016.3	57	N	2	bc	1015.8	+	46	+	N	2	bc	+	1	64	52	+	+	+	+	
	Nice	1011.9	52	E	1	c	1011.4	0	57	-0	+	0	bc	2	1	70	52	+	+	+	+	
	Perpignan	1014.6	57	WNW	4	o	1012.7	0	50	-4	W	0	bc	+	1	59	48	+	+	+	+	
	Sanguinaire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Corunna (7 a.m.)	1021.5	55	NE	6	b	1021.0	+2	52	+2	NE	4	bc	3	1</							

RAINFALL.

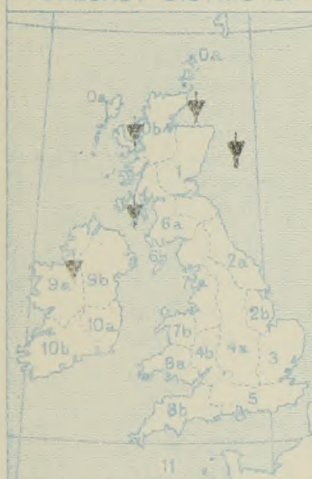
Equivalents of Millimetres.
in Inches.

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



FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

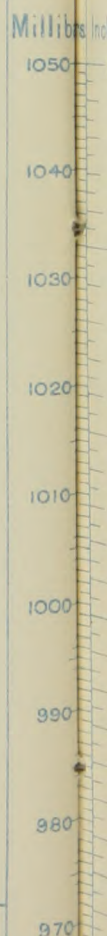
Cones Hoisted at

8 30 a.m.

Western Channel and Bay 11

- | | |
|-------------------|---|
| 0 { a }
{ b } | South-Westerly to Westerly winds, strong, a gale in places; squally, some rain; mild. |
| 1 { a }
{ b } | South-Westerly to Westerly winds, freshening; fine at first, some showers later; rather milder. |
| 2 { a }
{ b } | South-Westerly to Westerly winds, freshening; fine at first, some showers later; rather milder. |
| 3 { a }
{ b } | Light Westerly and South-Westerly winds; fine generally; becoming milder. |
| 4 { a }
{ b } | Light Westerly and South-Westerly winds; fine generally; becoming milder. |
| 5 { a }
{ b } | Light North-Easterly to variable breezes; fair generally, but misty or foggy in places; temperature below 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 { a }
{ b } | Same as No. 0. |
| 10 { a }
{ b } | Light to moderate Southerly and South-Westerly winds; cloudy, slight rain locally; normal temperature. |
| 11 { a }
{ b } | Light Northerly to North-Westerly breezes and a slight sea; fair generally, but misty in places. |

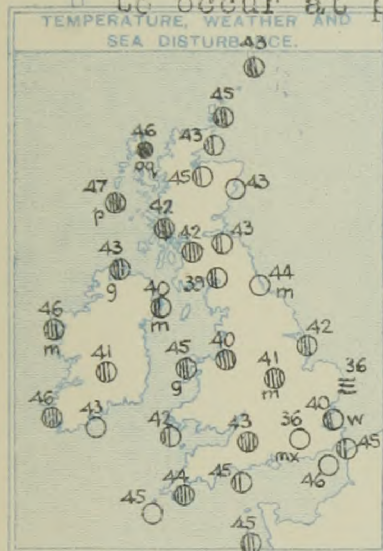
FURTHER OUTLOOK.



SYNOPTIC CHART FOR 7 a.m., SUNDAY, 18th APRIL, 1915.

GENERAL INFERENCE.

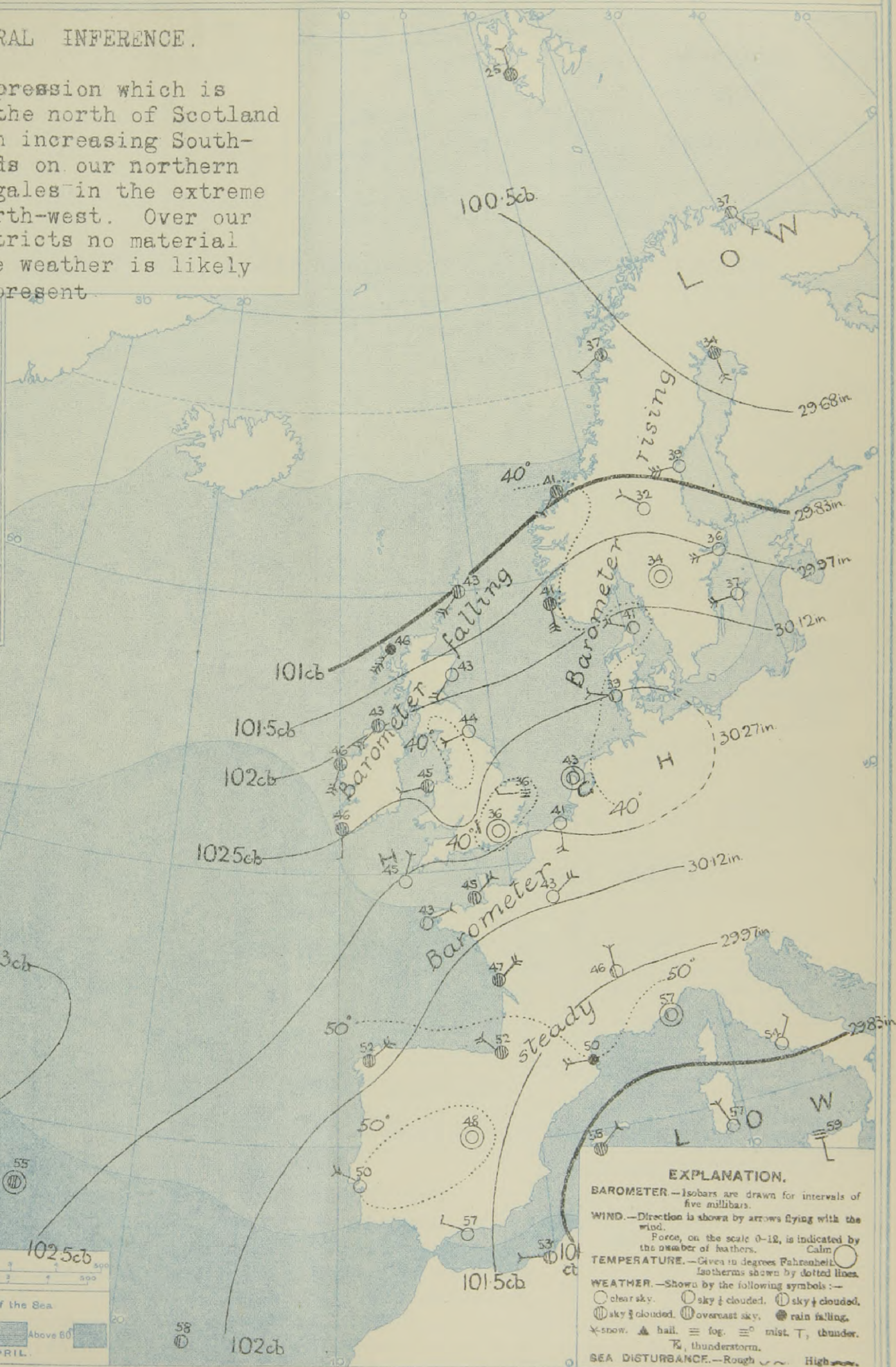
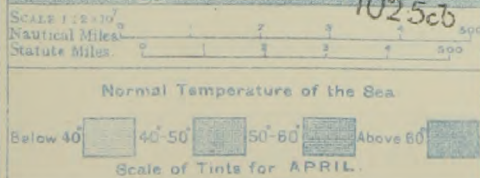
The depression which is approaching the north of Scotland will occasion increasing South-Westerly winds on our northern coasts, and gales in the extreme north and north-west. Over our southern districts no material change in the weather is likely to occur at present.



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 & clouded. ○ sky & clouded.
○ sky & clouded. ○ overcast sky. ● rain falling.
✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.
⚡, thunderstorm.

SEA DISTURBANCE.—Rough ~ High ~.

DAILY WEATHER REPORT.

Sunday, 18th April, 1915.

REPORTS
FOR
YESTERDAY.

17th April 1915

STATIONS.

EVENING OBSERVATIONS.

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

STATIONS.	Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. ° F.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
			Direc.	Force 0-12.					Direc.	Force 0-12.					Max.	Min.
Haparanda	1001.7	34	SSE	2	c	997.0	-2	36	SE	4	-	o	#	-	37	30
Hornö Sand	999.5	41	-	0	b	999.6	-3	34	NNW	2	-	S	#	-	45	34
Stockholm	1006.9	41	SW	2	b	1003.3	+2	29	W	6	SW	b	#	-	46	36
Wiskö	1010.6	43	SW	4	b	1008.6	+2	39	WSW	6	-	b	#	-	48	36
Karlstad	1004.6	39	SW	4	o	1005.6	+5	37	W	4	-	b	#	-	50	32
Lisbon	1017.2	59	NNW	4	b	1017.6	0	52	NNW	3	-	c	5	-	63	50
Roma	1018.9	57	NE	1	o	1013.7	+2	55	NE	4	-	b	4	-	66	56
Horta						1031.4	0	57	ESE	4	-	bc	4	-	68	57

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	3	48	37	p	bc	5.3	Tunbridge Wells ...	1	54	38	b	b. bc. by	8.2
Banff ...							Margate ...	1	48	41	b	b	11.8
St. Andrews ...				*	*		Ramsgate ...	1	48	40	b	b	11.8
Eng. N.E.		50	32	b. bc	bc. c. o	7.1	Folkestone ...	1	51	40	r. o. b	bc	10.9
Harrogate ...							Hastings ...	2	53	40	o. b	b	11.0
Scarborough ...							Bexhill-on-Sea ...	-	51	43	b	bc	6.7
Skegness ...		47	33	b	b	11.6	Eastbourne ...	1	53	41	b	bc. bz	9.4
Eng. N.W.		48	40	b. bc	b. bc	7.3	Seaford ...						
Morecambe ...							Brighton ...	0.3	55	42	bc. b.	bc	8.4
Blackpool ...		49	42	bc. b.	b. bc. c	9.8	Worthing ...	-	55	41	b	c	10.2
Southport ...		49	41	b	b. bc	10.5	Littlehampton ...	-	54		b	b. bc	9.2
Midlands.		45	31	bc	bc	5.1	Bognor ...	-	54	42	b	bc	8.8
Buxton ...							Southsea ...						
Leamington Spa ...		52	36	b. bc	bc. cm	5.8	Bournemouth ...	-	53	39	b	bc. c	8.8
Malvern ...		51	36	c	bc	5.2	Weymouth ...	-	55	39	bc	bc	5.2
Ross-on-Wye ...		53	35	bc. c	c	5.3	Torquay ...						
Wales.		51	43	b	b. bc	11.3	Paignton ...						
Rhyl ...							Falmouth ...	-	52	41	c. bc	bc. b. bc	9.7
Colwyn Bay ...							Penzance ...	-	53	43	bc	bc	12.1
Llandudno ...		47	29	o. c. b	bc. c	10.5	Newquay ...						
Aberystwyth ...		53	29	bc	b	8.4	Ilfracombe ...	-	50	42	b. bc	bc. c.	6.5
Tenby ...							Weston-super-Mare ...						
Swansea ...													
England. E.		49	39	b	b	10.7							
Cromer ...													
Lowestoft ...		50	36	bc	bc	8.8							
Felixstowe ...		50	36	bc	bc. b.	9.5							
Walton-on-Naze ...		54	38	bc	bc. b.	11.2							
Southend-on-Sea ...													

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.								
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Rain- fall.	Fore- noon.	After- noon.			Night.	In Screen.		Night Min. on Grass.	Night.	Fore- noon.		After- noon.							
				Max.	Min.									Max.	Min.												
24 HOURS ENDED 9 A.M. TO-DAY.																											
	%	%	Hr.	° F.	° F.	° F.	mm. §					mm §	° F.	° F.	F.				Hr.								
Greenwich (Royal Obs.) ...	47	62	9.7	55	29	19	—	b	b	bc, f, b	Dublin to 4 p.m.	—	52	39	37	c. b	bc	c. o	*								
Gity (Bunhill Row) ...	*	*	10.2	*	*	*	*	*	*	*	Darwen to 9 p.m.	—	50	35	*	bc	c. bc. o	o. c. bc	2.7								
Westminster (St. James's Pk.)	48	63	10.4	55	35	27	—	bc	bc	b	Manchester "	—	50	37	31	*	c	c. o	4.4								
Camden Sq. (Brit. Rainfall)	47	66	10.2	58	32	25	—	b	bc, b, bc	*	Oxford to 9 p.m.	*	53	36	29	c. b	b, bc, c	c	*								
Hampstead (Reservoir) ...	*	64	11.4	53	35	19	—	bc	bc	bc	Teignmouth to 9 p.m.	—	54	42	39	bc	b	bc, c	4.2								
Richmond Park ...	*	*	10.8								Plymouth "	—	53	40	34	bc	bc	bc	4.7								
Richmond Park ...	*	*	10.8	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															S. Kensington	—	55	39	34	c. b	b, bc	bc	*
Kew. (See front page.)																			(Museum Grounds to 6 p.m.)								
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.																			
S. Kensington (Roof of M.O.)	43	59	9.7	1602 Joules		32.0 Milliwatts.		71 Milliwatts.																			

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

18th April 1915.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.51	11.52	6.53
Greenwich ...	4.49	11.50	6.51
Wick ...	4.55	12.11	7.28
Valencia ...	5.41	12.40	7.41

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 50° and 55° in most places, and reached 58° at Dover. Between 10 and 12 hours of bright sunshine were recorded at many of the English stations, but in Ireland and Scotland the duration was much smaller.

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

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

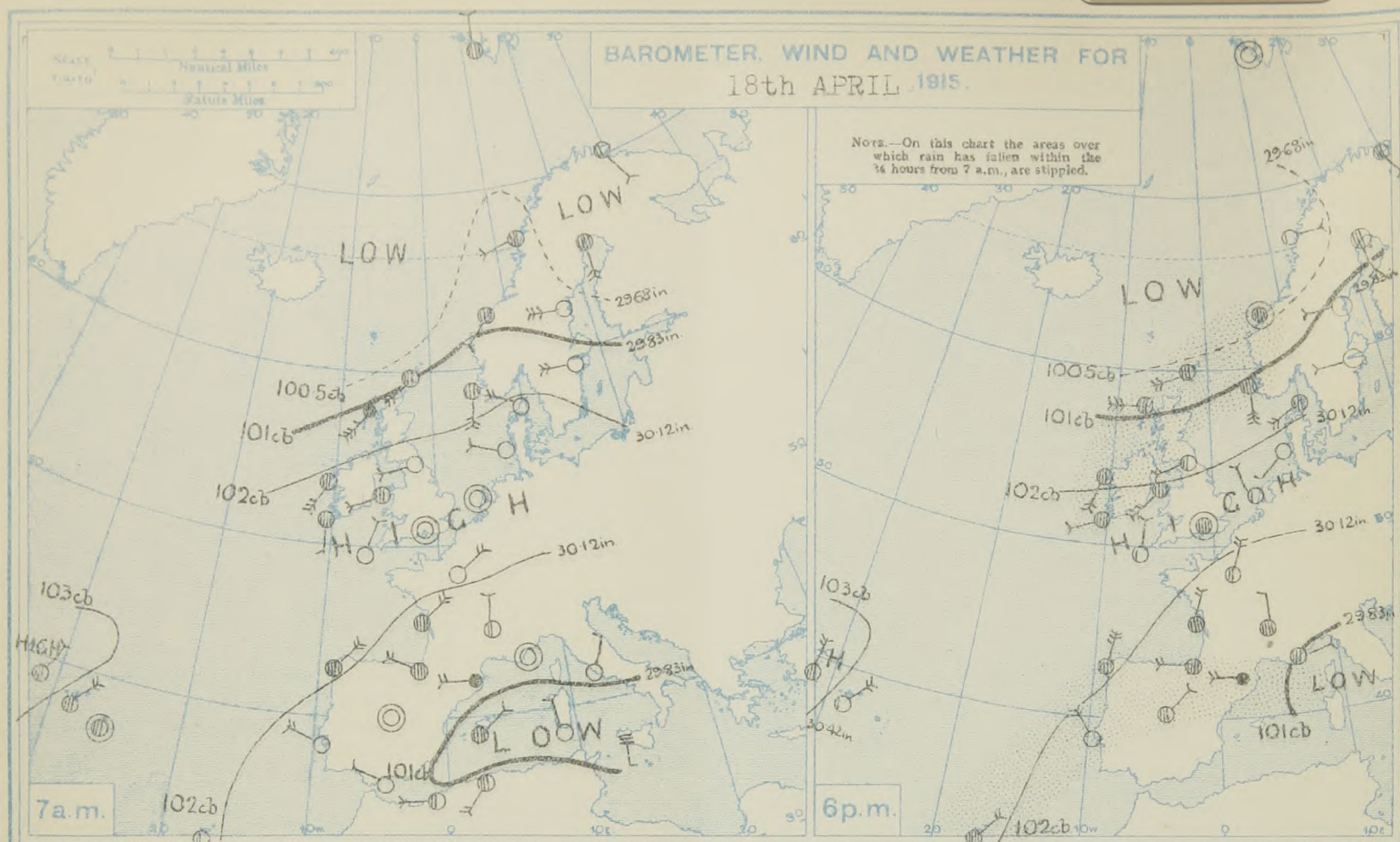
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 109. Monday, 19th April 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Vester- day. Hours.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 2 hours.	TEMP.		WIND.	Force 0-12.	Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir. of	Force 0-12.				Dry Bulb.	Change in 24 hours.							Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
	Lerwick	1005.1	44	WSW	4	cm	1002.3	-7	41	-2	SW	4	-	om	4	10	45	37	omr	omr	c.omp	*
	Deerness	1007.8	44	SW	3	o	997.6	*	43	-2	S	5	-	ur	5	7	43	40	c.ot	r.o	or	0.7
	Stornoway	1009.7	44	W	6	cg	996.2	-6	48	+2	WSW	7	-	org	6	19	49	40	org	or.cg	org	0.9
	Castletown (Barrisd.)	1012.4	46	W	4	op	1001.7	-2	48	+1	WSW	4	-	op	5	8	48	44	op.r	r.op	op	0.0
	Glasgow	1014.6	46	SW	5	o	1009.1	-3	46	+4	SW	5	-	r	4	1	48	41	o	ogp	odgp	0.4
	Eskdalemuir	1017.5	43	SSW	5	or	1010.6	-7	45	+6	SW	7	-	o	4	3	48	39	o	og	omr	2.5
	Malin Head	1015.1	48	WSW	6	omgp	1006.7	-2	48	+5	SW	7	SW	cmrg	7	1	50	43	og	omgp	cmg	0.8
	Blacksod Point	1019.5	48	SSW	4	cfe	1011.3	-4	48	+2	SSW	6	SW	omd	5	1	49	44	cm	fe	cm.d.cm	*
	Valencia	1023.0	49	WSW	2	om	1020.0	-2	50	+4	SW	3	-	o	4	2	52	46	omd	omd	omd	0.1
	Roche's Point	1023.6	51	SW	3	o	1022.1	*	49	+6	SW	3	-	o	3	-	54	43	bc.o	o.bc.o	o	*
	Birr Castle	1021.5	51	WSW	2	c	1017.6	*	49	+8	SW	5	-	o	*	-	53	41	c	c	o	1.2
	Donaghadee	1017.0	52	WSW	4	ogm	1012.8	-2	48	+8	SW	5	SW	cg	3	-	54	39	ogm	ogm	ogm.cg	*
	Liverpool (Bidston)	1021.4	48	W	2	o	1018.2	-2	49	+9	SW	3	SW	bc	1	-	53	40	o.b	b	bc	8.7
	Holyhead	1021.4	47	SW	5	or	1017.9	-1	48	+3	SW	5	W	cg	4	-	52	45	c.bc.b	b.bc.o	o.c.o.c	7.9
	Pembroke (St. Ann's)	1023.7	47	W	2	b	1022.1	-1	46	+4	SW	4	SW	omp	3	0.1	50	41	bc	b	b	11.8
	Scilly (St. Mary's)	1024.3	50	N	2	b	1023.9	-2	47	+2	WNW	3	-	b	3	-	55	44	b	b	b	12.5
	Falmouth	1022.9	49	N	3	b	1023.3	0	45	+1	NW	2	-	b	2	-	53	40	o.c.o	o.c.bc.b	bw	5.1
	Jersey (St. Aubin)	1022.2	49	NNE	4	og	1023.4	*	48	+3	N	3	-	bm	3	-	55	41	b.bc	c.o	bm	3.9
	Portland Bill	1023.0	47	W	1	b	1023.0	0	47	+2	-	0	-	b	2	-	51	42	bc	b.bc	b	*
	Dungeness	1022.0	45	NNE	3	b	1022.0	-1	40	-6	W	1	-	bz	1	-	50	34	bc	bc	b.bc.b	*
	Dover	1023.0	43	NNE	2	b	1022.1	+1	50?	+5	NNE	1	-	m	2	-	52	35	bc.b	b	b.bz	12.3
	Wick	1009.6	44	W	4	o	999.0	-11	43	0	S	4	S	r	4	5	50	38	bc.ong	or.ong	bc.our	*
	Nairn	1010.2	46	WSW	3	o	999.7	*	47	+2	W	5	-	oc	4	5	55	39	bcg	org	bcg	4.2
	Aberdeen	1010.8	52	SW	5	o	1004.0	-6	49	+6	SSW	4	-	o	2	1	57	43	b.bc.c	c.og	c.op	7.2
	Leith	1014.2	51	SW	4	o	1008.2	-3	50	+7	WSW	4	-	rg	*	Trace	54	43	bc.c.o	og	o	*
	Tynemouth	1015.0	51	WSW	3	bcn	1013.1	-5	50	+6	WSW	4	W	cm	3	-	56	47	bcn	bcn	cm	*
	Spurn Head	1022.1	47	S	3	C	1019.9	-2	47	+5	SSW	4	-	c	4	-	53	40	cm	c	bc	1.5
	Yarmouth	1023.0	46	S	3	bcu	1020.9	0	42	+6	W	2	-	bm	1	-	49	35	f.b	bcu	b	7.1
	Clacton-on-Sea	1022.7	45	SE	2	b	1021.4	0	42	+2	WSW	1	-	bm	0	-	48	38	b.bc	bc.b	bmw	11.8
	Nottingham	1024.2	51	SW	2	b	1019.6	*	44	+3	SW	3	W	b	*	-	56	40	o.c	c.b	b	5.3
	Bath	1022.7	52	W	1	o	1022.9	*	46	+3	W	1	SW	o	*	-	55	37	o.c	o.c	o.c.bc.b	2.0
	London (Kew Obsy.)	1022.4	51	-	0	om	1022.5	0	40	+4	SW	1	-	bm	*	-	52	34	bm.c.bm	om.buom	bm.buom	5.3
	Spitsbergen	1008.0	21	-	0	b	1009.3	+1	1	-24	SE	1	*	b	*	*	25	-8	GALES. Duration and Extreme Force in British Islands.			
	Isafjord...												*	*	*	*	*					
	Reykjavik												*	*	*	*	*					
	Vestmanna												*	*	*	*	*					
	Seydisfjord												*	*	*	*	*					
	Thorshavn												*	*	*	*	*					
	Vardö	1007.5	36	SSE	2	c	1011.4	0	37	0	SSE	1	-	b	2	*	39	32	19th 7 a.m. 3 galls SW 8			
	Bodö	1004.8	37	E	2	b	1002.7	+1	39	+2	SE	2	-	o	2	-	41	36				
	Christiansund	1003.8	45	-	0	o	1003.4	0	43	+2	WSW	1	W	b	3	1	46	39				
	Skudesnaes	1012.6	43	S	6	o	1009.2	-1	41	0	S	3	-	r	4	12	46	41	18th 11 a.m. - 4 p.m. WSW 8			
	Færder (Xania Fjord)	1015.4	41	SW	6	o	1012.6	0	41	+4	SW	6	-	o	3	-	43	37	Ex. WSW 9 @ Noon.			
	The Scaw (Skagen)	1019.7	43	WSW	4	c	1016.6	-1	41	0	SW	4	-	bc	3	-	46	36				
	Blaavands Huk	1023.1	43	SW	1	b	1020.3	0	43	+4	SSW	2	-	b	3	-	45	37				
	Haparanda	1008.2	32	S	2	c	1011.0	0	32	-2	SE	2	-	o	*	-	37	30				
	Hernösand	1011.1	41	W	2	b	1007.8	-1	36	-3	-	0	-	c	*	-	46	27				
	Stockholm	1014.9	43	W	2	b	1014.7	0	43	+7	SW	2	-	o	*	-	46	34				
	Wisby	1018.3	41	SSW	2	b	1019.5	0	41	+4	WSW	4	W	b	*	-	45	36				
	Karlstad	1000.0	45	W	4	b	1013.5	0	41	+7	SW	4	-	o	*	-	48	24				
	Petrograd (5 a.m. G.M.T.)													*	*							
	The Helder	1022.7	46	WNW	2	b	1021.3	0	45	+2	SW	1	-	b	0	-	48	36				
	Brussels	*	*	*	*	*	1021.6	0	43	+2	S	2	*	c	1	-	50	39				
	C. Gris Nez	1021.9	45	NE	4	b	1021.6	*	43	+2	NNE	2	*	b	2	-	57	41				
	La Hève	1021.7	48	NNE	3	o	1022.6	*	43	+2	NNE	2	*	b	2	-	57	41				
	Ushant						1024.8	0	43	0	NNE	1	*	b	1	-	59	41				
	Brest (St. Mathieu)	1023.0	48	NE	3	b	1024.8	0	43	0	NNE	1	*	b	1	-	59	41				
	Rochefort (M. d'Alx)	1016.3	55	NNE	3	o	1019.8	+3	46	-1	NE	5	*	b	*	-	59	45				
	Biarritz	1015.7	52	W	3	o	1018.1	+1	52	0	WNW	3	*	o	2	-	52	50				
	Paris	1008.1	54	NNE	3	c	1021.0	+2	41	-2	NNE	2	W	b	*	-	61	39				
	Belfort												*	*	*	*						
	Lyons	1013.1	58	N	1	o	1017.0	*	49	+3	N	1	*	b	*	-	63	45				
	Nice	1010.0	61	E	2	c	1012.4	+1	58	+1	-	0	*	o	2	-	68	52				
	Perpignan	1013.1	48	W	3	r	1015.8	+2	52	+2	WNW	3	-	r	*	13	52	46				
	Sanguinaire	1007.8	62	W	2	m	1009.2	*	54		E	3	*	r	2	1	68	48				
	Corunna (7 a.m.)	1021.3	52	NNE	5	o	1022.0	0	50	-2	NNE	3	-	f	3	2	57	48				
	Madrid (8 a.m.)	1013.1	58	NE	2	c	1019.4	+3	46	-2	NE	1	-	b	*	?	59	39				
	Lisbon (9 a.m.)	1015.4	61	NW	4	b	1016.7	0	52	+2	WNW	3	-	b	5	1	63	50				
	Gibraltar												*	*	*	*						
	Rome												*	*	*	*						
	Azores (Horta, 8 a.m.)	1029.3	*	NE	4	b	1029.9	+1	58	+3	NE	4	*	bc	3	-	63	55				
	Madeira (Funchal)	1021.9	63	NE	3	o	1022.3															

* Information for these columns not usually received.

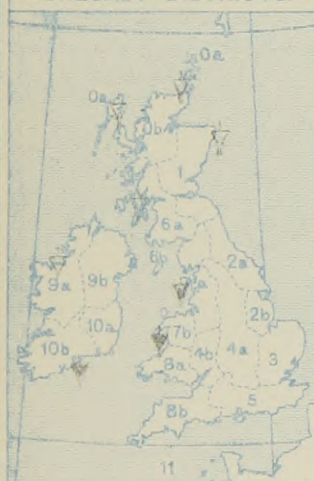
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted by coastguard.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

Cones Hoisted at
8.15 a.m.

Western Channel and Bay

- | | | |
|----|---|---|
| 0 | a | South-Westerly to Westerly winds, fresh or strong, a gale in places; mostly overcast or very cloudy, occasional rain; temperature about the normal. |
| | b | |
| 1 | | |
| 2 | a | South-Westerly and Westerly winds, moderate to fresh, strong locally; cloudy or overcast, some showers; moderately mild. |
| | b | |
| 3 | | Same as No. 5. |
| 4 | a | Same as No. 2. |
| | b | |
| 5 | | Light to moderate or fresh winds between West and South-West; fair or bright, then cloudy, finally some local showers; moderately mild. |
| 6 | a | Same as Nos. 0 and 1. |
| | b | |
| 7 | a | South-Westerly to Westerly winds, moderate or fresh; changeable, some rain; mild. |
| | b | |
| 8 | a | Same as Nos. 0 and 1. |
| | b | |
| 9 | a | Westerly and South-Westerly winds, light to fresh; sea smooth to moderate; fine, then some showers. |
| | b | |
| 10 | a | |
| | b | |
| 11 | | |

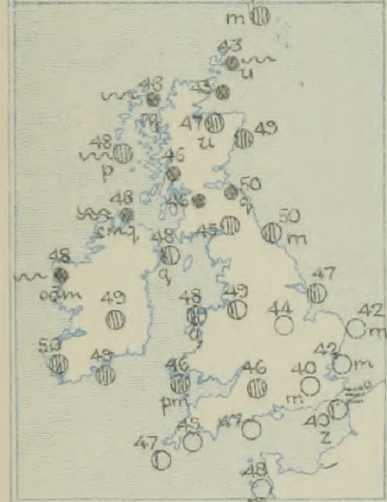
FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., MONDAY 19th APRIL, 1915.

GENERAL INFERENCE.

Another depression appears to be approaching Ireland and the wind will be between South-West and West over the whole Kingdom, with moderately mild weather.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



Inches.

31

50

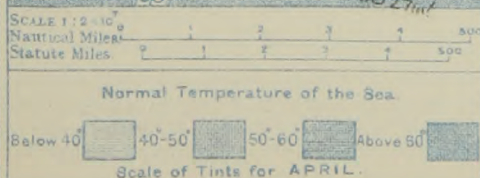
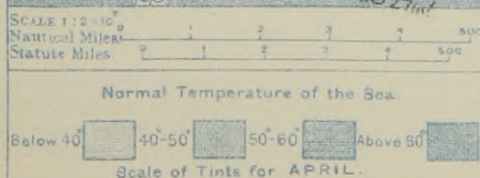
30

29

SCALE 1:2-10
Nautical Miles
Statute Miles

Normal Temperature of the Sea.

Below 40 40-50 50-60 Above 60
Scale of Tints for APRIL.



EXPLANATION.

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

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

Station	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.
Date & Hour	South Farnborough 12th Apr. 8.55am	Eschdalemuir 13th Apr. 7.20am	South Farnborough 13th Apr. 8.45am	South Farnborough 14th Apr. 8.50am	South Farnborough 14th Apr. 9.50am	South Farnborough 14th Apr. 10.50am	South Farnborough 14th Apr. 11.50am	South Farnborough 14th Apr. 12.50pm	South Farnborough 14th Apr. 13.50pm	South Farnborough 14th Apr. 14.50pm	South Farnborough 14th Apr. 15.50pm	South Farnborough 14th Apr. 16.50pm	South Farnborough 14th Apr. 17.50pm	South Farnborough 14th Apr. 18.50pm	South Farnborough 14th Apr. 19.50pm	South Farnborough 14th Apr. 20.50pm	South Farnborough 14th Apr. 21.50pm	South Farnborough 14th Apr. 22.50pm
Heights in Kilometres.	4.0																	
	3.0																	
	2.0																	
	1.0																	
	.5																	
	0																	

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.	
Scot- land.	{ Oban	2	47	41	r	o	0.0	{ Tunbridge Wells	—	54	36	b	bc. c. o.	9.1
	{ Banff	—	55	39	b. bc. c	c. o	4.5	{ Margate	—	48	41	b	b	12.0
	{ St. Andrews	—	—	—	*	*	—	{ Ramsgate	—	47	40	b	bc	12.0
Eng. N.E.	{ Harrogate	—	54	40	o. c. bc	bc. b	5.7	{ Folkestone	—	52	40	b	b	12.3
	{ Scarborough	—	—	—	—	—	{ Hastings	—	53	36	b	b	12.3	
	{ Skegness	—	51	35	bc	c. o	4.6	{ Bexhill-on-Sea	2	54	27	b	b	12.0
Eng. N.W.	{ Morecambe	—	—	—	—	—	{ Eastbourne	—	51	35	b	b	12.2	
	{ Blackpool	—	51	41	c. bc. b	b	7.4	{ Seaford	—	—	—	—	—	—
	{ Southport	—	53	40	c. b	bc	8.0	{ Brighton	—	54	36	bc	bc	11.6
Midlands.	{ Buxton	—	—	—	—	—	{ Worthing	—	54	36	bc	bc	12.1	
	{ Leamington Spa	—	54	41	o. c	c	2.0	{ Littlehampton	—	50	36	b	b	12.0
	{ Malvern	—	53	40	o	bc	2.2	{ Bognor	—	52	35	b	b	12.2
{ Ross-on-Wye	—	55	40	o	o. c. bc	2.3	{ Southsea	—	53	37	b	b	12.2	
Wales.	{ Rhyl	—	55	38	bc	bc	4.8	{ Bournemouth	—	53	37	b	b	11.5
	{ Colwyn Bay	—	55	40	bc	bc	7.8	{ Weymouth	—	55	40	3. b	bc	11.5
	{ Llandudno	—	49	38	—	—	7.3	{ Torquay	—	54	41	o	c. bc. c. o	4.8
England, E.	{ Aberystwyth	—	50	37	c. bc	c. b	11.3	{ Paignton	—	—	—	—	—	—
	{ Tenby	—	—	—	—	—	{ Falmouth	—	53	43	o. c. o	o. c. bc. b	4.4	
	{ Swansea	—	—	—	—	—	{ Penzance	—	48	44	cr. br	br	7.5	
England, E.	{ Cromer	—	55	35	b. bc. c	c. o. c	6.3	{ Newquay	—	50	44	bc	b	7.2
	{ Lowestoft	—	—	—	—	—	{ Ilfracombe	—	52	43	o. c	c. bc	0.5	
	{ Felixstowe	—	48	29	bc	bc	11.3	{ Weston-super-Mare	—	—	—	—	—	—
{ Walton-on-Naze	—	50	33	b. b	b. bc	11.5								
{ Southend-on-Sea	—	51	35	b	b	12.0								

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	58	55	6.7	54	34	22	b. bc	bc. c	c. bc
City (Bunhill Row) ...	58	55	5.0	54	33	27	b. c	c. o	c. c. b
Westminster (St. James's Pk.)	58	55	6.1	54	33	27	b. c	c. o	c. c. b
Camden Sq. (Brit. Rainfall)	58	55	6.1	54	33	27	b. c	c. o	c. c. b
Hampstead (Reservoir) ...	58	55	6.4	51	35	21	b. m	bc	bc. bc
Richmond Park ...	58	55	5.6	51	35	21	b. m	bc	bc. bc
Kew. (See front page.)	58	55	5.6	51	35	21	b. m	bc	bc. bc
(Greenwich and Camden Square air temperatures are in Glaisher screens.)	58	55	5.6	51	35	21	b. m	bc	bc. bc
S. Kensington (Roof of M.O.)	58	55	5.6	51	35	21	b. m	bc	bc. bc

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	—	55	42	38	c. b	bc
Darwen to 9 p.m.	—	55	38	33	c	c
Manchester "	—	55	38	33	c	c
Birmingham "	—	55	38	33	c	c
Oxford to 9 p.m.	—	55	45	40	c. b	bc
Teignmouth to 9 p.m.	—	55	45	40	c. b	bc
Plymouth "	—	55	45	40	c. b	bc
S. Kensington (Museum Grounds to 6 p.m.)	—	52	37	28	b. bc	o. o.

