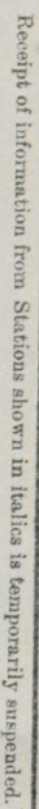


METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS

1ST JANUARY TO 30TH JUNE, 1916.

MAP SHOWING THE
POSITIONS OF THE METEOROLOGICAL STATIONS
THE OBSERVATIONS FROM WHICH ARE USED
IN THE PREPARATION OF THE DAILY WEATHER REPORT



DAILY WEATHER REPORT. APPENDIX I.

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

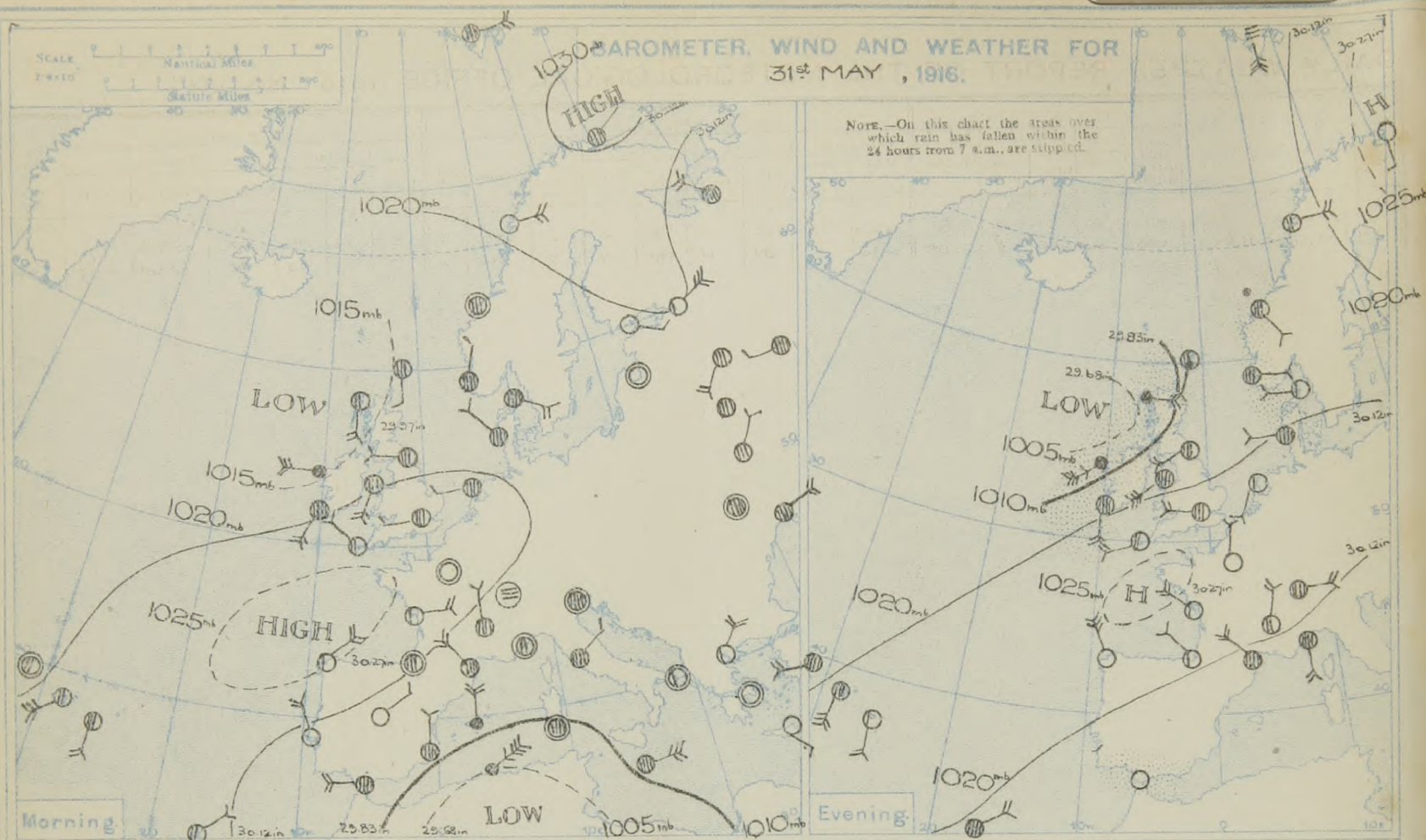
SECOND QUARTER, APRIL TO JUNE.

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

	STATIONS.	PRESSURE. 1906-1915. 7 a.m. Observations (reduced to M.S. Level).	AIR TEMPERATURE.								RAINFALL. 1881-1915. Days with Rain. Total Fall.		BRIGHT SUNSH'NE. 1881-1915. Daily Mean. Per Centage of Possible Duration.	
			Means of				Absolute Extremes.							
			1906-1915.		1881-1915.		1881-1915.							
			Dry Bulb 7 a.m.	Daily Maximum.	Daily Minimum.		Maximum.		Minimum.					
							Temp.	Year.	Temp.	Year.				
		mb.	°F.	°C.	°F.	°F.		°F.		mm.	in.	hr	%	
APRIL.	Lerwick	1010.9	40.9	46.0	36.9	59	1901, 14	21	1899	19	58	2.28	—	—
	Stornoway	1011.9	41.9	49.5	37.5	67	1893	20	1881	19	77	1.03	5.13	36
	Castlebay (Barra Isd.) ..	[1012.6]§	[44.0]§	[48.5]§	[41.1]§	[62]§	[1915]§	[27]§	[1908]§	[20]§	[72]§	[2.84]§	[5.33]§	[38]§
	Eskdalemuir	[1015.9]¶	[39.6]¶	[50.0]¶	[33.9]¶	[67]¶	[1914]¶	[18]¶	[1910]¶	[17]¶	[113]¶	[4.44]¶	[4.60]¶	[33]¶
	Malin Head	1012.6	43.4	[49.7]¶	[40.8]¶	[69]¶	[1914]¶	[26]¶	[1908]¶	[19]¶	[50]¶	[1.97]¶	—	—
	Blacksod Point	1013.9	45.7	[51.5]¶	[41.9]¶	[71]¶	[1893]¶	[29]¶	[1897, 1911]¶	[20]¶	[74]¶	[2.90]¶	—	—
	Valencia	1015.9	45.5	53.4	42.0	70	1892	30	1879, 92, 97, 98, 1906	19	93	3.67	5.33	39
	Roche's Point	1016.1	45.0	52.9	42.2	72	1893	29	1908	16	68	2.68	—	—
	Birr Castle	1015.2	42.2	54.2	38.0	73	1893	21	1892	16	55	2.15	5.13	37
	Donaghadee	1014.6	42.6	51.1	40.2	67	1909	28	1908	16	51	2.00	—	—
	Liverpool (Observatory) ..	1015.2	43.1	52.4	40.2	75	1893	28	1908, 11	14	41	1.61	[5.77]§	[42]§
	Holyhead	1014.9	45.0	51.2	41.5	75	1893	30	1908	14	53	2.08	[6.70]¶	[48]¶
	Pembroke (St. Ann's Hd.) ..	1015.4	44.3	50.6	42.0	70	1893	28	1911	15	50	1.95	5.93	43
	Scilly (St. Mary's)	1015.9	46.7	52.7	44.5	66	1893	30	1911	15	49	1.91	6.03	44
	Falmouth	1016.6	45.7	52.6	42.9	69	1893	29	1911	15	67	2.64	6.13	45
	Jersey (St. Aubin's)	1016.5	47.0	54.5	43.7	77	1893	28	1911	15	49	1.94	6.47	47
	Portland Bill	1015.6	45.2	51.6	42.3	[65]†	[1901, 04]†	[28]†	[1911]†	13	40	1.58	—	—
	Dungeness	1015.1	44.5	51.7	40.5	67	1901	24	1903	13	35	1.36	—	—
	Dover	[1016.1]§	[45.1]§	[52.6]§	[40.0]§	[71]§	[1914]§	[27]§	[1911]§	[14]§	[41]§	[1.60]§	[6.93]§	[51]§
	Wick	1011.7	41.3	49.1	36.8	69	1900	20	1905	18	51	1.99	—	—
Nairn	1012.3	41.0	51.8	35.9	73	1914	18	1908	16	38	1.50	[4.83]‡	[34]‡	
Aberdeen	1013.4	42.2	49.8	37.6	74	1900	22	1908	17	48	1.87	5.27	37	
Leith	1013.7	42.9	52.6	38.1	73	1900	17	1908	14	33	1.29	—	—	
Tynemouth	1014.4	42.0	50.5	37.7	71	1892	23	1908	15	36	1.42	—	—	
Spurn Head	1014.5	43.3	49.8	40.0	70	1915	30	1881, 89, 1903, 05, 11	13	28	1.12	[6.60]¶	[48]¶	
Yarmouth	1015.2	43.3	50.0	39.8	72	1885	27	1911	14	38	1.49	[6.63]§	[48]§	
Clacton-on-Sea	1015.5	43.9	50.9	40.2	[69]‡	[1907, 09, 12]‡	[25]‡	[1911]‡	11	33	1.28	6.03	44	
Nottingham	1015.4	42.4	54.1	37.8	77	1893	23	1888	15	36	1.43	4.97	36	
LONDON (Kew Obsy.)	1016.2	43.2	55.0	39.5	80	1893	27	1887, 91, 11	13	37	1.45	5.23	38	
MAY.	Lerwick	1013.7	44.6	49.9	40.5	63	1895	28	1909	18	53	2.09	—	—
	Stornoway	1013.7	46.9	53.7	41.3	75	1908	26	1906	19	65	2.56	6.16	37
	Castlebay (Barra Isd.) ..	[1014.5]§	[48.2]§	[53.2]§	[44.9]§	[73]§	[1911]§	[32]§	[1909]§	[17]§	[54]§	[2.11]§	[7.23]§	[44]§
	Eskdalemuir	[1016.3]¶	[45.3]¶	[55.7]¶	[38.5]¶	[73]¶	[1915]¶	[24]¶	[1915]¶	[15]¶	[72]¶	[2.85]¶	[5.32]¶	[33]¶
	Malin Head	1013.1	47.6	[54.1]¶	[45.0]¶	[73]¶	[1908]¶	[35]¶	[1886, 91, 97, 1904, 06, 10]	[17]¶	[50]¶	[1.98]¶	—	—
	Blacksod Point	1013.6	49.7	[55.9]¶	[45.8]¶	[75]¶	[1890, 1911]¶	[34]¶	[1910]¶	[19]¶	[72]¶	[2.82]¶	—	—
	Valencia	1014.3	50.6	57.9	46.5	74	1884, 95, 97	34	1885, 96	18	81	3.17	6.55	42
	Roche's Point	1015.0	50.2	57.4	46.5	73	1896	35	1909	15	62	2.43	—	—
	Birr Castle	1014.5	48.7	59.8	42.7	77	1881, 95, 1911	29	1885, 91, 1909, 14	16	57	2.23	5.87	37
	Donaghadee	1014.7	47.5	55.8	44.4	70	1896, 1911	33	1884, 85, 97, 1909	16	58	2.27	—	—
	Liverpool (Observatory) ..	1015.2	49.2	58.2	45.3	80	1895	30	1883	15	48	1.90	[6.84]§	[43]§
	Holyhead	1014.8	49.9	56.0	45.6	74	1895	37	1894, 1901, 07, 09	14	50	1.96	[7.10]¶	[45]¶
	Pembroke (St. Ann's Hd.) ..	1014.7	49.8	55.2	46.1	72	1890, 1910, 11, 15	36	1881, 87, 1904	14	49	1.91	6.97	45
	Scilly (St. Mary's)	1014.9	51.0	56.8	48.2	68	1911	38	1883	13	42	1.67	7.35	48
	Falmouth	1015.6	51.5	57.7	47.0	75	1915	36	1885, 1892	14	56	2.21	7.45	49
	Jersey (St. Aubin's)	1015.9	53.1	60.2	48.1	80	1913	35	1905, 06	13	46	1.82	7.81	51
	Portland Bill	1015.2	50.8	56.9	46.8	[74]†	[1911, 15]†	[36]†	[1900, 02]†	11	40	1.59	—	—
	Dungeness	1015.0	51.2	57.8	46.1	76	1892, 1913	30	1892, 1902	11	33	1.30	—	—
	Dover	[1016.5]§	[52.2]§	[59.6]§	[46.0]§	[77]§	[1909, 13]§	[35]§	[1909, 10]§	[11]§	[35]§	[1.39]§	[7.94]§	[52]§
	Wick	1014.8	45.9	53.4	40.8	71	1891	27	1886, 1902, 09	18	51	2.07	—	—
Nairn	1013.8	46.7	56.8	40.7	78	1888	26	1894, 1914	17	46	1.80	[5.71]‡	[35]‡	
Aberdeen	1014.6	47.8	54.5	41.8	75	1902	29	1884, 91	17	59	2.33	6.03	37	
Leith	1014.5	48.2	57.3	42.8	81	1881	27	1883	14	46	1.83	—	—	
Tynemouth	1015.0	48.0	54.9	42.4	73	1903, 11	29	1891, 1909	14	51	1.99	—	—	
Spurn Head	1014.9	49.4	55.1	45.0	76	1913	34	1891	12	39	1.55	[5.74]¶	[36]¶	
Yarmouth	1015.3	50.4	55.9	45.2	81	1912	32	1891, 92	13	44	1.73	[7.48]§	[48]§	
Clacton-on-Sea	1015.4	51.3	57.5	45.5	[75]‡	[1909, 13]‡	[31]‡	[1902]‡	11	34	1.34	7.52	49	
Nottingham	1015.4	49.4	60.4	43.2	82	1895	27	1881, 1905	15	48	1.89	5.87	37	
LONDON (Kew Obsy.)	1015.8	51.1	61.7	45.0	84	1895	31	1886, 1892	12	44	1.72	6.48	42	
JUNE.	Lerwick	1013.6	48.7	51.9	45.0	70	1891	33	1888	15	45	1.78	—	—
	Stornoway	1013.3	51.5	58.4	46.4	78	1911	31	1888	17	59	2.32	5.93	33
	Castlebay (Barra Isd.) ..	[1015.0]§	[52.2]§	[57.2]§	[49.2]§	[71]§	[1908, 10]§	[41]§	[1913]§	[16]§	[49]§	[1.91]§	[6.37]§	[36]§
	Eskdalemuir	[1015.2]¶	[51.1]¶	[61.2]¶	[43.9]¶	[78]¶	[1911]¶	[30]¶	[1914]¶	[15]¶	[58]¶	[3.05]¶	[5.63]¶	[33]¶
	Malin Head	1014.1	52.0	[58.7]¶	[49.2]¶	[78]¶	[1905]¶	[40]¶	[1902, 07]¶	[16]¶	[54]¶	[2.14]¶	—	—
	Blacksod Point	1015.2	53.9	[60.6]¶	[50.8]¶	[82]¶	[1887]¶	[39]¶	[1912]¶	[17]¶	[71]¶	[2.79]¶	—	—
	Valencia	1016.2	54.7	62.3	51.1	81	1887, 1902	37	1912	17	81	3.20	6.27	38
	Roche's Point	1016.4	54.5	62.4	51.3	80	1887	39	1912	14	68	2.67	—	—
	Birr Castle	1015.7	53.2	64.9	48.4	85	1887	32	1881	15	59	2.31	5.47	33
	Donaghadee	1015.2	51.8	60.7	49.3	77	1887	37	1885	15	59	2.33	—	—
	Liverpool (Observatory) ..	1015.6	54.0	61.6	51.0	85	1893	40	1903, 07	14	56	2.20	[7.00]§	[42]§
	Holyhead	1015.5	54.2	61.0	50.6	78	1888, 96	42	1882, 1912	13	55	2.15	[7.17]¶	[43]¶
	Pembroke (St. Ann's Hd.) ..	1015.8	53.4	60.0	51.3	79	1893	38	1888	13	50	1.98	7.	

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 153. Thursday, 1st June

DATE	STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS					Sun- shine for Yester- day
		Barom. Milli- bars at M.S.L.	WIND.			Weather.	Barom. Milli- bars at M.S.L.	TEMP.		WIND.	Direc. of Upper Cloud	Weather.	Sea 0-9	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
			Temp.	Direc.	Force 0-12.			F.	C.						Max.	Min.	Morning	Afternoon	Night.			
BRITISH ISLANDS.																						
	Lerwick	1011.8	49	S	2	bc	999.9	-2	50	+1	S	2	-	orm	2	8	54	46	cm	cmcb	bcfr	*
	Deerness (Orkney)	1009.9	49	SSE	5	or	997.3	*	51	+1	SSW	4	S	cu	4	7	57	48	bc	bccor	no.c	58
	Stornoway	1005.3	48	E	4	or	1000.4	+3	48	-1	NNW	4	-	or	3	11	53	47	bc	or	or	59
	Castlebay (Barra Isd.)	1004.4	52	SW	5	r	1001.9	0	48	0	NW	3	-	dm	3	16	52	47	opr	r	rdm	61
	Glasgow	1009.6	54	SW	5	orm	1005.3	-2	52	+3	SW	4	-	orm	*	17	55	48	mr	mr	mrjap	60
	Eskealemuir	1011.7	52	SW	7	od	1007.3	-4	50	+3	SSW	4	-	orm	*	28	52	45	or	or.d	odorm	60
	Main Head	1006.9	54	SW	5	bmgb	1002.7	-2	53	+6	SSW	5	-	omgp	5	12	56	44	omr	bmgb	omgp	60
	Blackod Point	1007.5	53	SW	8	orm	1005.9	+1	50	-2	NNW	3	-	ofr	4	7	54	49	ofe	omr	ofr	*
	Valencia	1016.4	55	S	4	o	1011.7	0	54	0	SW	4	SW	o	*	7	54	44	o	op	oorop	60
	Roche's Point	1020.0	55	SW	4	o	1013.9	*	54	+1	SW	4	-	r	4	4	57	43	do	o	od	*
	Birr Castle	1015.3	57	SW	3	o	1009.2	*	55	+2	SW	4	-	r	*	3	59	52	omp	o	or	60
	Donaghadee	1012.3	58	WSW	5	cgbp	1006.9	-2	56	+7	SW	4	SW	omg	3	4	58	47	omr	cgbp	omg	*
	Liverpool (Bidston)	1018.0	58	SW	4	c	1011.1	-1	55	+2	SSW	4	SW	og	3	-	61	51	bc.o	o.b.c.o	og	34
	Holyhead	1017.2	53	SW	6	ogm	1011.0	-2	52	0	SW	6	-	ofeq	6	6	55	51	o.o.p	o.o.p	o.o.p	07
	Pembroke (St. Ann's)	1021.8	53	SW	4	c	1016.0	-2	52	+1	SW	5	-	or	5	1	51	51	c	c	op	16
	Scilly (St. Mary's)	1024.6	57	WSW	3	bc	1019.6	-3	55	+1	SW	4	W	o	4	-	62	53	bc	bc	bc.c.o	13.8
	Falmouth	1023.9	57	SW	5	bc	1019.1	-2	54	0	SW	4	-	o	*	-	62	51	bc.c	bcg	b.b.c.o	14.5
	Jersey (St. Aubin)	1025.1	58	W	3	b	1022.4	*	56	+1	SW	3	-	b	2	-	60	44	b	b	b	13.3
	Portland Bill	1023.4	54	WSW	2	bc	1020.6	-2	53	-1	SW	4	SW	bc	4	-	57	52	b.b.c	bc	bc	*
	Dungeness	1021.5	56	WSW	4	c	1021.0	0	54	+4	SW	3	SW	bc	3	-	63	49	f.b.c	bc	b.w.b.c	*
	Dover	1022.2	55	SW	4	bcvz	1020.8	0	55	+2	SW	3	SW	bc	3	-	64	48	b.b.c	bc.bz	bc.bz	10.3
	Wick	1006.8	49	S	3	r	996.4	-2	54	+4	SSW	3	-	o	3	5	54	47	c.b.c	bc.orr	rog	*
	Nairn	1006.4	50	E	1	or	999.0	*	58	+8	SW	5	-	bcg	4	7	58	49	b.c.o	d.o.	bcg	4.2
	Aberdeen	1010.0	50	SSE	4	r	1002.2	-1	56	+4	SSW	3	SW	bc	2	3	58	50	b.c.o	or	or.b.c	4.6
	Leith	1009.6	58	SW	2	o	1003.5	-2	56	+7	SW	2	SW	c	3	5	59	49	c.o.p	o.d.o	ogr.c	*
	Tynemouth	1014.6	58	SW	3	omg	1009.0	-3	56	+5	SW	4	-	omg	3	Trace	58	51	omg	omg	omg	*
	Spurn Head	1018.6	62	W	4	o	1015.7	-1	53	+4	SW	4	-	c	4	-	66	51	bcn	bc.o	o.b.c	7.8
	Yarmouth	1020.8	55	SW	4	c	1018.4	-2	55	+4	SW	3	-	c	2	-	57	50	b.b.c	bcn	cm.b.c	6.3
	Clacton-on-Sea	1021.1	62	S	2	c	1019.4	-1	57	+2	SW	4	W	c	3	-	65	53	bc.c	cz	cz.b.c	9.1
	Nottingham	1019.3	61	W	4	o	1013.5	*	55	+3	SW	4	SW	o	*	-	65	51	b.c.c	c.o	o.c	5.4
	Benson (Oxon.)	1021.9	63	SSW	2	b	1018.8	-1	52	+1	SSW	4	-	o	*	-	67	47	b	bc	bcg	*
	St. Farnborough	1021.6	64	WSW	4	bc	1014.5	-1	56	+2	WSW	3	-	o	*	-	70	50	b.b.c	c.b.c	b.c.o	11.9
	London (Kew Obs.)	1021.7	66	W	3	c	1019.9	-1	56	+4	SW	3	-	o	*	-	68	51	om.b.o	o.c.b.c	c.b.c	10.4
	Spitsbergen	1018.7	31	SSE	6	f	1014.4	-1	34	0	S	5	*	o	*	34	30	UPPER AIR. South Farnborough. Pilot Balloon Ascent at 6.45 am				
	Vardø	1027.4	32	S	1	b	1019.5	-3	39	+7	SE	2	-	b	2	*	39	28	1200 metres. SW by W. 16 m/s			
	Bodø	1017.6	52	E	4	bc	1013.6	-3	52	0	E	4	-	c	2	-	55	46	900 metres SW by W. 17 m/s			
	Christiansund	1013.3	48	SE	2	c	1010.3	-3	50	0	-	0	-	b	3	4	55	45	600 metres W.S.W. 11 m/s			
	Skudesnaes	1016.3	52	E	2	c	1009.0	-3	48	-2	ESE	9	-	r	4	2	55	50	300 metres W.S.W. 9 m/s			
	Færder (Hafslund)	1016.6	54	W	2	b	1019.3	0	50	-2	W	6	N	o	3	5	55	45	Surface. SW by W. 6 m/s			
	The Scaw (Skagen)	1020.7	52	W	2	o	1019.1	+1	54	+4	S	3	-	o	2	-	54	48	GALES. Duration and Extreme Force in British Islands.			
	Blaavands Huk	1020.7	52	W	2	o	1019.1	+1	54	+4	S	3	-	o	2	-	54	48	Glasgow: 31st May. SW. 8 during night.			
	The Helder	1021.6	55	SSW	2	b	1019.4	0	56	+6	SSW	3	S	b	1	-	57	46	Blackod Point: 31st May. SW. 8. 15h - 22h.			
	C. Gris Nez	1021.9	55	WSW	4	bc	1021.0	-1	54	-1	W	4	*	bc	3	-	63	50				
	La Hève	1024.3	55	NNW	3	bc	1023.3	*	53	-2	WSW	2	*	b	2	-	64	52				
	Brest (St. Mathieu)	1026.7	59	NNW	2	b	1023.7	-2	57	0	SW	4	*	c	3	-	63	50				
	Roche fort (Ile d'Aix)	1023.0	63	NW	4	b	1022.6	0	57	+7	NE	2	*	b	*	-	79	54				
	Biarritz	1022.1	63	NW	2	c	1022.1	0	63	+2	N	1	*	b	2	-	70	57				
	Paris	1022.6	66	N	2	b	1023.1	0	57	+3	-	0	NW	b	*	-	72	43				
	Belfort	1023.9	57	E	3	o	1022.0	*	61	+7	ENE	4	*	m	*	-	63	46				
	Lyons	1020.8	63	NNE	3	bc	1020.3	*	56	0	N	2	*	bc	*	-	70	52				
	Nice	1013.2	70	S	3	o	1013.2	+2	68	+4	-	0	*	bc	2	-	75	61				
	Perpignan	1017.6	66	NW	4	o	1017.0	0	66	+3	N	4	-	b	*	-	72	61				
	Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
	Corunna	1022.9	63	NNW	5	b	1022.9	0	59	+2	-	0	-	b	1	-	64	50				
	Madrid	1016.3	53	NNE	2	b	1020.2	+1	59	+2	NNW	2	-	b	*	-	72	48				
	Lisbon	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
	Azores	1021.1	*	S	5	c	*	*	*	*	*	*	*	*	*	*	*	*				
	Madeira	1019.9	66	NE	3	o	1019.9	0	59	0	NE	3	-	o	3	-	68	59				
	Gibraltar	1016.9	66	E	4	b	1018.9	*	65	+2	E	4	*	b	3	1	73	59				
	Malta	*	*	*	*	*	1007.9	0	68	+2	ESE	3	-	m	4	Trace	70	66				
	Limassol	*	*	*	*	*	1010.6	+1	79	+6	-	0	-	b	0	-	79	55				
	Alexandria	1014.9	70	NNW	2	b	1015.5	+2	73	+1	N	3	-	b	2	-	77	68				
	Cairo (Helwan)	1013.0	75	NE	3	b	1014.6	+2	70	-2	N	2	-	b	*	-	90	63				
YESTERDAY'S REPORTS																						
31st May 1916. 11 a.m. G.M.T.																						
	Venice	1013.7	68	-	0	b	1015.6	0	66	+3	-	0	-	b	3	-	72	63				
	Turin	1015.3	63	-	0	bc	1016.7	0	66	+9	-	0	-	o	*	1	70	59				
	Pesaro	1014.7	68	-	0	b	1016.0	0	66	0	WNW	2	S	b	4	-	73	59				
	Leghorn	1014.6	66	-	0	b	1014.8	0	64	0	-	0	-	b	1	-	72	59				
	Rome	1015.3	66	-	0	bc	1014.2	0	68	0	NE	1	-	o	*	-	77	61				
	Viesti	1015.9	66	-	0	b	1015.9	0	68	+2	-	0	-	b	1	-	73	59				
	Brindisi	1015.0	64	ESE	1	b	1015.0	0	66	+3	-	0	NW	b	1	-	73	59				
	Cagliari	1011.0	72	SE	4	b	1008.4	0	59	0	?	4	E	o								



FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



0 } Moderate Westerly or North-Westerly winds, fresh at times; dull, some rain, fairer intervals; rather cold.