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 57° at Aberdeen and to about 55° at several other stations. Bright sunshine was very prevalent on the eastern, southern and south-western coasts of England. Rain fell in Ireland and Scotland; 19 mm. at Stornoway.

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 110.

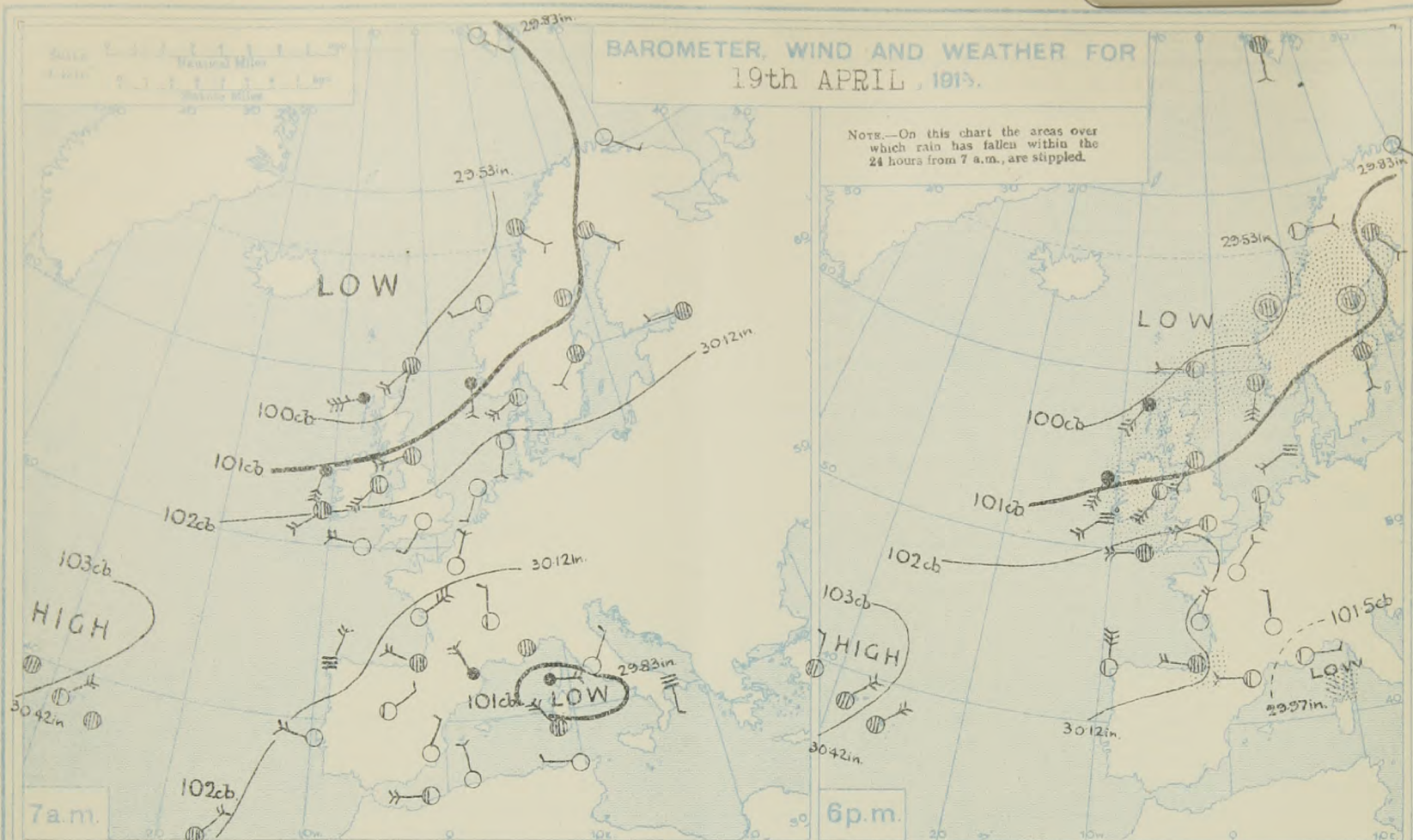
Tuesday,
20th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.																						
	Lerwick	1000.4	44	W	2	bc	998.9	0	39	-2	N	4	-	om	3	8	46	38	omp	bc	c. omv	*
	Deerness	1002.4	44	WSW	3	og	1000.3	2	38	-5	NW	5	-	op	3	4	48	38	r.o.c	c.o	op.o	4.9
	Stornoway	1002.2	44	SW	6	adqp	1006.0	+8	35	-13	NW	4	NW	c	4	4	49	35	r.c.qp	c.odqp	odp.cp	3.1
	Castlebay (Barra Isd.)	1003.3	44	SW	4	r	1008.6	+7	39	-9	MNW	4	-	chp	4	9	48	37	sp.o	or	rhp	0.5
	Glasgow	1006.4	48	SSW	4	r	1004.6	+10	41	-5	W	4	S	c	*	6	49	40	odq	sp.ond	odg.r.o	0.0
	Eskdalemuir	1007.5	48	SW	7	ond	1004.8	+4	41	-4	NW	5	-	e	*	18	48	39	ond	ond	odm.or	0.2
	Malin Head	1005.9	48	SW	5	omrg	1008.7	+9	43	-5	NW	6	NW	bcq	6	9	48	40	ond	omrg	ca	0.0
	Blackod Point	1007.7	49	SSW	6	ond	1014.4	+7	40	-8	NW	7	NW	cmq	5	8	49	39	odm	odm	om.dnp	0.0
	Valencia	1015.6	52	SW	4	m	1018.6	+7	43	-7	NW	4	NW	bcap	4	3	53	43	om	om	omqp	0.0
	Roche's Point	1017.3	51	SW	3	o	1016.3	*	46	-3	N	5	N	b	4	2	52	44	c.o	o	or.b	*
	Birt Castle	1013.3	53	SW	5	o	1015.2	*	42	-7	W	2	-	b	*	5	54	40	o	o	or.b	0.0
	Donaghadee	1008.2	53	WSW	5	ogm.qp	1008.8	+7	42	-6	NW	4	NW	cp	3	1	55	42	om.z	ogm.qp	ogm.qp	*
	Liverpool (Bidston)	1013.5	50	SW	4	c	1007.2	-5	51	+2	SW	5	SW	og	4	-	56	48	bc	bc.o	bcq	5.9
	Holyhead	1013.4	49	SW	6	bcq	1010.3	+4	44	-4	W	6	-	oig	5	3	51	44	cmq	bcq	og.f.rq	4.2
	Pembroke (St. Ann's)	1018.3	48	SW	4	c	1013.0	+1	45	-1	NW	5	-	odm.qp	5	1	50	45	omp	cg	cg	0.4
	Scilly (St. Mary's)	1021.4	50	W	4	o	1015.2	-2	49	+2	WSW	4	SW	ome	5	-	54	47	cm	bc.o	cr. om	4.9
	Falmouth	1020.9	50	WSW	3	o	1014.9	-3	48	+3	SW	4	-	od	4	1	53	44	b.bcz	o	ce.od	2.9
	Jersey (St. Aubin)	1022.4	50	WNW	3	b	1018.4	*	47	-1	WSW	3	-	o	3	-	54	43	bm.b	c	bw.o	13.0
	Portland Bill	1020.2	48	WSW	4	c	1016.0	-1	48	+1	SW	4	SW	o	3	-	52	46	b	bc.c	c.o	*
	Dungeness	1019.1	48	W	4	bz	1015.7	-3	48	+8	SW	4	-	o	3	-	53	39	bz	bz	b.b.p.o	*
	Dover	1019.1	47	SW	5	bc	1015.5	-1	47	-3	SW	2	SW	c	3	-	55	42	bo	bz	b.b.c	12.3
	Wick	1003.0	46	-	0	c	1001.0	+3	39	-4	WNW	4	-	o	3	6	54	38	omr.eg	cmq	omp	*
	Nairn	1003.5	46	-	0	od	1003.2	*	40	-7	WNW	2	-	og	2	13	55	39	g.o.b.c	cd	d.r	4.4
	Aberdeen	1004.0	48	-	0	op	1001.8	+8	39	-10	WNW	5	-	of	2	4	61	39	o.c	cap	ap.c.or	3.7
	Leith	1005.6	52	WSW	2	r	1001.9	+2	45	-5	W	3	NW	o	*	2	55	44	org.c	og.od	op	*
	Tynemouth	1009.9	51	SW	3	cm	1002.9	-4	52	+2	SW	4	SW	cmq	3	-	54	49	bcm	bcm	bcm	*
	Spurn Head	1015.4	53	W	4	c	1010.2	-2	50	+3	WSW	5	-	bcq	5	-	58	44	c	c	cg	4.1
	Yarmouth	1016.6	59	W	2	bcm	1013.1	-1	50	+8	W	3	W	c	2	-	63	41	bcm	bcm	b.o.c	10.4
	Clacton-on-Sea	1017.4	58	W	2	bc	1014.3	-1	49	+7	W	2	W	c	2	-	62	41	bm.z	bz bc	b.b.c	11.0
	Nottingham	1015.7	53	W	5	c	1010.4	*	50	+6	SW	5	SW	o	*	-	60	44	bc	c	c.o	6.7
	Bath	1019.9	51	W	2	o	1014.3	*	50	+4	WSW	4	W	o	*	-	56	46	og	og	g.og	0.6
	London (Kew Obsy.)	1018.5	57	WSW	3	bc	1015.0	-2	49	+9	SW	4	-	o	*	-	58	39	bm.c.bc	bc	bc.c.o	11.6
	Spitsbergen	1008.2	14	S	2	o	1007.7	-2	21	+20	-	0	*	o	*	*	21	-2	GALES.			
	Isafjord															*	*	Duration and Extremes Force in British Islands.				
	Reykjavik															*	*					
	Vestmanna															*	*					
	Seydisfjord															*	*					
	Thorshavn															*	*					
	Vardö	1009.2	34	SE	1	b	1009.5	0	37	0	S	2	-	o	2	*	37	30	Eskdalemuir			
	Bodö	1003.8	37	E	2	b	1000.2	-1	39	0	E	2	-	b	1	*	41	36	19th Noon SW 9			
	Christiansund	995.8	43	-	0	o	999.7	0	41	-2	-	0	-	o	3	1	43	39	20th 5.30 am SW 5 NW 13 22 mps			
	Skudesnaes	1005.7	43	SSW	6	o	1002.0	-2	43	+2	S	6	-	f	4	12	43	41				
	Færder (Xlantafjord)	1007.4	41	SW	7	m	1007.7	0	41	0	SSW	5	-	f	3	2	41	39				
	The Scaw (Skagen)	?	45	?	4	o	1010.0	+2	43	+2	SSW	4	-	m	3	-	50	41	19th 10 am Gust SSW 18 mps			
	Blaavands Huk	1016.6	43	SW	3	f	1012.7	-1	45	+2	SSW	3	-	m	3	-	46	41	20th 5 am Gust WNW 18 mps.			
	Haparanda	1010.4	46	SE	2	o	1005.0	0	34	+2	S	4	-	o	*	4	39	32				
	Hernösand	1006.4	41	-	0	o	1004.8	0	43	+7	-	0	-	c	*	Trace	43	36				
	Stockholm	1013.6	45	S	2	o	1012.0	0	41	-2	SSW	2	-	o	*	2	52	37				
	Wisby	1017.5	43	SW	4	bc	1016.7	-1	48	+7	SW	4	W	b	*	-	50	37				
	Karlstad	1011.4	39	S	4	r	1009.9	0	39	-2	SW	6	-	o	*	Trace	45	37				
	Petrograd	(5 a.m. G.M.T.)													*							
	The Helder	1018.0	46	S	2	bc	1013.9	0	46	+1	S	3	-	o	1	-	50	43				
	Brussels	*	*	*	*	*								*	*							
	C. Gris Nez	1018.6	46	SSW	4	bc	1015.5	-2	46	+3	SW	5	*	o	4	Trace	54	43				
	La Hève	1020.8	46	WNW	2	b	1017.1	*	43	0	SW	3	*	o	3	-	54	41				
	Ushant	1023.0	50	NW	2	b	1019.4	*	50		WSW	3	*	c	3	-	63	45				
	Brest (St. Mathieu)													*	*							
	Roche fort (Ile d'Atx)	1019.5	58	MNE	3	b	1018.6	-2	48	+2	NE	2	*	b	*	-	66	45				
	Biarritz	1020.2	52	WNW	3	o	1019.3	0	50	-2	SW	3	*	r	2	1	54	50				
	Paris	1019.7	55	MNE	2	b	1018.9	0	45	+4	N	1	N	b	*	-	63	36				
	Belfort													*	*							
	Lyon	1016.2	60	-	0	b	1017.3	*	50	+1	-	0	*	b	*	-	66	45				
	Nice	1014.7	53	E	1	b	1015.1	0	59	+1	-	0	*	c	2	-	63	50				
	Perpignan	1016.2	57	W	2	bc	1016.6	0	57	+5	W	1	-	o	*	-	64	48				
	Sanguinaire	1010.6	53	E	1	o	1013.0	*	56	+2	SE	2	*	c	3	2	61	48				
	Corunna (7 a.m.)	1020.8	55	MNE	6	b	1021.3	0	45	-5	S	1	-	f	2	-	57	43				
	Madrid (8 a.m.)													*	*							
	Lisbon (9 a.m.)													*	*							
	Gibraltar													*	*							
	Rome													*	*							
	Azores (Horta, 8 a.m.)	1030.6	*	NE	3	c	1022.7	+1	58	0	MNE	3	*	bc	2	-	63	55				
	Madeira (Funchal)																					

* 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.		
	0	North-Westerly and Northerly winds, moderate to strong; sky variable, some showers of rain, hail or snow; cold air.
	1	
	2	Wind veering to West and North-West, increasing considerably in force; variable weather, some rain or passing showers; becoming colder.
	3	
	4	
	5	Same as Nos. 0 and 1.
	6	
	7	North-Westerly winds, fresh or strong; changeable, some showers; considerable fair intervals; temperature rather low.
	8	
	9	
	10	Westerly and North-Westerly winds, moderate to strong; sea rather rough; showery.
	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 Re-hoisted in N. and N.W. at 7. 5 p.m.

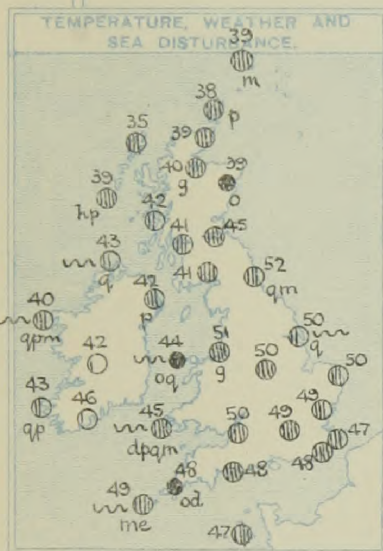
Western Channel and Bay 1)

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., TUESDAY, 20th APRIL, 1915.

GENERAL INFERENCE.

As the V-shaped depression travels away eastward the wind will veer to the West and North-West over England, with a fall of temperature and some rain or passing showers.

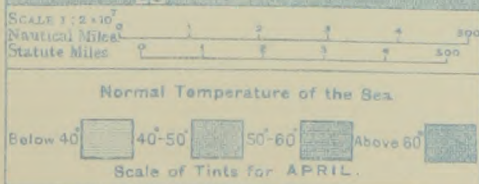


Inches.

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

SEA DISTURBANCE.—Rough ~~~. High ~~~.

DAILY WEATHER REPORT.

Tuesday, 20th April, 1915.

REPORTS FOR YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
		Barom. Milli- bars at M.S.L.	Temp.	Wind.		Weather.	Barometer.		Temp.		Wind.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. F.	Change in 24 hours. F.	Direc.	Force 0-12.					Max.	Min.
	Petrograd	1013.9	36	wnw	1	c	1016.2	+2	34		w	1	-	0	*	-	45	30
	Rome	1010.4	61	-	0	b	1010.9	0	57	+3	-	0	-	0	*	-	72	54
19th April 1915																		

19th April 1915

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

STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	Oban ...	16	48	41	mr	0	Tunbridge Wells ...	-	62	32	b	b. bc.	12.0
	Banff ...	4	57	42	bc. c.	3.6	Margate ...	-	63	38	b	bc	10.6
	St. Andrews ...	-	56	46	*	2.7	Ramsgate ...	-	59	36	b	bc	11.1
Eng. N.E.	Harrogate ...	-	54	43	o	0.4	Folkestone ...	-	53	40	b	b	11.7
	Scarborough ...	-	54	43	o. c. bc. o	0.4	Hastings ...	-	55	40	b	b	12.2
	Skegness ...	-	60	34	bc. b	6.8	Bexhill-on-Sea ...	-	54	38	b	b	12.0
Eng. N.W.	Morecambe ...	-	50	46	o	0.0	Eastbourne ...	-	55	36	b	b	12.0
	Blackpool ...	-	52	47	o. c	0.7	Seaford ...	-	54	34	b. bc	bc. b. bc.	12.0
	Southport ...	-	56	47	o. c. bc	2.3	Brighton ...	-	55	32	b	b	12.4
Midlands.	Buxton ...	-	53	39	bc	5.4	Worthing ...	-	53	32	b	b	11.9
	Leamington Spa ...	-	58	34	bc. c	6.1	Littlehampton ...	-	53	35	b	b	12.7
	Malvern ...	-	56	41	bc	6.4	Bognor ...	-	53	35	b	b	12.7
	Ross-on-Wye ...	-	56	34	bw	5.7	Southsea ...	-	58	33	bc.	o. c	8.2
Wales.	Rhyl ...	-	53	46	o. c	5.1	Bournemouth ...	-	58	33	bc.	o. c	8.2
	Colwyn Bay ...	-	56	46	o. c	5.0	Weymouth ...	-	57	36	bc. b	b. bc. c	8.0
	Llandudno ...	-	55	44	o. c	3.0	Torquay ...	-	56	36	c. bc	bc. c. o	5.3
	Aberystwyth ...	-	50	45	m. o	0.3	Paignton ...	-	57	24	bc	bc	5.4
	Tenby ...	-	52	47	bc. o	0.7	Falmouth ...	-	53	40	b. bc.	o	2.9
	Swansea ...	-	52	47	bc. o	0.7	Penzance ...	-	56	40	o. c	c	3.1
England, E.	Cromer ...	-	65	38	bc	10.6	Newquay ...	-	53	38	or	or	0.0
	Lowestoft ...	-	60	37	b. bc	10.6	Ilfracombe ...	-	53	42	o	m. o	0.5
	Felixstowe ...	-	60	37	bc. m.	10.0	Weston-super-Mare ...	-	53	42	b. bc	c	2.0
	Walton-on-Naze ...	-	61	37	b	10.8							
	Southend-on-Sea ...	-	62	38	b	12.0							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	60	75	11.7	63	47	42	—	b	b. bc	bc. o
City (Bunhill Row) ...	*	*	10.3	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	60	73	11.3	62	48	43	—	b	b	bc
Camden Sq. (Brit. Rainfall)	57	70	10.4	63	48	44	—	b	b	*
Hampstead (Reservoir) ...	*	77	11.4	59	45	36	—	bc	bc	o
Richmond Park ...	*	*								
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.		Average Rate.		Max. Rate.		
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				1910 Joules		37.9 Milli-watts.		72 Milli-watts.		
S. Kensington (Roof of M.O.)	57	72	11.4							

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	mm §	° F.	° F.	F.				Hr.
Darwen to 9 p.m.	-	61	49	48	o. c.	c	c	*
Manchester	0.2	52	44	44	o. bc	bc. o.	bc. comp	0.8
Birmingham "	-	55	42	*	o	o. c. o	o	0.3
Birmingham	-	58	38	32	b	c	c. o	3.4
Oxford to 9 p.m.	*							*
Teignmouth to 9 p.m.	-	59	38	34	b. c	c. bc	b. c	6.3
Plymouth	"							
S. Kensington (Museum Grounds to 6 p.m.)	-	61	38	28	b. y. b	b. bc	bc	*

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

21st April, 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.14.7	G.M.T. 11.52	G.M.T. 6.56
Greenwich ...	4.14.5	11.52	6.58
Wick ...	4.07	11.59	7.3
Valencia ...	4.50	12.11	7.31

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 60° in several parts of the Kingdom, and touched 65° at Cromer. Bright sunshine was very prevalent in most parts of England. Rain fell in the north and west of these Islands.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 111.

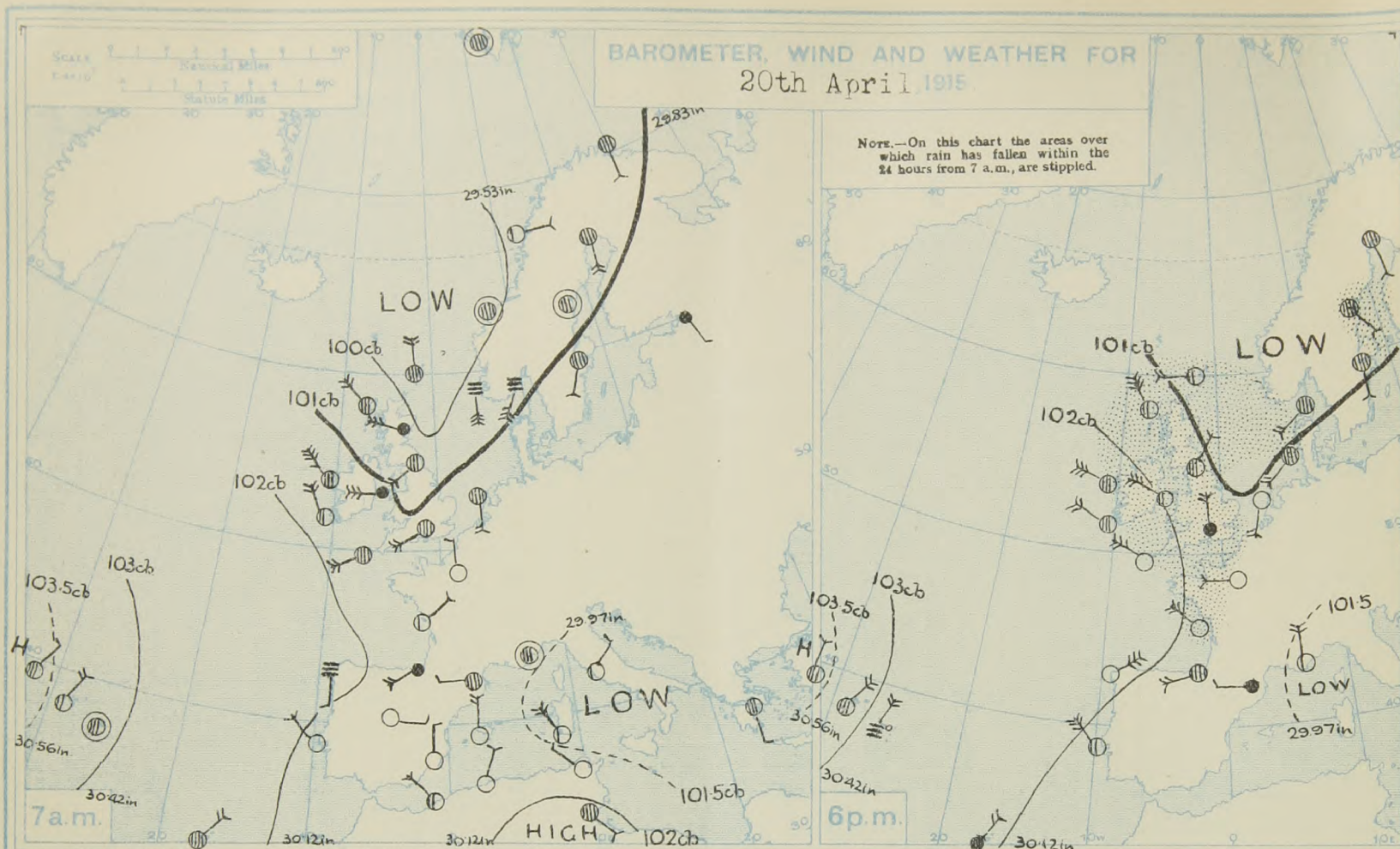
Wednesday,
21st April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Vester- day. Hours.	
		Barom. Milli- bars at M.S.L.	Temp.	Wind.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Wind.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		Weather.				
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
			° F.				°	° F.	° F.							° F.	° F.						
BRITISH ISLANDS.	Lerwick ...	1005.5	34	W	3	bc	1009.9	0	57	-2	NW	3	NW	bc	3	4	42	31	op	c. oap	csp	*	
	Deerness ...	1009.5	35	NW	5	chsp	1013.5	0	35	-3	W	3	NW	osp	3	2	44	32	o.c. bc	bc. cph	osp	5.8	
	Stornoway ...	1014.5	40	NNW	6	bcqph	1017.4	0	38	+3	SW	2	-	bc	2	2	42	35	bcqph	bcqph	bc. bcqph	8.0	
	Castlebay (Barra Isd.)	1017.6	42	NW	5	osp	1018.5	0	43	+4	WSW	3	W	b	3	1	44	36	bcqph	bcqph	sp. o. bc	9.2	
	Glasgow ...	1015.5	41	NW	4	b	1020.5	+2	38	-3	WSW	2	W	o	*	-	47	34	bcqph	bcqph	b. bc. bc	11.0	
	Eskdalemuir ...	1015.6	40	WNW	5	br	1021.3	+1	36	-5	S	1	NW	b	*	-	48	27	o. cq	cq	b	8.9	
	Malin Head ...	1019.2	41	NW	6	cq	1020.7	-1	41	-2	SW	3	NW	cq	4	2	49	38	bcqph	cq	cq	5.0	
	Blacksod Point	1022.0	42	NW	4	bcp	1021.1	-2	44	+4	WNW	3	NW	cp	3	1	53	37	bcqph	bcp	bc. cp	*	
	Valencia ...	1024.7	49	NW	4	c	1024.0	-1	47	+4	SW	1	-	om	3	-	50	43	bcq	bc	om	8.7	
	Roche's Point	1024.1	43	NNW	5	bc	1025.5	*	44	-2	W	1	-	o	1	0.3	51	42	bcqph	b. gp. o	c. o	*	
	Birr Castle ...	1022.6	44	NW	2	o	1023.6	*	41	-1	SSW	1	-	o	*	0.2	49	36	bcqph	o	o	5.7	
	Donaghadee ...	1018.9	40	NW	5	cqph	1021.5	+1	39	-3	W	3	W	bcq	2	0.4	46	37	cmqph	cqph	bcq	*	
	Liverpool (Bidston)	1018.0	43	WNW	5	b	1022.1	+1	41	-10	WNW	3	NW	o	3	1	51	39	p. o	b	bc. o	5.9	
	Holyhead ...	1019.1	46	NW	5	bc	1022.6	+1	43	-1	NW	4	N	o	2	1	48	42	o. cp. bc	bc. c. bc	o. p. bc	7.1	
	Pembroke (St. Ann's)	1022.1	44	NNW	3	c	1024.3	+1	43	-2	NW	2	NW	c	2	1	50	41	omqph	bcq	cq	6.4	
	Scilly (St. Mary's)	1021.0	49	NW	5	b	1024.6	+1	46	-3	NNW	2	N	op	4	2	52	45	mr. bc	bc	bc. o	8.1	
	Falmouth ...	1020.1	48	NW	3	b	1023.7	0	43	-5	N	1	N	c	2	2	51	44	od. cq	c. bc. b	o. bc. o. c	5.8	
	Jersey (St. Aubin)	1017.5	47	WNW	3	or	1023.1	*	45	-2	N	3	N	bc	3	3	56	42	o. c	c. o. p. r	o. bc.	2.0	
	Portland Bill ...	1017.1	45	NNE	3	cp	1022.9	+3	42	-6	NNE	3	-	b	2	2	50	40	op	op	c. bc. b	*	
	Dungeness ...	1014.6	48	SW	3	o	1019.3	+2	40	-8	NW	4	NW	c	3	1	52	37	o. c. o	o. c. o	o. p. o. bc	*	
	Dover ...	1010.4	43	SW	3	o	1020.4	+3	44	-3	NNW	4	S	bc	2	0.1	52	39	c. o	c. bc. od	d. o. p. bc	1.7	
Wick ...	1010.8	36	NW	3	bc	1018.7	+2	33	-6	WNW	2	NW	o	2	3	43	30	omq. bc	bcq. sp	omq. ps	5.0		
Nairn ...	1013.6	36	NW	5	cq	1017.2	*	39	-1	W	2	-	bc	2	0.4	44	32	ph. bc	uq. sp	asp. bc	5.4		
Aberdeen ...	1013.3	39	W	5	bc	1017.9	+1	39	0	WSW	2	NW	c	2	1	47	32	op. bcq	bcq. sp	bc. b	*		
Leith ...	1014.0	46	NW	2	bc	1019.8	+1	40	-5	WSW	2	W	bc	*	1	50	35	c. o. p. c	c. bc	b	*		
Tynemouth ...	1014.1	43	NE	2	c	1020.7	+3	38	-14	NW	2	-	b	0	-	53	32	c	c	b	0.0		
Spurn Head ...	1014.1	46	ENE	3	c	1021.9	+4	36	-14	NW	4	-	bc	4	-	56	36	cq	c	c	0.0		
Yarmouth ...	1013.7	47	N	2	omr	1020.5	+5	41	-9	WNW	2	NW	bc	1	2	60	37	cq	omr	omb.	7.0		
Clacton-on-Sea	1013.9	47	NW	2	om	1020.7	+4	38	-11	NW	3	NW	bc	1	0.3	53	36	c	c. o. gd	o. c. bc	1.5		
Nottingham ...	1015.5	48	NW	5	b	1021.5	*	39	-11	NW	2	-	bm	*	1	56	35	o. camp	o. c. bm	b	2.6		
Bath ...	1016.7	48	NNW	1	bc	1023.2	*	41	-9	NW	1	-	b	*	2	54	32	q. or	r. o. c. bc	bc. c. o. b	1.8		
London (Kew Obsy.)	1016.1	47	N	3	od	1022.3	+3	39	-10	NNW	3	-	bm	*	0.4	56	35	o	od	od. o. bc. b	0.1		
ICELAND, FAEROE, &c.	Spitsbergen ...												*	*	*			GALES.					
	Isafjord...												*	*	*			Duration and Extreme Force in British Islands.					
	Reykjavik ...												*	*	*			Aberdeen.					
	Vestmanna ...												*	*	*			20th 11 a.m. Gust NW 23 mps.					
	Seydisfjord ...												*	*	*			20th 3 p.m. Gust WNW 21 mps.					
	Thorshavn ...												*	*	*								
NORTHERN EUROPE.	Vardö ...												*	*	*								
	Bodö ...												*	*	*								
	Christiansund												*	*	*								
	Skudesnaes												*	*	*								
	Færder (Nianla Fjord)	1004.3	43	S	6	m	1007.4	+5	39	-2	W	6	SW	o	3	Trace	43	39					
	The Scaw (Skagen)	1007.4	48	SW	3	o	1010.6	+4	43	0	W	4	-	bc	4	-	52	39					
	Blaavands Huk	1010.3	45	SW	3	o	1015.3	+4	41	-4	NW	3	-	b	3	Trace	48	39					
	Haparanda ...	1007.9	34	S	2	o	1005.5	+1	37	+3	S	4	-	o	*	-	37	30					
	Hernösand ...	1005.7	41	SE	2	o	1002.6	0	37	-6	S	4	SW	c	*	1	50	37					
	Stockholm ...	1009.2	45	S	2	o	1007.8	0	46	+5	S	2	-	o	*	-	55	41					
Wisby ...	1013.1	50	SEW	2	b	1009.6	-2	46	-2	SW	2	-	o	*	-	55	43						
Karlstad ...	1007.9	45	-	0	o	1006.6	+3	39	0	WSW	4	-	o	*	-	46	37						
Petrograd (6 a.m. G.M.T.)													*	*	*								
FRANCE, &c.	The Helder ...	1012.0	46	SSW	3	b	1018.6	+4	45	-1	N	3	-	b	2	-	50	43					
	Brussels ...	*	*	*	*	*							*	*	*								
	C. Gris Nez ...	1014.0	47	WSW	5	o	1019.4	+4	48	-4	N	5	*	r	4	2	50	41					
	La Hève ...	1016.6	46	NNW	2	r	1020.6	*	41	-2	NNE	3	*	b	3	2	52	39					
	Ushant ...												*	*	*								
	Brest (St. Mathieu)	1021.6	48	N	5	bc	1025.1	+2	45		NE	2	*	o	2	-	55	43					
	Rochefort (Ile d'Aix)	1017.7	52	NW	4	b	1019.4	0	46	-2	NNW	5	*	o	*	2	59	45					
	Biarritz ...	1019.3	53	WSW	3	o	1020.6	0	52	+2	W	3	*	o	2	-	54	50					
	Paris ...	1014.9	57	WNW	2	b	1018.4	+3	46	+1	NNE	2	-	o	*	-	63	43					
	Belfort ...												*	*	*								
SOUTHERN EUROPE.	Lyons ...												*	*	*								
	Nice ...	1014.6	54	N	4	c	1013.9	0	56	-3	-	0	*	bc	2	-	68	48					
	Perpignan ...	1016.0	55	W	2	r	1017.7	+1	54	-3	WNW	3	-	o	*	7	73	50					
	Sanguinaire ...	1013.2	55	S	1	f	1013.2	*	56	0	E	3	*	f	3	-	68	50					
	Corunna (7 a.m.)	1021.2	54	NE	6	b	1025.0	+2	50	+5	ENE	6	-	o	4	?	57	45					
	Madrid (8 a.m.)												*	*	*								
	Lisbon (9 a.m.)	1015.1	63	NW	5	bc	1015.8	+2	54	0	NNE	2	-	b	5	-	68	52					
	Gibraltar ...												*	*	*								
	Rome ...												*	*	*								
	Azores (Horta, 8 a.m.)	1032.8	*	NE	4	L	1029.7	0	58	+1	NNE	3	*	o	3	1	64	55					
Madeira (Funchal)	1022.0	63	NE	3	r	1021.3	0	57	-2	NE	3	*	o	3	?	63	57						

* Information for these columns not usually received.

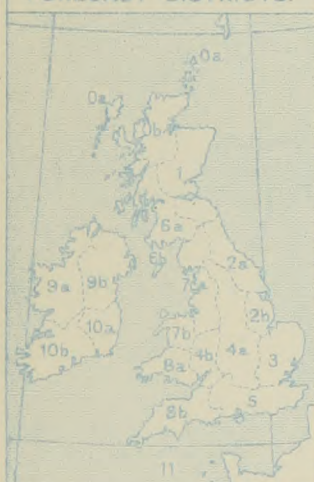
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings
Issued.

Western Channel and Bay

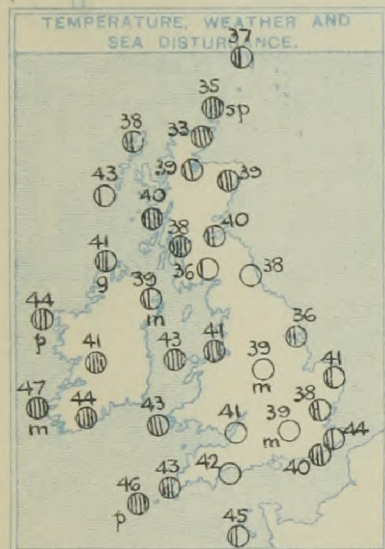
- | | | |
|----|---|--|
| 0 | a | } Westerly and South-Westerly winds, light or moderate; mostly fair, but local showers of rain or sleet; cold, then milder. |
| | b | |
| 1 | a | } Westerly and South-Westerly winds, light or moderate; mostly fair or bright; temperature rising somewhat, but again low at night. |
| | b | |
| 2 | a | } North-Westerly to Westerly winds, light or moderate; mostly fair or bright; temperature rising somewhat, but again low at night. |
| | b | |
| 3 | a | } North-Westerly to Westerly winds, light or moderate; mostly fair or bright; temperature rising somewhat, but again low at night. |
| | b | |
| 4 | a | } Northerly and North-Westerly to Westerly winds, light or moderate; mostly fair or bright; temperature rising somewhat, but again low at night. |
| | b | |
| 5 | a | } Same as No. 1. |
| | b | |
| 6 | a | } Same as Nos. 2 to 4. |
| | b | |
| 7 | a | } Westerly and South-Westerly winds, light or moderate; some slight local showers, otherwise fair generally; milder. |
| | b | |
| 8 | a | } Northerly to North-Westerly or Westerly winds, light or moderate; sea slight; fair. |
| | b | |
| 9 | a | } |
| | b | |
| 10 | a | } |
| | b | |
| 11 | a | } |
| | b | |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m. WEDNESDAY, 21st APRIL, 1915.

GENERAL INFERENCE.

There are no indications of the immediate approach of another depression towards these Islands.



DAILY WEATHER REPORT.

Wednesday, 21st April, 1915.

REPORTS

FOR
YESTERDAY.

20th April 1915.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
		° F.						° F.	° F.									
Petrograd	1019.3	37	-	0	b	1019.8	0	39	+5	SE	1	-	r	2	-	63	24	
Madrid	1015.9	61	-	0	c	1019.4	+2	48	+2	E	1	-	b	2	-	63	43	
Lisbon	1016.3	59	SW	4	b	1016.8	0	54	+2	W	2	-	b	2	-	61	52	
Rome	1013.5	57	SW	1	r	1013.2	0	54	-3	-	0	-	c	4	4	68	52	
Funchal	1022.1	63	NE	3	bc	1023.7	+1	59	0	NE	3	7	o	3	-	66	55	

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				Tunbridge Wells ...	2	52	45	o	or	8.0
Oban ...	16	49	37	b	hp	9.2	Margate ...	-	58	46	c	c	3.6
Banff ...	11	45	37	bc.p.c	bc.h.c	7.0	Ramsgate ...	-	55	42	bc.o	o	2.0
St. Andrews ...	2	50	41	*	*	5.5	Folkestone ...	-	50	42	bc.b	bc.o	0.6
England, N.E.							Hastings ...	1	51	42	o	od.o	0.0
Harrogate ...	-	51	44	bc.c.o.c	bc	3.9	Bexhill-on-Sea ...	1	50	43	o	or	0.0
Scarborough ...	*	58	43	o	osp	4.4	Eastbourne ...	2	51	45	o	or	0.0
Skegness ...	-	58	43	o	osp	4.4	Seaford ...	1	49	35	o	r	0.4
England, N.W.							Brighton ...	0.3	50	46	o.c.o	o.c.o	0.2
Morecambe ...	2	47	44	o.bc.b	b.bc	8.3	Worthing ...	1	51	44	o	r	0.5
Blackpool ...	1	51	41	o.bc.b	b	7.9	Littlehampton ...	1	53	46	o	or	0.1
Southport ...	1	48	44	or.c.bc	b	7.3	Bognor ...	2	53	46	op	od	0.1
Midlands.							Southsea ...	-	-	-	-	-	-
Buxton ...	4	49	40	or	bc	3.6	Bournemouth ...	3	52	43	o	o	0.0
Leamington Spa ...	6.3	53	41	op	c.bc	2.2							
Malvern ...	4	50	43	g.bc	bc.b	7.8							
Ross-on-Wye ...	2	52	45	omp	bc.c	1.0							
Wales.							Weymouth ...	1	53	44	op	p.bc.c	0.1
Rhyl ...	4	47	41	p.oc	bc	5.4	Torquay ...	4	51	45	od.r	c.bc.b	3.3
Colwyn Bay ...	6	48	41	r.bc	bc	4.5	Paignton ...	4	52	45	od	bc	3.6
Llandudno ...	7	54	39	-	-	5.4	Falmouth ...	2	51	44	od.cq	c.bc.b	5.4
Aberystwyth ...	3	47	42	r.o.c	c.bc	6.0	Penzance ...	4	53	46	or.c	bc	7.0
Tenby ...	4	53	45	o.bc	d.b.c.o	6.3	Newquay ...	2	49	43	op.bc	bc	5.5
Swansea ...	-	-	-	-	-	-	Ilfracombe ...	5	51	43	od.c	c.bc.b	5.0
England, E.							Weston-super-Mare ...	3	51	47	r.e	p.bx	2.0
Cromer ...	0.3	59	44	bc.o	r.o.c	6.1							
Lowestoft ...	1	59	43	c	c.or	6.3							
Felixstowe ...	1	56	45	bc	or	3.8							
Walton-on-Naze ...	1	52	40	bc.c	bc.omp	3.7							
Southend-on-Sea ...	-	56	46	c.o.bc	c.bcp.o	1.9							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	88	65	0.1	° F. 58	° F. 56	° F. 28	mm. § 1	o	o.or.o	o.bc.b
City (Banhill Row) ...	*	*	0.1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	85	64	0.3	56	37	32	1	bc.or	r.od	od
Camden Sq. (Brit. Rainfall)	84	63	0.6	59	35	31	1	o	o.or.o	*
Hampstead (Reservoir) ...	*	63	0.3	54	32	22	1	c.op	op.bc	bc.b
Richmond Park	*	*	0.5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)	*	*								
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total. 658 Joules		Average Rate. 13.0 Milliwatts.		Max. Rate. 45 Milliwatts.		
S. Kensington (Roof of M.O.)	83	60	0.1							

Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. †	° F.	° F.	F.				Hr.
Dublin to 4 p.m.	4	59	42	40	gr. c	c. b. ph	bc	*
Darwen to 9 p.m.	2	52	37	40	c. ur. o	om	bc	5.3
Manchester "	1	51	41	*	op	o. c. b	b	4.5
Birmingham "	3	50	39	44	*	o. or	o. c	1.5
Oxford to 9 p.m.	*							*
Teignmouth to 9 p.m.								
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	1	61	48	45	bc. o	o	or. od	*

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

21st & 22nd April, 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.45	11.52	6.58
Greenwich ...	4.43	11.52	7.0
Wick ...	4.56	11.50	7.3
Valencia ...	4.53	11.50	7.5
	4.47	12.11	7.34
	4.45	12.11	7.36
	5.25	12.40	7.44
	5.33	12.40	7.46

NOTES ON YESTERDAY'S WEATHER.

Temperature touched or exceeded 55° at some English stations. Rain fell in most localities, but the quantity was slight. Bright sunshine was very prevalent in most parts of Scotland, in the south of England 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

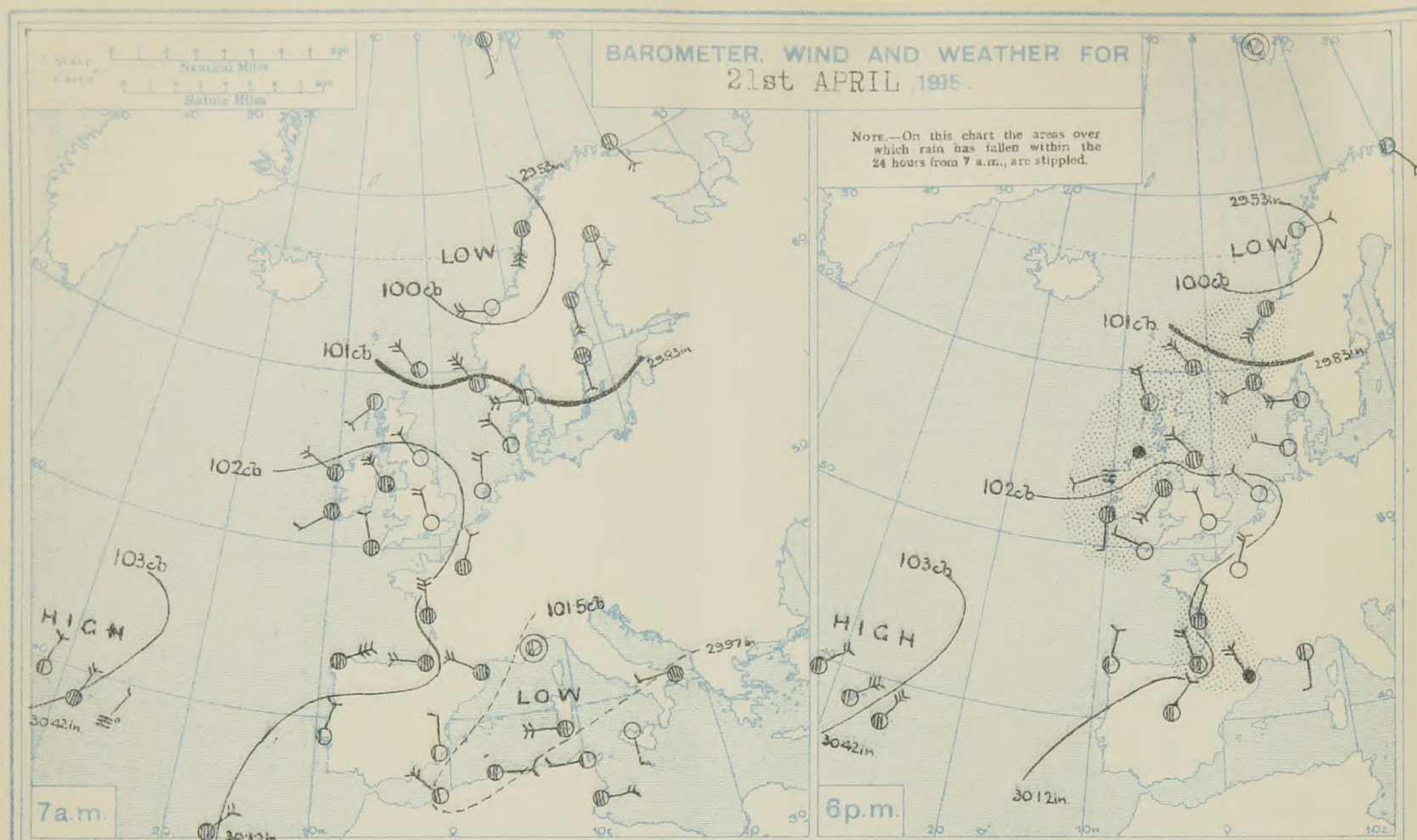
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 112.

Thursday
22nd April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	Wind. Dir.	Force 0-12	Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb. °F.	Change in 24 hours.	Wind. Dir.	Force 0-12	Dir.	of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp. °F.	°F.	Morning.	Afternoon.	Night.
BRITISH ISLANDS.	Lerwick ...	1013.6	39	NW	4	c	1018.6	+2	38	+1	NW	3	-	c	2	4	41	37	b.c.s.p.	bc	c	*
	Deerness ...	1016.6	40	NW	3	c	1021.0	*	40	+5	WNW	2	N	bc	2	2	43	34	o.s.p.c	c	c.bc	2.1
	Stornoway ...	1018.4	44	WNW	3	bc	1021.8	+2	40	+2	W	1	-	b	1	1	46	35	bc.o	bc.d.p.o	bc.b.	4.1
	Castlebary (Barra Isd.)	1018.3	45	NW	3	c	1021.9	+1	43	0	-	0	-	b	1	Trace	47	38	b.o.c	c.o.c	bc.b.	3.5
	Glasgow ...	1019.4	42	SSW	2	od	1021.6	+3	39	+1	E	2	N	c	1	1	44	35	o.s.p.d	o.s.p.d	d.o.c.p	1.1
	Eskdalemuir ...	1020.4	40	SW	3	odm	1020.9	+1	38	+2	N	2	-	o	*	3	47	34	o	op	or.odm	4.0
	Malin Head ...	1019.4	45	WSW	3	odm	1021.5	+1	43	+2	NNE	2	N	bcv	2	2	47	40	cg	cmp	bcv	0.0
	Blacksod Point ...	1018.4	48	WSW	2	fe	1021.7	+3	46	+2	ENE	2	NW	bc	2	1	49	42	bcv	fe	fe.om	*
	Valencia ...	1022.0	49	S	1	o	1021.7	+1	49	+2	NW	1	-	o	3	2	52	46	op	c.o	omp	0.2
	Roche's Point ...	1023.7	48	SW	3	o	1021.8	*	49	+5	SW	2	-	r	2	1	50	43	o	o	op.od	*
	Birr Castle ...	1021.2	48	SW	2	r	1020.6	*	48	+7	NW	2	-	o	*	1	50	41	o	odp	or.o	0.0
	Donaghadee ...	1019.6	45	SSW	3	ogm	1020.2	+2	44	+5	NW	2	NW	bcv	1	0.4	48	39	ogm	ogm	ogm.p.c	*
	Liverpool (Bidston) ...	1022.1	45	WNW	1	c	1020.5	0	43	+2	SW	1	-	r	1	2	48	40	c.bc	bc	or	7.6
	Holyhead ...	1021.7	46	SW	4	ogv	1020.3	0	46	+3	W	3	NW	odm	2	0.3	50	42	bc.c.bc	c.o.ov	op.d of bc	4.1
	Pembroke (St. Ann's) ...	1023.3	45	WSW	2	bc	1021.7	-1	45	+2	SW	3	SW	ompd	3	Trace	49	43	c	bc	bc	10.5
	Scilly (St. Mary's) ...	1023.8	50	WNW	1	b	1022.5	0	47	+1	W	2	-	o	3	0.3	52	45	bc	bc.b	cv	8.5
	Falmouth ...	1023.3	44	NW	3	b	1022.3	0	44	+1	NW	1	-	o	2	-	52	39	c.bc	bc.b	b.o	6.6
	Jersey (St. Aubin) ...	1023.4	47	NNW	3	b	1023.0	*	46	+1	N	3	-	om	2	-	50	37	bc.b	b	b.om	12.7
	Portland Bill ...	1022.9	47	WNW	3	bc	1022.5	0	46	+4	-	0	NE	c	1	-	52	41	b.bc	bc	bc.c	*
	Dungeness ...	1021.9	45	NNE	2	b	1022.1	0	46	+6	SSE	1	-	o	1	-	50	39	b.o.c	c.bc.b	b.bc.o	*
	Dover ...	1021.9	43	ESE	2	b	1022.4	0	42	+2	E	1	NW	og	2	-	51	34	bc.	bc.b	bz.c.og	9.4
ICELAND, FAEROE, &c.	Wick ...	1017.1	41	WNW	2	o	1021.8	+2	35	+2	W	1	-	c	2	7	44	32	o.p.h.s	c.om	cmp	*
	Nairn ...	1017.9	41	-	0	om	1021.7	*	38	-1	-	0	-	bc	1	3	47	34	bc	cp.r	d.c.p	5.4
	Aberdeen ...	1018.5	42	SW	1	op	1021.6	+2	38	-1	WNW	3	-	bc	2	3	49	34	c.bc	chp.op	op.o.bc	4.3
	Leith ...	1018.3	45	WSW	2	o	1021.2	+2	42	+2	ENE	2	N	o	*	2	48	40	c	or.o	o	*
	Tynemouth ...	1019.6	47	NW	3	om	1020.1	0	43	+5	NNW	2	N	cm	3	1	48	37	c	c	cm	*
	Spurn Head ...	1022.1	40	SSE	4	o	1021.4	-1	42	+6	WSW	4	-	c	4	-	48	36	bc	o	a.c	10.7
	Yarmouth ...	1022.9	43	E	2	bcv	1022.0	0	42	+1	SW	1	-	bc	0	1	49	38	bcv.h	bc	bc	7.6
	Clacton-on-Sea ...	1021.9	43	SE	3	bc	1022.0	0	44	+6	SW	2	W	og	2	-	49	37	bc.c	c.bc	bc.c.og	8.5
	Nottingham ...	1021.9	47	NW	3	b	1021.5	*	38	-1	SW	1	SW	om	*	-	51	35	bm.c	c.b	bc	9.2
	Bath ...	1021.9	51	NNW	2	b	1022.4	*	44	+3	NW	1	NW	o	*	-	52	39	-	-	c.bc.o	7.2
NORTHERN EUROPE.	London (Kew Obs.) ...	1021.9	51	NNW	2	b	1022.7	+1	42	+3	SW	1	NW	cm	*	-	52	38	bm.b	bc.b	b.bm.cm	12.3
	Spitsbergen ...	1003.4	21	-	0	b	997.5	?	10	-6	S	2	*	b	*	*	27	3	*	*	*	*
	Isafjord ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Reykjavik ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Vestmanna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Seydisfjord ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thorshavn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Vardö ...	1004.4	39	SE	2	bc	997.7	-5	39	+2	SE	1	-	o	3	3	39	32	*	*	*	*
	Bodö ...	997.9	34	E	2	b	994.6	+1	32	-5	E	1	-	S	1	2	37	30	*	*	*	*
	Christiansund ...	1001.2	34	SW	5	o	1009.9	+5	36	0	SW	3	-	o	4	9	36	34	*	*	*	*
FRANCE, &c.	Skudesnaes ...	1013.3	37	WSW	4	c	1017.3	+2	41	+4	W	6	-	c	4	1	43	37	*	*	*	*
	Færder (X'ania Fjord) ...	1010.9	41	WSW	4	b	1014.6	+2	39	0	W	6	-	b	2	2	43	37	*	*	*	*
	The Scaw (Skagen) ...	1014.3	39	W	4	b	1017.1	+2	43	0	W	3	W	b	3	2	45	36	*	*	*	*
	Blaavands Huk ...	1019.0	41	WNW	3	b	1020.7	0	41	0	NW	2	NW	c	2	Trace	45	36	*	*	*	*
	Haparanda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hernösand ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Stockholm ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wisby ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karlstad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Petrograd (5 a.m. G.M.T.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOUTHERN EUROPE.	The Helder ...	1021.7	43	NW	2	b	1022.6	0	43	-2	NNW	1	NW	b	1	1	46	41	*	*	*	*
	Brussels ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	C. Gris Nez ...	1020.8	45	ENE	4	b	1021.7	0	42	0	S	1	*	o	*	0	52	37	*	*	*	*
	La Hève ...	1023.0	41	NNE	3	m	1022.7	*	41	0	1	0	*	m	2	1	50	29	*	*	*	*
	Ushant ...	1024.7	47	NNE	3	b	1023.5	*	47	*	NE	2	*	c	3	1	57	39	*	*	*	*
	Brest (St. Mathieu) ...	1024.3	50	N	3	bc	1024.0	0	43	-2	NE	1	*	b	3	?	54	41	*	*	*	*
	Rochefort (Ile d'Aix) ...	1019.9	47	NNE	1	o	1020.3	0	45	-1	NE	4	*	o	*	1	52	43	*	*	*	*
	Biarritz ...	1021.9	50	NNW	3	c	1020.0	-1	48	-4	NE	3	*	o	2	2	55	45	*	*	*	*
	Paris ...	1019.5	50	NNE	2	b	1021.1	0	41	-5	N	2	N	b	*	-	54	34	*	*	*	*
	Belfort ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOUTHERN EUROPE.	Lyons ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nice ...	1012.8	52	S	1	bc	1012.6	0	51	-5	1	0	*	c	2	1	63	45	*	*	*	*
	Perpignan ...	1017.2	52	NW	3	r	1016.2	0	50	-4	NW	4	-	b	*	Trace	64	45	*	*	*	*
	Satignaire ...	1010.9	?	SW	2	m	1011.9	*	55	-1	S	2	*	m	3	3	64	48	*	*	*	*
	Corunna (7 a.m.) ...	1023.1	54	NNE	6	bc	1019.4	-1	50	0	ENE	5	-	b	2	1	55	48	*	*	*	*
	Madrid (8 a.m.) ...	1013.0	64	NE	2	c	1016.7	+1	45	0	NNE	4	W	bc	*	1	68	39	*	*	*	*
	Lisbon (9 a.m.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gibraltar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rome ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Azores (Horta, 8 a.m.) ...	1032.2	*	NE	5	bc	1031.3	0	55	-3	NE	4	*	o	2	-	61	55	*	*	*	*
SOUTHERN EUROPE.	Madeira (Funchal) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

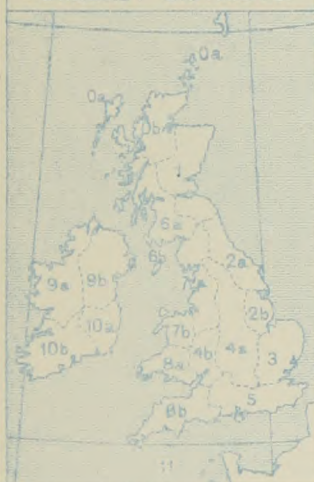
RAINFALL. Equivalents of Millimetres. in Inches.

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



FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings
Issued.

Western Channel and Bay 1)

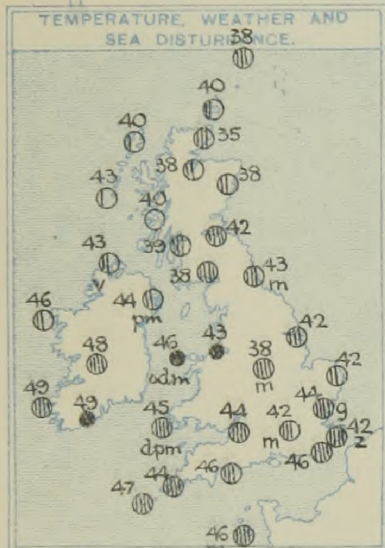
- | | | |
|--|---|---|
| 0 | a | Light winds, mainly Westerly or North-Westerly; mostly fair, cloudy or overcast at times; moderate temperature. |
| 1 | b | |
| 2 | a | North-Westerly or Westerly winds, light; rather variable weather, some slight rain locally; moderate temperature. |
| 3 | b | |
| Same as No. 5. | | |
| 4 | a | Same as No. 2. |
| 5 | b | |
| Variable or light winds; mostly fair or fine, overcast occasionally; moderately mild. | | |
| 6 | a | Light Westerly winds; fair or fine; moderate temperature. |
| 7 | b | |
| Variable or light Westerly winds; some rain, then fair; moderate temperature. | | |
| 8 | a | Light Westerly winds; mostly fair, some local showers; moderately mild. |
| 9 | b | |
| Light variable winds, mainly Westerly; fair generally, some showers locally; moderate temperature. | | |
| 10 | a | Light variable winds; sea smooth; fair generally. |
| 11 | b | |

FURTHER OUTLOOK.

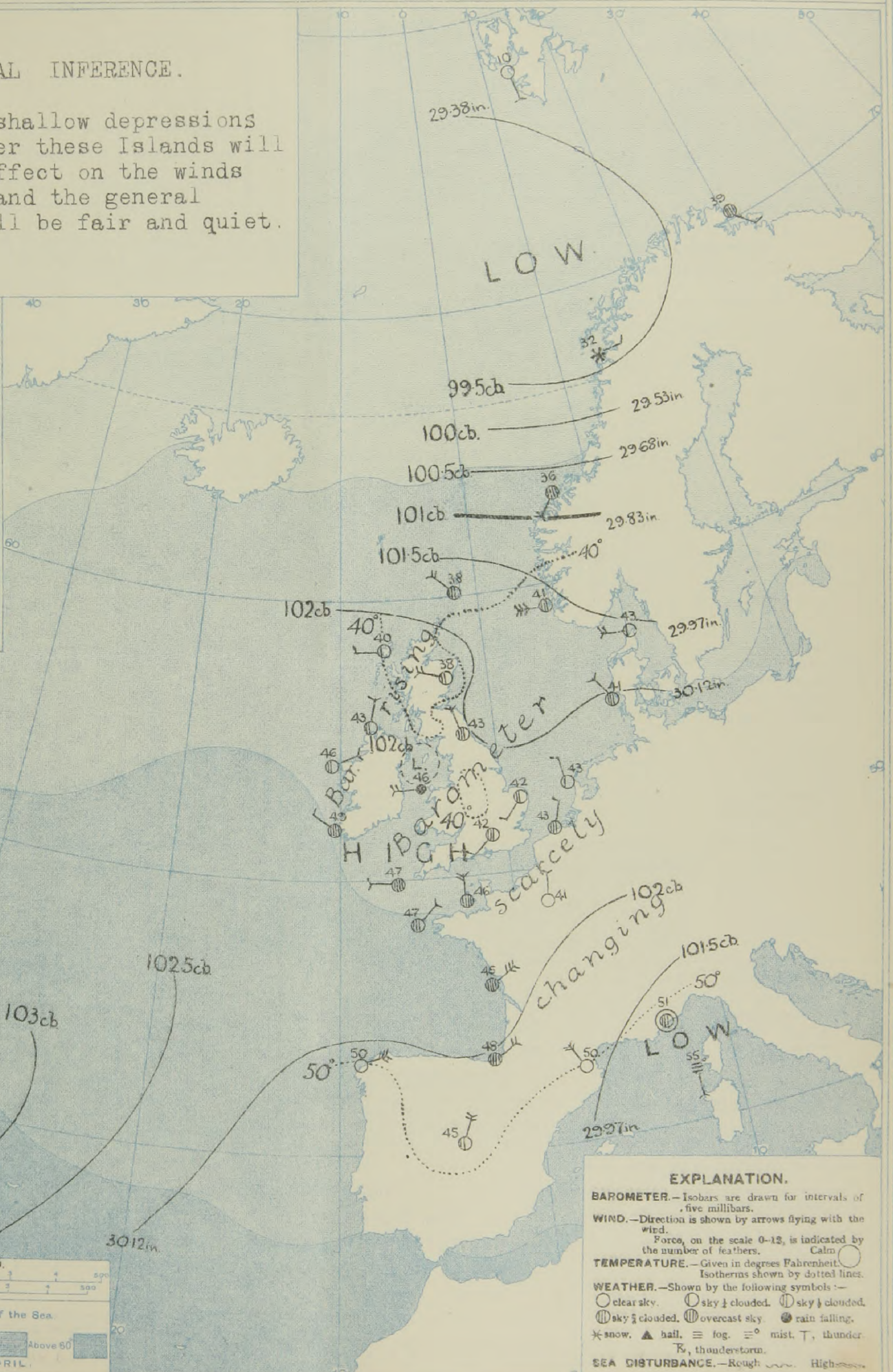
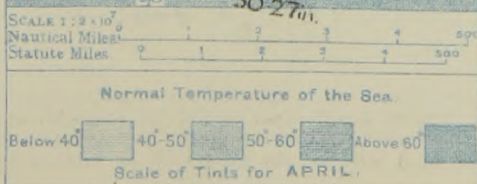
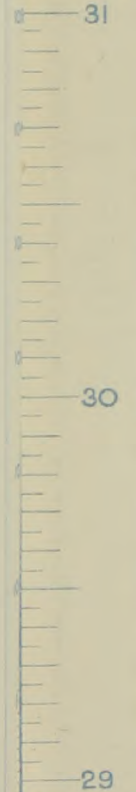
SYNOPTIC CHART FOR 7 a.m. THURSDAY 22nd APRIL, 1915.

GENERAL INFERENCE.

The shallow depressions at present over these Islands will have little effect on the winds and weather, and the general conditions will be fair and quiet.



Inches.



EXPLANATION.

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

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

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

WEATHER.—Shown by the following symbols:—
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.
⊙ sky 5/8 clouded. ⊙ overcast sky. ⊙ rain falling.
* snow. △ hail. ≡ fog. ≡ mist. T, thunder.
F, thunderstorm.

SEA DISTURBANCE.—Rough ~~~~ High ~~~~

DAILY WEATHER REPORT.

Thursday, 22nd April, 1915.

REPORTS FOR YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.						
		F.					F.	F.										
	Spitsbergen	1006.4	23	-	0	c	1005.2	-2	16	-5	S	1	0	c	2	0	27	3
	Vardo	1006.3	36	S	1	b	1005.9	0	37	0	SSW	3	-	c	2	0	37	30
	Bodo	997.3	41	SSW	4	c	996.6	+5	37	+2	SSW	6	-	0	3	1	41	36
	Christiansund	997.1	36	SW	6	r	998.4	0	36	-5	W	4	-	b	4	7	45	34
	Skaresnoes	1005.1	39	W	4	0	1010.3	+2	37	-6	NW	5	-	c	4	8	43	34

21st April 1915

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
	mm. &	° F.	° F.			Hr.		mm. &	° F.	F.			Hr.	
Scot- land.	Oban	2	46	35	p	0.0	2.0	Tunbridge Wells	1	53	35	bz	b. bc. bz	9.3
	Banff	-	46	34	bc	c. 0	5.1	Margate	-	48	41	b	b	10.9
	St. Andrews	-	51	32	*	*	6.3	Ramsgate	-	47	40	c. bc	b	10.2
Eng. N.E.	Harrogate	-	49	32	c. bc	b. bc	8.2	Folkestone	1	49	39	r. o. bc	b. bc	7.5
	Scarborough	-	49	32	b. bc	bc. 0	10.6	Hastings	-	52	38	bc. b	b	9.0
	Skegness	-	47	32	b. bc	bc. 0	10.6	Bexhill-on-Sea	-	52	38	b	b	10.3
Eng. N.W.	Morecambe	0.3	46	39	bc. bc	bc. c	5.3	Eastbourne	-	51	37	b. bc	bc. bz	9.9
	Blackpool	-	49	39	b. bc. b	bc. a	8.6	Seaford	-	54	36	b	b	9.1
	Southport	-	50	40	bc. b	bc. a. 0	7.5	Brighton	-	54	36	b. bc. b	b. bc. c	11.4
Midlands.	Buxton	-	46	30	bc	c	3.6	Worthing	-	54	35	b	b	12.0
	Leamington Spa	-	50	32	bc	bc	9.7	Littlehampton	-	52	36	*	*	12.2
	Malvern	-	49	36	bc	bc. c	8.9	Bognor	1	52	36	b	b	12.6
	Ross-on-Wye	-	53	45	bcw	bcz	8.1	Southsea	-	53	32	b	b	11.5
Wales.	Rhyl	1	47	39	bc	bc	4.2	Bournemouth	-	53	32	b	b	11.5
	Colwyn Bay	-	50	37	bc	bc. 0	2.8	Weymouth	-	49	36	o. c	c. 0	0.8
	Llandudno	-	51	39	bc	bc	3.2	Torquay	-	52	41	c. bc	bc. b	6.6
	Aberystwyth	1	48	40	r. o. c	c. bc	8.0	Paignton	-	54	43	c. bc	b	9.0
	Tenby	-	51	37	bc	bc	6.5	Falmouth	-	49	44	bcw	bc	8.5
England. S.W.	Swansea	-	50	40	bc	bc	11.0	Penzance	-	52	41	c. bc	bc. b	9.0
	Cromer	-	46	37	c. o. cp	c. bc	6.3	Newquay	-	52	41	c. bc	bc. b	9.0
	Lowestoft	-	49	35	bc	bc	7.6	Ilfracombe	-	50	29	b	b. bc. c	8.0
	Felixstowe	-	50	36	bc	c. bc. b	9.1	Weston-super-Mare	-	50	29	b	b. bc. c	8.0
	Walton-on-Naze	-	56	36	b. bc	bc. b. bc	10.4							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.			Fore- noon.	After- noon.	Night.
					Max.	Min.				
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obs.) ...	50	66	10.3	53	37	27	-	bc	b	bc. 0
City (Bunhill Row) ...	*	*	11.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	49	55	12.1	54	40	35	-	bc	bc	bc
Camden Sq. (Brit. Rainfall)	45	54	11.2	56	40	34	-	b	b	*
Hampstead (Reservoir) ...	*	56	12.3	52	37	26	-	bc	c	c. c
Richmond Park	*	*	12.2	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	43	50	11.9	Total. 1865 Joules			Average Rate. 36.7 Milliwatts.		Max. Rate. 72 Milliwatts.	