2 } Moderate or fresh winds between South-West and West; cloudy, occasional rain; temperature rather below normal.

6 } Same as Nos. 0 and 1.

8 } Same as Nos. 2 to 5.

11 } Moderate Westerly or South-Westerly winds; slight sea; fair.

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. North Cone. South Cone. North Cone.

No Warnings Issued.

Western Channel and Bay 11

FURTHER OUTLOOK.

SYNOPTIC CHART FOR THE MORNING OF THURSDAY, 1ST JUNE, 1916.

GENERAL INFERENCE.

The Northern depression will pass eastwards but secondaries are likely to cause a continuance of rather unsettled weather.



EXPLANATION.

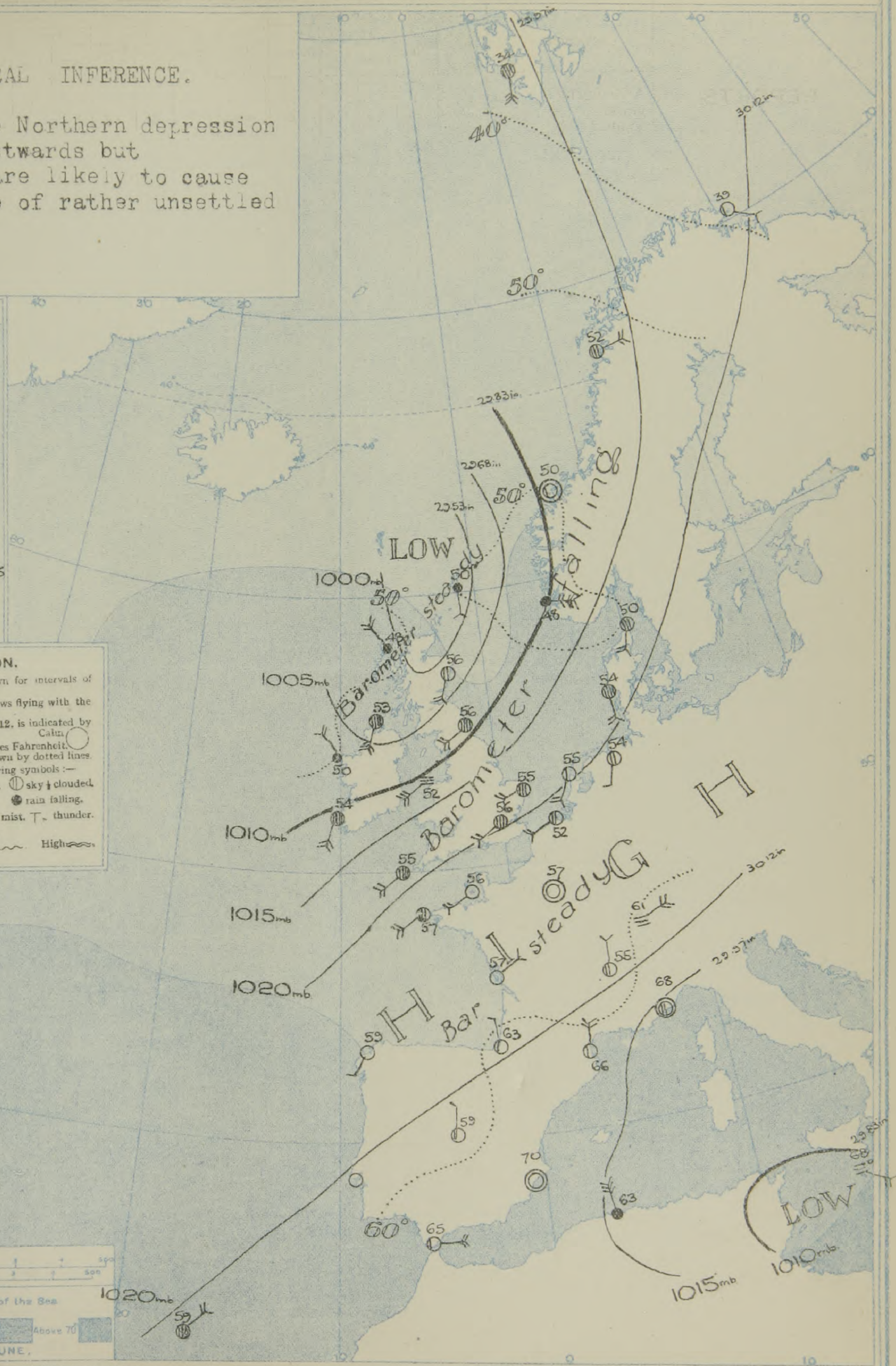
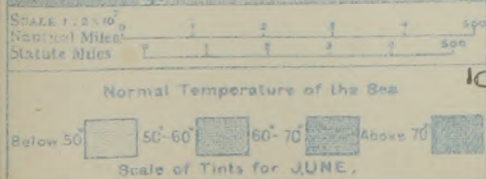
BAROMETER.—Isobars are drawn for intervals of five millibars.

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 1/2 clouded. ○ overcast sky. ○ rain falling.
✱ snow. ▲ hail. ≡ fog. ≡ mist. T. thunder.
⚡, thunderstorm.

SEA DISTURBANCE.—Rough ~~~~ High ~~~~



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	30 th May at 9 P.M. LOCAL TIME					1 st June at 7 A.M. LOCAL TIME.										Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETERS.		TEMP.		WIND.		Direc. of Upper Cloud.	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.									
Archangel ...	-	-	-	-	-	-	-	-	-	-	-	*	-	-	-	*	-			
Gorki ...	10171	54	-	0	b	10164	?	54	+9	-	0	*	0	*	-	*	46.			
Veliki Luki ...	-	-	-	-	-	10159	*	54	-	-	0	*	0	*	-	*	46.			
Hangö ...	10167	46	W	3	bc	10197	?	52	+6	ESE	2	*	3	*	-	*	41			
Riga ...	10204	52	-	0	b	10198	0	55	0	-	0	*	3	*	-	*	45			
Petrograd ...	10136	50	NW	2	0	10200	+7	37	-17	ENE	5	N	3	*	-	57	36			
Moscow ...	10122	54	WSW	1	bc	10126	+1	48	0	W	1	*	0	*	-	*	46.			
Kiev ...	10190	48	ENE	2	0	10191	0	50	+7	NNE	2	*	C	*	?	*	41			
Kharkov ...	10176	48	NE	2	b	-	-	-	-	-	-	*	-	*	-	*	-			
Kishinev ...	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	*	-			
Elisabetgrad ...	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	*	-			
Nicolaiev ...	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	*	-			
Odessa ...	10111	63	SSE	2	0	-	-	-	-	-	-	*	-	*	-	*	-			
Tarkhankout ...	10107	63	S	1	0	10104	?	61	0	ESE	4	*	0	*	-	*	57			
Soukhoum ...	10113	61	-	0	bc	10070	?	63	-	-	0	*	0	*	-	13	?			

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 31st	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17h.	STATIONS.	Sun- shine for 31st	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	°F.	°F.						Mm.	Mm.	°F.	°F.			
Scotland.									England, E.								
(Oban ...)	*	*	*	54	46	r	0	0.7	(Lowestoft ...)	2.4	9	-	57	46	of	c	6.0
(Banff ...)	1.8	5	1	57	38	bc	c.or.	6.3	(Felixstowe ...)	3.7	-	-	62	50	bc	bc.	8.9
(Carnoustie ...)	*	*	*	56	48	bc.or	r	4.6	(Walton-on-Naze ...)	4.1	-	-	65	49	b bc.b	bc.c	8.5
(St. Andrews ...)	*	-	1	56	40	op	op	1.8	(Southend-on-Sea ...)	0.8	-	-	70	50	b bc	c bc	6.5
Eng. N.E.									England, S.E.								
(Harrogate ...)	5.7	-	-	59	42	bc.c.o	a.c	3.5	(Margate ...)	2.7	-	-	67	49	b	bc	6.8
(Skegness ...)	0.0	0.1	-	66	45	bc	bc	7.0	(Ramsgate ...)	3.5	-	-	66	49	b	bc.c	8.1
Eng. N.W.									(Hastings ...)	*	-	-	66	49	bc.b	b	11.2
(Morecambe ...)	14.1	-	4	58	49			1.8	(Eastbourne ...)	2.1	-	-	63	47	bc.b	b	10.6
(Blackpool ...)	-	-	-	-	-	-	-	-	(Seaford ...)	Trace	-	-	61	46	b	b	10.8
(Southport ...)	14.2	-	-	59	51	c.o.c	c.c	2.0	(Brighton ...)	-	-	-	-	-	-	-	-
Midlands.									(Worthing ...)	3.5	-	-	65	47	b	b	11.7
(Buxton ...)	-	-	-	-	-	-	-	-	(Littlehampton ...)	3.2	-	-	63	43	b	b	11.5
(Leamington Spa ...)	3.0	-	-	65	47	bc	bc.c	7.8	(Bognor ...)	2.9	-	-	63	46	bc.b	bc.c	12.7
(Malvern ...)	9.2	-	-	63	48	bc	bc.c	7.8	(Bournemouth ...)	*	-	-	66	48	b	bc	11.7
(Ross-on-Wye ...)	8.4	-	-	65	44	b bc	bc.c	8.0	England, S.W.								
Wales.									(Weymouth ...)	*	-	-	67	49	bc	bc	11.8
(Rhyl ...)	13.6	-	-	61	46	bc	c bc.c	3.2	(Torquay ...)	10.0	-	-	64	47	bc.b	bc	9.0
(Colwyn Bay ...)	*	-	-	61	50	bc	c	3.0	(Paignton ...)	-	-	-	-	-	-	-	-
(Llandudno ...)	*	-	-	61	48	c	c	4.5	(Penzance ...)	14.1	-	-	60	46	bc	bc.c	8.8
(Aberystwyth ...)	*	-	-	57	48	c.c.b	c.c.c	3.5	(Newquay ...)	13.8	-	-	60	50	b	b	10.0
(Tenby ...)	11.2	-	-	66	45	-	-	3.4	(Bude ...)	11.7	-	-	62	50	b	b	10.0
									(Ilfracombe ...)	-	-	-	-	-	-	-	-
									(Weston-s-Mare ...)	11.3	-	-	61	49	bc.b	bc.c	10.2

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total 2010 Joules.	Average Rate. 34.5 Milliwatts.	Max. Rate. 77 Milliwatts.	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	Hours of Observation G.M.T.					
				Max.	Min.											
24 HOURS ENDED 9 h. To Day																
%	%	Hr.	F.	F.	F.	mm.					Morning.	Evening.		Morning.	Evening.	
Greenwich (Royal Obs.) ...	4.9	74	8.7	71	51	40	-	0	0	0.0	British Isles ...	7	18	Corunna ...	7	16
City (Bunhill Row) ...	*	*	8.0	*	*	*	*	*	*	*	France ...	7	18	Madrid ...	8	16
Westminster (St. James's Pk.)	4.4	72	8.9	70	53	48	-	0.0	0.0	0.0	Norway ...	7	18	Lisbon ...	7	21
Camden Sq. (Brit. Rainfall)	4.2	67	9.6	72	52	50	-	0	0	-	Denmark ...	6	18	Azores ...	8	17
Hampstead (Reservoir) ...	*	74	9.4	67	49	40	-	0.0	0	0.	Holland ...	6	17	Madeira ...	7	21
S. Kensington (Museum Grounds)	*	71	9.7	67	52	51	-	0	0.0	0.0	Italy ...	7	18	Malta ...	8	-
Richmond Park ...	*	*	10.5	*	*	*	*	*	*	*	Egypt ...	6	18	Limassol ...	6	-
Kew. (See front page.)	*	*	10.4	*	*	*	*	*	*	*						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																

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

1st June 1916.	Sunrise.	Noon.	Sunset.
Yarmouth ...	3.38	11.51	20.42
Greenwich ...	3.37	11.51	20.5
Wick ...	3.16	11.10	21.2
Valencia ...	4.29	12.39	20.49

NOTES ON YESTERDAY'S WEATHER.

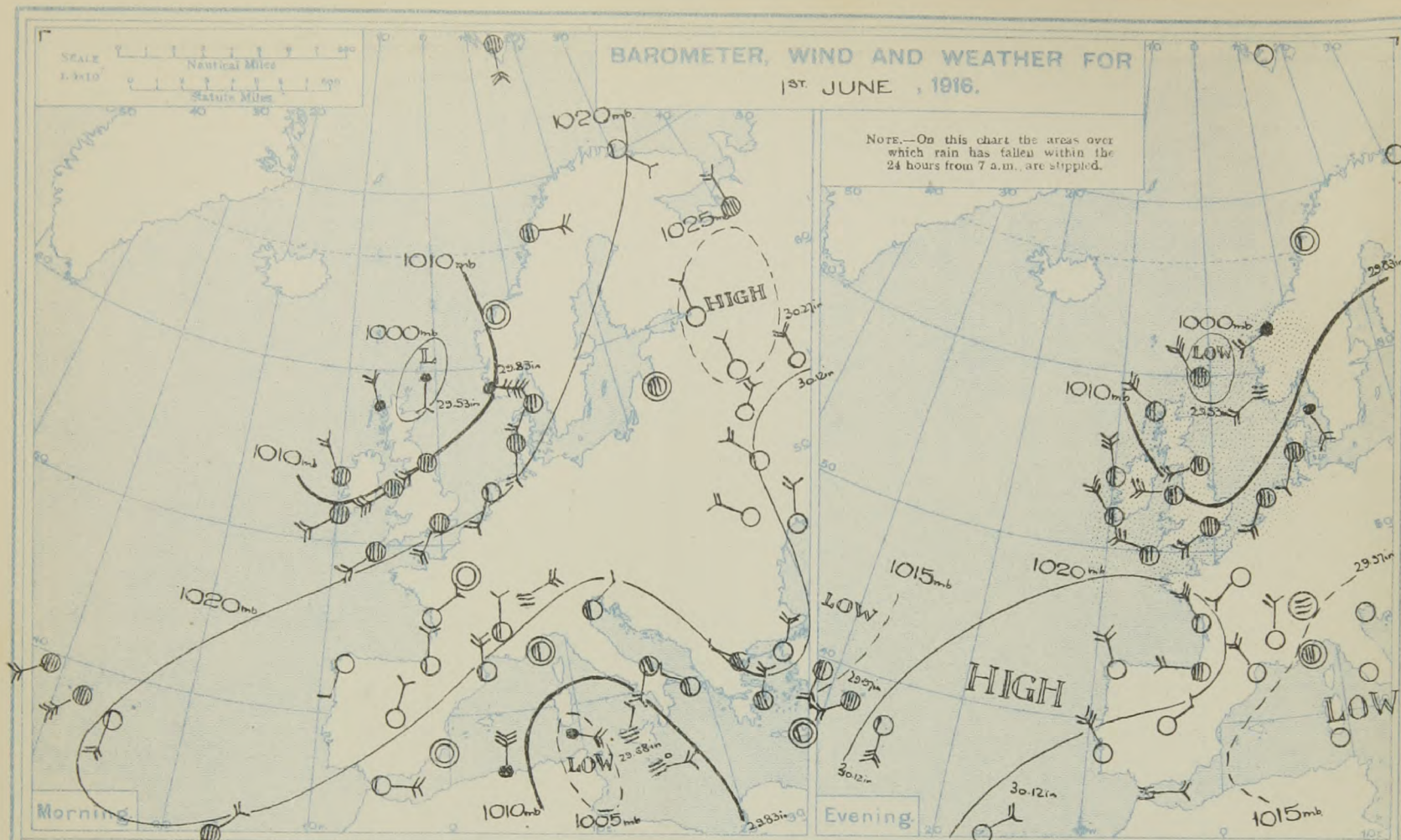
Rain fell heavily in the North, 28 mm. at Eskdalemuir. 14 hours of bright sunshine was measured at Scilly but only along the South coast were measurements at all large. Gales were experienced locally in the North.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 154. Friday 2nd June

DATE.	STATIONS	YESTERDAY EVENING				THIS MORNING										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.	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.																
BRITISH ISLANDS.	Lerwick ...	9972	50	NW	5	om.	9994	0	44	-6	NW	6	.	omg	5	1	54	43	omg	om.	omg																		
	Deerness (Orkney)	10010	48	NW	5	og	10037	*	46	-5	NW	7	W	cg	6	1	55	43	c	og	og	2.0.																	
	Stornoway	10061	51	NW	5	bcg	10098	+2	44	-4	NNE	3	.	op	3	1	52	42	or.bcg	bcg	bc.op	8.1.																	
	Castlebay (Barra Isd.)	10087	51	WNW	4	bc	10111	0	48	0	WNW	2	NW	bc	4	2	53	44	dm.o.c	c.bc.	op.bc	7.3.																	
	Glasgow	10044	50	W	3	ov.	10110	+2	49	-3	WSW	4	W	bc	*	8	59	42	r.o.c.p.m	o.r.o	c.b.b.c	2.9.																	
	Esksdalemuir	10034	47	NW	3	or	10120	+1	45	-5	W	4	NW	o	*	15	52	41	orm.fe	ote.or	or.bcg	0.0.																	
	Malin Head	10093	51	NW	5	bg	10129	0	48	-5	NW	6	W	cg	7	2	53	44	omg	omg	og	3.8.																	
	Blacksod Point	10153	51	NNW	5	bc	10174	-1	49	-1	NNW	4	NW	bc	3	6	53	45	om.r	bc	bc.om.r	*																	
	Valencia	10184	54	NNW	5	bc	10217	0	49	-5	W	3	.	op	*	1	56	48	op.c	c.bc.b	bc.c	6.6.																	
	Roche's Point	10161	56	NNW	4	bc	10213	*	50	-4	NW	2	.	o	1	1	59	46	dm.op	o.bc	b.o	*																	
	Birr Castle	10133	56	W	2	c	10200	*	50	-5	W	2	.	c	*	5	57	42	c.or	c	c	3.5.																	
	Donaghadee	10084	51	NW	5	bcg	10142	+1	48	-8	W	4	.	bc.m	3	8	60	44	omom.r	omg	bc.m	*																	
	Liverpool (Bidston)	10095	55	W	6	o	10156	+2	48	-7	W	4	W	bc	4	1	61	47	op	o.c	bc	0.9.																	
	Holyhead	10111	51	W	5	c	10170	+2	48	-4	W	4	W	bc	3	4	55	46	ofeg	f.op.c	bc.bbc	2.0.																	
	Pembroke (St. Ann's)	10140	53	WSW	4	c	10202	+1	50	-2	NW	3	.	b	3	3	57	46	fr	cf.	bc.b	1.5.																	
	Scilly (St. Mary's)	10177	57	WNW	5	c	10221	+1	52	-3	N	3	N	c	1	1	58	49	op.m	omd.m	omd.bc	2.4.																	
	Falmouth	10169	59	W	4	bc	10206	+2	55	+1	N	4	.	bc	*	2	59	47	ogdg	ogdm.c	odm.b	1.4.																	
	Jersey (St. Aubin)	10190	58	W	3	c	10189	*	55	-1	NW	2	.	c	2	1	62	52	bc	c.bc.c	c.op.c	12.0.																	
	Portland Bill	10155	53	W	6	o	10183	+2	54	+1	W	3	.	b	3	0.1	55	50	c.op	op	bc.c.b	*																	
	Dungeness	10163	54	SW	4	o	10167	+2	57	+3	NNE	2	.	b	1	.	59	48	bc.c.c	c.o	o.c.b	*																	
	Dover	10161	53	SSW	6	o	10169	+2	55	0	NW	4	.	b	2	1	58	46	bc.b.c	bc.c.o	op.c.b	5.8.																	
	Wick	10017	49	NW	4	o	10056	+2	43	-11	NNW	4	NW	r	3	3	60	43	og	og	omg	*																	
	Nairn	10036	50	NW	3	ou	10084	*	45	-13	WNW	2	.	cu	2	3	58	41	op.opg	og	g.opg	2.1.																	
	Aberdeen	10024	49	NNW	3	r	10071	+2	49	-7	WNW	5	.	b	2	15	61	44	bc.op	or	o.o.bc	2.0.																	
	Leith	10025	50	NNW	2	r	10100	0	46	-8	W	2	W	bc	3	6	64	44	c.b.o	op.or	r.o.b.c	*																	
	Tynemouth	10021	57	WSW	4	omg	10110	+3	49	-7	NW	5	NW	bcg	3	4	59	44	omg	omg	bcg	*																	
	Spurn Head	10083	59	SW	7	cg	10135	+1	54	-1	NW	7	.	bcg	6	3	63	46	or	or.cq.	bc	2.5.																	
Yarmouth	10133	56	SW	3	or	10154	+3	49	-6	NW	3	.	b	2	1	65	44	c.o	op.r	or.b.c	1.8.																		
Clacton-on-Sea	10148	57	SSW	5	o	10165	+1	53	-4	WNW	3	NW	bc	2	.	63	46	c.o	op.d	o.c.bc	0.8.																		
Nottingham	10089	58	SW	5	c	10149	*	49	-6	N	1	S	o	*	4	60	44	op	op.c	c.or.b	0.1.																		
Benson (Oxon.)	10136	55	SSW	5	r	10177	+2	52	0	W	2	W	bc	*	0.3	58	36	o	orm	o.o	*																		
Sth Farnborough	10143	56	SSW	5	o	10173	+1	54	-2	WNW	2	W	b	*	1	60	43	o	oro	o.o.b	0.5.																		
London (Kew Obsy.)	10143	59	SW	4	o	10181	+1	52	-4	W	2	NW	b	*	Trace	62	46	o	op.o	o.b	0.0.																		
NORTHERN EUROPE.	Spitsbergen											*		*				UPPER AIR																					
	Vardö											*		*				South Farnborough																					
	Bodö	10070	52	-	0	b	10004	-2	48	-4	E	2	-	o	2	.	52	45	Pilot Balloon Ascent at																				
	Christiansund	10021	54	SW	3	r	9968	-3	57	+7	NE	1	-	o	2	4	57	48	2400 metres. W.Sy.N. 9 m/s.																				
	Skudesnaes	10039	50	SSE	4	f	9915	-2	48	0	E	4	-	r	4	4.5	50	48	2100 " W.Sy.N. 9 "																				
	Færder (X'tania Fjord)																		1800 " W.N.W. 8 "																				
FRANCE, &c.	The Scaw (Skagen)	10132	52	SSE	4	r	10026	-8	52	+2	S	4	S	r	4	5	54	50	1500 " W.N.W. 8 "																				
	Blaavands Huk	10144	55	SSW	2	o	10075	+2	50	-4	WSW	6	-	o	5	2	59	48	900 " N.W.Sy.W. 5 "																				
																			600 " N.W.Sy.W. 5 "																				
																			300 " N.W. 6 "																				
																			Surface. W.N.W. 3 "																				
SOUTHERN STATIONS.	The Helder	10153	57	SSW	4	c	10137	0	54	-2	W	4	-	c	4	Trace	61	52	Falmouth. 7.15 m.																				
	C. Gris Nez												*						2,700 metres WNW 13 m/s																				
	La Hève	10190	61	NW	2	b	10191	*	55	+2	NW	3	*	o	3	.	66	52	2,400 " NW.W. 9 "																				
	Brest (St. Mathlen)	10210	57	WSW	4	o	10205	+1	57	0	N	3	*	b	3	.	61	50	2,100 " N.W. 11 "																				
	Rochefort (Ile d'Aix)	10211	62	NW	5	b	10210	0	57	0	NW	3	*	o	*	.	68	55	1,800 " NW.Sy.N. 8 "																				
	Biarritz	10212	64	W	3	c	10221	0	59	-4	WSW	2	*	bc	2	.	64	57	1,500 " N.W. 8 "																				
	Paris	10180	66	SW	2	b	10177	0	57	0	NNW	2	-	o	*	Trace	75	54	1,200 " NW.Sy.N. 11 "																				
	Belfort	10181	64	-	0	m	10186	*	57	-4	W	4	*	m	*	.	70	50	900 " N.N.W. 7 "																				
MEDITERRANEAN.	Lyons	10168	70	N	2	b	10179	*	64	+9	NNW	1	*	b	*	.	79	61	600 " N.N.W. 6 "																				
	Nice	10133	68	-	0	c	10128	0	68	0	-	0	*	b	0	.	79	61	300 " N.Sy.W. 6 "																				
	Perpignan	10158	75	NW	4	b	10180	+1	70	+4	NW	3	-	b	*	.	79	61	Surface. N.Sy.W. 5 "																				
	Sanguinaire	*	52	S	3	r	*	*	69	-	E	2	*	c	3	.	75	55																					
	Corunna	10220	61	NNW	4	b	10231	+2	57	-2	-	0	-	b	1	.	66	52																					
	Madrid	10160	72	NE	1	b	10198	+2	63	+4	-	0	-	b	*	.	75	54																					
	Lisbon	10164	75	NNW	4	b	10175	+1	66	-	N	3	-	b	2	.	79	63																					
	Azores	10172	*	SW	5	o	10162	+2	59	-5	SSE	0	*	r	4	32	72	59																					
Madeira	10190	64	NE	3	b	10195	0	59	0	NE	3	-	b	3	.	66	59																						
Gibraltar																																							



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.