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. &	° F.	° F.	F.				Hr.
Dublin to 4 p.m.	~	51	40	37	c. bc	c	c. 0	*
Darwen to 9 p.m.	-	49	32	29	bcw	bc	bc	6.5
Manchester "	-	47	33	27	b. bc. c	c	c. 0	4.0
Birmingham "	-	47	33	27	b. bc. c	c	c. 0	4.0
Oxford to 9 p.m.	*							*
Teignmouth to 9 p.m.	-	51	35	27	bc	c. b	bc	3.6
Plymouth "	-	51	35	27	bc	c. b	bc	3.6
S. Kensington (Museum Grounds to 6 p.m.)	-	53	36	30	b	b. bc	bc. b	*

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

22nd & 23rd April, 1915.	Sunrise.			Noon.			Sunset.		
	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.43	11.52	7.0	4.41	11.51	7.1	4.33	11.59	7.5
Greenwich	4.51	11.58	7.6	4.49	11.57	7.7	4.41	11.55	8.1
Wick	4.45	12.11	7.36	4.43	12.10	7.38	4.35	12.18	8.04
Valencia	5.33	12.40	7.46	5.31	12.39	7.48	5.23	12.47	8.04

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 50° in many parts of the Kingdom, but much bright sunshine was recorded except in Ireland and locally in Wales and the south-west of England. Slight rain fell in the west and north.

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

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

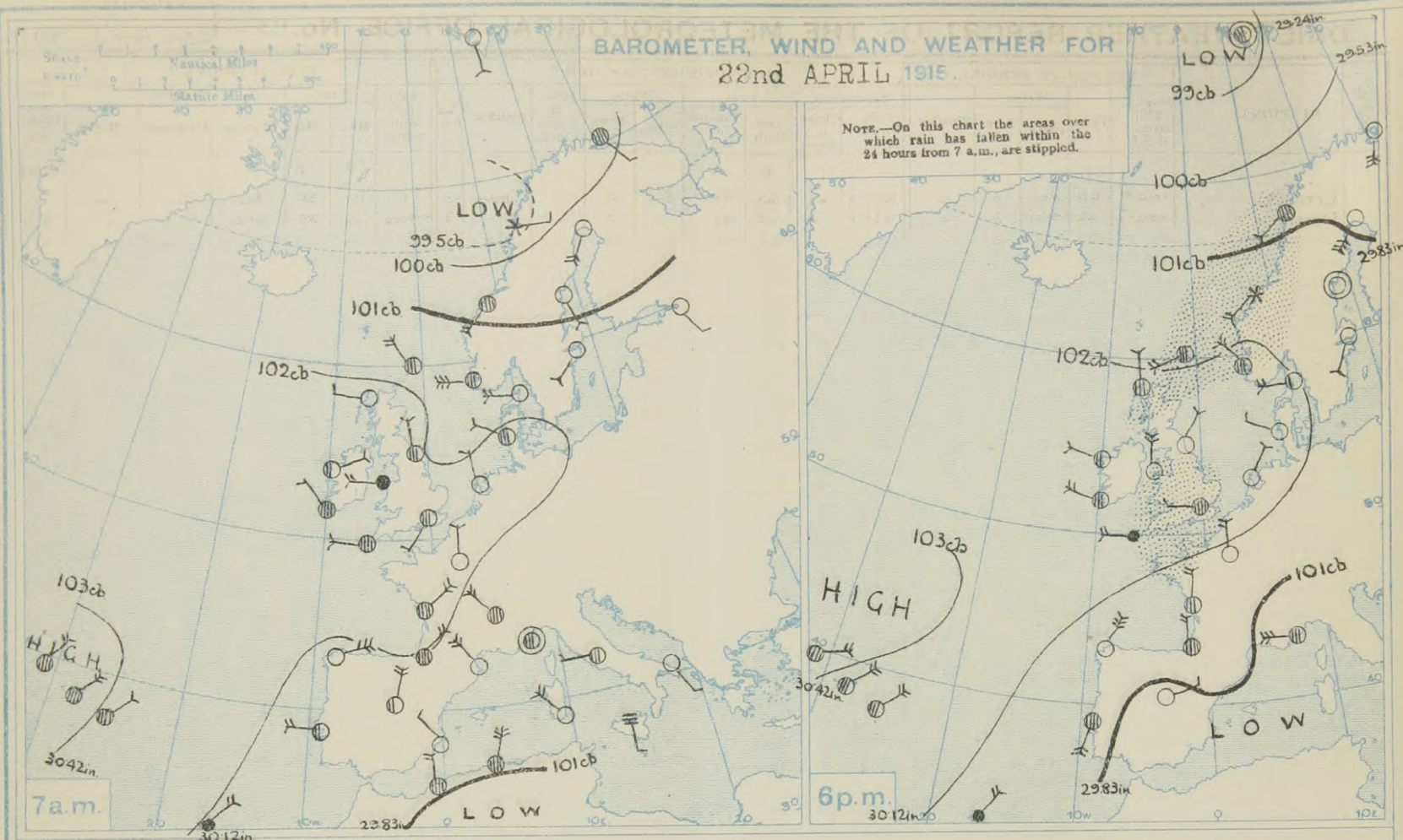
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 113.

Friday
23rd April 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
	Lerwick ...	1019.8	44	WSW	3	c	1017.9	-2	43	+5	SW	4	-	om	3	1	47	38	bc	bc	om	*
	Deerness ...	1021.7	42	SSW	3	o	1020.0	*	43	+3	S	3	-	r	3	Trace	49	38	bc.c	c.o	or	8.6
	Stornoway ...	1021.7	49	N	2	c	1020.1	-1	46	+6	SW	5	-	og	4	-	50	40	c	c.bc	bc.og	3.1
	Castlebay (Barra Isd.)	1022.1	48	SW	2	bc	1021.9	0	45	+2	S	3	-	d	3	1	50	42	bc.b	bc	bc.b.od	10.8
	Glasgow ...	1022.2	48	ESE	1	c	1024.5	0	37	-2	SW	1	N	o	*	-	53	34	c.bc	b.bc	c.bc.om	7.8
	Eskdalemuir ...	1022.7	44	ENE	3	br	1025.1	0	35	-3	NNE	1	-	o	*	-	49	29	c.c	c	b	10.2
	Malin Head ...	1022.9	46	NNE	2	bcv	1023.3	0	45	+2	S	1	-	b	1	-	48	39	bcv	bcv	b	13.2
	Blacksod Point ...	1022.7	49	WNW	2	bc	1022.9	0	46	0	SSW	1	-	bc	1	-	52	43	bc	bc	bc.b	*
	Valencia ...	1022.0	51	NW	3	c	1023.3	0	43	-6	-	0	-	o	3	-	55	41	c	c	bcw	2.7
	Roche's Point ...	1021.9	52	E	2	o	1023.9	*	49	0	SE	1	NE	c	1	0.2	57	43	od	o	c.c	*
	Birr Castle ...	1021.6	53	N	1	o	1023.9	*	40	-8	-	0	-	o	*	-	54	34	c.o	o	o	0.4
	Donaghadee ...	1021.8	47	NNE	2	bg	1023.9	+1	40	-4	SW	2	-	bm	1	Trace	48	38	bcw	bg	bc.bmw	*
	Liverpool (Bidston)	1020.6	48	NW	1	bc	1024.3	+1	40	-3	ENE	1	N	b	1	1	50	35	o	b	bc	5.1
	Holyhead ...	1021.2	49	N	4	b	1024.0	+1	41	-5	E	4	-	b	3	Trace	54	39	c.c.bc	bc.c.b	bc.bx	7.6
	Pembroke (St. Ann's)	1020.1	44	NE	3	bc	1022.8	+1	42	-3	NE	1	-	bm	1	0.4	50	40	or.md	f	bc	1.9
	Scilly (St. Mary's)	1020.0	48	W	3	fd	1020.3	+1	48	+1	NE	2	NE	c	3	1	51	46	om	omd	omd.om	0.0
	Falmouth ...	1019.6	48	SW	3	o	1020.0	+1	47	+3	NNW	3	NE	b	3	-	51	44	o	o	o.b	0.0
	Jersey (St. Aubin)	1020.7	49	NW	3	o	1019.5	*	45	-1	NW	3	-	omr	2	0.4	53	39	b.o	c.c.o	omr	7.4
	Portland Bill ...	1020.5	47	WSW	2	c	1019.3	-1	42	-4	NE	5	-	bc	3	2	49	42	c	c	cm.bcp	*
	Dungeness ...	1019.5	46	SW	1	bc	1020.3	+2	44	-2	ENE	2	E	c	2	-	49	42	bc	bc	bc.o.bc	*
	Dover ...	1020.1	43	-	0	bc	1021.1	+1	45	+3	NE	3	NE	o	1	-	51	40	bc	b.bcz	bc.c.o	5.1
	Wick ...	1022.3	43	S	2	c	1020.4	-1	44	+9	S	2	-	o	2	0.3	45	35	cm.om	om.c	omp	*
	Nairn ...	1021.6	54	-	0	br	1021.5	*	46	+8	W	1	-	c	1	0.1	54	36	b	br	bc.c	11.6
	Aberdeen ...	1023.5	42	SE	3	b	1022.9	0	42	+4	S	3	N	o	2	-	48	38	bc	b	bc.c.o	10.9
	Leith ...	1022.5	47	ENE	2	b	1023.8	0	41	-1	W	1	-	og	*	-	49	38	c.bc.b	b	b	*
	Tynemouth ...	1022.6	44	NE	2	b	1024.5	0	41	-2	NW	2	N	bcw	2	-	47	35	bc	b	bcw	*
	Spurn Head ...	1021.4	46	NNE	4	c	1024.4	0	43	+1	NE	5	-	o	4	-	52	40	c.o	c	bc	0.6
	Yarmouth ...	1021.0	43	S	3	r	1023.1	+2	45	+3	E	4	E	c	2	1	49	41	bc.c	cmr	c	5.5
	Clacton-on-Sea ...	1019.7	46	SE	4	c	1021.6	+1	43	-1	NNE	2	E	c	2	-	51	41	o.bc.og	cg.c	c.o.c	7.5
	Nottingham ...	1020.4	45	NE	1	o	1023.3	*	40	+2	NE	3	NE	o	*	2	50	37	omr	r.o.c	c.c	0.5
	Bath ...	1020.1	50	WNW	1	r	1022.3	*	40	-4	NE	3	E	o	*	0.3	53	39	o	c.or	ro	0.4
	London (Kew Obsy.)	1019.8	50	W	1	o	1021.6	+3	44	+2	ENE	2	-	om	*	2	55	41	cm.bc.o	o	c.or. om	3.7
	Spitsbergen ...	928.7	23	-	0	c	929.1	+2	25	+15	SSW	1	*	o	*	*	25	10	*	*	*	*
	Isafjord ...												*	*	*	*	*	*	*	*	*	*
	Reykjavik ...												*	*	*	*	*	*	*	*	*	*
	Vestmanna ...												*	*	*	*	*	*	*	*	*	*
	Seydisfjord ...												*	*	*	*	*	*	*	*	*	*
	Thorshavn ...												*	*	*	*	*	*	*	*	*	*
	Vardö ...	1003.7	37	SSW	5	b	1010.3	+3	36	-3	SW	3	-	b	2	*	39	36	*	*	*	*
	Bodö ...	1008.6	36	SW	2	o	1015.4	0	37	+5	SSE	2	-	c	2	5	37	30	*	*	*	*
	Christiansund ...	1019.7	36	SW	3	s	1019.3	0	37	+1	S	2	N	b	4	2	39	34	*	*	*	*
	Skudesnaes ...	1021.9	41	NW	3	c	1023.9	+1	39	-2	E	2	-	c	3	3	41	37	*	*	*	*
	Færder (X'ianla Fjord)	1017.7	41	SSW	2	b	1022.3	+2	39	0	NNE	2	-	m	1	-	45	37	*	*	*	*
	The Scaw (Skagen)	1020.1	41	W	3	b	1022.1	+1	39	-4	SW	1	-	b	1	-	46	32	*	*	*	*
	Blaavands Huk	1022.1	45	NW	1	b	1023.5	0	39	-2	ENE	1	-	b	1	-	45	30	*	*	*	*
	Haparanda ...	1008.2	34	SW	6	b	1018.3	+6	39	+3	W	2	-	b	*	-	39	32	*	*	*	*
	Hernösand ...	1015.0	46	-	0	b	1024.0	+2	39	0	N	2	-	b	*	-	50	32	*	*	*	*
	Stockholm ...	1017.7	43	SSW	2	b	1022.3	+2	45	+4	SW	2	-	b	*	-	52	32	*	*	*	*
	Wisby ...	1020.2	41	SSW	2	b	1023.5	+3	43	+4	SSE	2	SW	b	*	-	46	36	*	*	*	*
	Karlstad ...	1017.6	48	SSW	2	b	1023.7	+3	37	+3	-	0	-	b	*	-	50	30	*	*	*	*
	Petrograd (5 a.m. G.M.T.)													*	*	*	*	*	*	*	*	*
	The Helder ...	1021.2	46	NE	2	b	1022.4	+1	45	+2	ENE	3	-	bc	2	-	48	43	*	*	*	*
	Brussels ...	*	*	*	*	*							*	*	*	*	*	*	*	*	*	*
	C. Gris Nez ...	1019.7	45	W	2	bc	1019.8	+1	43	+1	E	4	*	c	2	-	52	39	*	*	*	*
	La Hève ...	1020.2	46	N	4	bc	1018.4	*	41	0	ENE	3	*	m	2	-	52	39	*	*	*	*
	Ushant ...	*	*	*	*	*							*	*	*	*	*	*	*	*	*	*
	Brest (St. Mathieu)	1021.5	51	NW	3	c	1019.7	0	48	+5	NE	2	*	c	2	1	64	43	*	*	*	*
	Rochefort (Ile d'Aix)	1017.5	55	N	3	c	1016.8	0	44	-1	NE	4	*	bc	*	-	57	43	*	*	*	*
	Biarritz ...	1017.1	51	N	3	o	1015.4	0	49	+1	ENE	1	*	o	2	-	54	46	*	*	*	*
	Paris ...	1018.0	48	NNE	4	c	1017.2	0	43	+2	NNE	3	-	b	*	-	55	34	*	*	*	*
	Belfort ...	*	*	*	*	*							*	*	*	*	*	*	*	*	*	*
	Lyons ...	*	*	*	*	*							*	*	*	*	*	*	*	*	*	*
	Nice ...	1008.8	50	W	5	c	1006.9	+1	50	-1	-	0	*	b	2	1	63	41	*	*	*	*
	Perpignan ...	*	*	*	*	*							*	*	*	*	*	*	*	*	*	*
	Sanguinaire ...	1009.2	63	NW	3	m	1006.6	*	54	-1	E	3	*	o	4	-	72	50	*	*	*	*
	Corunna (7 a.m.)	1016.2	55	NE	6	b	1016.7	0	50	0	ENE	5	-	b	2	-	55	48	*	*	*	*
	Madrid (8 a.m.)	1008.8	64	ENE	1	b	1012.4	0	48	+3	NE	1	W	bc	*	-	64	43	*	*	*	*
	Lisbon (9 a.m.)	1010.9	54	SSW	4	o	1011.3	+1	52	-2	NNW	2	-	bc	2	12	66	50	*	*	*	*
	Gibraltar ...	*	*	*	*	*							*	*	*	*	*	*	*	*	*	*
	Rome ...	*	*	*	*	*																

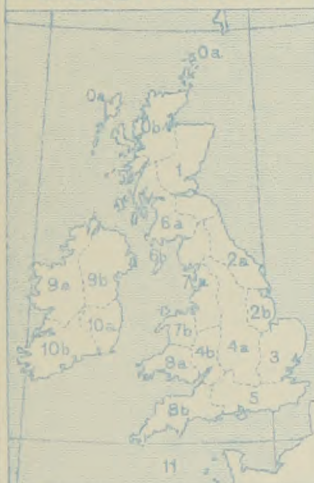
RAINFALL. Equivalents of Millimetres. in Inches.

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



FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

Western Channel and Bay. 11

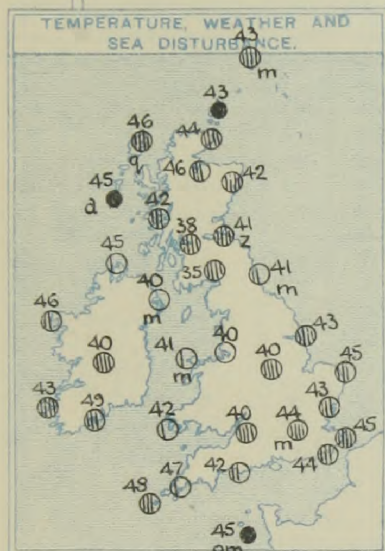
- | | | |
|----|---|---|
| 0 | a | South-Westerly to Westerly winds, light to fresh; mostly cloudy or overcast, some rain; moderate temperature. |
| | b | |
| 1 | a | Winds between South and West, light or moderate; cloudy or overcast generally, fairer occasionally; moderate temperature. |
| | b | |
| 2 | a | Light variable winds; mostly fair; cool. |
| | b | |
| 3 | a | Wind between East and North-East, light; a good deal of cloud generally, brighter at times; moderate or rather low temperature. |
| | b | |
| 4 | a | Same as No. 0. |
| | b | |
| 5 | a | North-Easterly winds, light; fair generally; moderate or rather low temperature. |
| | b | |
| 6 | a | Light variable winds; mostly fair, some showers in west and north-west; moderate or rather low temperature. |
| | b | |
| 7 | a | North-Easterly winds, light or moderate; sea slight; fair. |
| | b | |
| 8 | a | |
| | b | |
| 9 | a | |
| | b | |
| 10 | a | |
| | b | |
| 11 | a | |
| | b | |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., FRIDAY 23rd APRIL, 1915.

GENERAL INFERENCE.

There are no indications of the approach of any depression from the Atlantic, and the general distribution of pressure is likely to undergo little modification.



Inches.

31

30

29

28

27

26

25

24

23

22

21

20

19

18

17

16

15

14

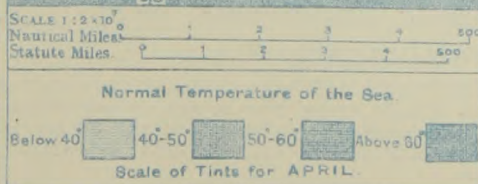
13

12

11

10

9



101.5cb

55

EXPLANATION.

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

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

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

TEMPERATURE.—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded.

○ sky & clouded. ○ overcast sky. ● rain falling.

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

SEA DISTURBANCE.—Rough. High.

DAILY WEATHER REPORT.

Friday, 23rd April, 1915.

REPORTS FOR YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Temp.	
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		Temp.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Max.	Min.
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.						
22nd April 1915.	Haparanda Hernösand Stockholm Wisby Karlstad Petrograd Lyons Lisbon Rome Funchal	1003.9 1004.6 1007.9 1010.6 1009.3 1017.0 1015.8 1013.6 1015.1 1020.0	37 45 45 41 45 52 55 64 59 63	S S S WSW WSW SE NW NW SW NE	4 2 2 2 4 3 4 3 1 2	bc bc bc bc bc bc bc bc bc bc	1004.8 1007.3 1013.5 1018.3 1014.4 1013.7 1015.5 1012.0 1014.4 1020.0	+3 +1 +3 +3 +3 0 + 0 0 0	36 39 41 39 34 45 46 54 50 57	-1 +2 -5 -7 +5 0 0	SSW SSE SW WSW WSW SSE NW WNW W NE	4 2 2 4 2 1 3 3 1 3	- - - - - - - NW NW NE	b b b b b b b b b b	+ + + + + + + 5 3	2 1 1 1 1 1 1 1 1 Trace	41 46 55 46 48 59 62 68 70 63	32 28 34 34 30 39 46 54 48 55

22nd April 1915

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.	
Scot. land.	{ Oban	2	52	34	b	b	11.8	{ Tunbridge Wells	-	53	35	bc	bc	3.0
	{ Banff	2	48	33	b	b	10.5	{ Margate	-	51	40	c	bc	6.4
	{ St. Andrews	1	46	40	*	*	10.4	{ Ramsgate	-	48	38	c	bc	7.1
Eng. N.E.	{ Harrogate	0.3	48	39	o.c	bc.b	4.2	{ Folkestone	-	50	40	b.bc	b.bc	3.7
	{ Scarborough	*						{ Hastings	-	50	40	o.c	bc.c	3.4
	{ Skegness	-	50	38	on	on	0.5	{ Bexhill-on-Sea	0.1	49	41	o.c	o.c	3.2
Eng. N.W.	{ Morecambe	5	50	41	o.bc	bc.b	5.4	{ Eastbourne	-	51	35	o	b.og	3.1
	{ Blackpool	5	52	39	o.b.o	b.bc	7.2	{ Seaford	-	44	36	o.b	b.bc.c	2.8
	{ Southport	7	52	41	o.c.bc	bc.o.c	4.6	{ Brighton	-	52	37	o.c.bc	bc.c.o.c	4.8
Midlands.	{ Buxton	3	48	36	r.c.b	o	0.5	{ Worthing	-	53	37	bc	o	5.5
	{ Leamington Spa	2	50	33	op	op	0.7	{ Littlehampton	-	51	*	b	b.bc.o	6.0
	{ Malvern	6	50	40	c	cr	0.0	{ Bognor	-	53	36	b	b.o	7.2
Wales.	{ Ross-on-Wye	1	51	38	op	og	0.0	{ Southsea	-	56	38	b.bc	c	6.0
	{ Rhyl	1	50	43			4.2	{ Bournemouth	-	54	35	o.c	c.o	3.3
	{ Colwyn Bay	-	50	42	bc	b	4.5	{ Weymouth... ..	-	54	37	bc.c.bc	c.o	1.1
England, E.	{ Llandudno	1	51	38			3.7	{ Torquay	-	53	35	o.c	o	0.9
	{ Aberystwyth	2	50	44	o.c.o	c.c.m	1.7	{ Paignton	0.3	54	38	c.p	c	1.1
	{ Tenby	2	51	41	bc.odm	odm	0.1	{ Falmouth	-	51	39	o	o	0.0
England, E.	{ Swansea	-						{ Penzance	1	52	40	c	on	0.0
	{ Cromer	-	52	38	o.c	o.c	1.0	{ Newquay	1	49	37	o	ond	0.0
	{ Lowestoft	-	49	38	c.bc.c	c.op	7.0	{ Ilfracombe	-	52	43	o	o	0.0
England, E.	{ Felixstowe	-	49	42	bc	bc.c	7.6	{ Weston-super-Mare	-					
	{ Walton-on-Naze	-	49	42	bc.m	bc.c	7.4							
	{ Southend-on-Sea	-	57	40	bc	bc.c	4.7							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
				° F.	° F.	° F.	mm.	g		
Greenwich (Royal Obs.) ...	55	66	1.3	53	39	30	0.3	c	o.or	or.o
City (Bunhill Row) ...	*	*	1.6	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	59	73	2.8	55	43	38	2	b	o	or.o
Camden Sq. (Brit. Rainfall)	59	71	3.2	58	40	33	0.3	b.c	o	*
Hampstead (Reservoir) ...	*	74	3.4	46	38	26	1	c	c.op	op.z.o
Richmond Park	*	*	3.8	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
				1114 Joules		21.8 Milliwatts.		66 Milliwatts.		
S. Kensington (Roof of M.O.)	52	69	2.9							

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

23rd & 24th (April), 1915.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.41	11.51	7.1
Greenwich ...	4.29	11.51	7.2
Wick ...	4.51	11.58	7.6
Valencia ...	4.43	12.10	7.38
	5.31	12.29	7.48
	5.29	12.29	7.50

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 50° in several parts of the Kingdom and below 55° at almost all stations. Bright sunshine was very abundant in Scotland; in central and south-western England there was very little. Slight rain fell in various localities.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 114.

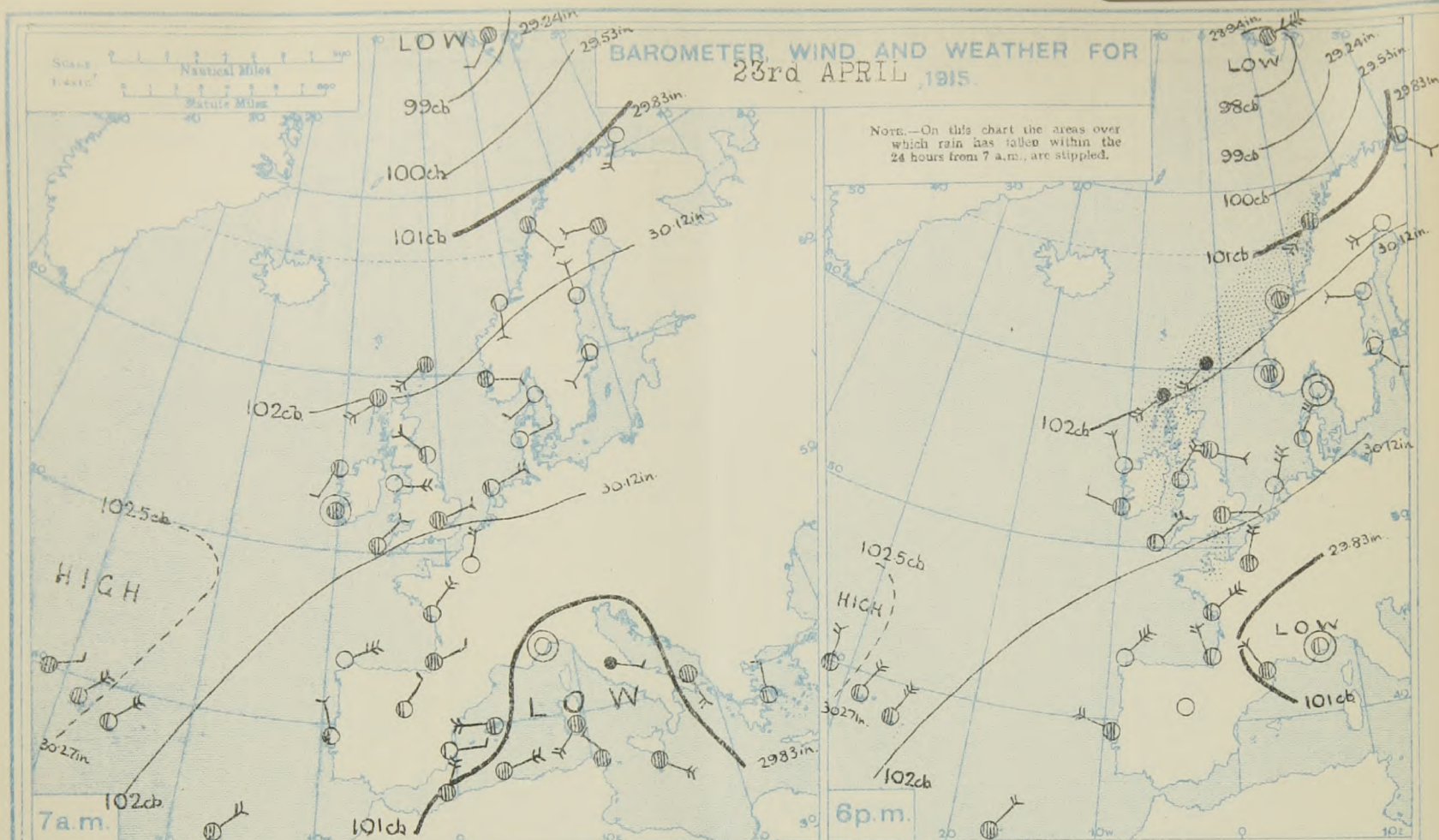
Saturday
24th April 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 8 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	See p. 9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Direc.	Force 0-12.	Max.	Min.	Morning.	Afternoon.		Night.
BRITISH ISLANDS.																						
	Lerwick	1017.2	45	SW	4	fd	1016.7	0	46	+3	W	2	-	f	1	2	46	41	omd	f	fd	*
	Deerness	1018.9	46	W	2	md	1019.3	+	46	+3	WNW	4	-	m	3	2	47	41	f.o	omd	md.f.m	0.0
	Stornoway	1019.7	50	SW	5	omdp	1021.7	+2	48	+2	WNW	2	-	o	2	1	50	45	omdp	omdp	odp	0.0
	Castletown (Barra Isd.)	1021.8	48	SW	3	of	1023.2	+2	47	+2	NW	3	-	om	3	1	48	44	d. of	of	of om	0.0
	Glasgow	1022.6	50	W	2	o	1021.6	0	47	+10	W	2	N	o	*	3	53	37	om.c.o	o.c.o	odp.o	2.2
	Esldalemuir	1023.1	49	SSW	3	o	1021.8	0	44	+9	-	0	-	o	*	1	52	34	o	o	od om	1.4
	Malin Head	1023.7	48	W	2	om	1023.9	+1	47	+2	NW	3	-	fd	2	1	51	46	eg	om	fd	1.7
	Blackisd Point	1024.0	49	NNW	2	bcm	1025.9	0	48	+2	NW	3	-	cfe	1	-	50	45	bcm	fe	fe	*
	Valencia	1024.0	52	WNW	1	c	1025.7	+1	50	+7	-	0	-	o	2	-	54	43	c	c	c	2.8
	Roche's Point	1024.6	50	E	1	bc	1025.1	*	49	0	NNW	2	-	o	1	0.1	55	44	b.bc	b.bc	c. om	*
	Birr Castle	1023.5	58	NW	1	c	1024.8	*	49	+9	NW	2	-	o	*	-	61	39	bc	bc.c	o	6.5
	Donaghadee	1022.7	50	SSW	3	om	1019.2	0	48	+8	NW	1	-	omr	1	0.4	54	40	bz	om	omd. or. e	*
	Liverpool (Bidston)	1023.5	45	NNW	1	b	1023.0	-1	43	+3	NW	1	-	r	1	1	49	40	bm	bm	op	8.5
	Holyhead	1024.5	47	NE	4	bog	1022.8	-1	45	+4	-	0	-	omd	0	0.4	52	40	bc.c.bc	bc.c.b	c. om	7.3
	Pembroke (St. Ann's)	1023.4	47	NNE	1	b	1023.8	0	45	+3	NNW	1	-	ogp	1	0.1	52	42	bm	bm	bm	10.9
	Scilly (St. Mary's)	1021.1	48	NE	3	bcm	1023.6	+1	46	-2	N	1	N	om	3	-	52	43	bcm	bcm	bcm	11.3
	Falmouth	1021.3	48	SE	3	bc	1022.4	0	45	-2	N	3	-	c	3	-	52	40	b.bc.o	a.c.bc	bc.c.o	8.0
	Jersey (St. Aubin)	1019.6	49	NE	4	b	1021.6	*	46	+1	NE	3	-	b	3	3	51	40	op.o	bc.b	bw.c	6.3
	Portland Bill	1021.3	46	E	2	bc	1022.3	0	44	+2	NNE	4	NE	bc	2	-	50	38	bc.c	c.og	bc	*
	Dungeness	1020.3	46	ENE	5	b	1020.3	0	42	-2	NNE	3	NE	b	2	-	51	32	a.bc	bc	bc	*
	Dover	1021.1	43	N	6	b	1020.3	0	45	0	N	5	N	bc	4	-	51	36	o.c.bc	bc.b	b.bc	10.1
	Wick	1019.8	45	S	1	r	1019.8	+2	48	+4	WNW	2	-	o	2	3	60	44	omp	omdp	omdp	*
	Nairn	1020.5	47	W	1	or	1020.6	*	51	+5	W	2	-	cg	2	2	56	42	o.c	cg	p.c	0.0
	Aberdeen	1020.9	45	S	4	o	1020.8	+1	47	+5	-	0	-	omd	2	2	48	42	o	o	omr	0.1
	Leith	1021.5	53	W	2	o	1020.9	0	48	+7	W	2	-	r	*	2	56	41	og.o	o	o	*
	Tynemouth	1023.6	44	SE	2	c	1021.1	-1	45	+4	WNW	2	-	om	3	-	49	40	bc	bc	cm	*
	Spurn Head	1024.8	47	ENE	4	bc	1022.6	0	42	-1	E	1	-	c	4	-	51	38	c	bc	bc	7.1
	Yarmouth	1023.6	45	NE	3	bu	1021.9	0	44	-1	NNE	3	NE	o	2	-	49	41	c.b	bu	bc.b.o	11.5
	Clacton-on-Sea	1021.6	47	NNE	4	b	1021.2	0	41	-2	NNE	3	NE	c	2	-	49	35	c.bc	bc.b	b.bc.c	9.7
	Nottingham	1023.2	47	E	3	b	1022.4	*	33	-7	-	0	NE	cm	*	-	51	29	o.c	c.b	bm	6.7
	Bath	1022.0	51	E	2	bc	1022.8	*	36	-4	N	1	NE	o	*	-	53	31	o	o.c.bc	bc.b. om	3.6
	London (Kew Obsy.)	1021.8	49	E	2	cm	1022.2	0	38	-6	NNW	1	-	om	*	0.3	52	33	om. omr.	om.c.cm	cm. b. om	1.9
	Spitsbergen	979.3	25	E	8	o	979.5	+3	19	-6	E	9	*	o	*	*	28	19	*	*	*	*
	Isafjord	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*
	Reykjavik	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*
	Vestmanna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*
	Seydisfjord	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*
	Thorshavn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*
	Vardö	1016.3	37	SE	2	bc	1001.1	0	37	+1	SW	6	-	o	3	*	39	30	*	*	*	*
	Bodö	1009.7	41	SW	4	c	1004.8	-3	39	+2	E	9	-	r	5	1	43	34	*	*	*	*
	Christiansund	1017.1	45	-	0	o	1015.0	+1	43	+6	SW	2	-	r	3	1	46	37	*	*	*	*
	Skudesnaes	1024.4	46	-	0	o	1023.3	-1	43	+4	-	0	-	o	2	-	46	37	*	*	*	*
	Færder (Xania Fjord)	1023.0	41	WSW	1	b	? 1021.6	-1	41	+2	-	0	-	b	0	-	45	37	*	*	*	*
	The Scaw (Skagen)	1022.9	43	-	0	b	1021.0	0	43	+4	E	1	-	b	0	-	46	39	*	*	*	*
	Blaavands Huk	1022.1	43	NNE	3	b	1020.3	0	43	+4	NNE	2	-	b	2	-	45	32	*	*	*	*
	Haparanda	1019.1	34	WSW	4	b	1013.3	-6	36	-3	SSW	6	-	b	*	-	41	32	*	*	*	*
	Hernösand	1023.5	36	W	2	b	1019.3	-1	41	+2	SW	2	-	b	*	-	45	28	*	*	*	*
	Stockholm	1022.6	45	SE	2	b	1021.2	-2	43	-2	E	2	SW	bc	*	-	54	32	*	*	*	*
	Wisby	1012.6	43	NE	2	b	1018.9	-2	46	+3	ENE	2	SW	b	*	-	50	36	*	*	*	*
	Karlstad	1022.7	50	-	0	b	1022.0	-1	39	+2	WNW	2	-	b	*	-	52	27	*	*	*	*
	Petrograd (5 a.m. G.M.T.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*
	The Helder	1021.0	46	NNE	5	b	1019.5	0	45	0	NNE	4	-	b	2	-	46	41	*	*	*	*
	Brussels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*
	C. Gris Nez	1019.1	45	NE	6	b	1019.3	0	45	+2	NNE	6	*	b	5	-	50	41	*	*	*	*
	La Hève	1018.3	45	NE	3	b	1018.0	*	42	+1	NNE	3	*	c	4	-	55	39	*	*	*	*
	Ushant	1019.4	50	NE	4	c	1022.1	*	48	*	NE	4	*	b	3	-	54	43	*	*	*	*
	Brest (St. Mathieu)	1019.7	50	NNE	4	bc	1022.9	0	45	-3	NNE	3	*	b	1	-	57	39	*	*	*	*
	Roche fort (Ile d'Aix)	1014.7	53	NE	4	bc	1016.4	0	45	+1	NE	5	*	bc	*	-	59	41	*	*	*	*
	Biarritz	1014.3	52	NNW	3	bc	1015.0	+1	46	-3	ESE	1	*	b	2	-	57	43	*	*	*	*
	Paris	1015.7	50	NNE	4	o	1016.2	+1	43	0	N	3	-	o	*	-	55	41	*	*	*	*
	Belfort	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*
	Lyons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*	*	*	*	*
	Nice	1007.9	48	-	0	bc	1009.2	+2	50	0	-	0	*	c	2	-	63	41	*	*	*	*
	Perpignan	1010.7	54	NW	2	c	1012.3	+1	48	*	NW	3	-	b	*	-	61	43	*	*	*	*
	Sanguinaire	1006.3	56	W	4	c	1008.4	*	55	+1	SE	3	*	c	3	-	63	48	*	*	*	*
	Corunna (7 a.m.)	1014.9	57	NE	6	b	1017.0	+2	5													

RAINFALL.