South
Cone.

North
Cone.

Signals hoisted this morning.

South
Cone.

North
Cone.

No Warnings
Issued.

Western Channel and Bay 11

- | | | | |
|----|---|---|--|
| 0 | a | } | Strong North Westerly winds, moderating later and backing Westerly; fair, showery; rather cold. |
| 0 | b | | |
| 1 | a | } | Fresh North Westerly winds, moderating and backing Westerly; fair, showery; temperature rather cool. |
| 1 | b | | |
| 2 | a | } | Light or moderate North-Westerly winds; fair weather; rather cold. |
| 2 | b | | |
| 3 | a | } | Same as No. 2. |
| 3 | b | | |
| 4 | a | } | Light or moderate North-Westerly or Westerly winds; fair, some showers; rather cold. |
| 4 | b | | |
| 5 | a | } | Light winds between North and West; slight sea; fair. |
| 5 | b | | |
| 6 | a | } | |
| 6 | b | | |
| 7 | a | } | |
| 7 | b | | |
| 8 | a | } | |
| 8 | b | | |
| 9 | a | } | |
| 9 | b | | |
| 10 | a | } | |
| 10 | b | | |

FURTHER OUTLOOK.

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

NAPIER SHAW, Director

Millibar

1050

BAROMETER

WIND—Direction

Force

TEMPERATURE

WEATHER—

Clear sky

Partly cloudy

Cloudy

Sea Disturbance

1040

1030

1020

1010

1000

990

980

970

960

950

940

930

920

910

900

890

880

870

860

850

840

830

820

810

800

790

780

770

760

750

740

730

720

710

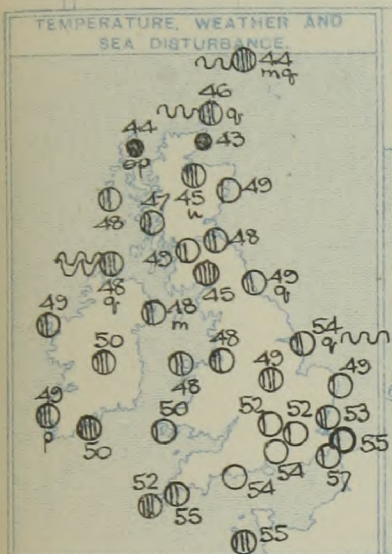
700

SYNOPTIC CHART FOR THE MORNING OF FRIDAY, 2ND

JUNE, 1916.

GENERAL INFERENCE.

The depression over Southern Norway is passing away eastward and quieter conditions will prevail for a time.



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.

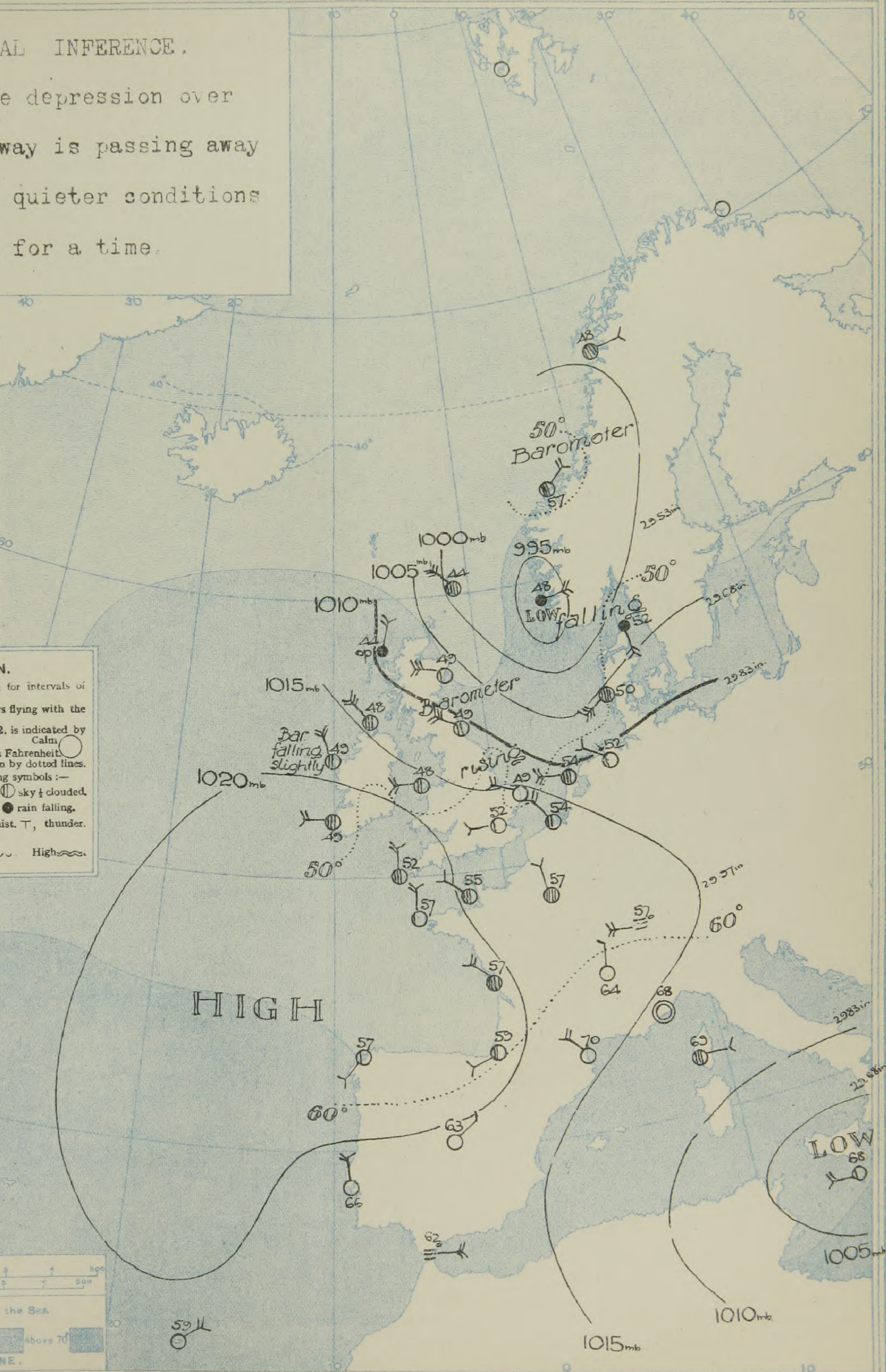
WEATHER.—Shown by the following symbols:—

○ 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 ~



SCALE 1:2 x 10⁴
Nautical Miles
Statute Miles

Normal Temperature of the Sea.

Below 50 50-60 60-70 Above 70

Scale of Time for JUNE.

REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	31.5° AT 9 P.M. LOCAL TIME					1.0° AT 7 A.M. LOCAL TIME.												Rain- fall. -Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.				Min.	
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.									
Archangel ...	1024.7	30	NNW	3	0	1024.3	+2	28	-	N	8	*	0	*	20	*	27			
Gorki ...	-	-	-	-	-	1023.3	+3	32	-22	NE	3	*	0	*	-	*	32			
Veliki Luki ...	-	-	-	-	-	1027.7	*	39	-15	N	2	*	0	*	-	*	37			
Hangö ...	1025.3	41	ESE	5	0	-	-	-	-	-	-	*	-	*	-	*	-			
Riga ...	1021.3	54	ENE	2	0	1024.0	0	46	-9	SE	2	*	0	*	-	*	39			
Petrograd ...	1027.1	37	ENE	2	0	1029.0	+1	39	+2	N	2	-	0	*	-	50	32			
Moscow ...	1019.8	32	NNW	3	0	1021.9	+1	36	-12	N	4	*	0	*	-	-	28			
Kiev ...	1017.5	54	WNW	2	0	1018.7	+2	55	+5	NNW	3	*	0	*	-	-	46			
Kharkov ...	1015.4	61	-	0	0	1017.7	+4	46	-	N	3	*	0	*	-	-	43			
Kishinev ...	1019.3	52	NW	3	0	1021.6	+1	52	-	NW	3	*	0	*	4	*	?			
Elisabetgrad ...	1016.2	54	SE	2	0	1017.7	+1	55	-	NW	2	*	0	*	-	*	45			
Nicolaiev ...	1014.6	57	ENE	3	0	1017.9	*	55	-	NNE	3	*	0	*	-	-	46			
Odessa ...	1015.4	59	NNE	3	0	1018.7	+2	57	-	NNE	3	*	0	*	-	-	50			
Tarkhankout ...	?	59	N	3	0	1016.2	?	59	-2	N	5	*	0	*	16	*	55			
Soukhom ...	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	-	-			

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17 h.

STATIONS.	Sun- shine for 15 h.	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 15 h.	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night, 17h-0h.	Day, 0h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night, 17h-0h.	Day, 0h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	° F.	° F.						Mm.	Mm.	° F.	° F.			
Scotland.									England, E.								
Oban ...	0.7	4.2	2	53	50	no	c.	0.3	Lowestoft ...	6.1	-	-	64	44	o.c.o	op.	0.2
Banff ...	6.3	3	1	63	50	bep.	c.od	2.0	Felixstowe ...	8.9	-	0.1	64	54	bc	bc.or	0.8
Carnoustie ...	*	*	*	61	51	o.c	c.otr	2.0	Walton-on-Naze ...	8.5	-	1	62	52	bc.	bc.op.bc	1.1
St. Andrews ...									Southend-on-Sea ...	6.9	-	-	70	53	bc.c.o	op.	1.3
Eng. H.E.									England, S.E.								
Harrogate ...	3.9	1	1	59	50	op	c.bc.o	0.5	Margate ...	7.4	-	-	65	50	c.bc.o	c.	3.0
Skegness ...	7.4	0.4	-	61	50	g	gp	1.8	Ramsgate ...	8.8	-	-	61	47	c	o	4.4
Eng. N.W.									Hastings ...	*	-	-	59	51	o.bc	bc.c.	4.6
Morecambe ...	1.8	4	1	58	52			0.0	Eastbourne ...	12.4	-	-	59	51	o.bc	o.c.bc	3.5
Blackpool ...									Seaford ...	12.5	*	*	58	52	c	c	4.7
Southport ...	2.3	1	1	63	53	o.c	c.otr	2.0	Brighton ...								
Midlands.									Worthing ...	12.8	-	-	60	49	c	c.	3.0
Buxton ...									Littlehampton ...	11.5	-	-	63	49	bc.o	o	2.5
Leamington Spa ...	8.3	-	1	61	52	o	op.	0.2	Bognor ...	*	-	-	57	51	o	o.	0.7
Malvern ...	8.3	-	1	58	51	c	c	0.0	Bournemouth ...	*	-	-	57	51	o	o.	0.7
Ross-on-Wye ...	8.4	-	2	58	51	bc.c	or.	0.0	Weymouth ...	*	*	*	58	53	c	op.o	0.7
Wales.									Torquay ...	12.0	-	0.3	61	53	o.o	or.	0.1
Rhyl ...	3.2	-	2	61	54	g	g	0.0	Paignton ...								
Colwyn Bay ...	*	*	*	62	50	c.o.bc	bep.	4.5	Penzance ...	14.8	-	1	59	53	omr.	c.bc	1.6
Llandudno ...	*	*	*	64	50	cr	or	2.4	Newquay ...	15.2	-	4	57	51	op	op.c.bc	0.8
Aberystwyth ...	*	*	*	58	50	ro	c.ot	0.3	Bude ...	12.7	-	6	61	50	c	r	0.0
Tenby ...	3.8	3	3	59	52			0.1	Ilfracombe ...	*	*	*	58	49	c.or	r.d.o.	0.1
									Weston-s-Mare ...	13.0	-	4	60	51	bc.c	r.or.	0.2

LONDON OBSERVATIONS.

LONDON. — RESERVOIR.											Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total.	Average Rate.	Max. Rate.				
STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Fore- noon.	After- noon.	Night.	Hours of Observation G.M.T.					
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Night.	Morning.	Evening.				Morning.	Evening.				
				Max.	Min.											Morning.	Evening.	Morning.	Evening.
%	%	Hr.	F.	° F.	F.	mm. §													
Greenwich (Royal Obsy.) ...	73	65	0.5	64	45	27	-	a	o.	bc.									
City (Bunhill Row) ...	*	*	0.1	*	*	*	*	*	*	*									
Westminster (St. James's Pl.)	69	62	0.1	64	45	35	-	abce.	od. bc.	or. o.									
Camden Sq. (Britt. Rainfall)	70	59	0.1	64	45	42	Trace	o.	od.	*									
Hampstead (Reservoir) ...	*	66	0.3	59	43	42	0.3	o	bc	c.									
S. Kensington (Museum Grounds)	*	62	0.1	62	47	40.	Trace	o.	op. o	op. b.									
Richmond Park ...	*	*	*	*	*	*	*	*	*	*									
Kew. (See front page.)	*	*	0.0	*	*	*	*	*	*	*									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																			

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

2.3.20 JUNE. 1916.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.37	11.51	20.5
Greenwich ...	3.50	11.53	20.6
Wick ...	3.16	12.10	21.4
Valencia ...	4.28	12.39	20.50

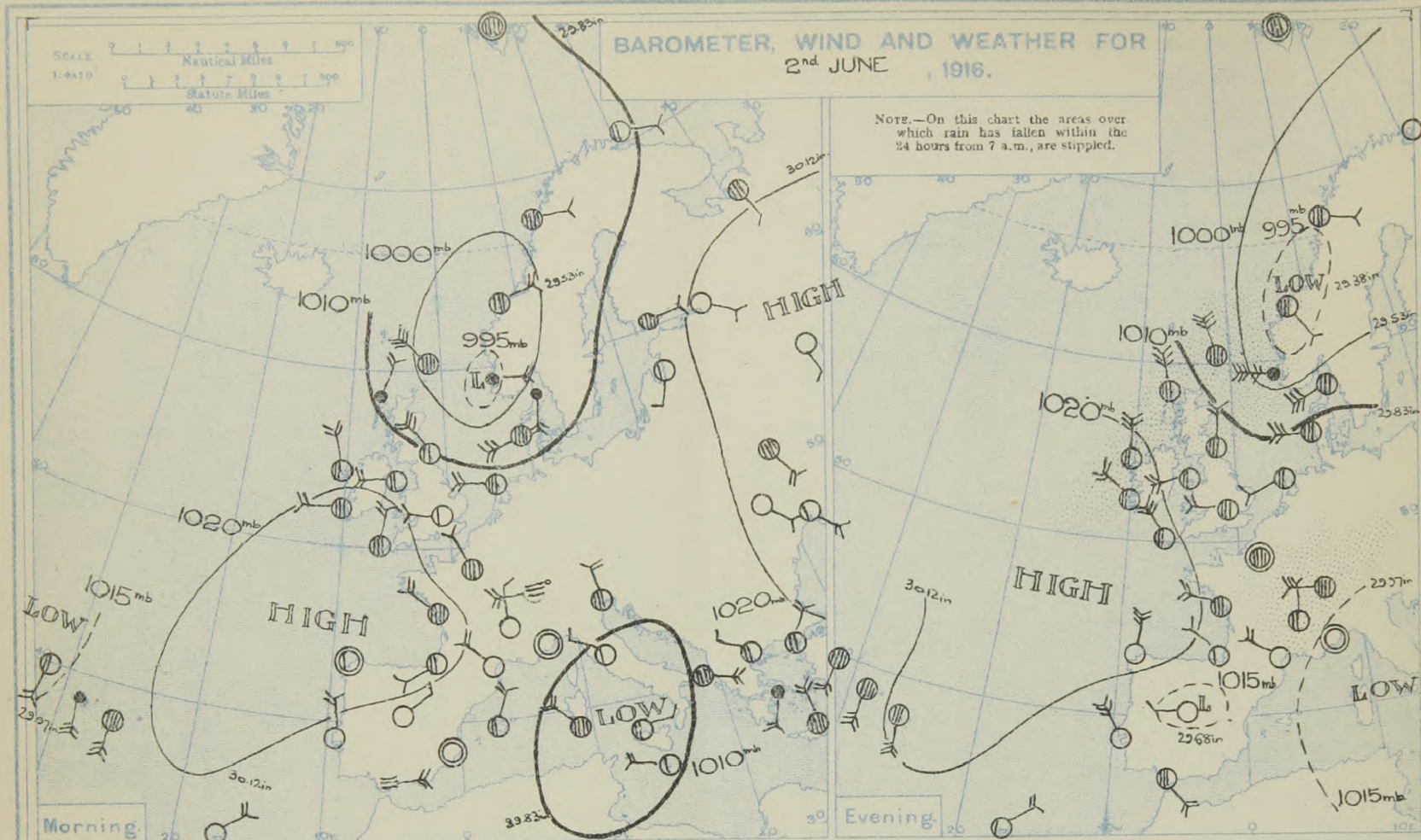
NOTES ON YESTERDAY'S WEATHER.

Showers were experienced in most parts of the country. 15 mm. of rain was measured at Eskdalemuir and Aberdeen, while at Skudesnaes 45 mm. fell. Sunshine varied up to 12 hours at Jersey. Temperature did not exceed 65°.

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.

DATE.	STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		BAROM. Milli- bars at M.S.L.	WIND.		Weather.	BAROMETER. Milli- bars at M.S.L.	TEMP.		WIND.		Direc. of Upper Cloud	Weather.	Sea 0-9	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
			TEMP.	Force 0-12.			Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon	Night.			
		F.				F.	F.							F.	F.							
BRITISH ISLANDS.	Lerwick	1002.5	H3	NNW	6	omg	1009.9	+1	H2	-2	N	H	-	o	3	8	H4	39	org	org	c.o.	*
	Deerness (Orkney)	1007.4	H4	NW	7	o	1011.2	*	H4	-2	NW	H	NW	c	H	1	H9	40	c.opg	opg	op.c.	6.1
	Stornoway	1014.2	H7	NNW	6	epg	1014.0	0	H6	+2	NW	3	-	c	3	2	51	H4	o.cq	epg	bc.cq.	5.8
	Castlebay (Barra Isd.)	1016.6	H9	NW	H	c	1016.2	0	H7	-1	W	3	W	o	3	1	53	H4	bcq	bcq	c.bop.o	10.8
	Glasgow	1012.6	H7	W	1	c	1015.6	+1	H7	-2	W	H	NW	c	*	1	55	H0	bc.cq	bctrf	c.b.c.	8.6
	Eskdalemuir	1012.6	H4	NNW	H	og	1015.7	+1	H5	0	W	8	-	b	*	3	53	35	o.c.bc	bctpg	og.c.bc	7.5
	Malin Head	1016.0	51	NW	5	bc	1017.5	-2	H8	0	NW	H	NW	bc	H	2	51	H3	bcq	bc	bcp	11.5
	Blacksod Point	1020.1	51	N	5	bcp	1021.2	0	H6	-3	N	3	N	cp	3	H	53	H3	bcp	bcp	bc.bcp	*
	Valencia	1022.2	50	NW	H	bc	1023.8	0	H9	0	NW	3	-	bc	3	1	54	H2	c.b	bcp	bc.c.bcp	10.1
	Roche's Point	1020.6	54	NW	H	bc	1023.2	*	51	+1	NW	3	N	c	3	1	57	H6	o.cphq	bcq	c.	*
	Birr Castle	1018.2	53	W	2	c	1021.7	*	H8	-2	W	1	N	c	*	H	57	H1	cph	cph	c.	10.0
	Donaghadee	1014.8	51	N	H	bemg	1017.9	+1	H6	-2	NW	H	NW	bemg	3	3	53	H4	emgp	bemgp	bemgp	*
	Liverpool (Bidston)	1014.3	52	WSW	H	b	1017.0	+2	H8	0	WNW	3	W	o	3	2	55	H7	b	b.ph	b.o.	13.1
	Holyhead	1015.2	53	WSW	H	bc	1019.0	+2	H9	+1	NW	5	NW	bc	H	1	56	H7	bc	bcp.cq.	b.b.c.	12.9
	Pembroke (St Ann's)	1019.2	52	WNW	3	bc	1019.2	+1	H7	-3	WNW	3	N	bc	3	1	53	H6	bc	bc	bc	10.1
	Scilly (St. Mary's)	1021.2	55	NW	5	bc	1022.2	0	51	-1	NNW	5	NW	bc	5	-	59	H9	c.bc	c.bc.	bc.	10.8
	Falmouth	1019.6	56	NW	2	b	1021.0	+2	52	-3	NW	3	-	bc	*	-	60	H7	bc	bc.b.	bc.	11.9
	Jersey (St. Aubin)	1018.9	57	WNW	3	o	1018.0	*	52	-3	NW	3	NW	c	2	-	60	H8	bc.c	bc.c.o.	b.b.c.	6.8
	Portland Bill	1017.6	54	WSW	3	b	1018.1	+2	52	-2	NW	3	NW	bc	3	-	58	H7	b.bc	c.bc.	bc.b.	*
	Dungeness	1014.8	56	W	H	c	1014.5	0	51	-6	NNW	H	N	bc	3	-	61	H0	b.bc	bc	bc.	*
	Dover	1014.9	59	NW	2	c	1014.4	+1	51	-4	NW	H	NW	b	2	-	60	H3	b.b.c	c.b.c.	c.b.c.	9.0
	Wick	1009.2	H4	NW	H	r	1011.8	+1	H3	0	NW	H	NW	c	3	5	H8	40	cp	cp.op	emg	*
	Nairn	1011.8	H7	NNW	5	emg	1013.1	*	H5	0	NW	3	-	our.	3	3	52	H3	rhp.gp	qu.cq	gp.c	1.5
	Aberdeen	1010.4	H6	WNW	5	c	1012.9	+1	H6	-3	WNW	3	-	c	2	3	55	H2	bcq	bc.cq.	c.op.	10.2
	Leith	1012.0	H8	SW	1	o	1014.6	+1	H8	0	W	1	W	bc	2	2	58	H0	bc.c.o	ottr.o	o.c.p.bc.	*
	Tynemouth	1011.7	H6	N	3	emg	1014.6	+1	H6	-3	NW	H	N	bem	3	3	56	H1	bemg	emg	bemg	*
	Spurn Head	1013.0	56	NNW	6	bc	1015.2	+1	H7	-7	NNW	H	-	bc	H	-	59	H3	bcq	bc	bcq	9.5
	Yarmouth	1013.8	58	NW	2	bc	1013.6	0	H8	-1	NW	2	-	bc	1	-	61	H1	bc	bc.	bc.	8.5
	Clacton-on-Sea	1014.5	61	WNW	3	bc	1014.7	+1	H8	-5	NW	3	-	b	2	-	64	H4	bc	bc.c.bc	bc.b.	12.4
	Nottingham	1014.5	H9	WNW	6	c	1016.5	*	H8	-1	NW	2	NW	b	*	0.3	60	39	bc	ctlp	ctlp.b.	8.3
	Benson (Oxon.)	1015.2	57	W	3	bc	1016.6	+2	H9	-3	NW	H	-	bc	*	-	61	33	bc	bc.	c.b.	*
	St. Farnborough	1015.2	57	W	3	o	1016.1	+1	H9	-5	NNW	2	-	bc	*	0.1	62	37	b.o	o.c.o	op.bw	9.4
	London (Kew Obsy.)	1015.2	59	W	3	c	1016.7	+2	H5	-6	NNW	3	-	b	*	-	62	H3	bc.o	o.c.o.c	c.b.b.	9.0
NORTHERN EUROPE.	Spitsbergen	1004.8	37	-	0	c	1002.3	-1	32	-4	NW	H	*	bc	*	*	21	28	UPPER AIR			
	Vardö	995.2	34	E	2	c	988.4	0	H8	0	E	1	-	o	1	?	54	46	South Farnborough			
	Bodö	991.7	50	ESE	2	c	996.3	+5	H5	+8	WNW	H	-	r	H	5	63	H1	Pilot Balloon Ascent at 6.22 A.M.T.			
	Christiansund	996.6	H5	W	9	r	999.9	+5	H6	-2	NNW	9	-	m	6	15	55	H3	600 metres N by W 11 metres per sec.			
	Skudesnaes	996.6	H5	W	9	r	999.9	+5	H6	-2	NNW	9	-	m	6	15	55	H3	300 " NW by N 8 " "			
	Færder (Xiania Fjord)	1006.6	52	WSW	6	bc	1002.4	-4	H6	-6	SW	H	-	c	H	-	56	H5	Surface NW by N 4 " "			
FRANCE, &c.	The Scaw (Skagen)	1011.1	54	W	5	c	1008.6	-1	50	0	W	H	-	c	3	-	54	H6				
	Blaavands Huk	1011.1	54	W	5	c	1008.6	-1	50	0	W	H	-	c	3	-	54	H6				
	The Helder	1014.1	54	WSW	2	bc	1011.7	0	52	-2	NW	3	-	b	2	-	57	52				
	C. Gris Nez	1015.3	54	WSW	5	c	1014.6	+1	50	-5	WNW	H	*	c	3	-	63	50				
	La Hève	1016.4	54	NW	3	o	1015.5	*	50	-5	N	H	*	bc	3	-	61	H6				
	Brest (St. Mathieu)	1024.0	55	NNW	H	c	1021.5	+1	61	+4	NW	H	*	bc	3	-	61	57	300 metres NW by N 3 metres per sec.			
SOUTHERN STATIONS.	Rochefort (Ile d'Als)	1018.9	61	WNW	H	c	1018.6	+1	54	-3	N	5	*	c	*	1	68	52	Surface N by W 4 " "			
	Biarritz	1018.4	64	NW	2	b	1018.9	+1	56	-3	N	3	*	r	3	2	70	55				
	Paris	1015.4	61	NW	1	o	1014.7	+1	52	-5	NW	2	S	b	*	-	68	50				
	Belfort	1015.7	63	W	3	o	1012.6	*	52	-5	W	3	*	r	*	2	72	52				
	Lyons	1015.5	68	N	2	bc	1013.3	*	59	-5	N	1	*	o	*	-	76	55				
	Nice	1012.0	64	-	0	b	1011.9	0	66	-2	-	0	*	b	0	-	79	59				
YESTERDAY'S REPORTS	Perpignan	1015.1	75	NW	3	b	1015.0	0	64	-6	WNW	3	SW	o	*	-	82	61				
	Sanguinaire	*	68	S	2	b	*	*	60	-9	SE	H	*	f	H	-	77	52				
	Corunna	1022.7	63	NNE	H	b	1024.7	0	66	+9	NE	H	-	bc	2	-	66	55				
	Madrid	1014.6	79	W	1	b	1015.0	+1	64	+1	NNE	1	-	bc	*	-	79	55				
	Lisbon	1015.9	79	NW	5	b	1016.4	0	66	*	NNW	3	-	b	5	-	84	63				
	Azores	1017.3	*	S	5	o	*	*	*	*	*	*	*	*	*	-	*	*				
MEDITERRANEAN.	Madeira	1019.8	68	NE	3	b	1022.1	0	61	+2	NE	3	-	bc	3	-	68	61				
	Gibraltar	1017.3	66	SE	3	b	1015.2	*	59	-3	E	3	*	m	1	-	77	57				
	Malta	*	*	*	*	*	1013.0	+1	66	-2	WNW	H	-	m	2	-	73	64				
	Limassol	*	*	*	*	*	1014.9	0	73	-6	W	1	-	b	2	-	81	55				
	Alexandria	1016.8	72	ENE	2	b	1014.4	+1	75	+2	SE	2	-	b	1	-	79	66				
	Cairo (Helwan)	1014.7	79	NNE	H	b	1012.3	0	82	+9	NE	3	-	b	*	-	93	68				
YESTERDAY'S REPORTS		1st June, 20 h. G.M.T.																			2nd June, 7 h. G.M.T.	
MEDITERRANEAN.	Venice	1015.0	73	ENE	2	bc	1013.0	0	64	-6	N	1	SE	c	3	-	75	63				
	Turin	1015.3	70	-	0	bc	1013.6	+3	68	+5	-	0	-	b	*	-	75	61				
	Pesaro	1014.6	70	NE	1	o	1012.6	*	68	0	NE	1	E	o	5	-	73	64				
	Leghorn	1012.7	70	E	1	c	1012.0	0	70	-2	NE	1	NW	b	3	-	79	64				
	Rome	1010.6	66	N	1	o	1009.6	0	72	+4	NW	1	-	b	*	2	72	63				
	Viesti																					



FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

Western Channel and Bay 11

Moderate winds between West and North-West; fair, occasional showers; continuing rather cold.

Light or moderate North-Westerly or Northerly winds; slight sea; fair weather.

FURTHER OUTLOOK.

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

NAPIER SHAW Director

Millibars

1050

1040

1030

1020

1010

1000

990

980

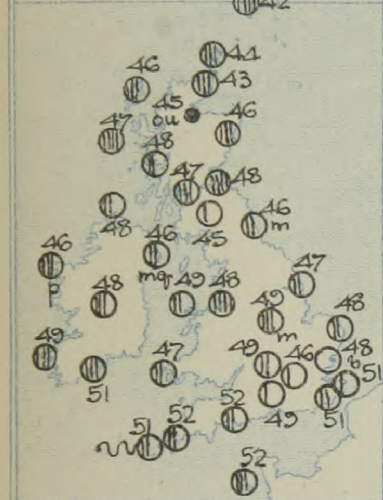
970

SYNOPTIC CHART FOR THE MORNING OF SATURDAY, 3RD JUNE, 1916.

GENERAL INFERENCE.

Conditions are likely
to continue with little
change.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



EXPLANATION.

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

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

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

WEATHER.—Shown by the following symbols:—

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

SEA DISTURBANCE.—Rough High

Inches.
31

30

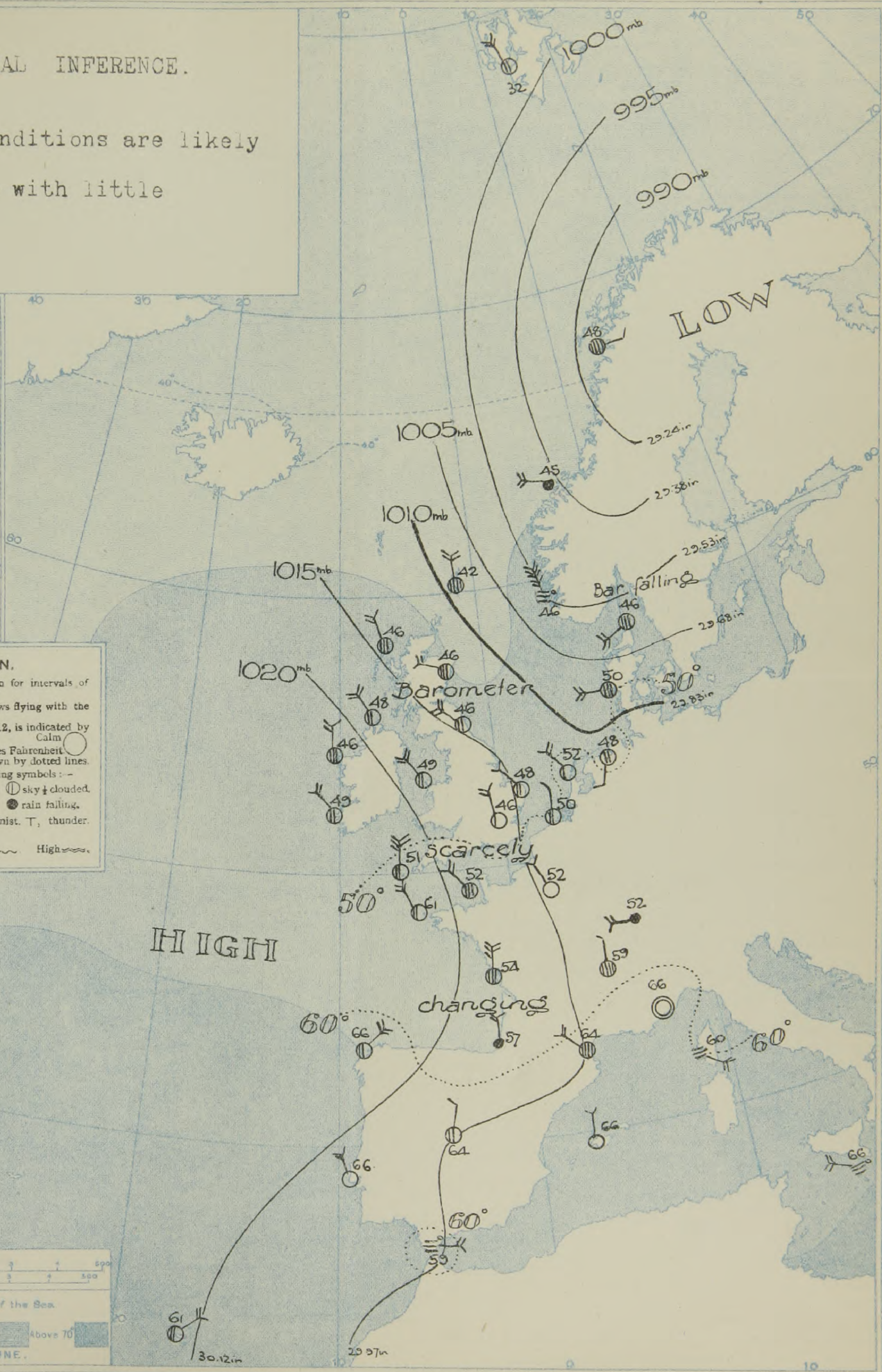
29

SCALE 1:100,000
Nautical Miles 0 1 2 3 4 5
Statute Miles 0 1 2 3 4 5

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°

Scale of Tints for JUNE.



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	1st...AT 9 P.M. LOCAL TIME					2nd...AT 7 A.M. LOCAL TIME.												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.									
Archangel ...	1021.0	34	-	0	c	1018.9	-3	36	+8	S	1	*	c	*	-	*	28			
Gorki ...	1023.3	45	-	0	b	1020.6	-1	45	+13	-	0	*	b	*	-	*	32			
Veliki Luki ...	1024.7	45	-	0	bc	1022.4	*	50	+11	N	2	*	b	*	-	*	32			
Hangö ...	1021.2	43	ESE	3	c	1015.8	-3	45	.	ESE	2	*	o	*	-	*	37			
Riga ...	1020.2	50	-	0	o	1015.1	+2	54	+8	SSW	1	*	b	*	-	*	45			
Petrograd ...	1024.4	45	ESE	2	b	1021.2	-3	46	+7	SSW	2	W	b	*	-	50	27			
Moscow ...	1023.1	39	NNW	2	b	1023.9	0	39	+3	S	1	*	b	*	-	*	30			
Kiev ...	1023.8	52	E	2	o	1022.6	-2	50	-5	SE	3	*	o	*	-	*	45			
Kharkov ...	1025.1	45	NNE	2	b	.	.	.	.	.	.	*	.	*	-	*	.
Kishinev ...	1023.1	61	-	0	b	1022.1	0	57	+5	SE	2	*	b	*	-	*	50			
Elisabetgrad ...	1023.5	52	NE	3	b	1024.4	0	50	-5	SE	3	*	bc	*	-	*	43			
Nicolaiev ...	1021.3	61	-	0	b	1023.7	*	52	-3	ESE	4	*	c	*	-	*	46			
Odessa ...	1021.9	64	NNE	2	c	1022.6	0	41	-16	SE	3	*	b	*	-	*	39			
Tarkhankout ...	1021.9	63	NW	3	b	1022.6	*	59	0	SE	5	*	bc	*	-	*	36			
Soukhoum ...	1013.6	61	-	0	o	1015.8	+3	59	.	-	0	*	o	*	S	*	54			

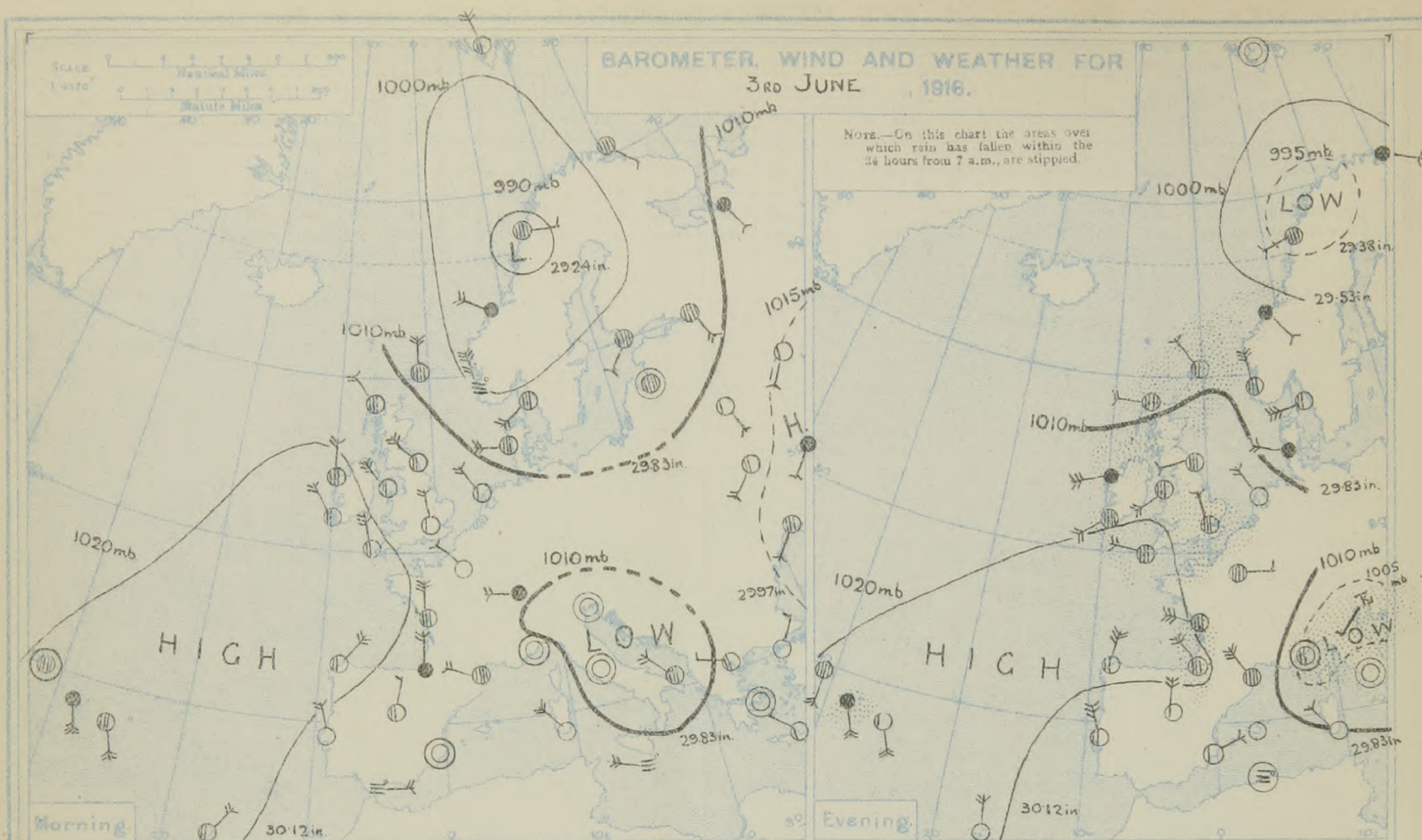
TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 1st	Rainfall		TEMPERATURE		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 1st	Rainfall		TEMPERATURE		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	°F.	°F.						Mm.	Mm.	°F.	°F.			
Scotland.									England, E.								
Oban ...	2.3	1	1	53	45	cp	cp.	5.2	Lowestoft ...	0.2	1	-	62	44	bc	c	8.9
Banff ...	2.0	3	1	52	42	bcp.	bcp.	6.0	Felixstowe ...	0.9	0.1	-	64	45	bc	bc.	10.3
Carnoustie ...	*	*	*	57	45	bc-bp.	r.bcp.	7.4	Walton-on-Naze ...	1.1	-	-	62	46	b	b-bc.	10.7
St. Andrews ...	*	1	4	56	42	bc	uclhr	6.8	Southend-on-Sea ...	1.3	-	-	65	47	b-bc.	b-bc.	9.5
Eng. N.E.									England, S.E.								
Harrogate ...	0.8	0.2	-	56	42	o-bc.	bc-c.	10.1	Margate ...	3.0	-	-	62	52	b	bc.	9.4
Skegness ...	1.8	2	-	61	42	o-bc.	bc-b.	10.8	Ramsgate ...	4.4	-	-	60	46	bc	c.	10.2
Eng. N.W.									Hastings ...	*	*	*	61	49	op-bc.	b-bc.	9.9
Morecambe ...	0.1	1	-	55	48			11.0	Eastbourne ...	3.6	-	-	60	49	b	b-bc.	11.7
Blackpool ...	*	-	-	56	48	bc	b-bc.	11.0	Seaford ...	*	*	*	60	48	bc	bc-o.	11.5
Southport ...	2.8	-	-	56	48				Brighton ...								
Midlands.									Worthing ...	3.0	1	-	63	48	bc	bc.	9.1
Buxton ...	*	-	-	61	43	c-bc.	bc.	9.0	Littlehampton ...	2.5	1	-	63	46	b	b	9.5
Leamington Spa ...	0.7	-	-	58	50	c-bc.	bc.	6.0	Bognor ...	*	*	*	63	45	bc	bc.	9.7
Malvern ...	0.0	-	-	63	42	b-bc.	bcp.	7.4	Bournemouth ...	*	*	*	63	46	b	b	12.5
Ross-on-Wye ...	0.3	-	-	63	42				England, S.W.								
Wales.									Weymouth ...	*	*	*	66	45	bc	bc.	12.0
Rhyl ...	1.6	-	1	57	47	b-bc.	bcp-bc.	11.2	Torquay ...	0.1	2	-	62	44	bc	bc.	11.3
Colwyn Bay ...	*	*	*	56	46	bc	p-bc.	10.6	Paignton ...								
Llandudno ...	*	*	*	55	47			9.8	Penzance ...	1.5	-	-	59	48	c-bc.	bc.	11.0
Aberystwyth ...	*	*	*	54	48	r-o.c.	c-bc.	8.5	Newquay ...	1.4	-	-	57	51	b	b	8.5
Tenby ...	1.7	0.3	-	57	53			9.0	Bude ...	0.3	-	-	59	50	c-bc.	b	7.0
									Ilfracombe ...	*	-	-	55	45	eg-b	b	10.4
									Weston-s-Mare ...	0.2	1	-	58	47	b-bc.	b	11.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.						
				Max.	Min.											
														24 HOURS ENDED 9 h. To-Day		
%	%	Hr.	F.	F.	F.	mm.				Morning.	Evening.		Morning.	Evening.		
Greenwich (Royal Obsy.) ...	43	66	9.8	66	43	30	-	bc	bc	bc. b.						
City (Bunhill Row) ...	*	*	9.8	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	50	68		64	43	38	-	o. bc	bc	bc. o. bc						
Camden Sq. (Brit. Rainfall)	52	63	8.1	66	43	40	-	c. bc	bc. c	*						
Hampstead (Reservoir) ...	*	66	9.14	62	40	32	-	bc	bc	bc.						
S. Kensington (Museum Grounds)	*	*	10.3	63	47	40	-	op. c. b	b. bc. c	o. bc. c. b						
Richmond Park ...	*	*		*	*	*	*	*	*	*						
Kew. (See front page.)	*	*	9.0	*	*	*	*	*	*	*						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																
South Kensington.																
												Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
												Hours of Observation G.M.T.				

DATE.	STATIONS	YESTERDAY EVENING				THIS MORNING										PAST 24 HOURS						Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	Wind.			Weather.	Barom. Milli- bars at M.S.L.	Temp.		Wind.		Direc. of Upper Cloud	Weather.	Sea 0-9	Rain- fall. Milli- metres.	Temp.		Weather.				
			Temp.	Direc.	Force 0-12.			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	1009.9	46	NW	2	bc	1001.7	-2	45	+3	S	3	-	o	3	2	48	40	o.	bc.	bc.op	
	Deerness (Orkney)	1009.8	47	SE	3	c	997.6	*	47	+3	SE	4	-	oe	3	9	51	44	c.bc	bc.c	c.oe	
	Stornoway	1009.3	51	W	3	op	992.3	-8	45	-1	SE	5	-	oe	5	4	54	45	c.p	c.op	c.o.op	
	Castlebay (Lewis Is.)	1011.2	49	SW	4	o	990.5	-9	49	+2	WSW	3	-	r	4	8	52	46	o.p.o	o.p.	o.p.	
	Glasgow	1012.2	52	W	4	bc	997.5	-10	45	-2	SSE	3	-	mr.	*	1	54	44	c.bc.op	c.bc.	bc.c.op	
	Eskdalemuir	1012.4	50	W	4	o	999.7	-10	44	-1	SSE	5	-	or	*	3	53	41	bc.op.c	c.p.o	o.bc.or	
	Malin Head	1012.6	50	W	4	cq	993.3	-4	49	+1	SW	5	-	emgd	5	2	53	44	bc	bcq.	omq	
	Blackrock Point	1014.3	49	WSW	5	omr	996.8	-3	43	+2	NW	5	NW	cm	4	7	51	45	op	c.mt	omr.cm	
	Valencia	1018.6	52	SW	4	o	1001.7	-5	54	+5	SW	5	-	or	5	11	54	48	bc.c.o	o.	c.or	
	Roche's Point	1020.1	53	WNW	3	o	1003.2	*	54	+3	WSW	4	-	or	4	4	56	49	c.o.	o.p.	or	
	Birr Castle	1016.7	51	SW	2	c	998.5	*	52	+4	SW	1	-	r	*	9	53	46	op	c	c.or	
	Donaghadee	1014.2	48	SE	3	omr.p	996.5	-9	47	+1	SW	5	-	omr	4	8	54	46	omr.p	omr.p.	cm.omr	
	Liverpool (Bidston)	1015.7	52	W	3	bc	1003.8	-6	47	-1	SSE	2	SW	r	2	1	55	46	b	o.b	b.or	
	Holyhead	1016.2	52	SW	4	c	1001.6	-9	48	-1	SSW	6	-	omr	5	2	56	48	bc.c	cp.bc.c	bc.c.op	
	Pembroke (S. Ann's)	1020.3	51	W	3	c	1005.6	-4	50	+3	SW	5	-	or	5	11	54	47	bc	c.	op.r	
	Scilly (St. Mary's)	1021.8	54	WNW	3	c	1016.6	-7	51	0	WSW	5	SW	ogp	5	1	58	49	bc.c	c.	c.ogp	
	Falmouth	1020.5	54	NW	3	c	1010.3	-6	49	-3	SW	6	-	ogp	*	1	59	46	bc.c.bc	bc.c.c	c.ogp	
	Jersey (St. Aubin)	1019.3	57	WNW	3	b	1014.5	*	52	0	W	4	-	o	3	0.1	59	46	bc.b	b.	b.op.o	
	Portland Bill	1017.9	53	WNW	4	bc	1011.6	-4	52	0	SW	5	SW	o	4	-	59	50	bc.c	bc.	bc.b.	
	Dungeness	1015.3	54	SE	3	bc	1012.6	-1	52	+1	WSW	3	W	b	3	-	60	44	bc.	bc.	bc.b.	
Dover	1016.4	51	ESE	2	c.	1011.7	-3	51	0	SW	3	-	by	2	2	61	42	bc	bc.c	cp.bc.b		
Wick	1010.6	45	NNE	2	c	997.6	-6	47	+4	SSE	3	-	o	3	0.2	50	42	emq.bc	bc.cm	op-og		
Nairn	1009.9	52	-	0	cu	995.6	*	46	+1	E	1	-	oud	2	3	56	43	r.p.cu	c.bc.c	p.og		
Aberdeen	1011.1	46	SE	3	o.	999.3	-7	47	+1	SSE	3	-	o	2	1	54	43	bc.c.p	c.op.	op		
Leith	1011.3	54	W	2	c	998.4	-4	48	0	SW	2	-	o	2	-	58	45	b	bc.o.c	c.bc.o		
Tynemouth	1012.3	53	WSW	2	cqm	1003.1	-4	49	+3	SSW	3	-	om	3	-	56	45	com	com.	om.		
Spurn Head	1014.8	52	S	3	c.	1007.2	-1	53	+6	WSW	4	-	bc	5	0.3	55	45	bcq.p.	bc.	bc		
Yarmouth	1015.3	52	SSW	3	bc	1010.2	-3	51	+3	WSW	2	-	b	2	1	57	43	bc	bc.	c.b		
Clacton-on-Sea	1015.8	52	S	3	c	1010.9	-5	53	+5	SW	3	-	b	2	2	57	44	bc.c.p	cp.r.cu	cu.o.c.b		
Nottingham	1015.0	55	W	4	b	1007.5	*	50	+2	SW	3	SW	c	*	-	59	39	bc	c.b	bc.		
Benson (Oxon.)	1016.0	59	W	1	b	1010.2	-4	50	+1	SSW	3	-	c	*	-	60	35	bc	bc.	bc.c.		
Sth Farnborough	1015.7	57	NNW	2	b	1011.0	-4	52	+3	SW	4	-	bc	*	-	62	38	bc.p.bc	p.bc.p	b.bc.		
London (Kew Obsy.)	1016.0	57	NNW	2	c.	1011.2	-3	52	+6	SW	3	SW	bc	*	-	60	42	bc.c	bc.c	cp.bc.b		
NORTHERN EUROPE.	Spitsbergen	1001.2	34	-	0	b	1000.8	0	30	-2	N	2	*	b	*	39	25					
	Vardö	998.7	41	SE	2	r	996.7	-2	39	-2	SE	2	-	r	2	*	45	37				
	Bodö	994.7	43	WSW	2	o	994.6	0	48	0	SSE	2	-	c	1	-	50	26				
	Christiansund	1003.0	43	SE	3	r	1001.7	0	45	0	SE	4	-	r	4	2	46	43				
	Skudesnaes	1003.5	43	NNW	5	c	1003.9	0	46	0	N	2	-	o	4	-	48	41				
	Færder (X'ania Fjord)																					
	The Scaw (Skagen)	999.9	50	WSW	6	bc	1002.3	+2	46	0	W	5	-	c	3	-	52	45				
Blaavands Huk	1008.7	48	WNW	4	r	1008.6	0	46	-4	W	3	W	bc	3	Trace	52	45					
FRANCE, &c.	The Helder	1013.9	52	NW	3	c.	1010.7	-2	54	+2	SW	4	-	c	2	-	54	50				
	C. Gris Nez	1016.3	51	W	2	r	1009.1	-3	52	+2	WSW	3	*	b	2	1	61	48				
	La Hève	1017.1	54	NW	2	f	1014.9	*	53	+3	SW	3	*	bc	2	-	59	48				
	Brest (St. Mathieu)	1022.7	54	NNW	4	c	1015.7	-3	55	-6	SW	4	*	o	3	-	61	50				
	Rochefort (le d'Aix)	1019.5	59	WNW	6	c	1018.1	-1	54	0	SSE	3	*	b	*	Trace	63	48				
	Biarritz	1021.2	59	NW	4	c	1019.1	0	35	-1	WSW	3	*	c	3	Trace	64	54				
	Paris	1015.3	54	SSE	1	c	1015.8	0	52	0	-	0	-	b	*	-	63	41				
	Belfort													*	*	*						
	Lyons	1016.4	49	-	0	r	1016.0	*	48	-11	NW	3	*	o	*	4	64	44				
	Nice	1003.4	64	-	0	bc	1002.0	+4	58	-8	-	0.	*	bc	2	-	77	52				
Perpignan	1015.0	61	NW	5	o	1016.7	+1	57	-7	WNW	4	W	c	*	Trace	70	52					
Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
SOUTHERN STATIONS.	Corunna	1023.9	59	NNE	5	bc	1021.9	-2	52	-14	SSW	2	W	b	1	-	61	46				
	Madrid	1012.7	72	NNE	4	b	1019.8	0	50	-14	NE	3	NE	bc	*	-	75	43				
	Lisbon	1016.3	66	NNW	5	bc	1016.0	+2	63	-3	NNW	3	-	b	5	-	75	63				
	Azores	1022.7	*	SE	4	r	1020.7	+2	63	+1	SSE	3	*	o	3	26	66	61				
	Madeira	1021.0	66	N	3	b	1020.8	0	59	-2	N	3	-	b	3	-	68	61				
	Gibraltar													*	*	*						
	Malta	*	*	*	*	*	1013.2	+2	70	+4	NW	3	-	b	1	-	72	63				
	Limassol	*	*	*	*	*	1012.7	+2	73	0	-	0	-	c	3	-	90	61				
	Alexandria	1013.0	75	E	2	b	1011.7	0	77	+2	S	2	-	b	2	-	90	68				
	Cairo (Helwan)	1010.7	81	NE	6	b	1010.0	0	91	+9	E	5	-	b	*	-	104	68				
YESTERDAY'S REPORTS		2nd, 20 h. G.M.T.				June 3rd, 7 h. G.M.T.																
MEDITERRANEAN.	Venice	1010.9	72	-	0	b	1008.8	0	72	+8	-	0	-	b	2	-	77	64				
	Turin	1016.2	73	-	0	b	1008.2	0	64	-4	-	0	-	c	*	-	79	61				
	Pesaro	1011.6	68	-	0	b	1009.4	0	66	-2	SW	1	-	b	1	-	75	57				
	Leghorn	1011.1	72	-	0	b	1009.5	0	72	+2	-	0	-	b	3	-	79	64				
	Rome	1010.0	68	-	0	bc	1009.5	0	68	-4	-	0	-	b	*	2	79	59				
	Viesti	1009.9	66	NW	2	c	1007.6	0	70	+2	NW	1	-	c	3	-	73	55				
	Brindisi	1009.3	66	-	0	bc	1009.5	0	68	0	-	0	-	b	0	2	79	59				
	Cagliari	1016.9	66	NW	4	b	1012.4	0	63	+3	NW	4	-	b	4	-	73	48				
	Palermo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Tripoli	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Algiers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					



FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

Cones Hoisted at 1 a.m.

Western Channel and Bay

- | | | | |
|----|---|---|---|
| 0 | a | } | Fresh or strong Southerly winds, veering Westerly later; dull, rainy, improving later; rather cold. |
| 1 | b | | |
| 2 | a | } | Fresh or strong winds from between South-West and West; dull, rain at times; cold. |
| 3 | b | | |
| 4 | a | } | Same as Nos. 0 to 2a. |
| 5 | b | | |
| 6 | a | } | Strong South-Westerly winds, veering and moderating later; dull, some rain, then improving; cold. |
| 7 | b | | |
| 8 | a | } | Fresh or strong winds from between South-West and North-West; dull, some rain, improving later; cold. |
| 9 | b | | |
| 10 | a | } | Fresh or strong winds between South-West and West; rather rough sea; dull, occasional rain. |
| 11 | b | | |

Millibars

1050

1040

1030

1020

1010

1000

990

980

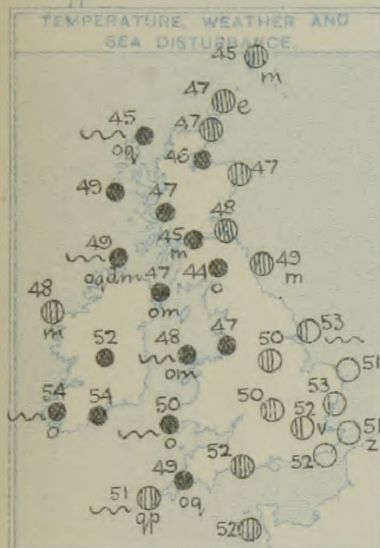
970

FURTHER OUTLOOK.

SYNOPTIC CHART FOR THE MORNING OF SUNDAY, 4TH JUNE, 1916.

GENERAL INFERENCE.

The depression off the Hebrides will move eastwards but its effects are likely to be felt over the British Isles during the coming 24 hours.



EXPLANATION.

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

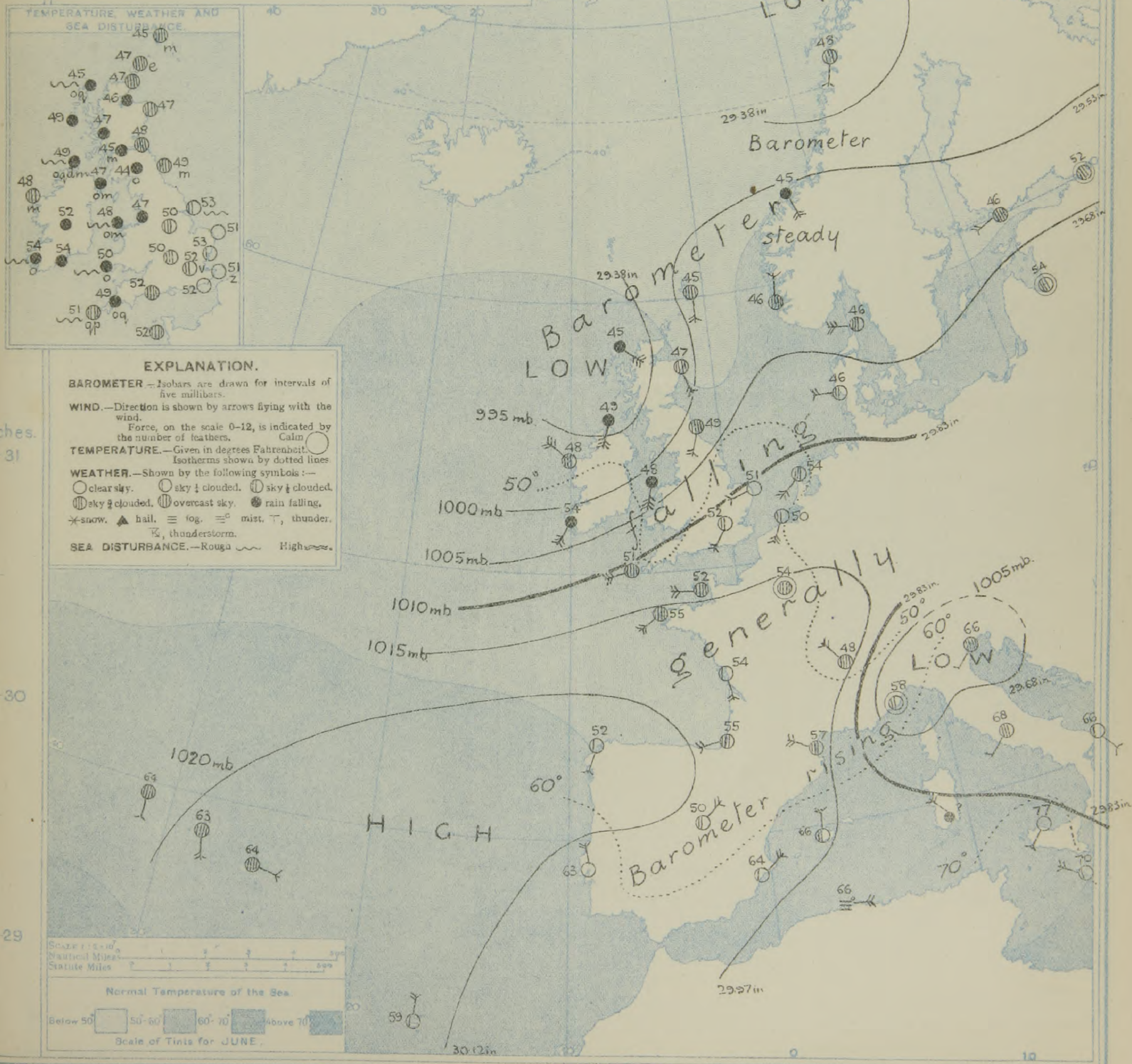
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

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

WEATHER.—Shown by the following symbols:—

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

SEA DISTURBANCE.—Rough. High.



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	2 nd AT 9 P.M. LOCAL TIME					3 rd AT 7 A.M. LOCAL TIME.										Sea 0-9.		Rain-fall, Millibars.		TEMP.	
	BAROM. Millibars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.								
			Direc.	Force 0-12.		Millibars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.										
														F.	F.						
Archangel ...	1012.4	48	SSE	6	bc	1010.6	-2	45	+9	ESE	2	*	r	-	*	-					
Gorki ...	1014.4	52	S	1	o	1010.4	-2	52	+7	SSE	2	*	b	*	*	-					
Veliki Luki ...	...	...	...	...	...	1010.1	*	55	+5	SE	2	*	o	*	*	46
Hangö ...	1008.4	46	ESE	2	o	1004.0	+2	46	+1	SSW	2	*	o	*	*	39					
Riga ...	...	...	...	...	...	1006.4	-2	57	+3	-	0	*	o	*	8	54
Petrograd ...	1012.6	57	SE	3	o	1007.5	-3	57	+11	SSE	3	w	o	*	61	46					
Moscow ...	1017.7	48	w	2	b	1015.0	-3	50	+11	w	2	*	b	*	-	34					
Kiev ...	1016.3	61	SSE	3	bc	1014.0	-1	59	+9	SW	3	*	bc	*	-	48					
Kharkov ...	1023.0	48	SW	1	bc	1018.9	-1	50	.	SW	2	*	r	*	-	48					
Kishinev ...	1018.6	61	S	4	b	1016.2	-2	57	0	SE	3	*	bc	*	-	50					
Elisabetgrad ...	1019.7	64	SE	2	c	1018.1	0	57	+7	SW	3	*	o	*	?	54					
Nicolaiev ...	1019.7	63	SE	3	b	1018.6	*	59	+7	SE	3	*	bc	*	-	48					
Odessa ...	1019.9	63	SSW	3	b	1017.7	-2	63	.	SSW	3	*	c	*	-	57					
Tarkhankout ...	1021.3	57	SSE	5	b	1018.3	-	63	+4	E	4	*	b	*	-	52					
Soukhoum ...	1020.0	55	NNE	2	b	1019.9	0	57	-2	-	0	*	b	0	-	50					

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17 h.

STATIONS.	Sun-shine for 24 h.	Rainfall		TEMPERATURE.		WEATHER.		Sun-shine for 24 h.	STATIONS.	Sun-shine for 24 h.	Rainfall		TEMPERATURE.		WEATHER.		Sun-shine for 24 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	F.	F.						Mm.	Mm.	F.	F.			
Scotland. { Oban ...	5.9	1	0.3	52	44	bc p	c	2.8	England, E. { Lowestoft ...	11.7	-	2	58	43	bc p	bc p o	7.0
{ Banff ...	6.0	0.3	-	50	44	bc	bc	9.3	{ Felixstowe ...	...	-	2	58	43	bc p	bc p o	7.0
{ Carnoustie ...	*	*	*	58	47	o bc p	bc op	6.0	{ Walton-on-Naze ...	...	-	-	61	44	bc c	bc o	8.4
{ St. Andrews ...	...	...	...	...	...	...	...	...	{ Southend-on-Sea ...	10.3	-	-	61	44	bc c	bc o	8.4
Eng. N.E. { Harrogate ...	11.5	-	-	57	38	bc b	c bc b	9.3	{ Margate ...	9.4	-	2	55	49	b	bc bc	9.8
{ Skegness ...	...	...	...	...	...	...	...	...	{ Ramsgate ...	10.4	-	1	55	45	bc	bc bc	10.3
Eng. N.W. { Morecambe ...	...	...	...	...	...	...	...	...	{ Hastings ...	*	*	*	60	43	bc b	bc bc	8.4
{ Blackpool ...	...	...	...	...	...	...	...	...	{ Eastbourne ...	11.7	1	2	61	46	b	bc o	8.0
{ Southport ...	13.7	-	-	56	47	b bc	bc c	10.7	{ Seaford ...	...	-	-	60	44	bc	bc	9.7
Midlands. { Buxton ...	...	...	...	...	...	...	...	...	{ Brighton ...	...	-	-	63	42	bc	bc v	8.0
{ Leamington Spa ...	9.5	2	0.2	59	40	bc	bc	9.2	{ Worthing ...	10.0	-	-	60	44	bc	bc	9.7
{ Malvern ...	...	...	...	...	...	...	...	...	{ Littlehampton ...	10.5	-	-	63	42	bc	bc	8.0
{ Ross-on-Wye ...	8.6	0.2	-	61	40	bc b	bc	7.3	{ Bognor ...	...	-	-	62	43	bc	bc	11.5
Wales. { Rhyl ...	...	...	...	...	...	...	...	...	{ Bournemouth ...	*	*	*	62	43	bc	bc	11.5
{ Colwyn Bay ...	...	...	...	...	...	...	...	...	England, S.W. { Weymouth ...	...	-	-	59	50	bc	bc	9.0
{ Llandudno ...	...	...	...	...	...	...	...	...	{ Torquay ...	...	-	-	59	48	b	b	12.0
{ Aberystwyth ...	...	...	...	...	...	...	...	...	{ Paignton ...	...	-	-	59	48	b	b	12.0
{ Tenby ...	9.7	-	-	59	43	c bc	bc o	9.5	{ Penzance ...	12.1	-	-	59	50	bc	bc	9.0
								9.4	{ Newquay ...	...	-	-	59	48	b	b	12.0
									{ Bude ...	9.3	-	-	59	48	b	b	12.0
									{ Ilfracombe ...	...	-	-	59	48	b	b	12.0
									{ Weston-s-Mare ...	...	-	-	59	48	b	b	12.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total 1573 Joules.	Average Rate. 26.8 Milliwatts.	Max. Rate. 85 Milliwatts.	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.		Morning.	Evening.		Morning.	Evening.
				Max.	Min.											
				24 HOURS ENDED 9 h. TO-DAY.												
				%	%											
Greenwich (Royal Obsy.) ...	60	66	7.0	62	40	36	-	c.0	bc	c.0						
City (Bunhill Row) ...	*	*	8.3	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	62	73	6.3	61	42	36	0.4	bc o	bc p bc	o	British Isles ...	7	18	Corunna ...	7	16
Camden Sq. (Brit. Rainfall)	45	63	6.0	63	43	39	Trace	bc c	c.0	-	France ...	7	18	Madrid ...	8	16
Hampstead (Reservoir) ...	*	67	7.3	58	40	33	0.3	bc	bc	o	Norway ...	7	18	Lisbon ...	7	21
S. Kensington (Museum Grounds)	60	64	8.3	61	44	39	-	bc	c	bc b	Denmark ...	6	18	Azores ...	8	17
Richmond Park	*	*	*	*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21
Kew. (See front page.)	*	*	8.8	*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	-
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																

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

4 th June 1916.				PILOT BALLOON ASCENTS for the PAST WEEK.																								
STATION.			Sunrise.		Noon.	Sunset.	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.	
Date and Hour.			G.M.T.		G.M.T.	G.M.T.	Benson		Eskdalemuir		Paimouth		Paimouth		Eskdalemuir		Benson		Benson		Benson		Benson		Benson		Benson	
			29th May 7h14m		29th May 7h30m		29th May 7h25m		30th May 7h5m		30th May 7h22m		30th May 7h12m		31st May 7h18m		31st May 7h18m		31st May 7h18m		31st May 7h18m		31st May 7h18m		31st May 7h18m		31st May 7h18m	
Heights in Kilometres	5	+4	+4	+1	+3	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5
	4	+4	+4	+1	+3	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	
	3	+2	+4	+2	+0	+3	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	
	2	+4	+5	+4	+1	0	+1	0	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	
	1	-0	+1	+3	-1	+2	-2	-1	+1	+3	+1	+2	+3	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	
0.5	+2	+1	0	0	0	-6	+2	-12	0	0	-2	-6	-2	-6	-2	-6	-2	-6	-2	-6	-2	-6	-2	-6	-2	-6	-2	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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.

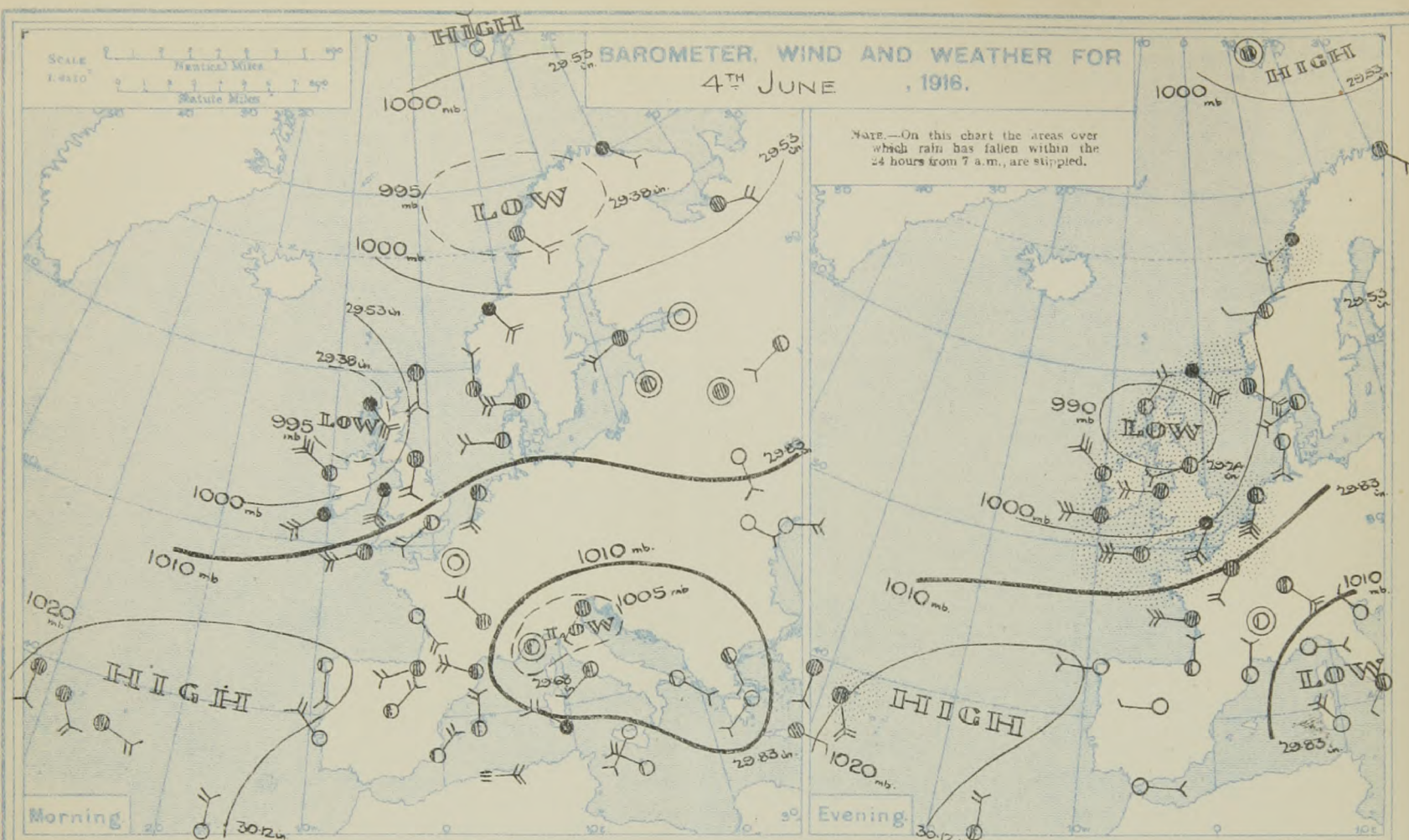
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 157. Monday, 5th June.