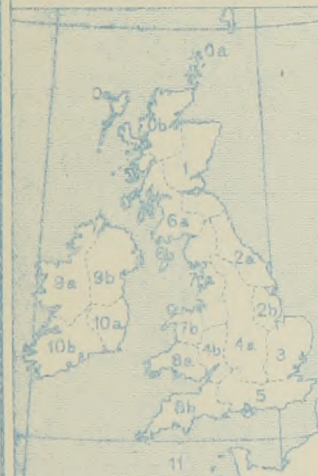
Equivalents of Millimetres.
in Inches.

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



FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

Western Channel and Bay 11

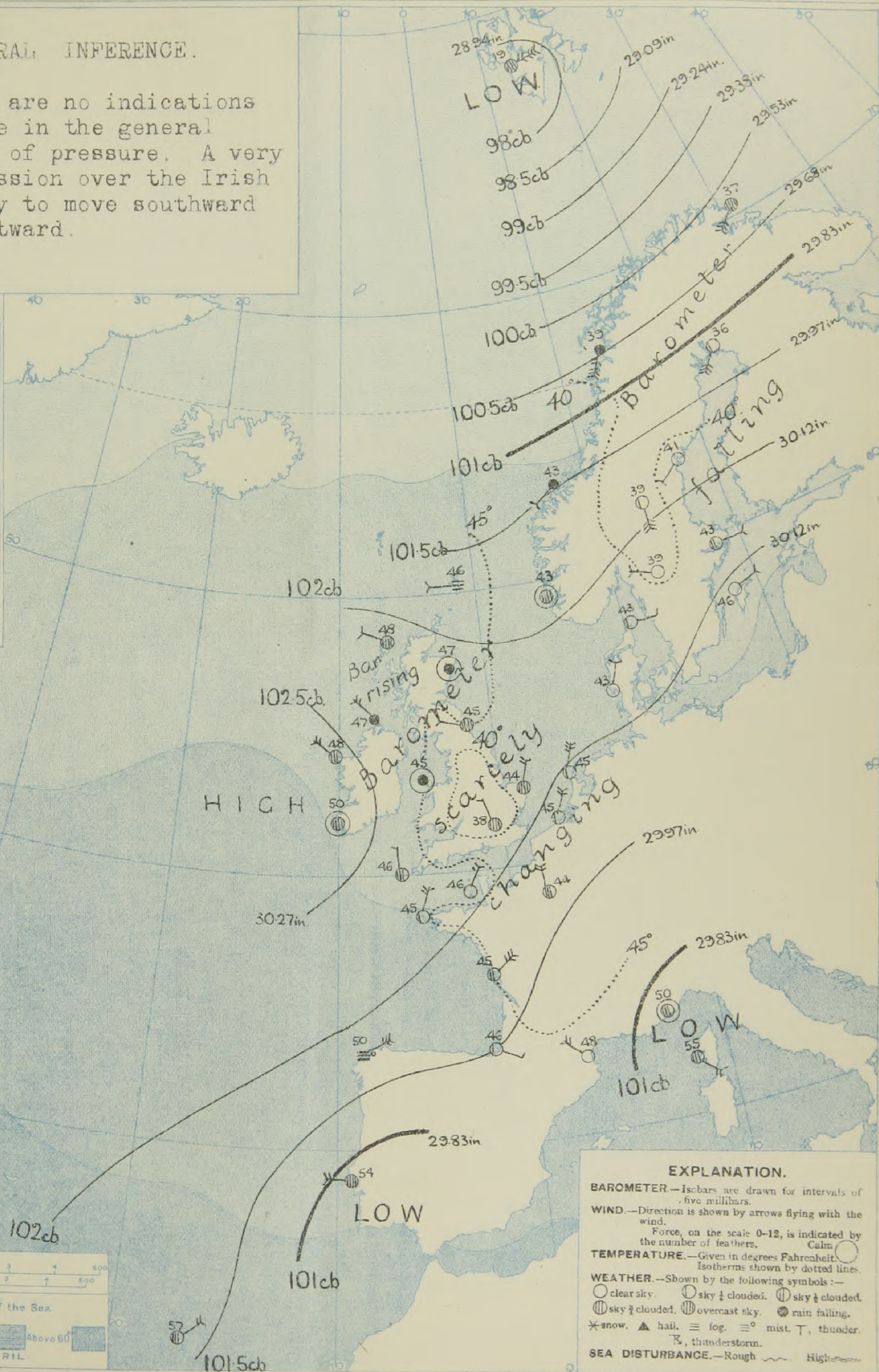
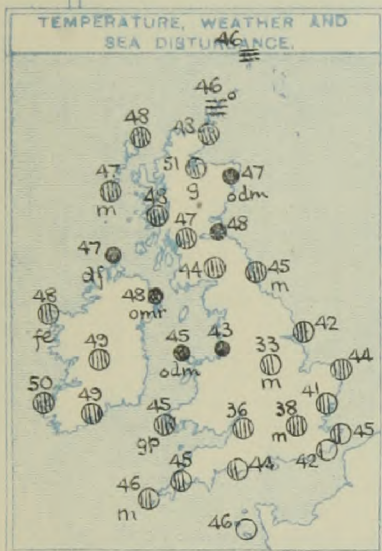
- | | | | |
|----|---|---|--|
| 0 | a | } | North-Westerly and Westerly winds, light or moderate; some fog and rain; cool. |
| | b | | |
| 1 | a | } | North-Westerly winds, light; cloudy or overcast, some mist or rain locally, then fairer; no important change of temperature. |
| | b | | |
| 2 | a | } | Wind mainly Northerly, light; a good deal of cloud, some rain in places later; temperature continuing rather low. |
| | b | | |
| 3 | a | } | Same as Nos. 1 and 2. |
| | b | | |
| 4 | a | } | Wind mainly Northerly, light; mostly cloudy or overcast, some rain and mist in places, fairer later; no great change of temperature. |
| | b | | |
| 5 | a | } | Northerly winds, light; fair to dull; sea slight or smooth. |
| | b | | |
| 6 | a | } | |
| | b | | |
| 7 | a | } | |
| | b | | |
| 8 | a | } | |
| | b | | |
| 9 | a | } | |
| | b | | |
| 10 | a | } | |
| | b | | |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., SATURDAY, 24th APRIL, 1915.

GENERAL INFERENCE.

There are no indications of any change in the general distribution of pressure. A very slight depression over the Irish Sea is likely to move southward or south-eastward.



EXPLANATION.

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

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

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

WEATHER.—Shown by the following symbols:—

- clear sky.
- ◐ sky 1/4 clouded.
- ◑ sky 1/2 clouded.
- ◒ sky 3/4 clouded.
- ◓ overcast sky.
- ⊙ rain falling.
- * snow.
- ▲ hail.
- ≡ fog.
- ≡ mist.
- ⚡ thunder.

SEA DISTURBANCE.—Rough High

DAILY WEATHER REPORT.

Saturday, 24th April, 1915.

REPORTS
FOR
YESTERDAY.

23rd April 1915.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		° F.	° F.						° F.	° F.			
Scot- land.		mm. §				Hr.	(Tunbridge Wells ...						
Oban ...	—	58	36	or	o	1.8	Margate ...	0.3	52	40	c. bc	bz	6.6
Banff ...	0.3	55	39	o	o	0.4	Ramsgate ...	—	48	42	r. bc	bc	9.5
St. Andrews ...	—	57	32	*	*	0.1	Folkestone ...	—	50	43	b. bc	b. bc	9.6
Eng. N.E.							Hastings ...	—	51	42	o. c	b	6.1
Harrogate ...	—	52	31	c. bc	bc. b	9.4	Bexhill-on-Sea ...	0.3	51	42	o	b	5.9
Scarborough ...	*						Eastbourne ...	—	51	43	o. bc. o	bc. b	7.2
Skegness ...	—	48	39	o. bc	b. bc	8.5	Seaford ...	—					
Eng. N.W.							Brighton ...	3	55	42	c. bc	bc. b	8.1
Morecambe ...	—	50	36	bc. b	b. bc	9.3	Worthing ...	—	52	42	b	b	5.6
Blackpool ...	—	53	32	bc. b	b	10.1	Littlehampton ...	1	51	*	c. bc. r	r. bc. b	4.8
Southport ...	—	51	32	c. bc	b. bc. c	11.7	Bognor ...	2	51	42	b. op	c. b	6.4
Midlands							Southsea ...	—	52	43	o	c. b	3.4
Buxton ...	—	48	32	bc	bc	8.3	Bournemouth ...	0.3	49	40	o. c	o. cm	1.5
Leamington Spa ...	—	52	38	c. bc	c. bc	5.0							
Malvern ...	1	51	37	o	c	3.0							
Ross-on-Wye ...	0.3	52	37	om	bc. bz	5.3							
Wales.							Weymouth ...	1	50	42	bc. c	c. bc. cm	2.0
Rhyl ...	—	48	34	bc	bc	6.5	Torquay ...	1	63	43	bc	bc. c. o	7.7
Colwyn Bay ...	—	48	35	bc	bc	8.5	Paignton ...	0.3	53	43	bc	bc. c	6.9
Llandudno ...	—	52	38	m. c. b	bc. c	10.0	Falmouth ...	—	52	46	b. bc. o	o. c. bc	8.0
Aberystwyth ...	—	52	38	m. c. b	bc. c	10.3	Penzance ...	1	56	48	b	bc	10.5
Tenby ...	0.1	52	41				Newquay ...	1	51	43	b	b. bz	10.5
Swansea ...	—						Ilfracombe ...	0.3	52	43	bc. b	bc. bz	10.2
England, E.							Weston-super-Mare ...	3	52	40	bc. b	b. bc. b	4.5
Cromer ...	0.3	50	38	c. bc	bc. c	9.7							
Lowestoft ...	0.3	48	41	b	b	10.8							
Felixstowe ...	0.3	48	39	bc	bc	10.0							
Walton-on-Naze ...	1	47	42	bc	b	10.0							
Southend-on-Sea ...	1	50	42	op. bc	b	7.8							

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
				Max.	Min.								Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.																			
Greenwich (Royal Obs.) ...	54	74	Hr.	° F.	° F.	° F.	mm. §	c. or	c. bc	bc. bc	Dublin to 4 p.m.	mm §	° F.	° F.	F.	bm. c	c. b	b	°
City (Bunhill Row) ...	*	*	2.3	*	*	*	*	*	*	*	Darwen to 9 p.m.	-	54	37	34	bc	bc	bc	7.9
Westminster (St. James's Pk.)	58	71	2.3	52	38	32	-	or. bc	bc. o	bc	Manchester	-	51	31	28	b. bc	bc. b	b. c. bm	5.5
Camden Sq. (Brit. Rainfall)	56	68	2.7	55	35	28	Trace	o. c	c. bc	*	Birmingham "	-	52	37	*	c	o. c	c	3.0
Hampstead (Reservoir) ...	*	72	3.0	49	33	23	-	bc p	bc	bc. c	Oxford to 9 p.m.	*	50	36	31				*
Richmond Park ...	*	*	1.3	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Teignmouth to 9 p.m.								
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.			Plymouth								
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				892 Joules		17.4 Milliwatts.		58 Milliwatts.			S. Kensington	1	52	43	35	o. cm	op. o. bc	bc. c. bc	*
S. Kensington (Roof of M.O.)	54	63	2.0								(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.

24th & 25th April, 1915.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.39	11.51	7.2
Greenwich ...	4.37	11.51	7.4
Wick ...	4.40	11.58	7.7
Valencia ...	4.47	11.58	7.9
	4.41	12.10	7.40
	4.38	12.10	7.42
	5.29	2.39	7.50
	5.27	2.37	7.52

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 61° at Birr Castle, but remained below 50° over a large area in Great Britain. Bright sunshine was very prevalent except in Scotland and locally elsewhere. Slight rain fell in the west and north.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 115.

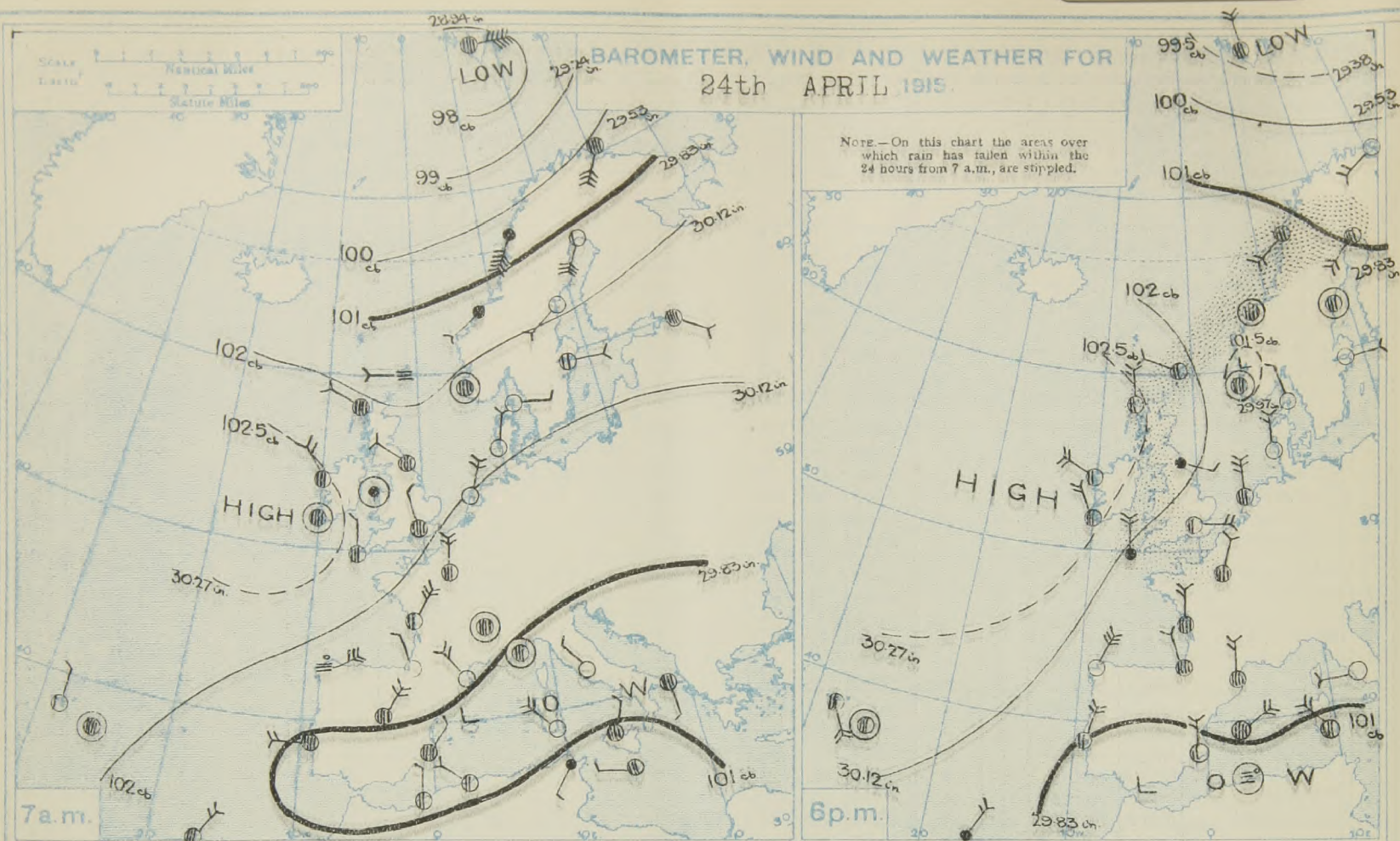
Sunday
25th April 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1012.3	47	WNW	2	bc	1012.1	0	45	-1	S	2	om	1	0.2	49	40	fd. om	bc	bc	*	
	Deerness	1013.2	47	WNW	1	b	1013.1	+	46	0	W	3	om	2	Trace	50	40	m.o	o.c. bc	b. bc. om	2.0	
	Stornoway	1025.1	51	N	3	bc	1023.1	+2	47	-1	WNW	2	om	2	0.3	52	48	c.o.c	c. bc	c. adp	5.8	
	Castlebay (Barra Isd.)	1026.3	49	N	4	b	1023.5	+1	47	0	W	3	om	3	-	52	46	om. c.o.c	c. b	b. o.c.o	8.2	
	Glasgow	1022.9	50	E	2	o	1027.4	+2	44	-3	ENE	1	b	*	1	51	41	adp. c.o	c. adp. o	adp. bc	2.4	
	Eskdalemuir	1022.4	48	NE	3	ad	1026.2	+1	42	-2	NNE	4	c	*	0.2	56	37	om. o	c. ad	ad. o.c	0.0	
	Malin Head	1025.6	47	NE	4	c	1023.0	+1	46	-1	NNE	3	cg	3	-	50	45	f	bc	cg	6.5	
	Blacksod Point	1026.5	49	WNW	4	bc	1023.1	0	47	-1	N	5	em	3	Trace	51	44	f	bc	bc	*	
	Valencia	1025.4	52	WNW	3	c	1025.0	+1	49	-1	NE	3	bc	3	-	57	47	f	bc	bc	2.0	
	Roche's Point	1023.2	58	N	3	c	1024.3	*	49	0	NNE	2	o	1	-	59	49	c.o	o.c	c.o	*	
	Birr Castle	1024.3	53	WNW	3	o	1026.3	*	47	-2	N	3	o	*	1	60	46	op	c	o	2.1	
	Donaghadee	1021.7	49	WNW	4	cm	1026.4	+2	46	-2	NNE	3	bc	2	-	52	45	c	bc	cg. bc	*	
	Liverpool (Bidston)	1020.8	47	NE	1	o	1023.9	+2	45	+2	NE	2	bc	1	1	49	43	ad	cg	b. bc	0.0	
	Holyhead	1024.4	48	N	5	og	1024.2	+2	47	+2	NE	4	b	4	1	48	45	ad	of om	o.c. bc	0.0	
	Pembroke (St. Ann's)	1020.3	47	N	4	o	1022.8	+1	45	0	ENE	1	cm	2	1	47	44	ogp	ogp	og	0.0	
	Scilly (St. Mary's)	1019.7	43	N	4	adm	1019.7	+1	47	+1	ENE	3	bc	4	1	51	46	cm	omd	om	0.0	
	Falmouth	1018.5	47	N	3	r	1019.7	+2	42	-3	NNE	3	b	3	1	53	41	c.o	or	ad. bc	0.2	
	Jersey (St. Aubin)	1013.6	48	N	3	og	1017.3	*	45	-1	N	3	o	3	Trace	52	42	bc. b	c. og	o.c. bc	8.7	
	Portland Bill	1018.5	48	NNE	1	o	1018.8	0	42	-2	NE	4	b	3	2	50	39	bc	c. or	c. bc	*	
	Dungeness	1017.6	47	NNE	5	b	1015.3	0	44	+2	N	5	o	4	3	53	41	b. bc. b	b	bc. or	*	
	Dover	1013.3	43	N	5	bc	1015.7	0	44	-1	NNE	6	r	6	5	52	39	bc. b	b	v. bc. or	13.2	
Wick	1024.2	47	WNW	3	c	1026.5	+1	44	-4	W	1	NE	1	0.2	51	35	o	o. cm	c. b. om	*		
Nairn	1024.8	49	-	0	c	1027.4	*	44	-7	-	0	em	1	0.3	55	35	c. bc. c	cg	cgw	0.1		
Aberdeen	1024.1	48	NNE	3	o	1027.3	0	43	-4	W	3	W	1	Trace	53	36	adm. o	op	c. bc. b	0.0		
Leith	1022.5	48	E	2	r	1027.2	+2	45	-3	ENE	2	b	*	2	58	42	o	o. or	ad. o	*		
Tynemouth	1021.0	46	ESE	1	o	1024.8	0	44	-1	NE	3	o	4	1	48	42	omd	omd	op	*		
Spurn Head	1021.5	46	E	2	bc	1022.6	+4	45	+3	NE	4	NE	4	1	49	40	c	bc	bc	0.0		
Yarmouth	1019.7	45	NNE	3	b	1019.6	+2	45	+1	NNE	5	NE	3	1	50	42	o. b	b	bc	4.6		
Clacton-on-Sea	1018.5	47	E	4	b	1017.5	0	44	+3	NNE	5	cg	4	1	50	40	c. bc	c. b	b. bc. c	8.4		
Nottingham	1020.8	46	ENE	2	c	1022.5	*	42	+9	NE	3	NE	*	1	48	33	em. or	r. o. c	c. b	0.3		
Bath	1019.6	47	ENE	1	r	1021.3	*	41	+8	ENE	1	b	*	2	57	32	m. b. bc	g. or	r. o. b	3.8		
London (Kew Obsy.)	1018.0	49	E	3	bc	1019.0	+1	41	+3	NNE	4	NE	*	-	52	37	m. bc. bc	o. c. bc. bc	b. bc. bc	4.1		
ICELAND, FAEROE, &c.	Spitsbergen	987.5	16	E	7	o	994.1	+9	9	-10	N	4	*	*	*	19	5	*	*	*	*	
	Isafjord												*	*	*	*	*	*	*	*	*	
	Reykjavik												*	*	*	*	*	*	*	*	*	
	Vestmanna												*	*	*	*	*	*	*	*	*	
	Seydisfjord												*	*	*	*	*	*	*	*	*	
NORTHERN EUROPE.	Thorshavn												*	*	*	*	*	*	*	*	*	
	Vardö	1001.0	36	SW	3	b	1001.2	0	36	-1	W	4	b	3	*	41	36	*	*	*	*	
	Bodö	1011.4	37	SW	4	c	1011.4	0	37	-2	SW	4	c	2	2	41	34	*	*	*	*	
	Christiansund	1019.5	41	-	0	o	1020.6	-1	43	0	WSW	4	o	3	5	44	39	*	*	*	*	
	Skudesnaes	1014.6	43	-	0	o	1022.4	0	43	0	N	5	c	2	-	43	39	*	*	*	*	
	Færder (X'ania Fjord)	1013.9	43	WSW	2	b	1020.7	+2	41	0	NNE	1	b	0	-	46	39	*	*	*	*	
	The Scaw (Skagen)	1013.9	45	WNW	1	b	1020.6	+1	46	+3	WNW	1	b	0	-	50	32	*	*	*	*	
	Blaavands Huk	1013.3	46	N	3	b	1020.3	0	43	0	NNE	2	b	2	-	46	32	*	*	*	*	
	Haparanda	1009.0	36	SW	4	c	1011.0	0	39	+3	N	4	b	*	2	39	32	*	*	*	*	
	Hernösand	1015.8	43	-	0	c	1013.3	0	46	+5	SW	2	b	*	-	48	37	*	*	*	*	
FRANCE, &c.	Stockholm	1017.7	46	E	2	b	1017.0	+1	48	+5	-	0	b	*	-	52	34	*	*	*	*	
	Wisby	1017.3	39	NNE	4	b	1019.9	+2	39	-7	N	2	b	*	-	48	36	*	*	*	*	
	Karlstad	1016.7	50	SW	2	b	1021.1	0	39	0	-	0	b	*	-	55	28	*	*	*	*	
	Petrograd (G.M.T.)	1013.9	45	ENE	1	b	1015.9	+4	41	-2	-	0	o	*	-	48	36	*	*	*	*	
	The Helder	1016.8	46	N	3	c	1017.6	+1	48	+3	NE	6	o	5	-	48	45	*	*	*	*	
	Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	C. Gris Nez	1016.7	45	NNE	6	b	1013.9	0	44	-1	NE	8	*	*	7	50	43	*	*	*	*	
	La Hève	1013.5	45	NNE	3	b	1018.6	*	42	0	NNE	5	*	*	5	55	39	*	*	*	*	
	Ushant	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Brest (St. Mathieu)	1019.5	50	N	3	m	1018.9	0	41	-4	NE	3	m	1	-	59	39	*	*	*	*	
FRANCE, &c.	Rochefort (Ile d'Atx)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Biarritz	1015.1	50	N	2	o	1014.0	0	45	-1	E	2	b	2	-	55	43	*	*	*	*	
	Paris	1014.3	45	NNE	3	r	1013.1	+1	41	-2	ENE	2	o	*	7	50	39	*	*	*	*	
	Belfort	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Nice	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Perpignan	1011.8	54	N	3	o	1013.2	+2	50	+2	W	1	b	*	-	61	45	*	*	*	*	
	Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Corunna (7 a.m.)	1017.1	54	NE	6	b	1016.3	-2	45	-5	SE	1	r	2	*	55	45	*	*	*	*	
	Madrid (8 a.m.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SOUTHERN EUROPE.	Lisbon (9 a.m.)	1009.3	59	NNE	4	bc	1012.0	+2	50	-4	W	2	b	2	-	63	48	*	*	*	*	
	Gibraltar	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Rome	1011.7	51	W	1	b	1011.8	0	50	0	N	1	b	*	-	68	48	*	*	*	*	
	Azores (Horta, 8 a.m.)	1021.6	*	ESE	4	c	1020.6	0	56	-3	W	1	b	1	-	64	54	*	*	*	*	
SOUTHERN EUROPE.	Madeira (Funchal)	1024.3	61	NE	3	r	1020.0	+2	57	0	N	3	c	3	-	64	55	*	*	*	*	

RAINFALL.
Equivalents of Millimetres.
in inches.

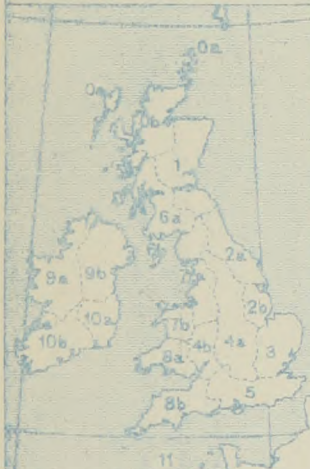
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
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.



FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

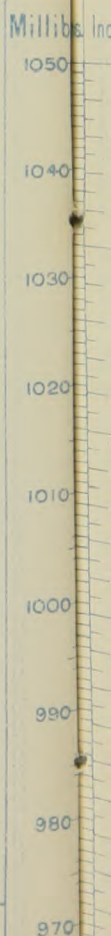
Western Channel and Bay 11

- | | | |
|----|------------|--|
| 0 | a }
b } | Westerly winds, light or moderate; some mist and showers; moderate temperature. |
| 1 | a }
b } | Northerly or North-Easterly winds, light or moderate; mostly fair; cool. |
| 2 | a }
b } | Northerly or North-Easterly winds, light or moderate; mostly fair; cool. |
| 3 | a }
b } | Wind between North and North-East, moderate to fresh or strong; mostly fair, some local showers; cold. |
| 4 | a }
b } | Wind between North and North-East, moderate to fresh or strong; mostly fair, some local showers; cold. |
| 5 | a }
b } | Wind between North and North-East, moderate to fresh or strong; mostly fair, some local showers; cold. |
| 6 | a }
b } | Variable or North-Westerly winds, light; mostly fair; cool. |
| 7 | a }
b } | Variable or North-Westerly winds, light; mostly fair; cool. |
| 8 | a }
b } | Northerly or North-Easterly winds, light or moderate; mostly fair; temperature rather low. |
| 9 | a }
b } | Northerly or North-Easterly winds, light or moderate; mostly fair; temperature rather low. |
| 10 | a }
b } | Northerly or North-Easterly winds, light or moderate; sea moderate or slight; mostly fair. |
| 11 | a }
b } | Northerly or North-Easterly winds, light or moderate; sea moderate or slight; mostly fair. |

FURTHER OUTLOOK.

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

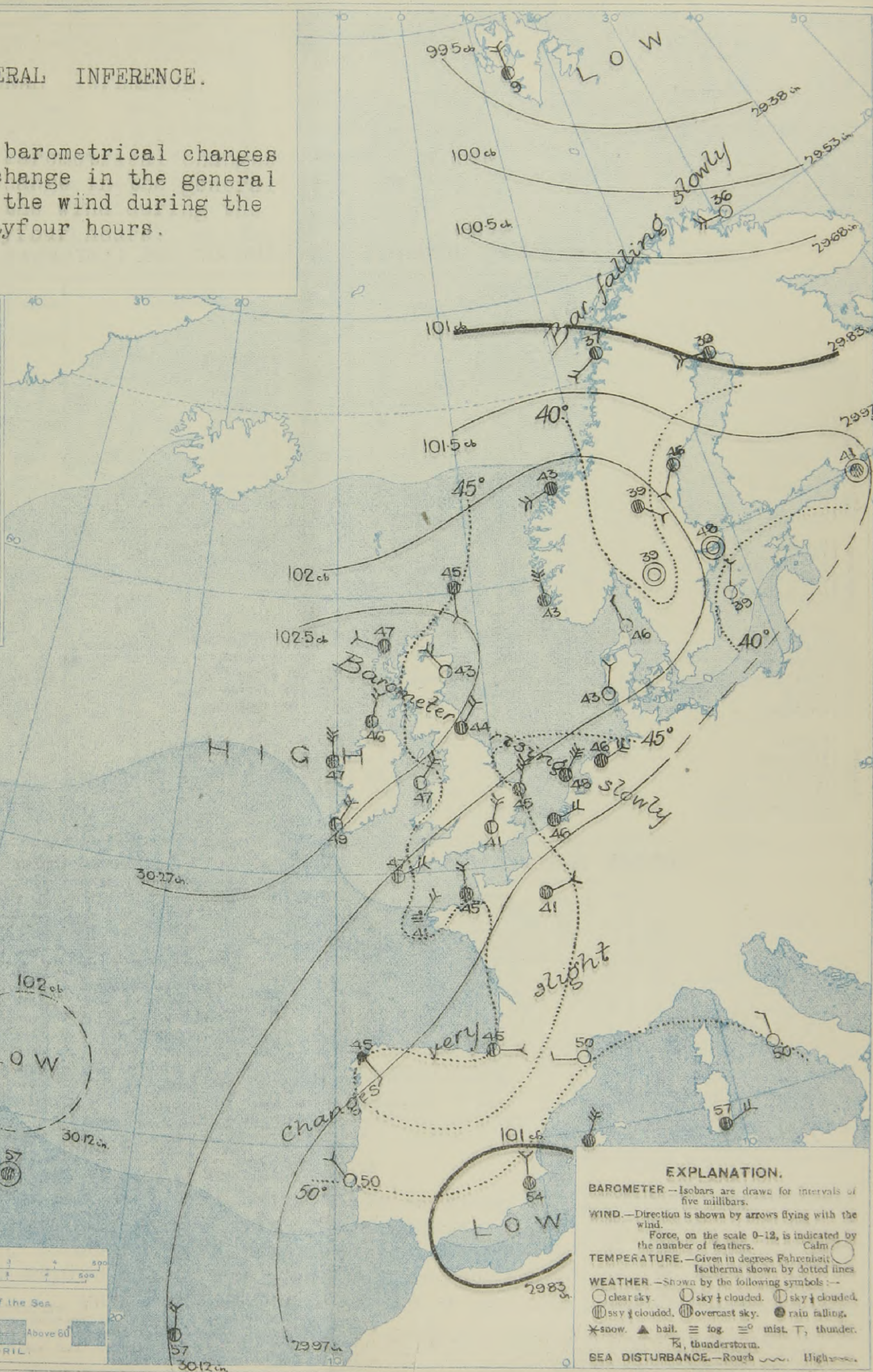
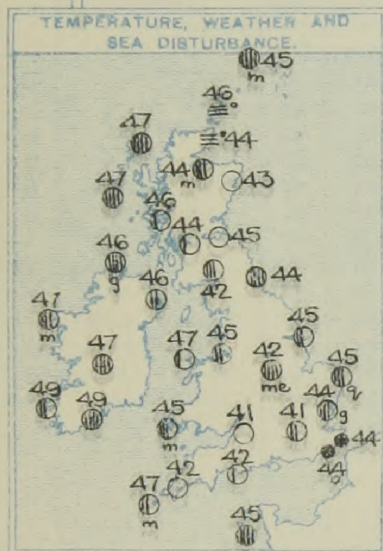
W. N. SHAW, Director



SYNOPTIC CHART FOR 7 a.m., SUNDAY, 25th APRIL, 1915.

GENERAL INFERENCE.

The barometrical changes indicate no change in the general direction of the wind during the ensuing twentyfour hours.



EXPLANATION.

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

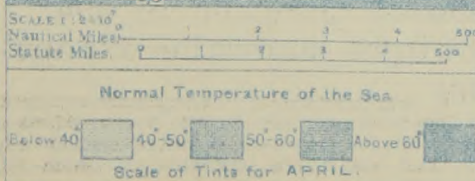
WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0-12, is indicated by the number of feathers. Calm.

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

WEATHER.—Shown by the following symbols:—
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.
⊙ sky 1/2 clouded. ⊙ overcast sky. ● rain falling.

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

SEA DISTURBANCE.—Rough wavy. High.



DAILY WEATHER REPORT.

Sunday, 25th April, 1915.

REPORTS FOR YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	Sea 0-9.	TEMP.	
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Rain- fall. Milli- metres.	Sea 0-9.			Max.	Min.
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.								
	Petrograd	1025.3	46	E	1	o	1024.6	0	43		SE	2	-	o	*	-	50	36		
	Lyons	1012.0	41	NNW	3	o	1012.8	*	41		-	0	*	o	*	1	46	39		
	Madrid	1006.0	63	WNW	1	b	1013.2	+1	43	-5	NE	4	W	o	*	-	64	39		
	Rome	1008.7	55	-	0	b	1009.6	+1	50	-5	-	0	-	b	*	4	68	48		
24th April 1915																				

24th April 1915.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.	
Scot- land.	Oban	2	56	43	o.c	b	5.0	Tunbridge Wells	—	54	32	o	b	5.1
	Banff	3	50	46	mg	g	0.0	Margate	—	47	42	b	b	11.8
	St. Andrews	—	—	—	*	*	—	Ramsgate	—	48	40	bc	b	11.3
Eng. N.E.	Harrogate	1	46	38	r.o	o	0.0	Folkestone	—	52	28	b bc	b bc	12.3
	Scarborough	*	—	—	—	—	—	Hastings	—	53	26	bc b	b	10.0
	Skegness	—	47	25	bc o	o bc	4.4	Bexhill-on-Sea	—	53	35	bc b	b	6.6
	—	—	—	—	—	—	—	Eastbourne	—	54	26	b	bc o bz	8.8
Eng. N.W.	Morecambe	1	57	43	od bc	bc	1.1	Seaford	—	54	35	b	bc b	9.0
	Blackpool	0.3	53	32	od	o c	0.7	Brighton	—	54	36	bc c	c bc	3.4
	Southport	1	51	41	or	p o	0.0	Worthing	—	52	36	b bc	bc c	4.1
	—	—	—	—	—	—	—	Littlehampton	—	53	*	bc	bc	2.9
Midlands.	Buxton	2	48	32	cr	cr	0.0	Bognor	0.3	53	36	o bc	o bc	3.8
	Leamington Spa	1	53	31	bc omd	omd	2.4	Southsea	—	—	—	—	—	—
	Malvern	2	53	37	b ome	o	0.3	Bournemouth	0.3	54	32	c	c o	4.0
	Ross-on-Wye	1	55	32	o	md om	0.7	—	—	—	—	—	—	—
Wales.	Rhyl	3	48	38	p	c	0.1	Weymouth	2	55	25	bc b	bc c or	4.0
	Colwyn Bay	—	—	—	—	—	—	Torquay	—	55	35	o c bc	p c o	3.3
	Llandudno	—	—	—	—	—	—	Paignton	Trace	57	37	b bc	bc c od	2.2
	Aberystwyth	2	47	41	m or	r o	0.0	Falmouth	1	53	40	c o	or	0.2
	Tenby	2	50	36	c ap	o bcp	0.0	Penzance	1	55	41	c	or	0.0
	Swansea	—	—	—	—	—	—	Newquay	1	49	35	og	o omr	0.0
England, E.	Cromer	—	49	40	bc	bc	8.5	Ilfracombe	1	53	40	og	m	0.0
	Lowestoft	—	—	—	—	—	—	Weston-super-Mare	—	—	—	—	—	—
	Felixstowe	—	48	35	bc	bc	8.6	—	—	—	—	—	—	—
	Walton-on-Naze	—	48	34	c bc	b	9.6	—	—	—	—	—	—	—
Southend-on-Sea	—	53	35	c o bc	bc b	6.8	—	—	—	—	—	—	—	

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	%	%	Hr.	° F.	° F.	° F.	mm. §	b. bc	bc. c	bc. o
City (Bunhill Row) ...	*	*	4.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	57	75	2.9	53	40	35	~	ba	bc	c. or
Camden Sq. (Brit. Rainfall)	52	70	?	56	28	33	~	bc	-	*
Hampstead (Reservoir) ...	*	71	4.0	50	35	24	~	bc	c. o	o. od
Richmond Park	*	*	4.2	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	49	72	3.6	1171 Joules		22.8 Milliwatts.		70 Milliwatts.		

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

25th & 26th April 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.37 4.35	11.51 11.51	7.4 7.6
Greenwich ...	4.47 4.45	11.58 11.58	7.9 7.1
Wick ...	4.28 4.25	12.10 12.10	7.42 7.45
Valencia ...	5.27 5.25	12.39 12.39	7.52 7.54

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

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm §	° F.	° F.	F.				Hr.
Dublin to 4 p.m.	1	60	45	41	bc. or	org	bc. o	*
Darwen to 9 p.m.								
Manchester "	1	47	43	*	c	bc. od	od. c	0.0
Birmingham "	1	52	36	24	*	c	or	0.3
Oxford to 9 p.m.	¶	53	32	25	b. b. m	bm. c. c	o	6
Teignmouth to 9 p.m.	0.3	56	39	35	bc	bc. c	cp	2.0
Plymouth "	1	54	39	30	o	bc	bc	1.5
S. Kensington (Museum Grounds to 6 p.m.)	~	53	37	28	b. bc	bc. c. o.	c. bc	*

NOTES ON YESTERDAY'S WEATHER.

Temperature failed to reach 50° in several parts of the Kingdom, and rose above 55° at a very few stations, but touched 61° at Glasgow. Slight rain was experienced over a considerable portion of the Kingdom, and there was little bright sunshine except in the south-east, and at Castlebay.

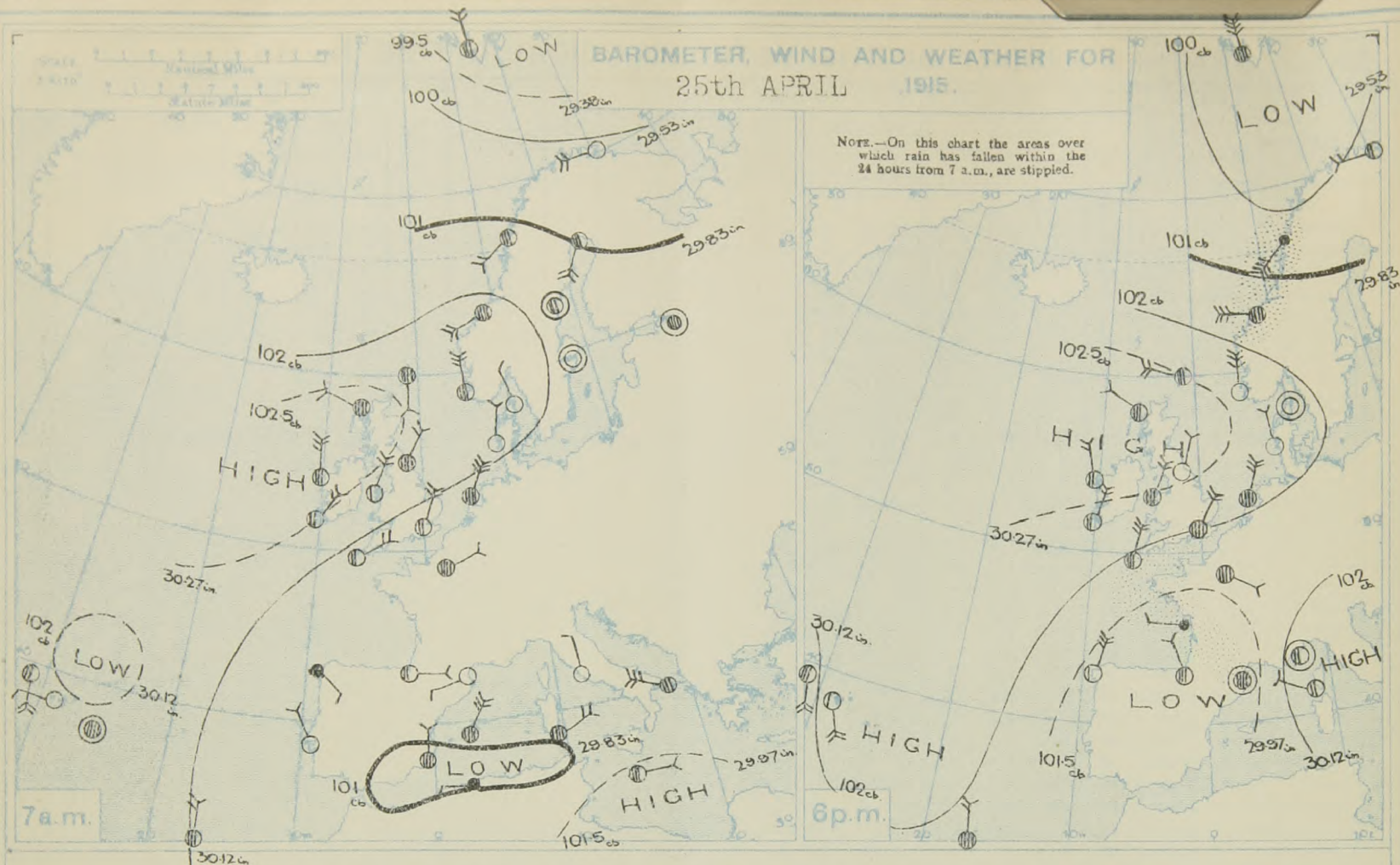
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DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Dir. of Upper Cloud.	Weather.	Sea. 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Dir.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.																						
	Lerwick ...	1025.0	47	WNW	4	c	1029.6	+2	45	0	NW	3	m	2	0.1	50	43	c	em	m	0.2	
	Deerness ...	1027.4	47	WNW	4	o	1031.1	0	44	-2	WNW	3	o	2	0.1	50	43	m.s	o	o	0.2	
	Stornoway ...	1029.6	48	NW	2	c	1032.6	+1	46	-1	N	1	oe	1	0.1	53	45	c.o.c	c.o.c	ca	1.6	
	Castlebay (Barra Isd.) ...	1028.8	46	NW	4	om	1031.0	+1	45	-2	S	2	bm	2	0.1	49	43	c.o.c	op.c	op.c	2.3	
	Glasgow ...	1027.4	54	NE	2	bc	1030.8	+3	44	0	ENE	2	o	0	0.1	58	41	b.be	b	bc	11.9	
	Eskdalemuir ...	1027.1	48	NE	3	bc	1030.5	+2	42	0	NE	4	o	0	0.1	54	41	o.be	c.be	bc	10.2	
	Malin Head ...	1028.7	46	N	4	om	1029.4	0	46	+1	E	2	om	2	0.1	50	44	bc	bc	om	2.0	
	Blacksod Point ...	1028.6	47	WNW	3	bc	1029.2	0	45	-2	N	4	NE	4	0.1	51	44	bc	bc	bc	0.0	
	Valencia ...	1024.4	54	N	4	bc	1025.4	+1	48	-1	ENE	2	o	3	0.1	57	45	cy	bc	bc	7.0	
	Roche's Point ...	1024.6	54	ESE	3	b	1026.1	0	45	-4	ENE	2	o	1	0.1	57	42	d.ang	cy	b.o	0.0	
	Birr Castle ...	1025.4	55	NE	2	b	1028.3	0	45	-2	NE	2	b	0	0.1	59	43	c	b	b	3.7	
	Donaghadee ...	1026.0	50	N	4	bc	1029.4	+2	45	-1	SE	3	cy	2	0.1	51	44	bc	bc	bc	0.0	
	Liverpool (Bidston) ...	1024.4	49	NE	3	bc	1027.6	+2	42	-3	NE	1	cy	2	0.1	54	41	o	bc	b.o	1.2	
	Holyhead ...	1024.9	50	NE	4	c	1026.5	0	45	-2	E	6	bc	5	0.1	53	42	bc	bc	bc	9.6	
	Pembroke (St. Ann's) ...	1022.5	48	NE	2	c	1026.8	+2	46	+1	ENE	3	c	3	0.1	55	44	em	cy	cy	4.5	
	Scilly (St. Mary's) ...	1019.2	49	NNE	5	em	1020.8	+1	45	-2	ENE	6	o	5	0.1	52	45	bc	bc	em	10.7	
	Falmouth ...	1018.2	51	N	3	o	1020.9	+2	46	+4	NE	4	o	3	Trace	56	42	b.be	b.be	o	9.4	
	Jersey (St. Aubin) ...	1016.0	48	NE	5	o	1021.1	0	48	+3	E	4	o	3	0.1	48	42	op.c	op.c	o.b.o	2.1	
	Portland Bill ...	1015.5	47	NE	4	o	1022.5	+2	46	+4	NE	5	o	4	0.1	50	40	bc	bc	op	0.0	
	Dungeness ...	1018.6	46	NNE	3	cy	1023.3	+2	47	+3	NE	3	o	2	0.1	47	43	o	o	o	0.0	
	Dover ...	1019.7	45	NE	4	cy	1024.1	+2	47	+3	NNE	4	bc	4	0.1	49	43	cy	o	cy	0.0	
	Wick ...	1027.7	47	NW	4	o	1031.9	+2	44	0	WNW	4	o	3	Trace	50	41	om	cy	cy	0.0	
	Nairn ...	1027.8	53	R	1	c	1032.2	0	44	0	ENE	1	o	2	0.1	60	42	c.be	bc	bc	5.0	
	Aberdeen ...	1028.4	48	E	1	o	1031.7	+2	44	+1	N	3	o	2	0.1	52	42	b.be	o	o	3.2	
	Leith ...	1027.5	50	ENE	2	o	1031.0	+3	44	-1	ENE	2	o	0.1	53	43	b.be	c	o	0.0		
	Tynemouth ...	1026.9	46	NNE	2	b	1029.9	+2	43	-1	NNE	2	op	3	0.1	48	38	bc	b	bc	0.0	
	Spurn Head ...	1024.8	45	NE	6	o	1028.0	+2	45	0	ENE	5	cy	5	0.1	50	42	cy	cy	cy	6.6	
	Yarmouth ...	1022.0	45	NE	4	o	1025.9	+3	45	0	NNE	3	o	2	Trace	46	44	cy	op	o	0.0	
	Clacton-on-Sea ...	1020.4	44	NNE	4	cy	1024.7	+3	46	+2	NNE	4	cy	3	0.1	46	43	c.ang	cy	cy	0.0	
	Nottingham ...	1024.1	46	NE	4	o	1027.2	0	43	+1	NE	3	NE	0	0.1	55	41	o	bc	ad	6.6	
	Bath ...	1020.3	49	NE	2	o	1024.9	0	46	+5	E	4	o	0	0.2	57	40	b.be	cy	cy	6.4	
	London (Kew Obs.) ...	1021.1	44	NE	4	em	1025.1	+3	45	+4	NE	3	om	0	0.1	47	41	bc	bc	om	0.0	
	Spitsbergen ...	999.8	12	N	8	o	999.7	+4	12	+3	N	7	o	0	0.1	12	4	o	o	o	0.0	
	Isafjord ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Reykjavik ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Vestmanna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Seydisfjord ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thorshavn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Vardö ...	1002.6	32	W	3	bc	999.7	0	36	0	N	3	o	2	0.1	37	27	o	o	o	0.0	
	Bodö ...	1004.3	39	SW	7	r	1011.0	+8	32	-5	W	6	o	3	0.1	37	30	o	o	o	0.0	
	Christiansund ...	1018.7	45	N	6	o	1022.4	+4	43	0	W	5	o	4	0.1	46	43	o	o	o	0.0	
	Skudesnaes ...	1024.6	45	N	5	b	1026.7	+1	45	+2	WNW	5	o	2	0.1	50	41	o	o	o	0.0	
	Færder (X'ianta Fjord) ...	1020.2	45	SW	2	bc	1021.0	0	46	+5	WSW	1	o	1	0.1	48	41	o	o	o	0.0	
	The Scaw (Skagen) ...	1021.3	45	W	0	b	1021.6	0	48	+2	WNW	3	o	2	0.1	56	36	o	o	o	0.0	
	Blaavands Huk ...	1021.6	46	N	2	b	1024.4	+1	45	+2	N	1	o	1	0.1	48	41	o	o	o	0.0	
	Haparanda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hernösand ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Stockholm ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wisby ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karlstad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Petrograd (5 a.m. G.M.T.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	The Helder ...	1020.0	48	NNE	5	c	1024.0	+2	48	0	N	2	o	1	0.1	48	46	o	o	o	0.0	
	Brussels ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	C. Gris Nez ...	1018.4	47	NE	5	o	1022.4	+2	46	+2	ENE	5	o	4	0.1	50	45	o	o	o	0.0	
	La Hève ...	1018.9	46	NE	2	o	1031.7	0	43	+1	NE	2	o	2	0.1	48	41	o	o	o	0.0	
	Ushant ...	1015.5	48	ENE	5	o	1017.0	0	46	0	E	3	o	3	0.1	50	41	o	o	o	0.0	
	Brest (St. Mathieu) ...	1017.3	52	NNE	4	f	1018.0	+1	45	+4	RNE	4	o	3	0.1	54	41	o	o	o	0.0	
	Roche fort (Ile d'Aix) ...	1013.6	43	N	1	r	1016.2	+3	42	0	E	3	o	3	0.1	50	41	o	o	o	0.0	
	Biarritz ...	1013.2	51	WNW	2	c	1013.6	0	51	+5	E	2	o	1	0.1	57	48	o	o	o	0.0	
	Paris ...	1016.2	48	SE	1	o	1020.7	+2	45	+4	NE	1	o	0	0.1	52	36	o	o	o	0.0	
	Belfort ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyons ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nice ...	1021.6	49	W	0	bc	1014.6	+1	55	0	E	5	o	3	0.1	59	46	o	o	o	0.0	
	Perpignan ...	1012.7	52	W	0	o	1013.2	+1	46	-4	W	3	o	3	0.1	63	46	o	o	o	0.0	
	Sanguinaire ...	1009.2	55	WNW	2	bc	1010.0	0	56	0	SE	2	o	2	0.1	61	50	o	o	o	0.0	
	Corunna (7 a.m.) ...	101																				

* 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 MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday. Signals hoisted this morning.

South Coast.	⚡	South Coast.	⚡
North Coast.	⚡	North Coast.	⚡

No Warnings Issued.

Western Channel and Bay

0 { Wind between North and East, light or moderate; overcast or very cloudy, then fairer; temperature rising somewhat.

2 { Wind between North-East and East, light or moderate; much cloud, some slight rain, then fairer; temperature low.

4 { North-Easterly to Easterly winds, light or moderate; much cloud, then fairer and rather less cold.

6 { Same as Nos. 0 and 1.

8 { Wind between East and North-East, light or moderate; sky rather variable, considerable fair intervals; some increase of temperature.

10 { Easterly winds, moderate or fresh; sea moderate; mostly fair.

FURTHER OUTLOOK.

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

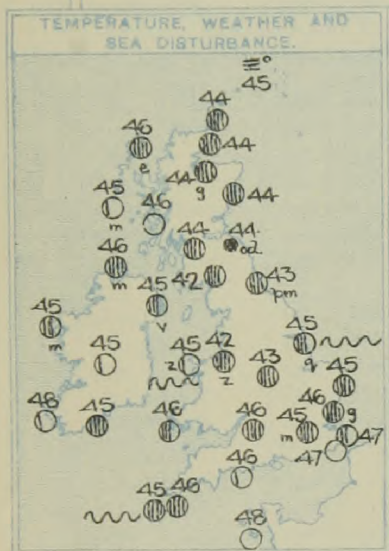
W. N. SHAW, Director

Millibars
1050
1040
1030
1020
1010
1000
990
980
970

SYNOPTIC CHART FOR 7 a.m. MONDAY, 26th APRIL, 1915.

GENERAL INFERENCE.

The anticyclone will continue to extend over the United Kingdom from the north-westward.

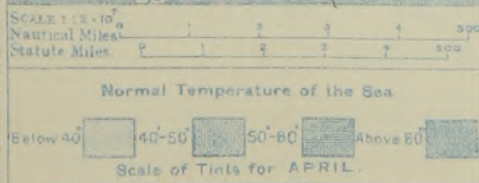


Inches.

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

SEA DISTURBANCE.—Rough ~~~. High ~~~.

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

Station Date & Hour	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.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.
		South. Farnborough 13th 8.40am	East. Farnborough 21st 8am	South. Farnborough 21st 8.40am	East. Farnborough 21st 8am	South. Farnborough 22nd 8.40am	East. Farnborough 22nd 8am	South. Farnborough 23rd 7am	East. Farnborough 23rd 7am	South. Farnborough 23rd 7am	East. Farnborough 23rd 7am	South. Farnborough 23rd 7am	East. Farnborough 23rd 7am	South. Farnborough 23rd 7am	East. Farnborough 23rd 7am	South. Farnborough 23rd 7am	East. Farnborough 23rd 7am	South. Farnborough 23rd 7am	East. Farnborough 23rd 7am
5		+5	-5			+5	-18												
4		+4	-4			+5	-9	+6	-12										
3		+4	-5			+6	-6	0	-12										
2		+6	-6	+8	-3	0	-10	-4	-7	-1	-11								
1		+5	-2	+6	-6	0	-6	+1	-1	+3	-3								
0.5		+5	0	+5	-3	+2	-5	+2	-1	+1	+1								
0		+2	-1	+3	0	0	-5	+1	0	0	0								

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

STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.							Tunbridge Wells ...	2	44	37	or	om	0.0
Banff ...		49	34	c	c	2.3	Margate ...	2	46	36	or	o	0.0
St. Andrews ...							Ramsgate ...	7	44	41	r	o	0.0
Eng. N.W.							Folkestone ...	9	46	40	r, od	d	0.0
Harrogate ...	1	49	38	o	o, c, b, g	1.5	Hastings ...	4	46	40	bc, od	od	0.0
Scarborough ...							Bexhill-on-Sea ...	2	50	44	r, or	r	0.0
Skegness ...		49	41	b	b, o	9.9	Eastbourne ...	1	46	39	op, q	op, e	0.0
Eng. E.W.							Seaford ...						
Morecambe ...							Brighton ...	0.3	47	39	or, o	o, c, o	0.1
Blackpool ...		54	43	c, bc, s	o	2.3	Worthing ...	1	48	39	o	o	0.0
Southport ...		56	44	c, bc	c, bc	3.2	Littlehampton ...	0.3	48	37	r	oe	0.0
Midlands.							Bognor ...	0.3	48	35	o	o	0.0
Buxton ...		44	32	c	c	0.0	Southsea ...						
Leamington Spa ...		58	35	bc	bc, c	11.1	Bournemouth ...	2	51	34	b, o	od, o	3.2
Malvern ...		56	35	bc, g	cy	7.7	Weymouth ...	1	51	35	bc, c	cp, c	2.6
Ross-on-Wye ...		57	33	bc	cd, cm, o	7.7	Torquay ...	1	55	38	b, bc	p, od	6.4
Wales.							Paignton ...	1	54	38	b, c	c, op	6.3
Rhyl ...		53	44	b	b	1.8	Falmouth ...	1	56	41	b	b, bc, o	9.4
Colwyn Bay ...	2	51	44	bc	bc	2.5	Penzance ...						
Llandudno ...	3	51	42			2.8	Newquay ...	0.3	50	39	bc	b, o	9.5
Aberystwyth ...	1	54	45	r, o, o	bc, o	3.5	Ilfracombe ...		54	43	b	bc, c	10.2
Tenby ...							Weston-super-Mare ...	0.3	55	37	b	bc, c, o	7.0
Swansea ...													
England, E.													
Cromer ...		49	42	bc	c, o, c	2.4							
Lowestoft ...		45	40	or	or	0.0							
Felixstowe ...		49	39	or	or, c	0.0							
Walton-on-Naze ...	7	49	39	or	or, c	0.0							
Southend-on-Sea ...	7	44	38	c, or	rd, o	0.0							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obv.) ...	89	89	0.0	47	42	42	5	or	or	or, o
City (Rundell Row) ...			0.0							
Westminster (St. James's Pl.)	85	84	0.2	49	44	42	4	or	or	od, mo
Camden Sq. (Brit. Rainfall)		83	0.0	49	43	41	2			
Hampstead (Reservoir) ...		87	0.5	46	40	34	4	or	o	o
Richmond Park ...			0.0							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)		84	0.2	39.3	Joules	7.5 Milli-watts.	2.7	Milli-watts.		

Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	2	° F. 53	° F. 47	° F. 46	or. c	c. b	b	Hr. *
Darwen to 9 p.m.								
Manchester "				*				
Birmingham "	-	55	36	31	*	o. c	c	5.1
Oxford to 9 p.m.	*			*				
Teignmouth to 9 p.m.	1	54	39	36	cp. bc	b. bc	cp. or	6.3
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	4	50	39	30	cp. bc b	bc or	or. o	*

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

Date	Sunrise.	Noon.	Sunset.
26th 27th April 1915.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.35	11.51	7.0
Greenwich ...	4.45	11.58	7.13
Wick ...	4.35	12.10	7.45
Valencia ...	5.25	12.20	7.50

NOTES ON YESTERDAY'S WEATHER.

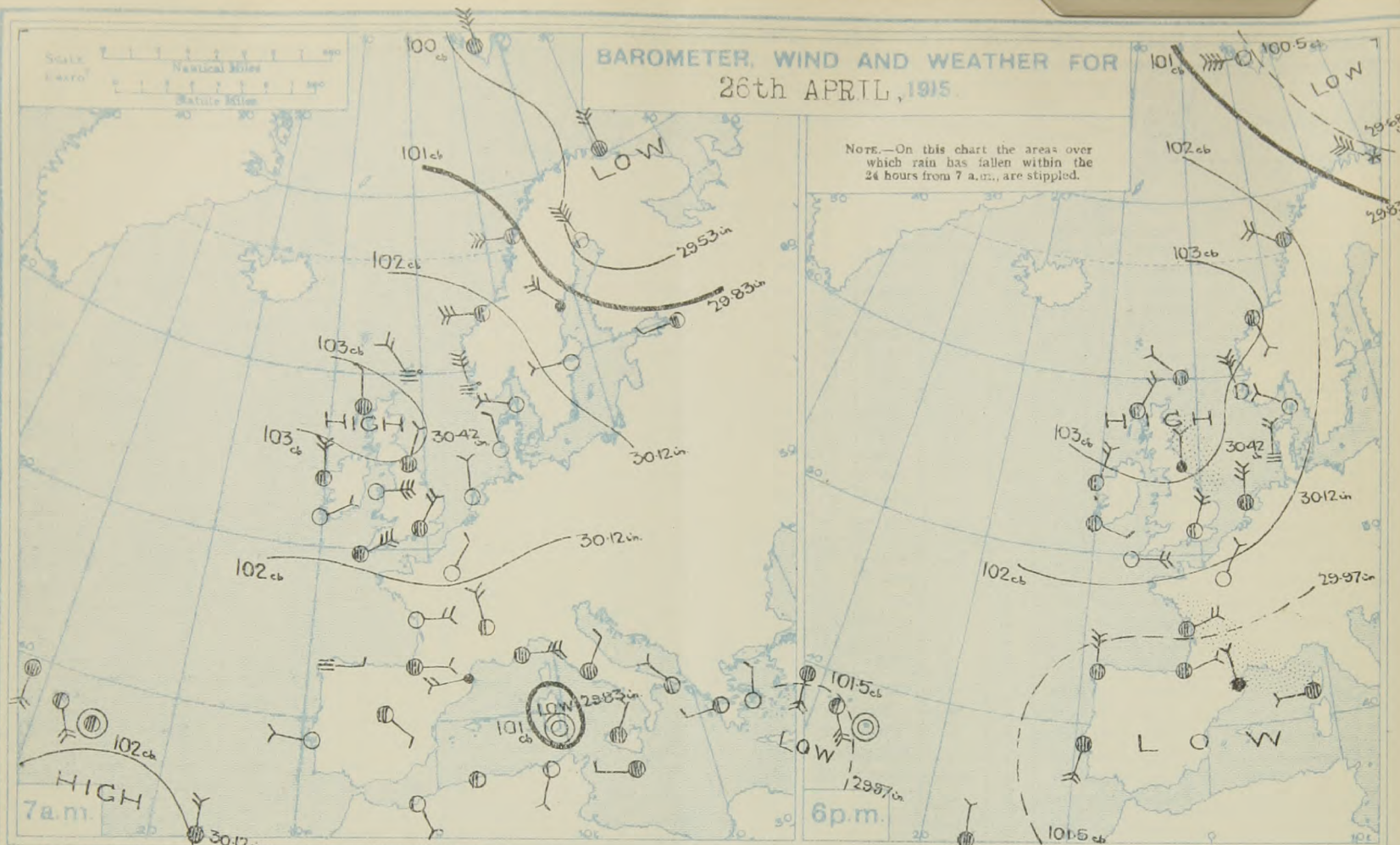
Temperature remained below 50° in many parts of Great Britain, and rain fell in most English localities. Bright sunshine was more prevalent in the south-west, west and north-west than elsewhere. In the south and south-east of England there was none.

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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; z. 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 1/1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

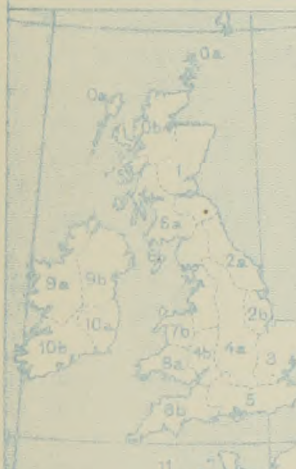
Tuesday
27th April, 1915.

* 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 11

FURTHER OUTLOOK.

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

W. N. SHAW, Director

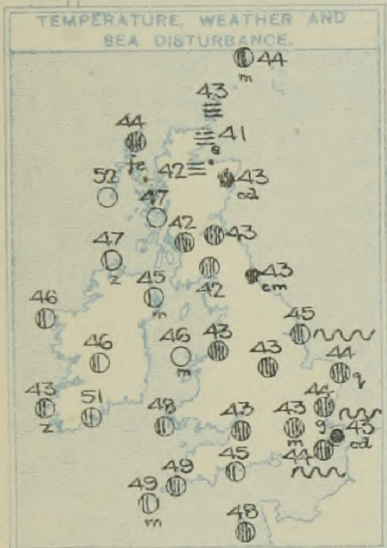
- | | | | |
|---|---|---|---|
| 0 | a | { | Light variable or Westerly winds; much cloud, mist or fog, then fairer and milder. |
| | b | | |
| 1 | a | { | Light variable or North-Easterly winds; much cloud, mist or fog, then fairer and milder. |
| | b | | |
| 2 | a | { | Wind between North and North-East, light or moderate, fresh or strong at times in places; much cloud, some slight rain locally, then fairer and rather less cold. |
| | b | | |
| 3 | a | { | Same as No. 1. |
| | b | | |
| 4 | a | { | Wind mainly Easterly, light or moderate; sky variable; temperature rather low. |
| | b | | |
| 5 | a | { | Wind mainly Easterly, light; fair or bright generally; moderate or rather low temperature. |
| | b | | |
| 6 | a | { | North-Easterly or Easterly winds, light or moderate; fair generally; sea slight. |
| | b | | |

Millibars
1050
1040
1030
1020
1010
1000
990
980
970

SYNOPTIC CHART FOR 7 a.m., TUESDAY, 27th APRIL, 1915.

GENERAL INFERENCE.

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

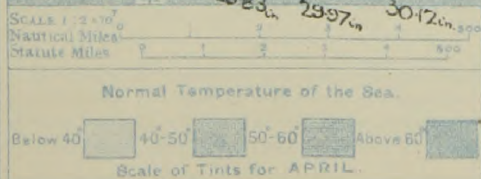


Inches.

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

SEA DISTURBANCE.—Rough wavy. High wavy.

Tuesday, 27th April, 1915.

REPORTS
FOR
YESTERDAY.