DATE.	STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
																						Hours.
BRITISH ISLANDS.	Lerwick	996.8	46	SE	5	or	994.9	-1	45	0	NE	6	-	om	5	6	48	38	opm	opm	omq.p.	
	Deerness (Orkney)	989.8	45	E	5	orgm	989.5	-	46	-1	NNE	3	-	opg	5	7	52	45	oge	orm	opg.	1.0.
	Stornoway	986.8	51	NE	3	bc	993.0	+5	47	+2	NNE	6	-	og	5	11	51	45	org	org. bc	opg.	1.9
	Castletown (Barra Isd.)	986.4	50	NE	2	o	992.9	+4	49	0	N	4	N	og	4	2	51	46	r.o.c.o	o	fbcdg	5.2
	Glasgow	988.2	50	WSW	3	o	986.9	+2	49	+4	NW	2	N	c	2	2	55	45	op	o.c.v.o	opq.p	2.0.
	Esksdalemuir	989.1	49	WSW	4	od	986.0	+1	46	+2	ESE	1	-	o	2	19	54	43	or	op	od.o	0.9.
	Malin Head	986.3	50	WSW	5	ogpm	990.1	+4	48	-1	N	6	N	cgp	6	3	53	45	cqp	cmq.p	cq.p.	3.0.
	Blackod Point	991.7	49	NW	5	cpm	998.1	+5	49	+1	N	5	N	cm.p.	5	2	52	46	cpm	cpm	cm.p.	3.0.
	Valencia	998.6	52	W	5	o	1001.8	+4	52	-2	NW	5	NW	c	2	1	54	49	r.o.d.o	o.c.o	op	1.1
	Roche's Point	998.3	54	W	5	o	999.0	-	52	-2	NW	5	N	c	4	1	58	49	or.op	o.c.o	c.	
	Birr Castle	993.6	51	SW	2	c	995.2	-	50	-2	NW	3	-	c	2	6	54	46	or	c.	c.p.	1.5.
	Donaghadee	990.0	53	W	4	c	988.7	+5	50	+3	NW	4	-	ogm	4	5	56	45	um	cqp	cmq.p	
	Liverpool (Bidston)	993.3	51	WSW	3	o	988.4	0	46	-1	WSW	4	W	r	3	24	55	45	or	or	or	0.0
	Holyhead	992.7	52	W	4	og	983.7	0	46	0	WNW	7	NW	bcg	6	14	54	48	orm	or.c.o	op.c.p	0.2
	Pembroke (St. Ann's)	996.8	51	W	5	odpm	994.7	+2	51	+1	WNW	6	NW	bcg	5	9	53	48	orm	og.d.p.m	bcg.p.	0.0
	Scilly (St. Mary's)	1001.9	54	W	6	cm	1000.5	+1	51	0	WNW	6	W	cq	6	5	55	49	opm	opm	og.c.p	0.0.
	Falmouth	1000.9	54	WNW	6	odq	998.7	+2	53	+4	W	6	-	c	2	11	55	48	odq	org	og.p.p	0.0.
	Jersey (St. Aubin)	1006.3	54	SW	4	ogp	1000.3	-	52	0	W	5	-	op.	3	8	55	50	c.op	ogp	og.op	0.6.
	Portland Bill	1000.8	53	SW	6	or	996.0	0	52	0	WSW	6	NW	c	5	4	54	50	c.or	or	or.b.c.	
	Dungeness	1003.5	52	SW	8	rg	995.6	+1	54	+2	SW	6	SW	cq	6	7	56	50	bc.o	opq	ogr	
	Dever	1003.6	49	SSW	7	r	994.3	0	52	+1	SW	5	SW	b	4	7	55	49	b.b.c.c	c.op.r	op.b.c.	5.4
Wick	988.3	47	SE	3	m	988.7	+2	46	-1	NE	4	NE	o	4	2	48	45	ogpmr	pd.mg	fg.mg		
Nairn	985.9	54	-	0	c	988.1	-	48	+2	NNE	5	-	o.lq	4	9	56	45	dp.cbc	pc	og.p.r	1.5.	
Aberdeen	987.0	49	SSE	3	om	985.7	+1	48	+1	NNE	3	-	r	3	8	49	46	or	or.om	omr	0.0.	
Leith	987.5	54	SW	2	c	983.3	+1	49	+1	W	1	W	c	2	4	56	46	op.o	p.o.c	c.o.r.c.		
Tynemouth	989.5	52	WSW	2	cm	985.9	-2	49	0	SW	2	W	om	2	5	54	47	orqm	cpm	cmr		
Spurn Head	993.3	53	SW	6	r	989.8	-1	52	-1	WSW	5	-	og.p.	6	8	56	48	or	omr	or	0.0.	
Yarmouth	999.2	51	SW	6	r	992.0	0	52	+1	WSW	4	-	bc	4	7	59	50	b.o	o.r	or.b.c	6.8.	
Clacton-on-Sea	1000.8	53	SSW	7	o	993.8	0	53	0	SSW	6	SW	bc	5	2	58	50	b.b.c.c	op.d	ac.b.c	5.6.	
Nottingham	992.8	56	SW	5	r	989.6	-	51	+1	WSW	4	W	c	2	6	56	47	c.or	or	or	1.6.	
Benson (Oxon.)	997.7	53	SSW	6	o	993.3	0	51	+1	SW	5	-	c	2	4	53	47	r	r	o		
Sth Farnborough	999.1	53	SW	6	m	994.2	0	52	0	SW	5	-	c	2	5	54	46	c.a	g.c.org	rg.o.c	2.5.	
London (Kew Obsy.)	999.5	54	SSW	4	od	994.2	0	53	+1	SW	4	-	ou	2	5	55	49	b.c.v.a	o.or.od	od.orou	2.6.	
NORTHERN EUROPE.	Spitsbergen	1005.0	36	-	0	o	1003.7	0	36	+6	-	0	-	f	2	2	36	28				
	Vardö	996.8	28	SE	3	o	999.9	+3	39	0	-	0	-	o	2	2	39	37				
	Bodö	995.7	45	SW	4	r	997.5	+1	46	-2	S	2	-	c	2	5	48	39				
	Christiansund	1001.5	46	W	1	c	999.0	0	48	+3	E	2	-	b	3	-	48	43				
	Skudesnaes	998.9	48	ESE	5	o	990.9	-2	48	+2	ESE	6	-	r	4	9	50	46				
	Færder (Xtania Fjord)																					
	The Scau (Skagen)	1005.0	54	W	3	bc	1002.4	-1	50	+4	SSE	4	-	o	4	1	54	46				
Blaavands Huk	1005.0	55	SSW	3	b	998.0	-3	54	+8	SSE	5	-	o	5	Trace	55	46					
FRANCE, &c.	The Helder	1005.2	54	SSW	7	c	993.3	-5	50	-4	S	7	-	r	2	5	59	50				
	C. Gris Nez	1004.7	53	SW	7	o	996.8	0	54	+2	WSW	7	-	c	7	4	57	48				
	La Hève	1006.4	52	SW	5	r	997.2	-	52	-1	WSW	5	-	o	5	1	57	48				
	Brest (St. Mathieu)	1006.4	55	SW	5	f	1004.3	0	55	0	W	5	-	o	4	2	59	48				
	Rochefort (le d'Aix)	1013.5	56	W	5	o	1007.3	0	59	+5	WSW	5	-	o	2	-	66	52				
	Biarritz	1015.3	62	N	2	bc	1014.0	0	57	+2	SW	4	-	bc	2	-	68	54				
	Paris	1010.0	55	SW	3	o	1002.4	-1	54	0	SSW	4	-	o	2	1	64	50				
	Belfort	1013.5	50	SE	4	c	1011.8	-	46	WSW	3	-	o	2	3	50	42					
	Lyons	1018.3	60	-	0	b	1011.3	-	53	+5	ESE	1	-	bc	2	-	63	44				
	Nice	1006.3	57	E	2	b	1008.8	+3	60	+2	-	0	-	b	3	-	70	50				
Perpignan	1013.0	66	N	2	b	1012.7	+1	64	+7	NW	2	-	b	2	-	64	46					
Sanguinaire		66	NW	3	m			61		W	5	-	c	6	-	68	52					
SOUTHERN STATIONS.	Corunna	1019.5	59	W	2	b	1015.9	0	59	+7	SW	3	-	r	1	2	61	52				
	Madrid	1012.7	72	W	1	b	1013.3	+2	63	+13	-	0	-	b	2	-	73	50				
	Lisbon																					
	Azores	1020.0	66	SSE	4	o	1018.0	0	62	-1	SSE	4	-	o	3	5	70	61				
	Madeira	1018.9	66	N	3	bc	1018.5	0	59	0	NE	2	-	c	2	-	68	59				
	Gibraltar	1015.2	66	E	2	b	1014.9	-	65	0	E	3	-	c	2	-	74	64				
	Malta						1016.0	+3	66	-4	NW	3	-	c	1	2	77	64				
	Limassol						1011.4	0	84	+7	-	0	-	b	1	-	90	61				
	Alexandria	1009.2	77	E	4	b	1010.4	+3	77	0	NE	3	-	b	2	-	102	72				
	Cairo (Helwan)	1007.5	90	NE	6	b	1008.7	+2	86	-5	-	0	-	b	2	-	106	75				
YESTERDAY'S REPORTS		3 ⁵⁵ .. 20 h. G.M.T.					June 4 ¹⁵ .. 7 h. G.M.T.															
MEDITERRANEAN.	Venice	1004.3	70	SW	1	zr	1003.6	0	66	-6	SW	1	SW	o	4	1	79	61				
	Turin	1003.4	61	NE	1	zr	1004.7	0	50													

* Information for these columns not usually received.

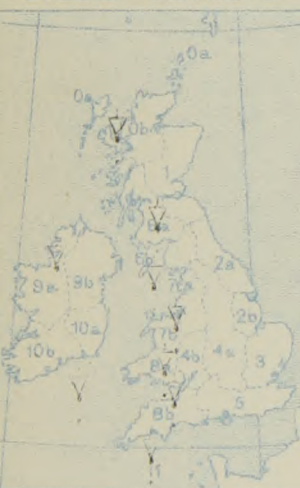
† Received too late for insertion in Charts

‡ 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 Cone.	South Cone.
North Cone.	North Cone.

Cones Hoisted at 1 a.m.

Western Channel and Bay 11

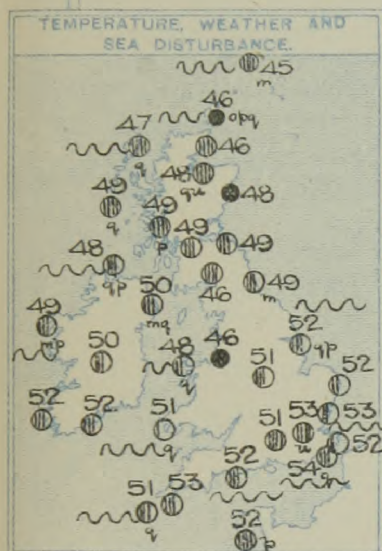
- | | | | |
|----|---|---|--|
| 0 | a | } | Strong or high North-Easterly winds, decreasing later; dull, some rain, improving; cold. |
| b | | | |
| 1 | a | } | Wind becoming strong or high Northerly, then decreasing to-morrow; dull, showery; cold. |
| 2 | b | | |
| 3 | a | } | Strong Westerly winds; cloudy, showery; cold. |
| 4 | b | | |
| 5 | a | } | Strong or high Northerly winds, decreasing to-morrow; dull, showery, then improving; cold. |
| 6 | b | | |
| 7 | a | } | Strong Westerly or North-Westerly winds; cloudy, showery; cold. |
| 8 | b | | |
| 9 | a | } | Same as Nos. 6 and 7a. |
| 10 | b | | |
| 11 | a | } | Strong Westerly winds; rough sea; cloudy, showery. |
| b | | | |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR THE MORNING OF MONDAY, 5TH JUNE, 1916.

GENERAL INFERENCE.

The depression will move slowly away to the Eastward or South-Eastward.



EXPLANATION.

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

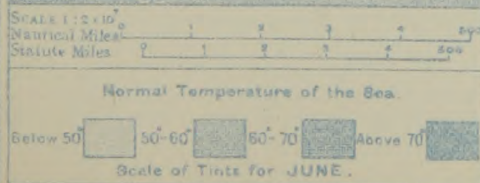
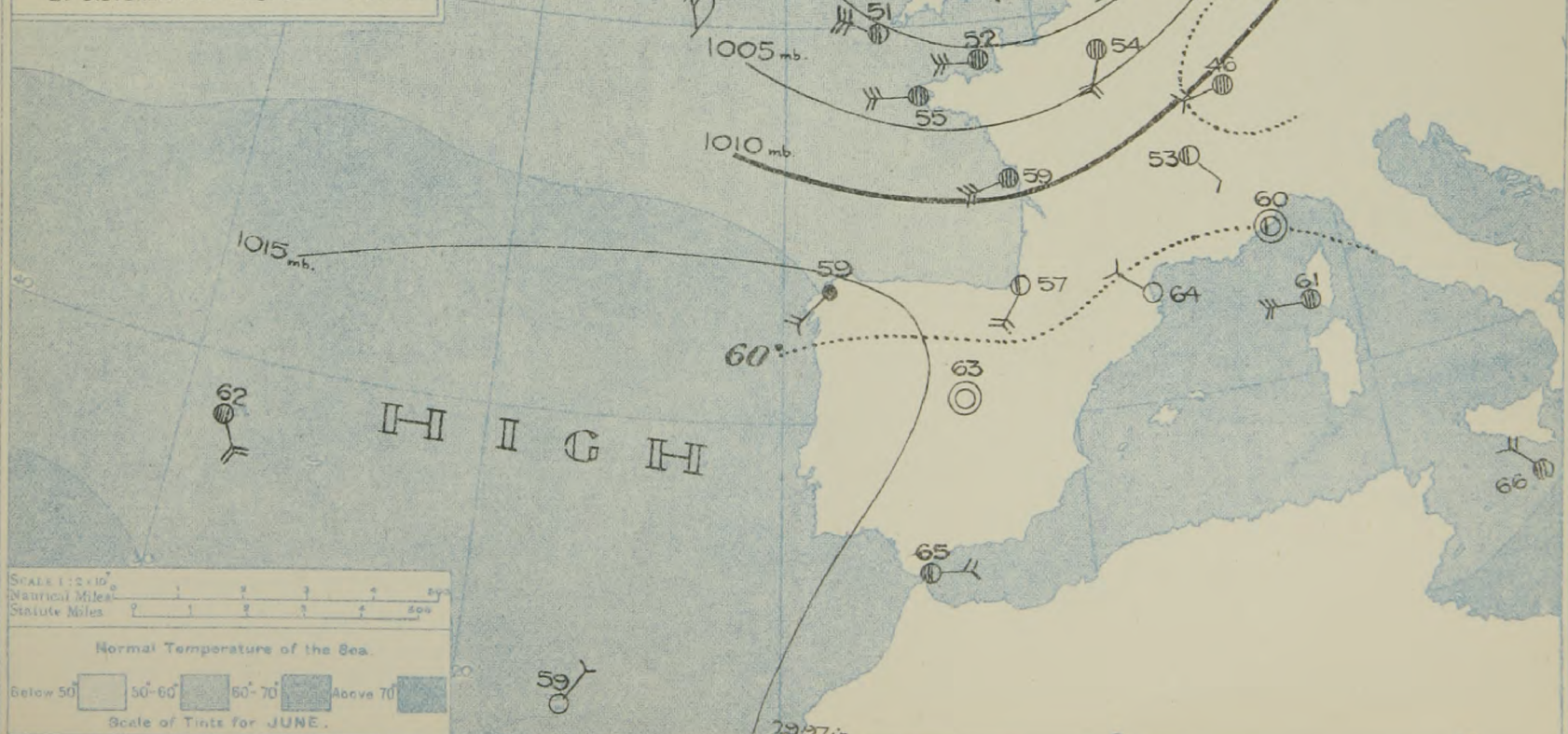
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers.

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

WEATHER.—Shown by the following symbols:—

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

SEA DISTURBANCE.—Rough High



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	3 rd AT 9 P.M. LOCAL TIME					4 th AT 7 A.M. LOCAL TIME.															
	BAROM. Milli- bars at M.S.L.	TEMP. F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.					
			Direc.	Force 0-12.				Dry Bulb. F.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.				
Archangel ...	1004.2	55	ESE	1	3	999.4	-3	37		ESE	3	*	0	*	-	*	41				
Gorki ...		-	-	-	-	1006.1	?	59			0	*	0	*	6	*	54				
Veliki Luki ...	1003.0	61	S	2	0	1008.2	*	52		SW	1	*	0	*	-	*	52				
Hangö ...	1002.9	43	SSW	4	0	1004.0	?	46		WSW	3	*	0	*	-	*	43				
Riga ...	1007.3	54	-	0	0	1008.3	+1	52		-	0	*	0	*	-	*	48				
Petrograd ...	1003.3	52	WNW	3	0	1004.6	+1	52		-	0	W	0	*	1	68	46				
Moscow ...	1007.3	54	-	0	0	1008.3	+1	54		-	0	*	0	*	-	*	45				
Kiev ...	1003.7	63	SSW	3	0	1012.7	+1	59		S	3	*	0	*	-	*	48				
Kharkov ...	1013.9	59	S	2	0	1016.3	+2	59		W	2	*	0	*	-	*	57				
Kishinev ...	1013.6	59	SE	3	0	1013.9	0	55		SE	2	*	0	*	-	*	48				
Elisabetgrad ...	990.4	59	S	2	0	-	-	-		-	-	*	-	*	-	*	-				
Nicolaiev ...	1013.9	64	SE	4	0	1015.0	*	59		ESE	3	*	0	*	-	*	52				
Odessa ...	1013.9	63	SSW	1	0	1013.9	+1	63		SE	3	*	0	*	-	*	59				
Tarkhankout ...	1014.4	59	W	2	0	1014.0	?	61		ESE	2	*	0	*	-	*	50				
Soukhom ...	1014.0	64	-	0	0	1014.4	?	64		-	0	*	0	*	-	*	?				

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 3 rd 4 th	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 3 rd 4 th	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 12h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 12h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	F.	F.						Mm.	Mm.	F.	F.			
Scotland.									England, E.								
Oban ...	30	5	3	32	46	r. op	c.	29	Lowestoft ...	7.3	-	1	58	44	bc. og	ogr	5.1
Banff ...	94	-	2	50	42	cp	cp. r	0.1	Felixstowe ...	9.2	-	1	57	44	b. bc. gr	acr. c	4.6
Carnoustie ...	60	*	*	51	45	r.	ncp. bc	0.9	Walton-on-Naze ...	8.4	-	1	57	44	bc. c	c. oru.	4.2
St. Andrews ...									Southend-on-Sea ...								
England, N.E.									England, S.E.								
Harrogate ...	10.6	-	11	55	43	r	r. o. c.	0.2	Margate ...	9.8	*	*	58	45	bc	or	5.6
Skegness ...	8.5	-	2	55	39	p. bc. r	r. ou	4.1	Ramsgate ...	10.3	-	-	57	50	b. bc. o.	or	6.4
									Hastings ...	8.4	*	*	56	43	bc. o	c. or	4.8
									Eastbourne ...	8.0	-	2	59	45	bc	og	4.4
									Seaford ...	7.8							
England, N.W.									Brighton ...	8.8							
Morecambe ...									Worthing ...	10.1	-	5	55	41	c. o	gr	1.7
Blackpool ...									Littlehampton ...	9.3	-	5	60	40	b. bc	ur	1.8
Southport ...	11.4	2	13	54	46	or	r	0.0	Bognor ...	7.9							
									Bournemouth ...	11.5	*	*	52	42	or	r	1.4
Midlands.									England, S.W.								
Buxton ...	8.0	*	*	52	42	or	or		Weymouth ...								
Leamington Spa ...	9.5	-	3	56	41	or	o	0.9	Torquay ...	12.3	1	3	56	48	or	or	0.0
Malvern ...									Paignton ...								
Ross-on-Wye ...									Penzance ...								
Wales.									Newquay ...		5	2	58	51	or	op.	0.0
Rhyl ...	12.1	1	7	56	44	op. o	op. c.	0.1	Bude ...	12.0	3	6	58	49	r	r	0.0
Colwyn Bay ...		*	*	37	47	cp.	p. bc	0.0	Ilfracombe ...								
Llandudno ...	12.0	*	*	55	47	r	r	0.0	Weston-s-Mare ...								
Aberystwyth ...	9.5	*	*	56	46	r. o	or.	0.0									
Tenby ...																	

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total.	Average Rate.	Max. Rate.
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	690 Joules.	15.1 Milliwatts.	56 Milliwatts.		
				Max.	Min.										
24 HOURS ENDED 9 h. To-Day															
% °	% °	Hr.	F. °	F. °	F. °	mm. °									
Greenwich (Royal Obsy.) ...	93	69	3.7	57	47	43	5	0.02	0.0	0.0					
City (Bunhill Row) ...	*	*	3.3	*	*	*	*	*	*	*					
Westminster (St. James's Pk.)	98	73	3.4	57	49	46	8	0.02	0.0	0.0					
Camden Sq. (Brit. Rainfall)	-	66	1.5	57	48	46	8	-	-	-					
Hampstead (Reservoir) ...		70	2.7	52	45	33	10	0.0	0.02	0.					
S. Kensington (Museum Grounds)	*	74	3.7	57	48	46	7	0.02	0.0	0.02					
Richmond Park ...	*	*	3.6	*	*	*	*	*	*	*					
Kew. (See front page.)	*	*	2.5	*	*	*	*	*	*	*					
(Greenwich and Camden Square air temperatures are in Galsler screens.)															

Hours of Observation G.M.T.					
	Morning.	Evening.		Morning.	Evening.
	h.	h.		h.	h.
British Isles ...	7	18	Corunna ...	7	16
France ...	7	18	Madrid ...	8	16
Norway ...	7	18	Lisbon ...	7	21
Denmark ...	6	18	Azores ...	8	17
Holland ...	6	17	Madeira ...	7	21
Italy ...	7	20	Malta ...	8	—
Egypt ...	6	18	Limassol... ..	6	—

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

...	5 th 1916.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.34	5.51	12.0	8.0
Greenwich ...	5.47	11.58	12.0	7.9
Wick ...	5.13	12.10	12.0	7.9
Valencia ...	5.25	12.39	12.0	8.3

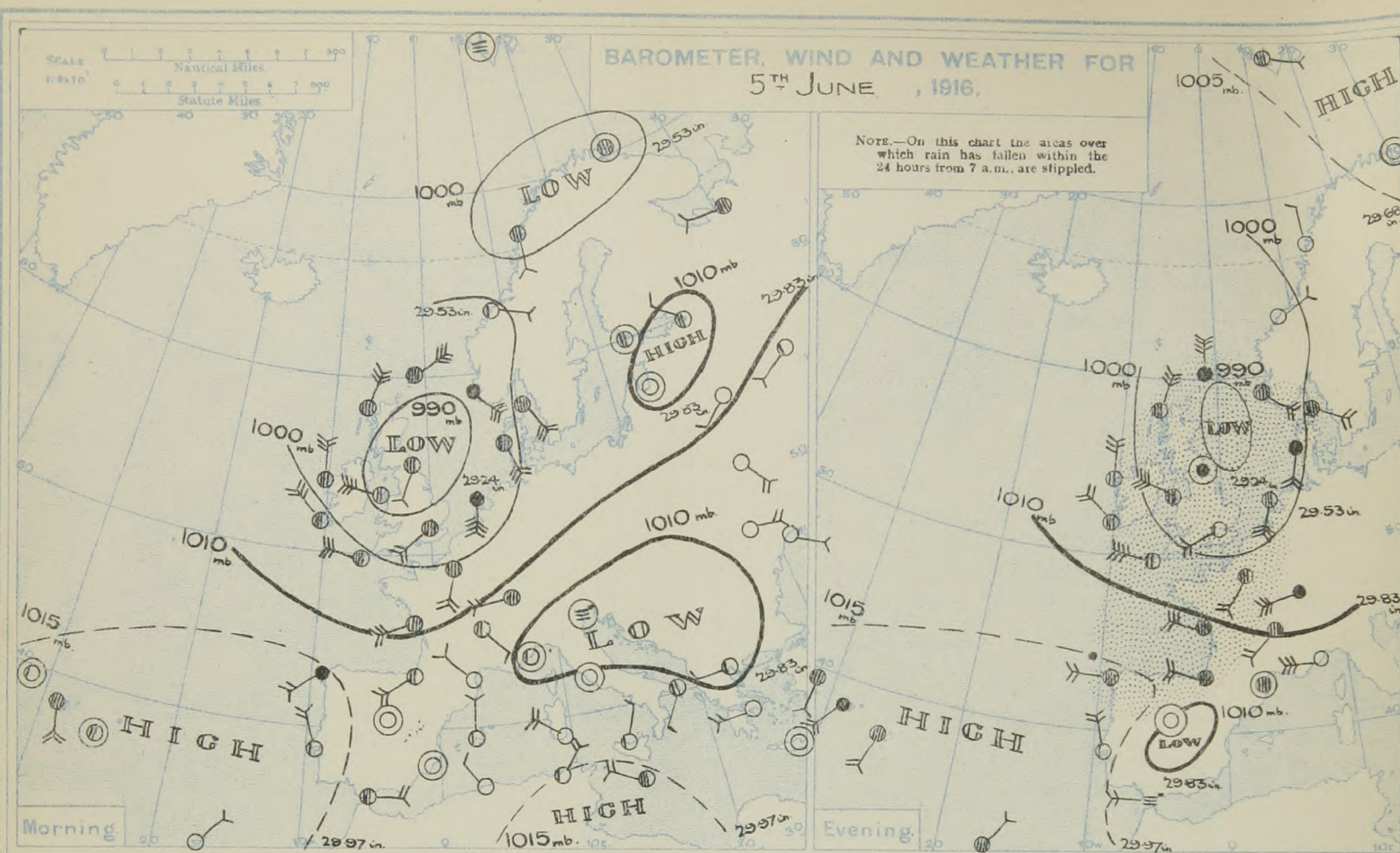
NOTES ON YESTERDAY'S WEATHER.

Rain fell generally over the country, up to 24 mm. at Liverpool, and sunshine measurements were small. Temperatures were between 50° and 60° generally. A gale was experienced in the Straits of Dover during the night.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; 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, hear frost; z, dust-haze, or smoke.

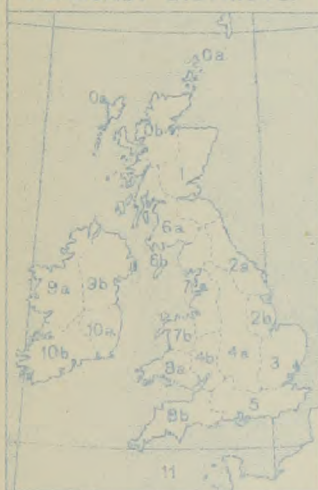
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STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS					Sun- shine for Yester- day. Hours.	
	Barom. Milli- bars at M.S.L.	WIND.			Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud	Weather.	Sea 0-9	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
		Temp.	Direc.	Force 0-12				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12					Max.	Min.	Morning	Afternoon	Night.		
BRITISH ISLANDS.	Lerwick	990.2	44	N	7	rq	992.6	+1	47	+2	ENE	3	-	om	3	23	47	42	ormg	rq	omp	*
	Deerness (Orkney)	990.2	43	N	7	rq	989.5	*	46	0	NNE	4	-	op	4	20	47	42	org	org	rp.o	0.0
	Stornoway	998.3	48	NNE	6	cpq	997.9	0	43	-4	N	6	-	cpq	5	3	51	41	o.c.opq	o.cpq	cpq	3.8
	Castlebay (Barra Isd.)	999.1	49	N	5	cpq	1001.1	0	45	-4	NW	5	NW	bcq	5	1	53	41	cp.cq	o.bca	c.bca	6.6
	Glasgow	993.2	53	NNW	4	c	997.3	+1	45	-4	W	4	N	c	*	-	56	41	cp	c	c	3.8
	Eskdalemuir	992.0	52	N	4	bc	997.3	0	43	-3	WNW	6	W	c	*	1	51	37	o.or	or.c.bc	bc.cow	6.5
	Malin Head	997.5	50	NW	5	bc	1000.9	0	48	0	NW	5	N	bcq	5	1	51	45	omg	bcq	bcq	4.8
	Blackrod Point	1003.8	50	N	5	bc	1005.6	+2	47	-2	N	3	N	bc	3	1	53	43	bcn	bc	cp.bcp	*
	Valencia	1006.8	52	NW	4	c	1007.6	+1	50	-2	NW	2	NW	c	3	2	56	46	c.op	c.bp.bc	c.bc.cb	9.3
	Roche's Point	1003.9	53	NNW	4	bc	1007.2	*	50	-2	WNW	3	NW	b	2	0.1	58	45	c.bc	bc	bc.b	*
	Birr Castle	1001.3	50	NW	3	c	1006.3	*	48	-2	NW	2	NW	bc	*	1	58	41	cp	cp	c.b.c	5.3
	Donaghadee	996.5	52	NW	6	bcqz	1001.1	+2	46	-4	NW	4	NW	bcn	3	-	53	44	cqm	bcqz	bcnq	*
	Liverpool (Bidston)	994.7	50	W	5	0	1000.5	+2	48	+2	W	4	W	bc	4	3	55	46	opq.c	bc	cp	3.1
	Holyhead	996.9	53	WNW	6	cpq	1002.3	+2	48	0	WNW	6	NW	c	5	Trace	56	47	cp.o.c	c.o.bc	bc.cac	7.2
	Pembroke (St Ann's)	1001.0	51	WNW	4	cpq	1004.7	+1	49	-2	NW	4	NW	bcq	4	2	53	47	cp.bca	cpq	cpq	5.7
	Scilly (St. Mary's)	1005.5	54	WNW	7	bcq	1007.8	0	50	-1	NW	6	NW	bc	6	1	57	47	c.bc	bcq	bcq.p	12.3
	Falmouth	1004.2	56	W	6	bq	1006.6	+1	49	-4	W	2	-	bc	*	2	58	46	cq.bq	bcq	bcq.op	13.2
	Jersey (St. Aubin)	1004.2	56	W	5	b	1007.2	*	53	+1	SW	5	-	0	4	1	58	51	q.p.bca	bc.b	b.o	11.2
	Portland Bill	999.8	54	WNW	5	bc	1003.8	+1	52	0	WNW	6	NW	cpq	4	0.6	56	50	bcp	bc	bc.cq	*
	Dungeness	997.4	56	WSW	7	bcq	1002.8	+2	50	-4	SW	3	-	r	3	2	59	49	cp	c.bca	cp.or	*
	Dover	997.3	54	SW	3	bc	1002.9	+2	50	-2	SW	3	W	0	4	7	57	46	bcp.bc	bcpq	b.bc.o	9.5
NORTHERN EUROPE.	Wick	990.7	44	N	5	r	989.7	+2	47	+1	N	3	N	r	3	16	47	41	omqr	omqr	omqr	*
	Nairn	994.1	46	N	4	r	992.9	*	43	-5	NW	6	-	ouqb	5	8	48	42	cpq	qr	q.p.c	0.0
	Aberdeen	990.0	45	NW	5	r	990.0	-1	45	-3	W	6	-	0	3	39	50	41	or.op	or.dq	opq.c.o	0.0
	Leith	992.5	51	NW	4	c	995.8	0	47	-2	W	2	W	c	3	4	54	42	c.or.o	o.c.b	c.bc.c	*
	Tynemouth	990.3	51	-	0	cm	996.5	+1	48	-1	WNW	3	W	bcn	3	8	55	42	cmf	cmr	bcn	*
	Spurn Head	991.9	52	NW	4	cpq	998.5	+1	48	-4	WNW	4	-	or	5	1	58	46	cpq	cpq	cp.o	6.1
	Yarmouth	993.9	56	W	3	bc	993.5	+3	49	-3	WNW	2	-	0	2	4	59	48	bcp	bcp.lt	bcp.o	5.0
	Clacton-on-Sea	995.6	55	SW	4	bc	1001.6	+2	52	-1	WSW	3	W	bc	2	6	61	48	bc.c	cp.bca	bc.cpc	8.0
	Nottingham	994.0	54	W	4	0	1000.1	*	50	-1	W	3	W	c	*	2	59	47	cp.o	op.h.c	o	2.9
	Benson (Oxon.)	996.5	56	WSW	3	bc	1002.4	+2	50	-1	WSW	3	-	0	*	2	61	46	cp	tpq	c.o	*
Sth Farnborough	997.1	55	W	5	bc	1002.8	+2	47	-5	WSW	3	-	or	*	4	60	46	pq	pq.bca	bc.b.or	9.7	
London (Kew Obs.)	996.7	58	WSW	4	b	1002.7	+2	51	-2	WSW	4	-	0	*	3	60	48	ou.or.op	dq.c.bca	b.c.o	8.5	
FRANCE, &c.	Spitsbergen	1006.0	36	SE	2	c	1007.4	+1	36	0	-	0	*	c	*	37	30	LONDON (Kew Obs.). LINE-SQUALL at 14 ^h 20 ^m . Wind rose to 18 m.p.s. and changed from WSW to NW. Temperature fell 10°F. Pressure rose 1.5 mb. Precipitation and slight thunder.				
	Vardø	1005.2	41	-	0	b	1008.4	+3	46	+7	SE	1	-	b	2	46	34					
	Bodø	1003.5	48	N	1	b	1003.7	0	50	+4	E	2	-	bc	2	-	50					41
	Christiansund	997.9	52	ENE	2	c	997.3	0	57	+9	SE	8	-	c	4	-	57					46
	Skudenes	992.7	50	SE	4	0	991.7	-1	55	+7	ESE	3	-	b	3	18	55					45
	Færder (Xtania Fjord)	1000.3	52	ESE	4	0	997.7	-2	50	0	SSE	3	-	r	3	8	57					48
SOUTHERN STATIONS.	The Scaw (Skagen)	996.4	52	SSW	4	r	995.8	+2	54	0	SSW	3	-	c	3	5	55	48	GALES. Duration and Extreme Force in British Islands ABERDEEN. 5 th 17h. Gusts NW 18 m.p.s. 6 th 7h. " W 21 " DEERNESS 5 th 20h. Ext. NW 8.			
	Blaavands Huk	996.4	52	SSW	4	r	995.8	+2	54	0	SSW	3	-	c	3	5	55	48				
	The Helder	994.0	55	SEW	6	c	998.6	+2	52	-2	WSW	6	-	r	3	4	57	52				
	C. Gris Nez	997.2	54	W	5	c	1002.3	+3	48	+6	W	5	*	f	8	4	55	48				
	La Hève	1003.4	54	W	7	bc	1006.3	*	52	0	SW	7	*	0	7	4	57	48				
	Brest (St. Mathieu)	995.5	55	WNW	5	b	1010.1	0	52	-3	W	5	*	0	4	2	61	50				
	Rochefort (Ile d'Aix)	1010.9	59	WNW	5	0	1013.0	0	57	-2	WNW	5	*	0	*	1	63	54				
	Biarritz	1014.9	60	WNW	4	0	1016.0	0	59	+2	SW	3	*	0	3	2	66	59				
	Paris	1003.6	59	WSW	3	bc	1009.5	+2	54	0	SW	3	SW	c	*	4	64	46				
	Belfort	1007.5	56	WSW	6	r	1013.7	*	50	+4	WSW	6	*	c	*	4	63	47				
MEDITERRANEAN.	Lyons	1009.1	64	SW	3	0	1015.3	*	55	+2	S	1	*	b	*	-	72	49				
	Nice	1008.3	62	W	6	b	1010.4	0	64	+4	W	6	*	b	5	-	73	55				
	Perpignan	1012.6	64	-	0	0	1015.9	+2	63	+1	NW	1	S	0	*	-	77	61				
	Sanguinaire	*	63	W	-4	0	*	*	61	0	E	2	*	bc	4	-	73	54				
	Corunna	1017.2	63	W	4	0	1017.9	0	57	-2	SW	1	-	0	3	4	64	55				
	Madrid	1009.5	77	-	0	bc	1014.3	+2	64	+1	NE	2	-	b	*	-	81	54				
	Lisbon	1015.8	66	NNW	4	b	1016.4	+1	61	+2	NNW	3	-	bc	5	-	70	59				
	Azores	1017.9	*	SW	4	r	1017.2	0	63	+1	-	0	*	0	2	15	66	61				
	Madeira	1018.3	66	NE	2	0	1017.6	0	63	+4	NE	3	-	bc	3	-	66	59				
	Gibraltar	1013.5	67	W	4	m	1013.5	*	59	-6	NW	2	*	m	2	-	75	58				
YESTERDAY'S REPORTS	Malta	*	*	*	*	*	1015.0	0	68	+2	E	4	-	b	4	-	70	66				
	Limassol	*	*	*	*	*	1009.7	+1	81	-3	ENE	1	-	b	0	-	93	59				
	Alexandria	1012.2	73	NE	3	b	1014.9	+3	73	-4	NW	3	-	b	2	-	84	68				
	Cairo (Helwan)	1008.6	93	N	4	c	1013.7	+2	75	-13	N	3	-	b	*	-	95	70				
	Venice	1005.2	59	NW	1	b	1008.0	0	59	-7	-	0	-	m	3	3	70	55				
	Turin	1005.9	61	-	0	b	1008.2	0	59	+9	-	0	-	b	*	5	66	50				
	Pesaro	1007.1	59	-	0	b	1009.3	0	62	-8	SSE	1	-	b	3	8	77	54				
	Leghorn	1007.7	64	W	4	b	1009.7	0	66	+2	W	3	W	bc	5	-	73	62				
	Rome	1011.3	61	SW	1	c	1010.2	0	64	-4	-	0	-	b	*	-	72	57				
	Viesti	1007.6	70	SW	1	c	1009.0	0	66	-4	W	1	W	c	2	-	80	73				
YESTERDAY'S REPORTS	Brindisi	1009.6	68	SE	1	b	1011.1	0	66	0	SW	1	SW	bc	3	-	77	63				
	Cagliari	1012.4	68	NW	4	b	1013.9	0	57	-	NW	4	SW	b	4	-	77	46				
	Palermo	1012.6	68	-	0	0	1014.8	0	68	-9	NNE	1	-	b	1	-	84	59				
	Tripoli	1014.3	64	E																		



FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

Western Channel and Bay 11

- | | | |
|----|---|---|
| 0 | { | Squally, strong to moderate Northerly wind; cloudy, to dull, some rain and hail; cold. |
| 1 | { | Gusty Westerly to North-Westerly breeze; changeable, some rain or hail showers; cold. |
| 2 | { | |
| 3 | { | |
| 4 | { | Gusty wind between South-West and North-West; changeable, some rain and hail showers; cold. |
| 5 | { | |
| 6 | { | Gusty wind between West and North, fresh or strong at times locally; changeable, some cold showers. |
| 7 | { | |
| 8 | { | |
| 9 | { | |
| 10 | { | |
| 11 | { | Fresh Westerly to North-Westerly breeze; sea moderate; fair to dull, passing cold showers. |

FURTHER OUTLOOK.

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

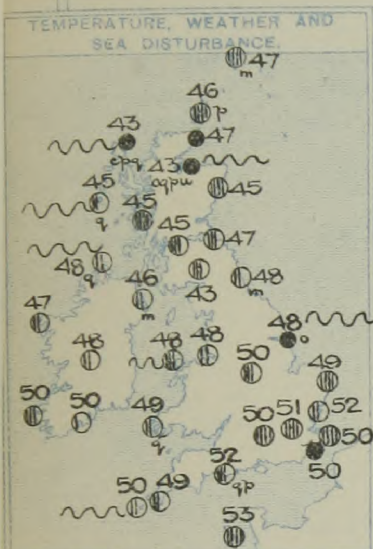
NAPIER SHAW, Director

SYNOPTIC CHART FOR THE MORNING OF TUESDAY, 6TH

JUNE, 1916.

GENERAL INFERENCE.

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



EXPLANATION.

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

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

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

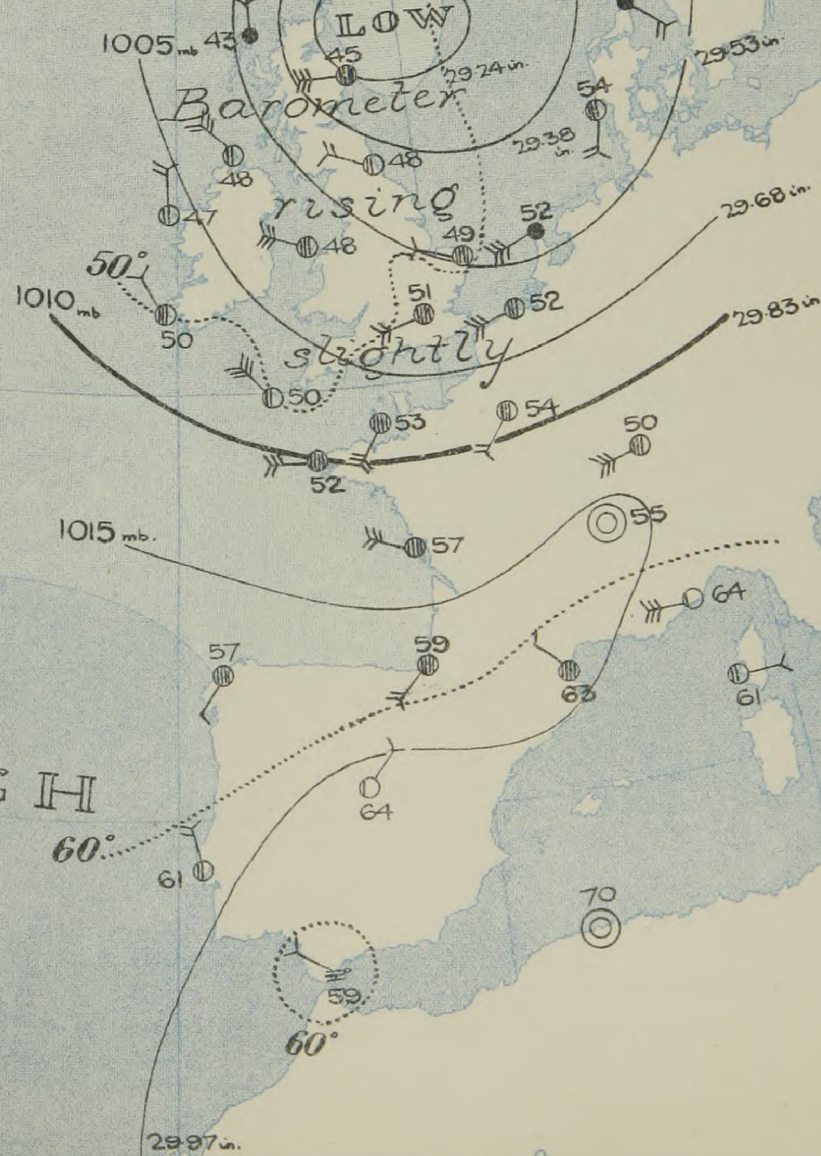
WEATHER.—Shown by the following symbols:—

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

SEA DISTURBANCE.—Rough High

HIGH

HIGH



SCALE 1:250,000
Nautical Miles
Statute Miles

Normal Temperature of the Sea

Below 50 50-60 60-70 Above 70
Scale of Tints for JUNE.

REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	4 th AT 9 P.M. LOCAL TIME					5 th AT 7 A.M. LOCAL TIME.										Sea 0-9.	Weather.	Rain- fall. Milli- metres.	TEMP.	
	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 Clouds.	Max.	Min.						
			Direc.	Force 0-12.				Dry Bulb. F.	Change in 24 hours. F.	Direc.	Force 0-12.									
Archangel ...	997.5	52	-	0	c	1004.3	+5	46	+9	WNW	2	*	o	-	3	*	43			
Gorki ...	1006.4	63	SW	1	bc	1009.1	+4	63	+4	SW	1	*	b	*	-	*	55			
Veliki Luki ...	1007.0	46	WSW	2	o	1010.0	*	?	?	E	2	*	o	*	2	*	-			
Hangö ...	1008.6	52	-	0	o	1009.6	+2	46	0	-	0	*	bc	-	-	*	41			
Riga ...	1007.8	52	WNW	2	c	1010.9	0	57	+5	-	0	*	b	-	-	*	46			
Petrograd ...	1008.4	61	WSW	2	o	1011.1	+3	52	0	NW	1	SW	bc	*	-	59	46			
Moscow ...	1011.5	64	S	3	b	1011.1	0	61	+7	WSW	2	*	b	*	3	*	54			
Kiev ...	1016.0	61	S	1	b	1012.4	0	59	0	SSE	3	*	b	*	-	*	54			
Kharkov ...	1014.0	59	SE	2	b	1018.0	+1	63	+4	SSE	2	*	b	*	-	*	52			
Kishinev ...	1013.7	63	S	2	b	1012.2	?	57	+2	SE	3	*	b	*	-	*	50			
Elisabetgrad ...	1012.8	?	SE	2	b	1014.4	0	59	-	SSE	2	*	b	*	-	*	45			
Nicolaiev ...	1012.6	64	SSW	1	b	1013.2	*	59	0	SE	2	*	b	o	-	*	50			
Odessa ...	1012.8	63	W	1	b	1012.2	0	64	+1	S	2	*	b	-	-	*	59			
Tarkhankout ...	1011.7	66	WSW	1	b	1012.7	?	64	+3	-	0	*	b	-	-	*	55			
Soukhoun ...	1011.8	0	68	+4	-	0	*	c	-	-	-	-	-	-	-	*	59			

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 4 th	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine for 4 th	STATIONS.	Sun- shine for 4 th	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine for 4 th
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	° F.	° F.						Mm.	Mm.	° F.	° F.			
Scotland.									England, E.								
Oban ...	2.9	5	2	54	42	bc	bc	1.2	Lowestoft ...	5.1	6	5	62	49	c op	c op c	6.0
Banff ...	0.4	3	10	47	44	org	org	0.0	Felixstowe ...	4.6	5	3	61	50	bc	rtl. bc	6.5
Carnoustie ...	0.9	*	*	52	46	bc	bc	5.3	Walton-on-Naze ...	4.2	1	2	60	49	bc, r. bc	bc, r. bc	7.8
St. Andrews ...	-	1	5	53	40	r	o	0.0	Southend-on-Sea ...	4.2	2	5	60	49	bc, c. op	bc, op	6.5
England, N.E.									England, S.E.								
Harrogate ...	0.4	12	-	58	44	p. o. c	bc, c	4.9	Margate ...	5.6	1	5	61	49	p	ph q, bc	6.5
Skegness ...	4.1	4	6	57	48	outlr	ptlr	4.7	Ramsgate ...	6.4	3	1	59	45	bc	bc	8.0
England, N.W.									Hastings ...	4.8	*	*	59	50	or, bc	bc	7.4
Morecambe ...	-	6	2	53	48			4.1	Eastbourne ...	4.4	5	-	58	51	bc	bc	9.3
Blackpool ...	-	-	-	-	-			-	Seaford ...	-	*	*	57	51	bc	bc	8.1
Southport ...	0.0	7	03	56	47	o. c. op	c. bc, c	4.7	Brighton ...	1.7	1	7	59	50	r. cp	cp, c	6.0
England, S.W.									Worthing ...	1.8	5	0.4	61	50	bc	bc	7.0
Buxton ...	-	2	4	53	47	or	bc	4.0	Littlehampton ...	1.8	5	0.4	61	50	bc	bc	7.0
Leamington Spa ...	0.9	2	4	53	47	or	bc	4.0	Bognor ...	-	-	-	58	49	cr	cr, c	5.5
Malvern ...	-	4	0.1	57	47	bc	bc	5.5	Bournemouth ...	1.4	*	*	58	49	cr	cr, c	5.5
Ross-on-Wye ...	-	2	1	61	47	or, c	cp, bc	4.6	Weymouth ...	-	*	*	60	50	cp, bc	bc, bc	6.5
Wales.									Torquay ...	0.0	1	-	59	50	c	c	5.7
Rhyl ...	0.1	1	1	54	48	c. op, c	bc, o	1.2	Paignton ...	-	-	-	59	50	bc	bc, bc	10.5
Colwyn Bay ...	0.0	*	*	55	48	cp	bc, o	1.6	Penzance ...	-	2	-	59	50	bc	bc	7.0
Llandudno ...	0.0	*	*	55	48	c	c	2.3	Newquay ...	0.0	0.2	-	56	50	bc	bc	4.1
Aberystwyth ...	0.0	*	*	54	49	r, o, c	c, o	1.5	Bude ...	0.0	3	-	59	49	c	c	1.5
Tenby ...	-	3	-	59	49			5.7	Ilfracombe ...	-	*	*	55	45	o	c, bc	1.5
									Weston-s-Mare ...	-	7	1	57	45	bc, cp	bc, bc	3.5

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 1537 Joules.	Average Rate. 269 Milliwatts.	Max. Rate. 90 Milliwatts.	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.						
				Max.	Min.											
24 HOURS ENDED 9 h. To-Day											Hours of Observation G.M.T.					
%	%	Hr.	F.	F.	F.	mm.					Morning.	Evening.		Morning.	Evening.	
Greenwich (Royal Obs.) ...	80	71	8.8	62	46	39	1	c	ctep	c						
City (Bunhill Row) ...	*	*	7.5	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	86	76	8.3	61	48	43	4	op. bc	bc	ou. bc	British Isles ...	7	18	Corunna ...	7	16
Camden Sq. (Brit. Rainfall)	74	65	8.0	62	46	44	6	cp	bc, bc	-	France ...	7	18	Madrid ...	8	16
Hampstead (Reservoir) ...	*	76	6.9	57	44	39	8	c	bc. op	bc	Norway ...	7	18	Lisbon ...	7	21
S. Kensington (Museum Grounds)	*	48	8.3	60	48	43	4	o. op	c	bc, bc	Denmark ...	6	18	Azores ...	8	17
Richmond Park ...	*	*	*	*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21
Kew. (See front page.)	*	*	8.5	*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																
											Egypt ...	6	18	Limassol ...	6	—

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

6 th + 7 th June, 1916.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.34	11.51	8.10
Greenwich ...	3.47	11.58	8.10
Wick ...	3.12	12.10	8.10
Valencia ...	4.25	12.39	8.54

NOTES ON YESTERDAY'S WEATHER.