26th April

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.
{ Oban	-	37	34	b	bc	11.5	{ Tunbridge Wells	1	57	42	o	bc	4.6
{ Banff	-	47	44	ome	om	0.0	{ Margate	-	48	43	c	o.c	0.2
{ St. Andrews	-	48	43	*	*	0.0	{ Ramsgate	-	48	43	o.c	o	1.7
Eng. N.E.							{ Folkestone	-	54	43	bc	bc	10.3
{ Harrogate	-	51	36	bc.o.bc	b.bc.o	5.9	{ Hastings	-	57	43	bc.b	b	10.4
{ Scarborough	*						{ Bexhill-on-Sea	-	58	43	c	b	5.6
{ Skegness	-	48	43	og	og	0.2	{ Eastbourne	-	57	41	o.b.bc	bc.b	9.2
Eng. N.W.							{ Seaford	-	59	42	b	b	12.8
{ Morecambe	-	56	39	b	b	12.0	{ Brighton	-	60	44	bc.b	b.bc.b	12.0
{ Blackpool	-	60	34	b	b	11.6	{ Worthing	-	59	43	bc	b	11.3
{ Southport	-	61	37	c.bc	c.bc	9.3	{ Littlehampton	-	59	43	b	b	10.6
Midlands.							{ Bognor	-	59	43	b	b	11.5
{ Buxton	-	54	38	bc	b	9.2	{ Southsea	-	61	44	bc.b	b.bc	9.5
{ Leamington Spa	-	57	43	o	bc.c	2.8	{ Bournemouth	-	61	42	bc	b.o	9.6
{ Malvern	-	56	42	o.bc	bc.c	4.0							
{ Ross-on-Wye	-	55	43	og.c	c	1.6							
Wales.													
{ Rhyl	-	55	41	bc	bc	8.7	{ Weymouth... ..	-	60	43	b	b.beg	11.0
{ Colwyn Bay	-	52	50	*	*	7.7	{ Torquay	0.3	57	45	b.bc	bc.b	8.7
{ Llandudno	-	59	45	o.c.b	bc.c	8.0	{ Paignton	-					
{ Aberystwyth	-	55	44	bc	b	6.0	{ Falmouth	0.3	54	44	o	o.bc.b	4.4
{ Tenby	-						{ Penzance	-	55	45	o	bc.b	4.5
{ Swansea	-						{ Newquay	-	57	43	b.bc	bc.b	10.0
England, E.							{ Ilfracombe	-	55	47	o.c.bc	bc.b	8.0
{ Cromer	-	47	42	o.c	o.em	0.0	{ Weston-super-Mare	-	56	44	bc.b	b.bc.c	7.0
{ Lowestoft	-	48	43	o.c	c.o	1.8							
{ Felixstowe	-	54	43	o	bc	3.4							
{ Walton-on-Naze	-	50	43	o.c	c.bc	3.7							
{ Southend-on-Sea	-	56	42	o	c.bc	2.6							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
				%	%					
Greenwich (Royal Obs.) ...	63	86	1.4	59	42	37	-	c	c	o
City (Bunhill Row) ...	*	*	2.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	64	85	1.3	? 59	43	39	-	o	bc	oe
Camden Sq. (Brit. Rainfall)	56	83	3.2	62	42	38	-	o.c	c. 16	*
Hampstead (Reservoir) ...	*	88	3.1	57	39	31	-	c.o.b	o	o
Richmond Park ...	*	*	2.2	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total. Joules			Average Rate. Milliwatts.		Max. Rate. Milliwatts.	
S. Kensington (Roof of M.O.)	62	84	1.7	1023			108		67	

Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	mm §	° F.	° F.	F.				Hr.
Darwen to 9 p.m.	-	55	37	34	bc	bc	bc	* 8.14
Manchester "	-	55	41	40	o	o	o.c	o.6
Birmingham "	*							*
Oxford to 9 p.m.	-	57	46	44	c	bc	b	* 9.3
Teignmouth to 9pm.	-							
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	-	59	44	42	o	o	o.bc	*

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 50° at some stations in the east and north-east of Britain, but rose to 59° or 60° at some places in the south and south-west. Much bright sunshine was experienced except in Eastern and Central 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. snow; 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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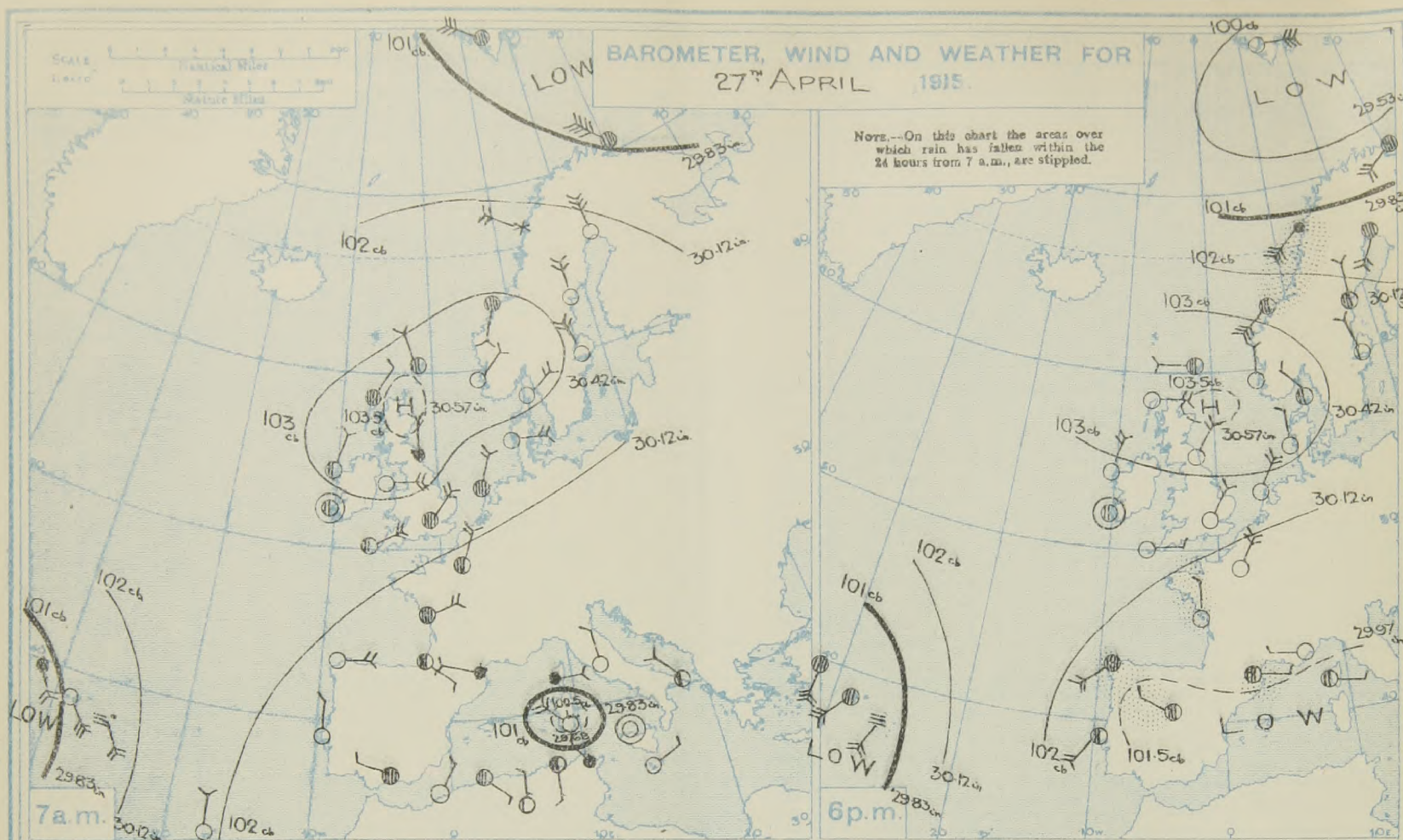
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 118.

Wednesday,
28th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.																	
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 8 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-6.	Rain- fall. Milli- metres.	TEMP.		WEATHER.																				
				Dirac.	Force 0-12.						Dirac.	Force 0-12.					Max.	Min.	Morning	Afternoon	Night.																		
																						°F.	°F.																
BRITISH ISLANDS.	Lerwick	1034.5	44	W	2	cm	1032.3	-2	41	-3	W	2	-	f	1	-	48	38	c	cm	f	*																	
	Deerness	1034.9	43	S	3	f	1032.5	*	41	-2	W	3	-	f	2	-	45	39	f.m	m. of	f. c. f.	0.1																	
	Stornoway	1033.9	51	E	3	bz	1031.1	0	41	-3	W	1	-	bz	1	-	51	38	of. bz	bz	b. of	11.3																	
	Castlebay (Barra Isd.)	1032.4	55	WNW	3	bz	1032.4	0	53	+1	-	0	-	b	1	-	59	49	b	b	b	12.2																	
	Glasgow	1033.6	50	ENE	2	b	1033.8	-1	41	-1	ENE	2	-	b	*	-	55	36	o.c	b	o. c.	6.9																	
	Eskdalemuir	1032.4	49	NE	6	br	1033.2	0	41	-1	NE	3	-	b	*	-	55	36	of. br	br	br	9.2																	
	Malin Head	1031.7	50	NE	3	bz	1030.7	0	48	+1	E	3	-	bz	3	-	53	45	bz	bz	br	13.2																	
	Blacksod Point	1029.4	56	NNE	3	bm	1027.7	-3	48	+2	NNE	3	-	bc	2	-	63	44	bc	bc	bc	*																	
	Valencia	1025.4	58	-	0	bc	1024.7	0	49	+6	-	0	-	b	2	-	65	43	bc	bc	bc	11.1																	
	Roche's Point	1027.0	55	E	3	b	1026.1	*	49	-2	ENE	1	-	b	1	-	61	45	bz	bz	br	*																	
	Birr Castle	1028.2	58	ENE	2	b	1028.1	*	46	0	NE	2	-	b	*	-	61	42	b	b	b	11.8																	
	Donaghadee	1030.2	51	NNE	4	bm	1030.3	0	46	+1	NNE	3	-	br	2	-	52	43	bm	bm	bm	*																	
	Liverpool (Bidston)	1028.5	54	ENE	3	b	1028.9	0	47	+4	ENE	1	-	b	1	-	59	42	bm	bm	bm	9.2																	
	Holyhead	1027.9	54	NE	5	bm	1027.0	-1	47	+1	E	6	-	bm	5	-	55	44	b. bc. b	bm	bm	12.6																	
	Pembroke (St. Ann's)	1026.0	52	NNW	3	bc	1024.4	0	49	+1	E	2	-	bm	2	-	59	45	bc	em	bm	12.9																	
	Scilly (St. Mary's)	1022.9	52	E	1	bm	1020.3	-1	50	+1	ENE	4	-	b	3	-	57	47	bc	bm	bm	9.1																	
	Falmouth	1022.3	55	E	3	b	1020.8	0	50	-1	NE	2	-	b	3	-	58	47	bc. b	bc. b	b	9.2																	
	Jersey (St. Aubin)	1020.7	50	NE	5	b	1019.5	*	50	+2	ENE	4	-	b	4	0.2	53	43	dp. b	b	b	6.4																	
	Portland Bill	1022.5	55	NNE	5	b	1021.4	+1	49	+4	NE	5	-	bc	4	-	58	45	bc. b	b	b. bc	*																	
	Dungeness	1023.1	47	N	4	cy	1022.0	0	50	+6	NE	5	-	b	4	-	50	42	cy	o. bc. b	bc. b	*																	
	Dover	1023.4	44	N	5	m	1024.0	0	52	+9	NE	4	-	b	6	-	53	42	dp	o. bc. m	o. c. b	0.3																	
Wick	1035.2	44	SSE	3	o	1032.8	0	44	+3	-	0	-	b	2	0.1	46	36	fe	fe. m	fe. m	*																		
Nairn	1034.5	43	NE	2	bc. m	1033.3	*	41	-1	-	0	-	m	1	0.2	50	40	m. bc	bc. m	bc. m	6.0																		
Aberdeen	1035.5	47	E	2	b	1033.6	0	41	-2	-	0	-	b	1	-	51	32	o. b	b	br	7.2																		
Leith	1034.9	47	ENE	2	b	1033.9	-1	43	0	E	1	-	o	*	-	50	42	o. c. o	o. bc. b	b	*																		
Tynemouth	1033.1	46	NE	3	b	1032.5	-1	45	+2	NNE	3	-	bm	3	-	48	40	c	b	bm	*																		
Spurn Head	1029.6	46	NE	7	bc	1029.6	0	47	+2	E	5	-	br	5	-	49	42	bc. m	bc. m	bc. m	8.2																		
Yarmouth	1026.7	49	N	2	b	1028.6	+2	47	+3	ENE	3	-	b	2	-	51	43	ag. m	m. b.	b	4.8																		
Clacton-on-Sea	1024.7	53	NNE	4	b	1025.3	0	50	+4	NNE	4	-	b	3	-	56	43	ag. c. bc	bc. b	b	7.2																		
Nottingham	1026.3	50	NE	5	b	1028.5	*	47	+4	NE	4	-	b	*	-	57	41	o. c. bc	bc. b	bc. c	9.5																		
Bath	1024.8	57	E	3	b	1025.4	*	47	+4	NE	3	-	b	*	-	61	43	o. bc. b	b.	b. o. bc	8.1																		
London (Kew Obsy.)	1024.4	58	NE	3	br	1025.0	0	49	+6	ENE	4	-	bm	*	-	58	43	qm. o. bc	bc. b. br	br. b. m	7.6																		
ICELAND, FAEROE, &c.	Spitsbergen	998.3	-2	E	6	b	1002.3	+8	5	-11	N	5	*	b	*	*	18	-2																					
	Isafjord	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	Reykjavik	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	Vestmanna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	Seydisfjord	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	Thorshavn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
NORTHERN EUROPE.	Vardö	1004.8	30	SW	5	o	975.7	-6	32	+2	N	6	-	S	4	*	37	23																					
	Bodö	1010.1	41	SW	6	r	1002.0	+3	36	+2	WNW	11	-	o	6	10	41	27																					
	Christiansund	1028.7	45	SW	6	c	1023.7	-3	43	0	SW	8	-	r	4	1	45	41																					
	Skudesnaes	1033.7	45	N	2	b	1031.4	-1	45	-1	WNW	4	-	m	1	-	57	39																					
	Færder (X'ania Fjord)	1028.7	45	SW	4	b	1022.7	-4	45	+2	WNW	4	-	bc	2	-	46	41																					
	The Scav (Skagen)	1031.8	48	NW	1	bc	1025.2	-3	48	+3	WNW	4	-	b	3	-	50	37																					
	Blaavands Huk	1031.7	59	N	1	b	1031.4	0	46	-2	W	1	-	b	1	-	63	34																					
	Haparanda	1016.8	32	SSW	4	o	999.9	-4	43	+9	NW	9	-	b	*	Trace	46	32																					
	Hernösand	1024.2	43	N	2	c	1016.1	*	48	+11	W	6	-	bc	*	-	48	37																					
	Stockholm	1026.0	46	NNW	2	b	1018.0	-6	45	+6	WNW	2	-	bc	*	-	48	37																					
Wisby	1029.7	39	NNW	2	b	1023.3	-3	41	+2	SW	4	-	b	*	-	45	34																						
FRANCE, &c.	Karlstad	1028.8	46	N	4	bc	1021.5	-5	46	+5	W	2	-	b	*	-	46	34																					
	Petrograd (5 a.m. G.M.T.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	The Helder	1024.7	62	NE	4	b	1028.2	+1	46	+1	ENE	3	-	b	*	-	55	45																					
	Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	C. Gris Nez	1022.3	45	NE	6	o	1022.1	0	50	+6	ENE	5	-	b	3	Trace	46	43																					
	La Hève	1019.4	46	NE	4	c	1018.1	*	54	+8	ENE	4	-	b	4	-	55	42																					
	Ushant	1019.4	48	ENE	6	c	1018.1	*	47	+1	ENE	3	-	m	3	-	52	45																					
	Brest (St. Mathieu)	1020.0	50	NE	3	c	1018.1	*	45	-3	ESE	3	-	m	3	-	59	43																					
	Rochefort (Ile d'Alx)	1015.7	56	N	1	b	1016.6	+3	53	+2	E	1	-	o	2	Trace	61	52																					
	Biarritz	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
Paris	1016.7	64	NNE	4	b	1019.1	+2	55	+1	ENE	1	-	b	*	-	68	46																						
Belfort	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																						
Lyons	1016.0	55	SW	2	o	1019.9	*	55	SE	2	-	-	o	*	2	63	45																						
Nice	1017.5	57	W	1	b	1013.3	+2	56	E	1	-	-	bc	*	-	64	46																						
Perpignan	1015.8	55	E	1	c	1018.6	+2	54	+6	E	1	-	o	*	2	63	46																						
Sanguinaire	1014.6	60	E	1	bc	1016.9	*	56	0	E	1	-	bc	2	-	63	50																						
SOUTHERN EUROPE.	Corunna (7 a.m.)	1016.7	57	SW	4	o	1018.7	+3	48	0	SSE	4	-	o	1	2	59	48																					
	Madrid (8 a.m.)	1013.9	57	WNW	1	c	1019.4	+3	50	0	-	0	-	bc	*	1	63	41																					
	Lisbon (9 a.m.)	1016.2	57	SW	3	bc	1018.9	+2	52	0	NW	2	-	b	2	-	63	50																					
	Gibraltar	*	*	*	*	*	*	*	*	*	*	*	*</																										

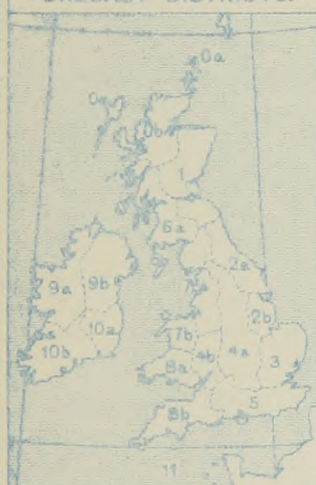
RAINFALL. Equivalents of Millimetres. in Inches.

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



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

Western Channel and Bay 11

0 } Westerly or light variable winds; some fog or mist, otherwise fine; cool, then milder.

1 } Light variable or Easterly winds; some fog or mist, otherwise fine; cool, then milder.

2 }
3 }
4 } Wind between East and North-East, light or moderate, fresh at times locally; generally fair or fine; temperature inclined to rise.

5 }
6 }
7 }
8 } Wind mainly Easterly, light or moderate; fine and bright generally; warm inland and on west coast, cool on east coast.

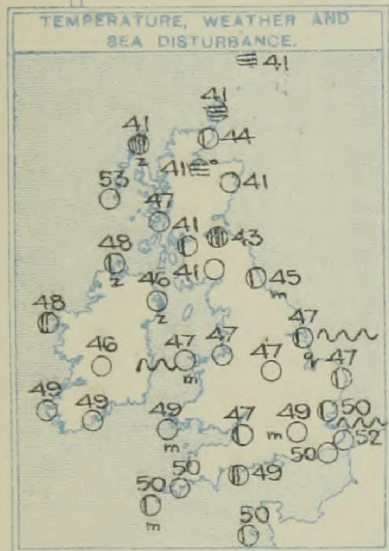
9 }
10 } Easterly and North-Easterly winds, light or moderate; sea slight; fair or bright.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 28th APRIL, 1915.

GENERAL INFERENCE.

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



EXPLANATION.

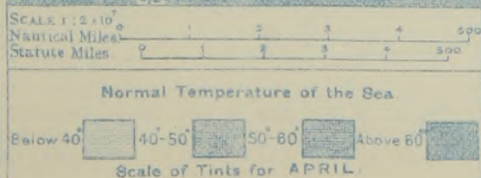
BAROMETER—Isobars are drawn for intervals of five millibars.

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

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

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

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



DAILY WEATHER REPORT.

Wednesday, 28th April, 1915.

REPORTS
FOR
YESTERDAY.

27th April.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
Haparanda.	1014.7	34	N	6	b	1020.2	+4	34	-1	12	10	1	b	+	1	41	27
Herrnsand.	1018.9	45	WNW	6	b	1027.5	+3	37	-1	12	10	1	b	+	1	45	32
Stockholm	1018.1	54	WNW	2	b	1027.5	+4	39	-1	12	10	1	b	+	1	54	34
Widby	1018.6	45	ENE	2	b	1028.7	+5	39	-1	12	10	1	b	+	1	54	34
Karlskrona	1021.5	54	NE	4	b	1031.8	+4	41	-1	12	10	1	b	+	1	54	34
Rome	1015.7	59	NE	1	b	1016.0	+1	52	-5	22	10	1	b	+	1	59	50

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
	mm. §	° F.	° F.			Hr.		mm. §	° F.	F.			Hr.
Scot- land.							Tunbridge Wells ...	-	56	41	o	b	5.3
{ Oban ...	-	58	38	b	b	12.5	Margate ...	-	46	42	o	o.c	0.0
{ Banff ...	-	52	41	e.o	c.bc	3.3	Ramsgate ...	0.3	46	41	o	o	0.1
{ St. Andrews ...	-	49	41	*	*	6.3	Folkestone ...	-	48	42	bc	bc	4.2
Eng. N.E.							Hastings ...	-	54	43	o.c	b	6.8
{ Harrogate ...	-	49	39	bc.b	b	9.7	Bexhill-on-Sea ...	-	56	43	c	b	5.0
{ Scarborough ...	-	50	41	o.bc	bc	6.0	Eastbourne ...	-	56	43	o	b	5.9
{ Skegness ...	-	50	41	o.bc	bc	6.0	Seaford ...	-	54	47	c	b	8.0
Eng. N.W.							Brighton ...	-	60	43	o.c.bc.b	b	8.2
{ Morecambe ...	-	57	43	b	b	13.2	Worthing ...	-	60	43	o	b	6.7
{ Blackpool ...	-	62	37	b	b	12.8	Littlehampton ...	-	60	38	c.bc.b	b	6.6
{ Southport ...	-	61	38	b	b	10.5	Bognor ...	-	60	43	o.bc	b	7.8
Midlands.							Southsea ...	-	60	43	o.bc	b	7.8
{ Buxton ...	-	54	37	b	b	9.4	Bournemouth ...	-	60	41	bc.b	b	9.0
{ Leamington Spa ...	-	58	41	c.b.bc	bc.b	8.1							
{ Malvern ...	-	57	36	bc	b	9.0							
{ Ross-on-Wye ...	-	58	41	o.bc	bc.b	7.2							
Wales.							Weymouth... ..	-	60	44	bc.b	bc.b	9.7
{ Rhyl ...	-	54	39	bc	b	8.5	Torquay ...	0.3	58	46	o.c.bc	b	8.1
{ Colwyn Bay ...	-	53	40	*	*	7.0	Paignton ...	-	57	46	o.c.b	b	8.4
{ Llandudno ...	-	62	44	c.o.b	b.bc	10.2	Falmouth ...	-	58	44	bc	bc.b	8.6
{ Aberystwyth ...	-	62	44	c.o.b	b.bc	10.2	Penzance ...	-	60	47	bc	b	9.0
{ Tenby ...	-	59	44	b	b	12.4	Newquay ...	-	58	44	c.bc	b	6.5
{ Swansea ...	-	59	44	b	b	12.4	Ilfracombe ...	-	58	45	o.c.bc	bc.b	9.0
England, E.							Weston-super-Mare ...	-	60	43	c	b	6.5
{ Cromer ...	0.3	48	40	o.c	o.c.o.c	1.6							
{ Lowestoft ...	-	55	42	c	bc	6.5							
{ Felixstowe ...	-	51	42	o.c	bc.b	6.4							
{ Walton-on-Naze ...	-	56	42	o.c.bc	bc.b	6.0							
{ Southend-on-Sea ...	-	56	42	o.c.bc	bc.b	6.0							

† Sunshine to sunset.

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	57	62	7.2	59	42	34	-	o.c	b	b.o
City (Bunhill Row) ...	59	66	6.7	59	44	39	-	b	b	b
Westminster (St. James's Pk.)	59	66	6.9	59	44	39	-	b	b	b
Camden Sq. (Brit. Rainfall)	57	65	7.4	62	43	38	-	o.bc	b	..
Hampstead (Reservoir) ...	*	71	7.3	56	40	32	-	bc	b	b
Richmond Park ...	*	*	7.3	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	53	59	6.7	Total. 1307 Joules		Average Rate. 250 Milliwatts.		Max. Rate. 73 Milliwatts.		

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		
		In Screen.		Night.	Fore- noon.	After- noon.
		Max.	Min.			
Dublin to 4 p.m.	-	54	44	40	bc	bc
Darwen to 9 p.m.	-	55	37	32	bc	bc
Manchester "	-	57	39	39	*	o.b
Birmingham "	-	57	39	39	*	o.b
Oxford to 9 p.m.	*					
Teignmouth to 9 p.m.	*					
Plymouth "	*					
S. Kensington (Museum Grounds to 6 p.m.)	-	59	43	39	ca.b	ca.b

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

	Sunrise.	Noon.	Sunset.
28th April 1915.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.30	11.50	7.10
Greenwich ...	4.41	11.57	7.16
Wick ...	4.28	12.0	7.50
Valencia ...	5.20	12.38	7.52

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 50° at many eastern stations, but exceeded 60° over a considerable area in the west, touching 65° at Valencia. Bright sunshine was very prevalent except on the south-east coast of England and locally in the far north.

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

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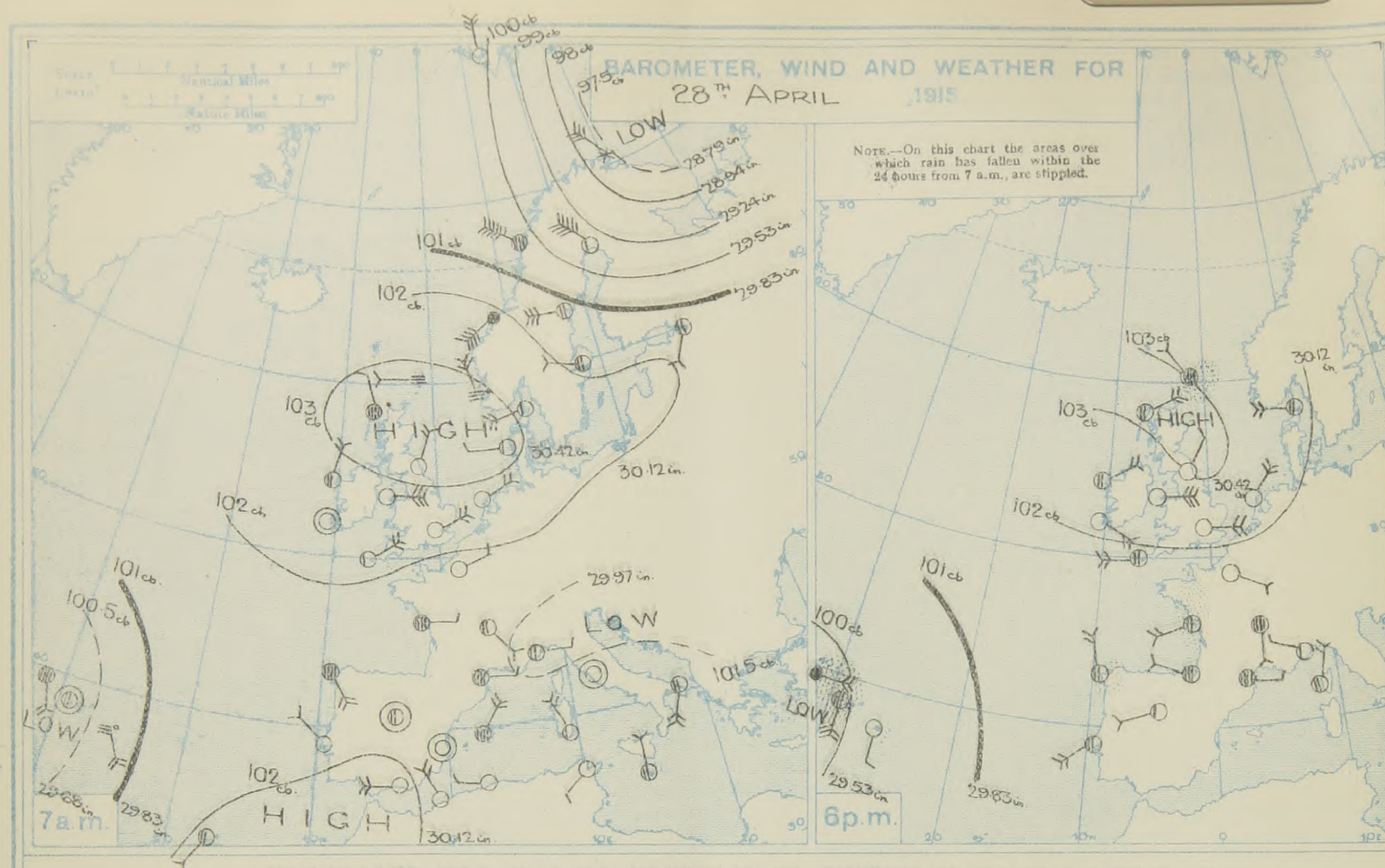
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 119.

Thursday
29th April, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 9-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 24 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
																						Hours.
BRITISH ISLANDS.	Lerwick	1029.6	46	NW	2	om	1024.2	-2	45	+4	WNW	2	-	o	1	2	47	40	f.o	o	o	*
	Deerness	1030.5	43	N	3	oz	1026.4	*	41	0	WSW	2	-	m	2	Trace	46	40	f.o	o	ome	0.3
	Stornoway	1030.8	45	ENE	4	bcq	1026.3	-2	41	0	N	1	-	afe	1	-	53	32	o.cq	o.cq	afe	6.2
	Castlebay (Barra Isd.)	1027.9	58	N	4	b	1025.1	-1	48	-5	ENE	3	-	b	3	-	62	44	b	o.cq	b	13.4
	Glasgow	1027.6	63	ENE	2	b	1027.4	-1	39	-2	E	2	-	m	*	-	65	38	b	b	ome	10.6
	Eskdalemuir	1027.8	59	ENE	4	bq	1026.8	-1	45	+4	NNE	1	-	b	*	-	64	32	bc, bz	bq	bq	12.4
	Malin Head	1027.5	53	E	3	bq	1024.9	-2	53	+5	ESE	1	-	bm	1	-	54	47	bq	bq	bm	13.9
	Blacksod Point	1023.5	62	ENE	3	bc	1022.0	-1	51	+3	ESE	2	-	bm	1	-	63	46	bc	bc	bc	*
	Valencia	1020.6	66	ESE	3	b	1019.6	0	58	+9	ENE	3	-	b	3	-	69	49	bq	bq	c.bq	12.4
	Roche's Point	1022.7	60	E	4	c	1022.1	*	51	+2	E	4	-	SE	4	-	63	49	bq	bq, c	o.cq, b	*
	Birr Castle	1023.7	64	NE	2	m	1023.5	*	43	-3	NE	1	-	b	*	-	66	37	b	b	b	13.2
	Donaghadee	1026.4	55	NE	2	bm	1025.3	0	49	+3	E	3	-	bm	2	-	66	43	bm	bm	bm	*
	Liverpool (Bidston)	1025.6	59	E	4	b	1025.6	-1	48	+1	E	1	-	b	2	-	65	42	bm	b	b	11.8
	Holyhead	1024.0	59	E	6	b	1023.6	0	49	+2	E	3	-	bq	2	-	63	46	bm	bm	bm, bv	12.7
	Pembroke (St. Ann's)	1022.7	57	NNE	2	bc	1021.9	-1	48	-1	E	3	-	bm	3	-	63	45	bm	bm	bm	12.8
	Scilly (St. Mary's)	1019.1	55	E	4	bc, m	1020.0	+1	50	0	-	0	-	f	2	-	58	49	bc, m	c, m	bc, m	10.7
	Falmouth	1019.2	59	E	3	b	1020.4	0	50	0	SE	2	-	b	4	-	63	50	b	b, bc, b	b	11.9
	Jersey (St. Aubin)	1018.2	60	ENE	4	b	1020.9	*	54	+4	S	2	-	bm	1	-	65	50	b	bc	c, op, b	10.8
	Portland Bill	1020.1	57	E	3	b	1021.0	+1	49	0	NE	4	-	b	3	-	61	46	bc	b	bc	*
	Dungeness	1021.1	53	NE	3	b	1021.8	0	49	-1	NE	4	-	b	4	-	58	47	bc, b	b	b	*
	Dover	1022.2	51	N	6	b	1022.9	0	51	-1	NE	4	-	b	3	-	57	43	b	b	b	13.1
	Wick	1030.6	45	NNE	2	m	1026.5	-2	42	-2	SSW	2	-	m	1	Trace	47	40	bc, om	om	om	*
	Nairn	1030.1	50	NNE	2	bc, m	1026.5	*	42	+1	-	0	-	om	1	-	60	39	m, b	bm, q	bc, m	10.7
	Aberdeen	1030.3	46	ENE	2	om	1027.0	-1	41	0	S	1	-	om	2	-	63	40	b	b, om	om	11.9
	Leith	1028.1	54	NE	1	b	1027.1	-2	40	-3	ESE	2	-	o	*	-	60	39	o, bc, b	b	b	*
	Tynemouth	1030.1	47	NNE	1	b	1027.5	-3	42	-3	N	2	-	om	3	-	51	36	b	b	om	*
	Spurn Head	1029.6	48	ENE	4	b	1026.8	-2	47	0	NE	3	-	bc	3	-	55	42	ba	b	b	12.7
	Yarmouth	1025.9	48	NE	5	b	1025.7	0	48	+1	NE	3	-	b	2	-	52	44	b	b	b	13.3
	Clacton-on-Sea	1024.1	51	NNE	5	b	1024.1	0	50	0	NE	4	-	b	3	-	55	45	b	b	b	13.4
	Nottingham	1026.8	54	E	4	b	1026.3	*	46	-1	NE	2	-	b	*	-	63	34	b	b	b	13.4
	Bath	1022.0	68	E	4	b	1023.8	*	46	-1	NE	2	-	b	*	-	70	40	b	b	b	11.6
	London (Kew Obsy.)	1022.9	62	E	4	bq	1024.3	+2	47	-2	ENE	3	-	bq	*	-	66	41	bm, bz	bq, bz	bq	12.7
ICELAND, FAEROE, &c.	Spitsbergen												*	*	*	*	*	*				
	Isafjord...												*	*	*	*	*	*				
	Reykjavik												*	*	*	*	*	*				
	Vestmanna												*	*	*	*	*	*				
	Seydisfjord												*	*	*	*	*	*				
NORTHERN EUROPE.	Thorshavn												*	*	*	*	*	*				
	Vardö												*	*	*	*	*	*				
	Bodö												*	*	*	*	*	*				
	Christiansund												*	*	*	*	*	*				
	Skudesnaes												*	*	*	*	*	*				
	Færder (Xtania Fjord)	1017.2	50	NW	2	bc	1022.4	+1	41	-4	E	2	-	b	1	-	54	41				
	The Scaw (Skagen)	1017.3	48	WNW	4	b	1021.5	+3	45		E	2	-	b	2	-	54	43				
	Blaavands Huk	1024.7	45	NW	3	b	1022.4	0	45		NNW	2	-	b	3	-	50	41				
	Haparanda													*	*	*	*	*				
	Hernösand													*	*	*	*	*				
FRANCE, &c.	Stockholm												*	*	*	*	*	*				
	Wisby												*	*	*	*	*	*				
	Karlstad												*	*	*	*	*	*				
	Petrograd (5 a.m. G.M.T.)												*	*	*	*	*	*				
	The Helder	1025.5	52	NE	4	b	1024.7	0	48	+2	NE	3	-	b	2	-	54	43				
	Brussels	*	*	*	*	*								*	*	*	*	*				
	C. Gris Nez	1020.6	52	NE	6	b	1021.6	+1	49	-1	ENE	5	*	b	3	-	55	46				
	La Hève	1018.9	63	NE	3	b	1019.5	*	50	-4	-	0	*	c	1	-	70	46				
	Ushant	1019.1	52	SSW	2	m	1020.4	*	50	+3	S	2	*	o	3	-	55	46				
	Brest (St. Mathieu)	1019.3	57	W	1	m	1021.1	+1	48	+3	SE	2	*	o	1	-	66	45				
Rochefort (Ile d'Aix)	1018.6	56	WSW	3	bc	1020.8	+2	51	-2	E	1	*	b	*	-	66	46					
Biarritz	1017.9	56	WNW	2	c	1017.7	+2	56		SW	1	*	b	1	-	64	50					
Paris	1017.3	70	ESE	1	b	1019.7	+1	57	+2	NNW	1	-	o	*	-	75	53					
Belfort													*	*	*	*	*					
Lyons	1019.4	58	S	2	o	1022.1	*	50	-5	NNW	1	*	c	*	-	69	44					
Nice	1019.9	54	W	1	b	1019.4	0	59	+3	-	0	-	b	2	-	82	48					
Perpignan	1019.1	54	E	1	o	1021.2	+2	54	0	-	0	-	b	*	-	61	45					
Sanguinaire	1018.9	57	N	3	bc	1017.7	*	57	+1	N	1	*	c	2	-	73	54					
SOUTHERN EUROPE.	Corunna (7 a.m.)	1019.1	55	NNW	3	bc	1019.7	0	48	0	S	2	-	f	1	-	59	46				
	Madrid (8 a.m.)	1016.2	61	WSW	2	b	1021.5	+2	50	0	-	0	-	c	*	-	63	41				
	Lisbon (9 a.m.)	1018.6	61	SW	4	bc	1019.4	0	52	0	-	0	-	b	2	-	64	52				
	Gibraltar													*	*	*	*	*				
	Rome													*	*	*	*	*				
Azores (Horta, 8 a.m.)	1000.0	*	S	S	c	998.6	+6	61	+6	W	4	*	c	3	23	64	57					
Madeira (Funchal)																						

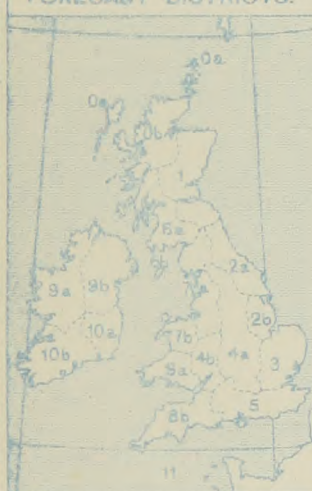
RAINFALL. Equivalents of Millimetres. in inches.

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



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

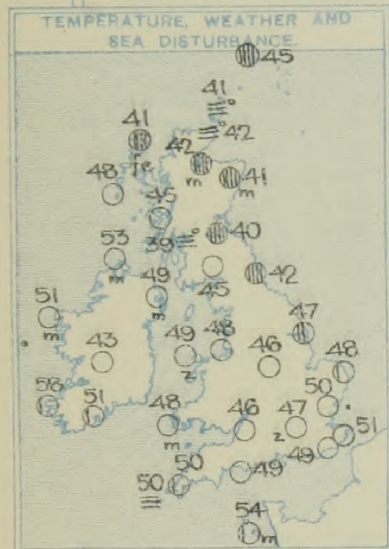
- | | |
|--------------------|---|
| 0 {
a }
b } | Wind between West and North-West, light or moderate; mist or fog locally, otherwise fair; warmer. |
| 1 {
a }
b } | Light variable to North-Westerly winds, mist or fog locally, otherwise fair; warmer. |
| 2 {
a }
b } | Easterly or North-Easterly winds, light; fine and bright generally; warm day inland. |
| 3 {
a }
b } | Easterly and North-Easterly winds, light; fine and bright generally; temperature high during day. |
| 4 {
a }
b } | Same as No. 1. |
| 5 {
a }
b } | Same as Nos 4 & 5. |
| 6 {
a }
b } | Light winds, mainly Easterly; fine generally; |
| 7 {
a }
b } | warm. |
| 8 {
a }
b } | Wind between East and South-East, light; fine generally, some local mist. |
| 9 {
a }
b } | |
| 10 {
a }
b } | |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., THURSDAY, 29TH APRIL, 1915.

GENERAL INFERENCE.

The anticyclonic system will continue the dominating influence during the ensuing twenty-four hours.

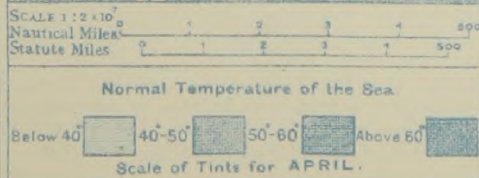


Inches.

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 ½ clouded. ○ sky ¾ clouded.
⊙ sky ¾ clouded. ⊙ overcast sky. ☁ rain falling.
✱ snow. ⚡ hail. ☁ fog. ☁ mist. T, thunder.
⚡ thunderstorm.

SEA DISTURBANCE.—Rough. High.

DAILY WEATHER REPORT.

Thursday, 29th April, 1915.

REPORTS FOR YESTERDAY.		STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										TEMP.	
			BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.		
					Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.						
F.					F.	F.											Max.	Min.	
Petrograd.	1019.8	36	N	1	b	1018.9	-4	34		SW	2	-	bc	*	-		41	23	
Rome	1018.0	57	N	1	b	1018.6	0	50	-2	N	1	-	b	*	-		68	50	
Horta	*	*	*	*	*	1002.3	-1	57	-3	-	0	*	bc	2	7		66	56	
Funchal	1019.9	64	N	2	bc	1020.7	0	57	0	SSW	2	7	bc	2	-		64	57	
28th April.																			

28th April.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.
{ Oban	-	66	30	b	b	13.4	{ Tunbridge Wells	-	62	42	b	b	12.2
{ Banff	-	44	33	bm	m. o	6.0	{ Margate	-	51	43	b	b	12.5
{ St. Andrews	-	60	30	*	*	11.8	{ Ramsgate	-	52	43	b	b	12.5
{ Harrogate	-	62	39	b	b	12.0	{ Folkestone	-	58	43	b	bc	12.2
{ Scarborough	*						{ Hastings	-	65	45	b	b	12.5
{ Skegness	-	52	45	b	b	12.5	{ Bexhill-on-Sea	-	57	44	b	b	12.0
							{ Eastbourne	-	65	46	b	b	12.3
							{ Seaford	-	68	45	b	b	12.3
							{ Brighton	-	70	46	b	b	12.3
							{ Worthing	-	69	46	b	b	12.0
							{ Littlehampton	-	69	43	b	b	12.6
							{ Bognor	-	70	45	b	b	12.0
							{ Southsea	-					
							{ Bournemouth	-	71	42	b	b	11.5

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
				° F.	° F.						° F.	mm. §
Greenwich (Royal Obs.) ...	55	64	13.2	65	40	30	-	b	b	b
City (Bunhill Row) ...	*	*	12.1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	53	61		67	43	37	-	b	b	b
Camden Sq. (Brit. Rainfall)	45	55	11.3	71	40	35	-	b	b	*
Hampstead (Reservoir) ...	*	55	13.2	66	39	29	-	b	b	b
Richmond Park	*	*	12.8	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	48	55	12.4	1936 Joules		30.9 Milli-watts.		68 Milli-watts.		

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

29th 30th April 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.28	11.50	7.12
Greenwich ...	4.26	11.50	7.13
Wick ...	4.29	11.51	7.16
Valencia ...	4.26	12.2	7.52
	5.16	12.38	7.58
	5.16	12.38	7.58

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 65° and above at many places in England and Ireland, and touched 70° at Bognor, Brighton and Bath, and 71° at Bournemouth. Bright sunshine was abundant except in the Orkneys.

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

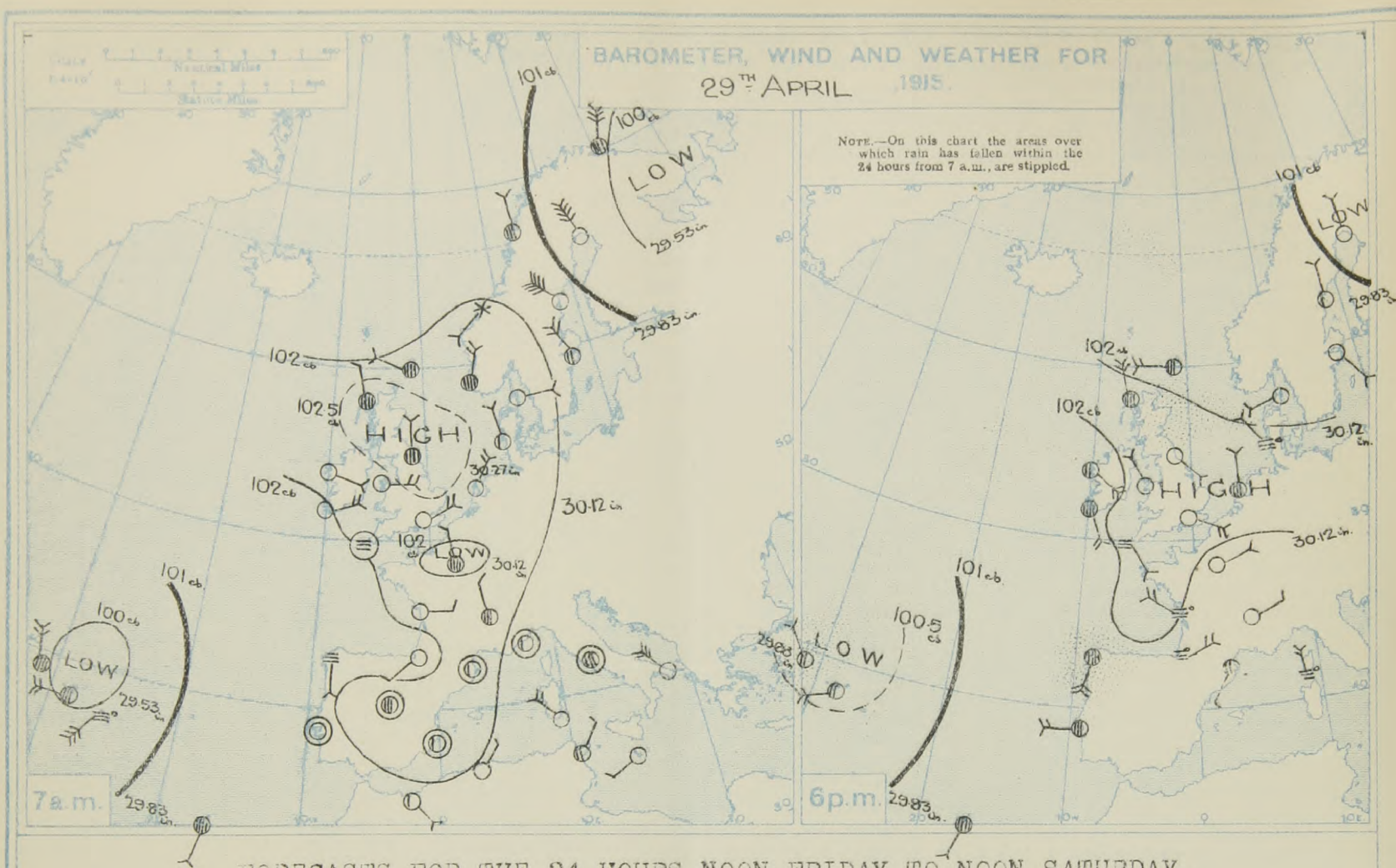
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DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.				
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. Dry Bulb. °F.	Change in 24 hours.	WIND.		Dirac of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.							
				Dirac.	Force 0-12.						Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.					
																						°F.	°F.			
BRITISH ISLANDS.	Lerwick	1018.3	45	W	3	c	1015.3	0	39	-6	N	3	-	c	2	-	46	38	om	c	o.c.p	0.8				
	Deerness	1020.3	43	W	3	o	1015.2	0	41	0	NNE	4	-	o	3	-	47	41	m.o	o	o.c.b	0.8				
	Stornoway	1022.1	48	N	4	o	1016.3	-3	44	+3	NE	1	-	b	1	-	53	37	o.c.p	c.o	o.b	3.1				
	Castlebay (Barra Isd.)	1021.1	44	NW	3	bcm	1014.7	-1	46	-2	NE	4	-	om	4	-	55	44	bm	bcm	bc.b	13.3				
	Glasgow	1020.2	63	WSW	2	b	1016.3	-2	44	+5	ENE	1	SW	c	-	-	65	39	m.b	bz	bc.b	9.4				
	Eskdalemuir	1020.5	61	SW	3	br	1017.7	-1	38	-7	-	0	W	bm	-	-	65	30	br	bd	br.b	13.8				
	Malin Head	1019.6	56	E	2	bcm	1014.7	-2	50	-3	SSW	3	3	cm	2	-	58	49	bm	bm	bcm	13.2				
	Blacksod Point	1019.3	57	W	4	bz	1015.7	-2	49	-2	SSW	3	SW	cm	2	-	66	47	bc	bz	bc.cm	2.9				
	Valencia	1019.3	52	SSE	3	o	1016.8	-1	52	-6	SE	2	-	o	2	-	61	49	bz	c	o	2.0				
	Roche's Point	1021.5	50	E	1	f	1019.0	0	48	-3	SE	3	-	o	3	0.1	54	48	bc	bc.f	f.om	0.2				
	Birr Castle	1019.0	62	SE	1	c	1018.0	0	50	+7	S	1	-	o	2	-	69	42	bc	c	c.o	12.2				
	Donaghadee	1020.4	57	SE	3	bm	1015.6	-2	50	+1	SW	3	-	bm	2	-	59	45	bz	bm	bcm	12.0				
	Liverpool (Bidston)	1020.1	63	SE	2	b	1018.7	-1	46	-2	SSE	1	-	cm	1	-	68	45	b	b	bm	12.0				
	Holyhead	1020.1	56	NW	2	bm	1018.5	0	47	-2	SW	5	-	fe	4	-	65	45	bz	bm	bcm	13.3				
	Pembroke (St. Ann's)	1021.5	50	W	1	bc	1019.7	0	46	-2	SSW	1	S	ogm	2	0.2	55	46	bm	cp	bcm	8.4				
	Scilly (St. Mary's)	1020.2	51	SSE	2	f	1018.9	-1	48	-2	SSE	3	S	om	3	-	52	47	fe	f	f.om	9.0				
	Falmouth	1021.1	52	SE	2	o	1019.0	0	48	-2	W	1	-	o	2	-	53	47	bc.bz	o	o	0.9				
	Jersey (St. Aubin)	1020.9	50	W	3	bef	1020.3	0	44	-10	W	1	-	fe	0	Trace	59	43	b.of	f.bef	fe	12.6				
	Portland Bill	1021.2	52	NW	1	bc	1019.8	0	53	+4	NW	1	-	b	2	-	56	47	b.b	bc	b.b	0.5				
	Dungeness	1020.9	51	NE	4	b	1019.9	0	46	-3	ENE	3	-	f	3	-	56	43	b	b	bfe	0.5				
	Dover	1021.9	50	NNE	4	b	1020.3	0	46	-5	NNE	2	-	om	2	0.1	58	42	b	b	b.bcm	13.5				
Wick	1021.0	44	NW	3	o	1015.8	-3	44	+2	W	2	-	bc	2	-	46	34	om.b	bc.om	bcm	0.6					
Nairn	1020.7	48	NNE	2	bcm	1016.1	0	43	+1	-	0	-	me	1	0.1	53	41	cg.bcm	bm	cm	7.6					
Aberdeen	1020.5	45	S	2	b	1016.5	-1	42	+1	NNE	1	-	od	1	Trace	51	40	o.b	b	bc.and	7.1					
Leith	1019.8	47	E	1	b	1016.3	-3	41	+1	E	1	-	m	0	-	54	39	o.c.bz	bz	b	0.5					
Tynemouth	1021.1	48	SE	2	bm	1017.1	-3	46	+4	W	2	-	bm	2	-	51	41	cm	cm	f	0.5					
Spurn Head	1023.9	49	E	2	bc	1020.3	-2	46	-1	S	2	-	b	3	-	53	44	bc	bc	b	13.4					
Yarmouth	1023.6	47	NE	2	br	1020.6	-1	41	-7	S	2	-	f	1	-	54	39	b	br	om.f	13.7					
Clacton-on Sea	1022.4	51	ENE	3	b	1020.6	0	42	-8	SE	2	-	me	1	-	53	41	b	b	bcm	13.8					
Nottingham	1021.5	62	E	2	b	1019.0	0	44	0	SW	1	W	bm	-	-	65	38	b	b	b	13.6					
Bath	1020.3	68	E	1	b	1020.2	0	44	-2	NW	1	-	m	-	-	70	41	b	bz	b.bcm	12.2					
London (Kew Obsy.)	1021.8	59	ESE	3	b	1020.3	0	45	-2	ESE	1	-	om	-	-	63	40	bz.b	b.bz.b	b.bcm	13.5					
ICELAND, FAEROE, &c.	Spitsbergen																									
	Isafjord																									
	Reykjavik																									
	Vestmanna																									
	Seydisfjord																									
	Thorshavn																									
NORTHERN EUROPE.	Vardø																									
	Bodø																									
	Christiansund																									
	Skudesnaes																									
	Færder (Xlaafjord)	1012.6	45	SSW	4	b	1006.9	-2	45	+4	WSW	6	-	b	3	-	54	41								
	The Scaw (Skagen)	1016.3	50	WSW	2	b	1010.6	0	45	0	W	5	-	b	4	-	50	41								
	Blaavands Huk	1021.0	43	NW	2	m	1017.9	0	41	-4	WNW	3	-	o	3	Trace	46	37								
	Haparanda	1008.0	32	N	2	b	1002.7	-3	30	-2	SSE	2	-	o	0	-	37	21								
	Hernösand	1011.4	41	N	2	b	999.3	-3	41	+2	NW	3	-	c	0	Trace	45	34								
	Stockholm	1014.4	41	SSE	2	b	1002.7	-4	45	+6	WSW	4	-	bc	0	-	48	30								
Wisby	1017.0	39	SW	2	b	1007.4	-3	43	+6	SW	4	-	b	0	-	45	26									
Karlstad	1013.3	46	SSW	2	bc	1005.9	-1	50	+11	WSW	6	-	b	0	-	52	34									
Petrograd (5 a.m. G.M.T.)																										
FRANCE, &c.	The Helder	1023.0	45	N	2	c	1021.0	0	43	-5	SSW	1	-	o	1	-	50	41								
	Brussels																									
	C. Gris Nez	1020.4	50	ENE	5	b	1019.5	0	47	-2	NE	3	-	b	2	-	54	41								
	La Hève	1020.3	48	SW	3	c	1018.0	0	43	-7	W	2	-	f	2	-	72	43								
	Ushant	1021.7	52	S	1	b	1019.4	0	48	-2	S	1	-	3	1	-	57	43								
	Brest (St. Mathieu)	1021.9	56	W	1	b	1020.7	0	48	0	ESE	1	-	0	0	-	68	45								
	Rochefort (Ile d'Atx)	1021.1	59	NW	3	bc	1019.8	+1	52	+1	-	0	-	0	0	-	64	48								
	Biarritz	1018.0	55	NE	3	m	1019.1	+1	52	-4	-	0	-	3	1	-	64	52								
	Paris	1018.0	68	ENE	1	b	1019.4	+1	54	-3	-	0	-	b	0	-	75	45								
	Belfort																									
Lyons	1018.0	66	ENE	1	b	1021.0	0	55	+5	SW	1	-	0	0	-	71	49									
Nice																										
Perpignan	1019.7	59	SW	1	bc	1019.7	+2	59	+5	SSW	1	-	b	0	-	68	46									
Sanguinaire	1017.2	59	N	3	m	1018.6	0	58	+1	SE	1	-	b	0	-	70	50									
SOUTHERN EUROPE.	Corunna (7 a.m.)	1019.1	63	SSW	4	o	1018.3	0	55	+7	SSE	1	-	r	1	-	63	52								
	Madrid (8 a.m.)																									
	Lisbon (9 a.m.)	1017.0	66	W	3	c	1015.4	0	59	+7	N	2	-	bc	3	-	70	52								
	Gibraltar																									
	Rome																									
Azores (Horta, 8 a.m.)	1003.8	0	WSW	4	bc	1005.1	0	60	-1	SSW	4	-	o	2	-	68	57									
Madeira (Funchal)	1017.9	64	SSW	2	o	1017.1	0	59	0	S	2	-	c	2	-	66	59									

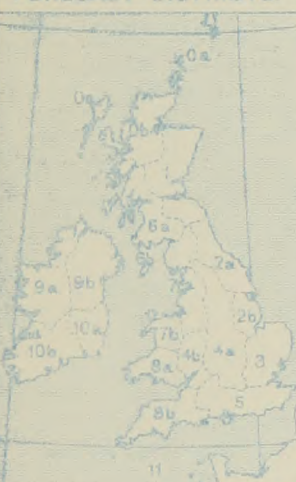
* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



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 11

FURTHER OUTLOOK.

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

W. N. SHAW, Director.

0 } Variable to Southerly winds, light; changeable weather, some mist, fog or rain in places; considerable fair periods; milder.

2 } Light variable to light Southerly winds, mostly fair, some mist or fog locally; moderately warm.

6 } Same as Nos. 0 and 1.

7 } Wind light or moderate, mainly between South and South-West, mostly fair, some mist or fog locally; moderate temperature.

9 } Southerly and South-Westerly winds, light to fresh; a good deal of cloud, some rain later; moderate temperature.

10 } Variable to Southerly winds, light or moderate; some mist or fog, sea slight to moderate.

Millib. Inc.

1050

1040

1030

1020

1010

1000

990

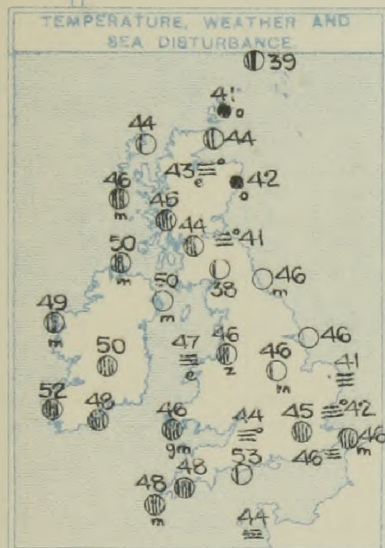
980

970

SYNOPTIC CHART FOR 7 a.m., FRIDAY, 30TH APRIL, 1915.

GENERAL INFERENCE.

It appears probable that before the ensuing 24 hours have elapsed the pressure distribution will become favourable for Southerly and South-Westerly winds.

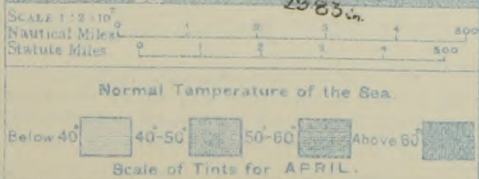


Inches.

31

30

29



59

29.97

10

10

10

EXPLANATION.

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

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

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

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

SEA DISTURBANCE.—Rough. High.

Friday 30th April. 1915.

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

Additional Observations for Yesterday.

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

NOTES ON YESTERDAY'S WEATHER.

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

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

Time

ADDITIONS AND CORRECTIONS

TO THE

DAILY WEATHER REPORT.

APRIL, 1915.

Corrections and additions for the month of April are given on this sheet for stations in the British Isles, Scandinavia, Holland, France and "Southern Europe." The data for stations in Iceland will be published separately in due course. Completed maps will eventually be published in the Weekly Weather Report of the Meteorological Office.

Reports which arrived within 24 hours of the date to which they referred were inserted on Page 4 of the Daily Weather Report of the following day.

ADDITIONS AND CORRECTIONS TO THE

DATE.	STATIONS.	YESTERDAY EVENING.				THIS MORNING 7 A.M., G.M.T.										LAST 24 HOURS.					Sun- shd. for Yester- day. Hours.	
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer.		Temp.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		Weather.			
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.		Night.
1	Ushant	1021.2	46	NE	3	b	1025.2	+	46	+3	NE	3	-	b	4	-	46	41				
	Belfort	1019.1	36	-	0	o	1023.4	+	32	+1	ENE	5	-	m	+	1	37	27				
	Lyons	1017.0	43	NNE	2	o	1021.6	+	32	-3	-	0	+	b	+	-	50	28				
	Madrid	1008.4	54	S	3	c	1016.2	+3	41	-5	WNW	1	+	b	+	1	55	37				
2	Belfort	1022.6	43	ENE	5	m	1026.7	+	34	+2	ENE	4	+	m	+	-	46	31				
3	Belfort	1025.2	46	-	0	m	1025.5	+	37	+3	W	2	+	m	+	-	51	32				
4	Petrograd	1008.1	28	WSW	1	b	1009.7	-	19	+1	WNW	1	-	c	+	-	38	16				
	Ushant	1018.0	50	WSW	5	f	1016.7	+	56	+1	WSW	5	+	f	7	-	56	46				
	Brest	1022.3	50	W	5	m	1018.0	+	50	+2	WSW	4	+	f	4	-	54	48				
	Belfort	1022.7	39	W	3	o	1021.6	+	37	0	-	0	+	f	+	2	46	37				
	Lyons	1015.9	53	NW	4	bc	1021.1	+	54	+12	NNE	3	+	c	+	-	64	42				
	Horta.	*	*	*	*	*	1029.2	+	55	-5	NNE	3	+	c	3	11	66	55				
5	Belfort	1018.0	45	WSW	5	r	1016.6	+	46	+9	WSW	4	+	o	+	4	46	37				
6	Belfort	1011.5	52	WSW	3	c	1009.7	+	43	-3	W	2	+	r	+	2	57	41				
7	Ushant	998.3	50	SW	8	r	998.7	+	51	+3	WNW	5	+	r	7	9	52	46				
	Belfort	1012.8	43	W	3	c	998.0	+	43	0	WSW	6	+	r	+	10	52	37				
	Lyons	1015.0	45	-	0	o	1005.9	+	45	+5	S	3	+	r	+	3	50	40				
	Sanguinaire	1007.9	57	W	3	m	1009.5	+	55	0	W	4	+	m	4	-	68	43				
	Madrid	1017.5	57	WNW	3	c	1021.5	+2	48	+2	W	2	+	o	+	-	53	45				
8	Lyons	1004.0	59	WSW	4	bc	1005.1	+	46	+1	ESE	3	+	bc	+	6	65	44				
9	Petrograd	1003.5	43	SSE	2	o	1001.7	+	37	-2	SSE	3	-	o	+	1	45	37				
	Ushant	1019.4	50	NW	6	b	1023.8	+	48	0	NW	6	+	c	7	-	52	45				
	Belfort	1012.0	43	WSW	6	c	1016.4	+	37	-2	W	6	+	o	+	2	54	36				
	Lyons	1015.3	48	WNW	3	bc	1020.7	+	38	-8	NW	3	+	o	+	6	64	48				
	Sanguinaire	1007.1	54	WNW	6	m	1011.7	+	54	-2	WNW	6	+	bc	6	-	61	36				
	Madrid	1020.6	57	N	1	bc	1031.0	+4	45	-7	-	0	-	b	+	-	44	32				
10	Belfort	1018.4	39	SSE	4	o	1017.3	+	34	-3	SW	4	+	s	+	4	44	32				
	Madrid	1028.0	55	N	2	bc	1030.3	+1	43	-2	-	0	+	bc	+	-	57	?				
	Ushant	1023.5	50	N	5	f	1026.1	+	50	0	N	5	+	f	4	12	52	46				
	Brest	1024.2	52	NNW	4	b	1026.6	-	48	0	NNW	4	+	f	4	9	55	46				
	Belfort	1016.3	37	W	2	c	1018.3	-	46	0	NW	4	-	bc	+	6	54	43				
	Lyons	1016.8	39	NNE	2	bc	1023.0	+	37	-2	NW	3	+	o	+	8	44	36				
	Perpignan	1016.7	45	NW	3	c	1018.9	-	46	0	NW	4	-	bc	+	6	54	43				
	Madrid	1023.5	59	NW	3	b	1023.9	+2	50	+7	-	0	+	f	+	5	39	32				
12	Belfort	1023.9	38	-	0	c	1024.3	+	34	+2	-	0	+	f	+	5	39	32				
13	Petrograd	1025.9	36	-	0	b	1019.7	-	34	-2	ENE	1	-	b	+	-	41	28				
	Ushant	1026.0	50	N	5	o	1024.3	+	46	-4	NE	6	-	bc	4	-	52	43				
	Belfort	1021.3	40	E	3	c	1017.7	+	34	0	-	0	+	m	+	-	41	30				
	Lyons	1019.1	46	N	2	b	1016.4	+	38	-2	N	1	+	b	+	-	52	34				
	Madrid	1019.5	61	NNE	3	c	1017.8	+1	43	-6	NNE	3	-	b	+	-	64	43				
14	Belfort	1012.8	46	-	0	c	1014.0	+	34	0	-	0	+	m	+	-	52	30				
15	Ushant	1024.3	50	NE	3	bc	1024.7	+	43	+2	WSW	3	+	o	+	-	54	45				
	Belfort	1015.4	41	ENE	4	c	1021.8	+	36	+2	-	0	+	m	+	0	48	32				
	Madrid	1015.3	43	-	0	m	1020.3	+1	41	+4	NE	4	-	m	+	-	52	34				
16	Belfort	1022.9	48	ENE	2	c	1026.1	+	41	+5	-	0	-	m	+	-	52	34				
	Lyons	1021.2	52	NNW	4	b	1025.6	+	44	+4	N	1	-	b	+	-	58	37				
	Rome	1021.7	54	-	0	b	1022.4	0	52	+6	NE	2	-	c	+	3	63	46				
17	Petrograd	1011.1	37	WNW	1	b	1010.9	-	36	+4	SSW	1	-	o	+	-	46	32				
	Ushant	1025.7	51	N	2	c	1025.1	+	50	0	NE	4	+	o	3	-	55	46				
	Belfort	1022.1	55	E	2	bc	1022.1	+	41	0	E	2	+	c	+	-	61	39				
	Lyons	1023.4	56	N	1	b	1020.6	+	47	13	N	1	+	b	+	-	62	43				
	Madrid	1017.1	55	NE	4	bc	1018.7	+1	45	0	NE	3	+	c	+	-	57	39				
18	Petrograd	1001.9	43	3	3	o	1000.8	-	37	+1	-	0	-	o	+	3	-	-				
	Belfort	1013.6	54	ENE	5	c	1019.4	+	39	-2	ENE	7	+	s	+	-	64	37				
19	Ushant	1023.4	48	NE	4	b	1024.0	+	48	+5	NE	3	+	b	+	-	52	43				
	Belfort	1015.0	54	ENE	6	m	1017.9	+	43	+4	ENE	4	+	m	+	-	57	39				
20	Belfort	1016.8	55	E	3	c	1018.7	+	44	+1	E	5	+	m	+	-	63	39				
21	Dover	1015.3	45	NW	3	r	.	.	.	.	.	.	.	.	.	.	.	.
	Petrograd	1019.7	32	S	1	o	1019.8	+	43	+4	SE	1	+	bc	+	-	50	43				
	Ushant	1022.0	48	NNE	5	bc	1024.2	+	46	-4	NE	4	+	o	3	-	66	43				
	Belfort	1019.9	59	W	2	m	1017.0	+	45	+1	-	0	+	m	+	-	66	43				
	Lyons	1014.1	63	-	0	b	1016.2	+	50	0	-	0	+	o	+	-	67	49				
	Madrid	1014.9	63	WNW	1	c	1018.0	+2	50	+2	ENE	1	-	b	+	-	66	45				
	Rome	1014.1	59	W	1	b	1014.9	+	54	0	-	0	+	m	+	-	68	52				

REPORTS FOR APRIL, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.							PAST 24 HOURS.							Sun- shine for Yester- day. Hours.			
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	BAROMETEE.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-0.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					° F.	° F.	Max.	Min.		Morning.	Afternoon.	Night.
			° F.						° F.	° F.							° F.	° F.						
22	Belfort	1014.7	57	NW	4	m	1017.2	*	41	-4	ENE	5	*	m	*	3	64	41						
23	Petrograd	1020.4	37	NW	1	o	1024.3	*	37	-8	-	0	-	o	*	-	50	36						
	Ushant	1020.7	50	NNE	3	c	1019.4	*	48	+1	NNE	1	*	o	3	-	63	45						
	Belfort	1014.9	42	ENE	4	r	1013.0	*	37	-4	ENE	3	*	r	*	10	57	36						
	Lyons	1012.7	46	NNW	3	o	1012.3	*	41	-5	N	4	*	o	*	3	47	40						
	Perpignan	1014.0	52	NW	5	o	1012.2	*	48	-2	WSW	2	*	o	*	-	61	46						
24	Belfort	1012.4	29	ENE	4	o	1012.8	*	34	-3	-	0	*	s	*	4	42	34						
25	Ushant	1018.3	50	NE	4	r	1018.0	*	48	0	ENE	3	*	b	3	4	55	41						
	Belfort	1012.0	38	-	0	r	1013.9	*	37	+3	ESE	2	*	f	*	5	45	32						
	Lyons	1012.8	44	NNW	2	o	1013.0	*	40	-1	-	0	*	c	*	1	49	37						
	Nice	1009.5	49	-	0	c	1013.2	*	51	+1	-	0	*	bc	3	-	63	47						
	Madrid	1009.0	54	E	2	m	1013.1	+2	50	+7	ENE	1	*	m	*	-	57	37						
26	Belfort	1016.2	50	ENE	2	m	1019.0	*	46	+9	ENE	4	*	m	*	-	55	37						
27	Petrograd	1006.9	39	WNW	2	b	1011.5	*	34	-2	NW	3	-	b	*	-	52	32						
	Ushant	1021.3	50	ENE	4	bc	1020.7	*	48	+2	ENE	5	*	o	3	-	54	45						
	Belfort	1014.9	59	ENE	4	c	1016.8	*	53	+7	ENE	4	*	m	*	-	64	45						
	Lyons	1013.9	61	W	1	o	1016.8	*	52	+6	S	1	*	o	*	3	65	46						
	Nice	1015.9	54	-	0	c	1017.2	*	48	-7	E	2	*	r	3	1	57	46						
	Madrid	1011.9	54	-	0	m	1017.2	+3	46	+1	-	0	*	m	*	1	57	43						
28	Biarritz	1015.1	57	NNE	2	b	1016.4	*	54	+2	-	0	*	bc	0	-	61	48						
	Belfort	1015.4	59	-	0	c	1020.6	*	51	-2	-	0	*	m	*	2	68	46						
29	Petrograd	999.5	41	WSW	2	o	999.0	*	34	0	WNW	3	-	bc	*									
	Belfort	1013.0	64	-	0	m	1021.9	*	52	+1	W	2	*	c	*	-	66	50						
30	Petrograd	1005.1	27	NNW	2	o	1010.1	*	34	0	W	2	*	b	*	-	27	30						
	Belfort	1017.7	65	-	0	m	1020.7	*	55	+3	-	0	*	m	*	-	71	45						
	Nice	1013.3	57	W	1	b	1020.3	*	56	-3	-	0	*	b	2	-	66	48						
	Madrid	1017.3	64	S	2	bc	1020.8	+2	57	+7	SE	1	-	b	*	-	66	46						

CORRECTIONS

-CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day Hours.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Duration and Extreme Force in British Islands			
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	Date	ADDITIONS.	Date	CORRECTIONS.
				Max.	Min.									
	%	%	Hr.	° F.	° F.	° F.	mm. §							
2 City (Bunhill Row)	.	.	4.0	.	.	.	.	.	.	.	9	<u>Malin Head</u>	6	Delete <u>Eskdalemuir</u> entry
3 City (Bunhill Row)	.	.	3.0	.	.	.	.	.	.	.		8th 7 a.m. - 9th 7 a.m. NW 8		<u>Blackhead Point</u>
14 Richmond Park	.	.	0.0	.	.	.	.	.	.	.		Ex. NW 10 at 11 a.m.		5th 11 p.m. - 6th 7 a.m. SSW 8
20 Richmond Park	.	.	11.4	.	.	.	.	.	.	.
29 Westminster	.	.	12.8	.	.	.	.	.	.	.
30 Westminster	.	.	13.1	.	.	.	.	.	.	.