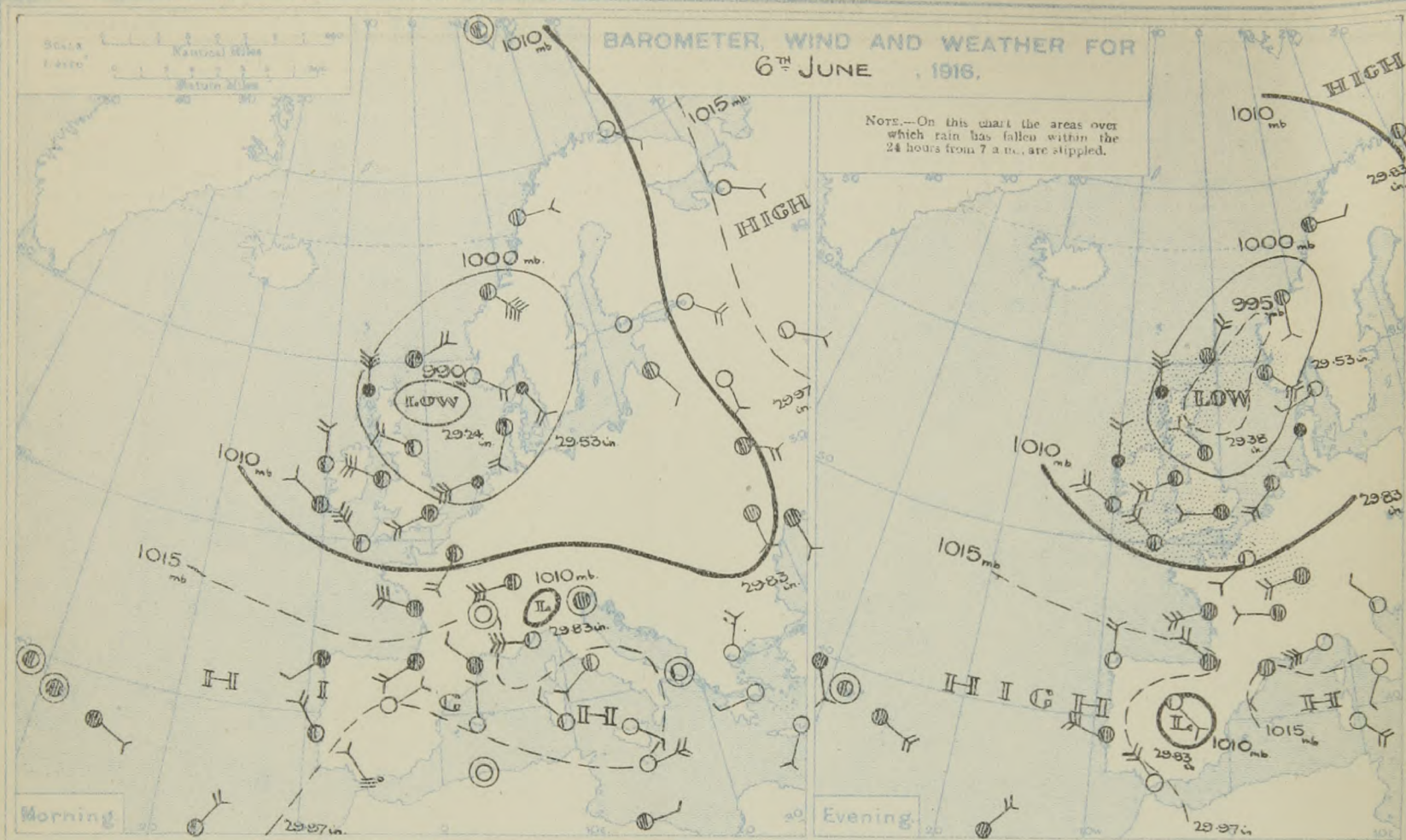
Low maximum temperatures were general, few up to 60°. Rain fell in all districts, heavily locally, 39 mm at Aberdeen. Thunderstorms occurred in south-east England. Sunshine was very variable.

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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 159. Wednesday, 7th June.

STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS					Sun- shine for Yester- day Hours.
	Barom. Milli- bars at M.S.L.	Wind.			Weather.	Barometer.		Temp.		Wind.		Dir. of Upper Wind	Weather.	Sea 0-3	Rain- fall Milli- metres	Temp.		Weather			
		Temp.	Dir.	Force 0-12		Milli- bars at M.S.L.	Change in 3 hours	Day Temp.	Change in 24 hours	Dir.	Force 0-12					Max.	Min.	Morning.	Afternoon	Night.	
Lerwick ...	995.0	47	NNE	4	o	997.3	+1	47	0	NE	3	-	om	3	10	48	39	omr	omr	om	*
Deerness (Orkney) ...	992.2	47	N	4	fe	995.2	*	47	+1	NNE	5	SW	c	4	13	49	44	or	rmf	f. o.c	0.0
Stornoway ...	998.3	46	N	6	org	1001.9	+2	45	+2	NNE	6	-	odq	5	6	47	42	c. o.pq	org	odq	0.0
Castletown (Barra Isd.) ...	1002.4	46	WNW	4	op	1003.5	+1	46	+1	N	4	N	o	4	5	49	43	bc. o.pq	q. op	opq	2.4
Glasgow ...	998.0	49	W	5	c	998.4	+1	45	0	W	2	-	omr	*	3	49	44	q. o.pq	q. o.pq	q. o.c	3.6
Eskdalemuir ...	998.6	46	W	4	o	998.4	0	44	+1	SW	3	-	o	*	0.3	51	42	c. o	op. c. o	c. o. c. o	3.0
Malin Head ...	1002.5	48	NNW	5	bcq. p	1002.0	+1	46	-2	NNW	5	N	cmq.	5	2	50	44	bcq	bcq. p	omgr	11.7
Blackod Point ...	1007.5	46	N	3	bc. p	1006.7	0	47	0	N	4	N	bc	3	1	52	42	bc	bc. p	bc. p. bc	
Valencia ...	1009.0	50	NW	4	bc	1008.9	0	46	-4	NW	3	NW	c		1	54	44	c. bp	b. bc. p	bc. p	11.0
Roche's Point ...	1007.4	55	NNW	4	bc	1008.9	*	47	-3	WNW	2	N	bc	2	1	57	42	cp. h	cp. bc	bc	*
Birr Castle ...	1005.4	53	NW	2	c	1007.4	*	46	-2	WNW	2	W	bc	*	2	57	36	cp	c	cp. bc	10.9
Donaghadee ...	1002.1	49	NW	5	bcq.	1001.2	-2	45	-1	W	4	-	omr.	3	1	52	43	cmq. p	bcmpq	bc. qm	*
Liverpool (Balston) ...	1002.6	50	W	5	o	1002.4	0	46	-2	WSW	3	NW	bc	3	Trace	54	45	b	bc	bc	10.4
Holyhead ...	1003.6	51	WSW	4	c	1003.5	0	46	-2	W	5	-	bc	4	*	56	45	c. bc	bc. c	c. b. bc	11.0
Pembroke (St. Ann's) ...	1006.4	51	W	4	bc	1007.4	+1	48	-1	NW	3	W	c	0	*	52	47	bcq. bc	bc	c	13.7
Scilly (St. Mary's) ...	1009.0	56	NW	4	bc	1008.3	0	48	+2	NW	3	W	bcq. p	4	1	58	46	cp	bc	bcq. p	11.2
Falmouth ...	1008.1	52	NW	3	bc	1007.1	+1	51	+2	WNW	2	W	b	*	4	57	44	bc. c	op. bc. p	op. b	9.3
Jersey (St. Aubin) ...	1009.0	55	W	4	b	1007.8	*	52	-1	W	3	W	c	3	2	57	48	q. p. c. b	b	o. c. o. c	7.7
Portland Bill ...	1006.2	51	WSW	5	cp	1006.3	0	51	-1	W	3	W	bc	3	5	55	49	cp. bc	cp	c. bc	*
Dungeness ...	1005.2	49	W	2	cp	1005.9	0	53	+3	SW	2	SW	bc	3	9	57	45	crq.	c. op	r. bc	*
Dover ...	1005.3	50	SW	3	c	1005.9	0	51	+1	SSW	3	-	b	2	6	55	43	opr	ort. h	c. bc. b	4.5
Wick ...	992.7	46	N	4	r	995.9	+1	48	+1	NNE	4	-	c	3	11	48	45	omr. d	omr. d	r. o. p. c	*
Nairn ...	992.6	49	WNW	3	ou	996.8	*	46	+3	NNW	6	-	d. q. o	5	17	54	42	r. q. o	q. p. c	r. q. u	0.5
Aberdeen ...	992.8	47	WNW	4	r	994.9	+2	49	+4	WNW	4	-	bc	2	9	50	44	q. p. c	q. p. c	or. bc	0.2
Leith ...	995.8	54	W	2	c	997.0	0	48	+1	W	1	-	r	2	1	55	45	c. o. p. c	b	c. bc. o. r	*
Tynemouth ...	997.1	50	NW	2	cm	998.1	0	49	+1	NW	3	NW	cm	3	*	54	45	bc. m. q	cm	cm	*
Spurn Head ...	999.7	57	NW	6	bc	1002.2	0	47	-1	WSW	5	-	bcq.	5	*	58	43	bc	bc	bcq.	6.4
Yarmouth ...	1001.9	53	W	1	bc	1004.5	0	49	0	WSW	3	-	bc	2	1	61	47	bc. p	bc. p	bc	5.8
Clacton on Sea ...	1003.3	54	WNW	2	bc	1005.3	0	51	-1	W	4	-	b	3	2	59	44	bc. o. p. t	cp. h. t. l	bc. c. b	8.7
Nottingham ...	1002.0	54	W	4	bc	1003.4	0	48	-2	W	2	W	b	*	Trace	58	39	c. bc	b. bc	bc. o. p	10.1
Benson (Oxen) ...	1004.7	49	NNW	2	bc	1005.0	0	48	-2	SW	2	-	c	*	3	57	38	p. c. b	p. c. b	bc	*
St. Farnborough ...	1005.5	55	N	2	bc	1005.3	0	52	+5	WSW	3	W	bv	*	3	59	39	q. p. h. t. l	bc. h. t. l	bc. c. b	7.3
London (New Obs.) ...	1005.4	50	W	2	o	1006.1	0	50	-1	SW	2	-	b	*	4	56	42	cp. o. t. h	o. o. t. h	q. b. b	6.0
NORTHERN EUROPE.																					
Spitsbergen ...																		UPPER AIR			
Vardö ...	1010.1	45	S	1	bc	1006.1	-3	46	0	SE	1	-	o	2	*	48	37	South Barb. 6.34			
Bodö ...	1001.7	59	E	1	c	1000.8	0	54	+4	NNE	3	-	c	2	*	59	50	Plot Balloon Ascent at 6.34			
Christiansund ...	995.5	61	S	2	c	1001.0	+3	50	-7	WNW	2	-	c	3	*	66	46	metres m.p.s			
Skudesneves ...	995.8	50	SSE	5	c	997.7	0	50	-5	SE	4	-	b	4	3	56	46	Wind at 2100 WSW 9			
Færder (Xanth. p. d.) ...																		" " 1800 WWS 9			
The Scaw (Skagen) ...	1000.8	52	W	1	b	1002.4	0	48	-2	SE	1	-	r	1	Trace	54	46	" " 1500 WSW 7			
Blauvande Huk ...	1001.2	52	SW	2	clr	1001.9	0	54	0	SSW	2	-	bc	2	*	54	46	" " 1200 WWS 8			
FRANCE, &c.																					
The Helder ...	1001.6	54	SW	4	c	1003.9	0	52	0	SW	3	-	bc	2	2	55	46	" " 900 WWS 8			
C. Gris Nez ...	1004.8	50	W	5	o	1005.9	0	52	+4	WSW	5	*	bc	4	5	54	48	" " 300 WWS 7			
La Hève ...	1008.7	55	W	6	bc	1009.1	*	50	-2	WSW	4	*	c	5	4	59	48	" " Surface SWbyW 5			
Brest (St. Mathew) ...	1011.0	53	WSW	4	c	1009.7	0	53	+1	WNW	3	*	c	3	*	59	48				
Rochefort (St. Aiz) ...	1013.6	59	WSW	5	o	1012.0	0	57	0	W	4	*	o	*	*	64	55				
Biarritz ...	1015.9	61	NW	3	o	1014.3	0	59	0	WNW	2	*	o	2	*	66	57				
SPAIN																					
Paris ...	1009.2	55	SW	2	b	1010.1	0	54	0	SSW	2	-	o	*	6	63	46				
Belfort ...	1012.4	55	WSW	4	o	1014.6	*	52	+2	WSW	4	*	o	*	3	59	46				
Lyons ...	1013.2	64	W	2	o	1014.4	*	57	+2	SW	2	*	c	*	*	70	49				
Nice ...	1010.1	67	WSW	6	b	1012.4	+2	63	-1	-	0	*	b	3	*	79	54				
Perpignan ...	1015.4	63	SW	1	o	1013.7	-1	66	+3	E	2	-	b	*	*	68	48				
Sanguinaire ...	*	67	W	2	b	*	*	64	+3	E	1	*	b	2	*	75	57				
SOUTHERN STATIONS.																					
Corunna ...	1017.3	63	N	3	b	1015.4	-1	57	0	SSW	3	-	o	2	*	64	54				
Madrid ...	1009.5	79	SE	2	b	1012.0	+1	64	0	-	0	-	b	*	*	81	54				
Lisbon ...	1015.9	64	NW	5	o	1014.0	-1	59	-2	N	3	-	b	2	*	70	57				
Azores ...	1017.1	*	-	0	bc	1016.4	0	63	0	-	0	*	o	1	*	73	61				
Madeira ...	1016.8	66	NE	3	o	1016.7	0	63	0	NE	2	-	o	2	*	66	63				
Gibraltar ...	1015.6	70	NW	4	b	1012.5	*	66	+7	E	3	*	m	2	*	81	59				
Malta ...	*	*	*	*	*	1015.3	+3	70	+2	NNE	4	-	b	3	*	72	64				
Limassol ...	*	*	*	*	*	1009.1	+1	75	-6	W	1	-	b	2	*	82	57				
Alexandria ...	1014.6	72	NW	4	b	1013.9	0	75	+2	NW	3	-	b	2	*	81	68				
Cairo (Helwan) ...	1012.3	82	N	4	b	1013.3	0	72	-3	N	2	-	b	*	*	95	66				
YESTERDAY'S REPORTS																					
5 th 20th Oct.																					
6 th 21st Oct.																					
Venice ...	1009.4	66	SSW	2	o	1011.1	0	62	+3	-	0	SW	o	3	-	70	59				
Turin ...	1009.4	62	-	0	b	1009.5	0	61	+2	-	0	-	b	*	*	68	52				
Pesaro ...	1012.1	64	-	0	b	1013.0	0	68	+6	SSW	4	SE	e	3	*	77	57				
Leghorn ...	1013.6	64	W	3	b	1013.9	0	66	0	S	2	W	bc	5	*	66	62				
Rome ...	1015.6	62	-	0	b	1017.2	0	68	+4	SW	2	-	bc	*	*	73	59				
Viesti ...	1013.5	66	-	0	b	1015.4	0	68	+2	-	0	-	b	1	*	73	60				
Brindisi ...	1014.2	64	-	0	b	1014.9	0	64	-2	-	0	-	b	2	2	68	59				
Cagliari ...	1013.6	75	S	2	b	1015.1	0	70	+3	NW	1	-	b	3	*	73	48				
Palermo ...	1016.3	64	-	0	b	1016.7	0	68	0	SE	1	-	b	1	*	77	54				
Tripoli ...	1008.6	75	SSE	1	b	1008.0	0	68	-	E	1	-	c	1	*	93	72				
Algiers ...	1013.7	66	NNE	1	b	1013.5	+1	70	+6	-	0	-	b	2	*	72	61				



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO THURSDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No warnings issued.

Western Channel and Bay. 1)

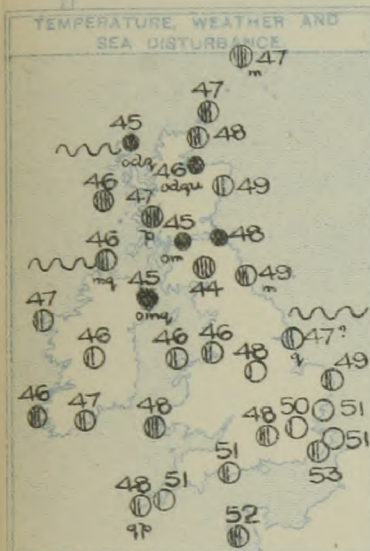
- | | | | |
|----|---|---|---|
| 0 | a | } | North-Westerly to Northerly breezes, moderating somewhat; changeable, showery; cold. |
| 1 | b | | |
| 2 | a | } | Westerly to North-westerly breezes, moderate; changeable, some showers; cold. |
| 3 | b | | |
| 4 | a | } | Light to moderate Westerly breeze; changeable, some showers; cold. |
| 5 | b | | |
| 6 | a | } | Same as Nos. 0 and 1. |
| 7 | b | | |
| 8 | a | } | Same as No. 2 |
| 9 | b | | |
| 10 | a | } | Moderate North-Westerly breeze; fair, some showers; cold. |
| 11 | b | | |
| { | | | Moderate North-Westerly and Westerly breezes; sea moderate; cloudy, some showers; cold. |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR THE MORNING OF WEDNESDAY, 7TH JUNE, 1916.

GENERAL INFERENCE.

Some improvement is probable in the general situation, but the conditions will still be unstable.



EXPLANATION.

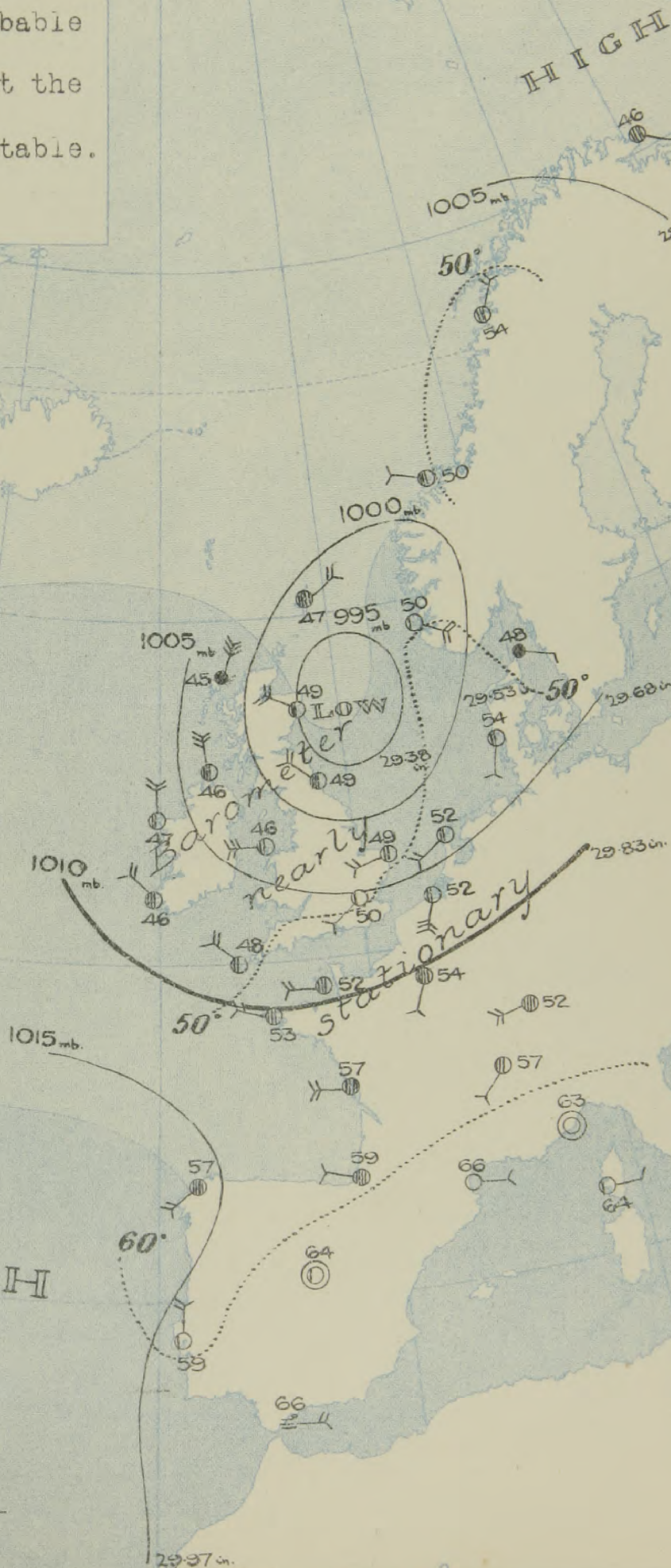
BAROMETER.—Isobars are drawn for intervals of five millibars.

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

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

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

SEA DISTURBANCE.—Rough (wavy line). High (dashed line).



SCALE 1:100,000
 Nautical Miles
 Statute Miles

Normal Temperature of the Sea.

Below 50 50-60 60-70 Above 70

Scale of Tints for JUNE.

REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	5 ^h.....AT 9 P.M. LOCAL TIME					6 ^h.....AT 7 A.M. LOCAL TIME.										Sea 0-9.		Rain- fall. Milli- metres.	Temp. Max. Min.	
	BAROM. Milli- bars at M.S.L.	TEMP. F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.							
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 2 hours.	Day Temp.	Change in 24 hours.	Direc.	Force 0-12.									
Archangel ...	1012.4	54	-	0	b	1016.7	+1	55	+9	SE	2	*	b	-	-	*	45			
Gorki ...	1011.5	?	-	0	b	1011.5	?	64	+1	S	2	*	b	-	-	*	54			
Veliki Luki ...	1010.4	63	-	0	b	1010.4	*	66	-	SSE	2	*	b	-	-	*	55			
Hangö ...	1009.9	48	WSW	2	c	1003.4	-3	52	+6	ESE	4	*	o	-	4	*	41			
Riga ...	1006.0	61	-	0	bc	1003.1	-1	66	+9	SSE	1	*	c	-	-	*	59			
Petrograd ...	1012.2	61	ESE	5	b	1010.4	-2	59	+7	SE	4	S	b	-	-	68	52			
Moscow ...	1015.1	64	NE	2	b	1017.7	+2	52	+9	SE	2	*	b	-	-	*	54			
Kiev ...	1010.1	66	SSE	3	b	1009.5	0	59	0	SE	3	*	o	-	-	*	55			
Kharkov ...	1016.4	64	SE	2	b	1015.7	0	61	-2	SSE	2	*	o	-	-	*	54			
Kishinev ...	1009.6	64	SE	3	o	1011.3	0	61	+4	S	2	*	o	-	-	*	55			
Elisabetgrad ...	1011.8	64	SE	3	b	1011.3	0	61	+2	S	2	*	c	-	-	*	54			
Nicolaiev ...	1010.4	64	-	0	b	1010.4	-	63	+4	SSE	2	*	o	-	-	*	52			
Odessa ...	1011.0	63	SSW	3	b	1009.9	0	63	-1	SSW	2	*	o	-	-	*	63			
Tarkhankout ...	1012.0	64	SE	2	b	1011.4	0	64	0	SSE	4	*	o	-	-	*	63			
Soukhom ...	1013.3	72	-	0	b	1011.8	0	72	+4	NNE	2	*	o	-	-	*	61			

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 5 ^h	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine for 17 h.	STATIONS.	Sun- shine for 5 ^h	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine for 17 h.		
		Night 17h-0h.	Day. 0h-17h.	Max.	Min.	Forenoon	Afternoon.				Night 17h-0h.	Day. 0h-17h.	Max.	Min.	Forenoon	Afternoon.			
		Min.	Min.	F.	F.						Min.	Min.	F.	F.				Hr.	
Scotland.									England, E.										
	{ Oban	4.0	1	0.3	50	43	bcp	o		0.9	{ Lowestoft	1.1	2	2	61	48	c.op	c.op.ell	54
	{ Banff	0.4	10	5	48	40	or	or		0.0	{ Felixstowe	7.2	-	6	58	47	bcp	bort	82
	{ Carnoustie	2.9	*	*	55	45	pe bc	cp bc		1.5	{ Walton-on-Naze	9.3	0.3	1	57	47	bcp. bc	bcp. bc	9.0
	{ St. Andrews	-	1	-	56	42	-	-	1.1	{ Southend-on-Sea	4.8	1	4	57	48	c.op.ell	bccor	2.9	
Eng. E.E.									England, S.E.										
	{ Harrogate	0.8	1	-	54	43	b bc	bcc.o		7.3	{ Margate	6.3	-	2	57	47	cp.ellh	tryp bc	17
{ Slegness	4.2	2	0.1	58	47	o. bp	po. bc.o	6.7		{ Ramsgate	7.3	2	4	56	44	c.or	n.ell bc	32	
										{ Hastings	4.8	*	*	58	47	or. c	bc. ell	33	
										{ Eastbourne	5.8	15	3	57	48	or	bc b	7.0	
Eng. N.W.									England, S.W.										
	{ Morecambe	0.0	2	-	53	47	-	-		8.0	{ Seaford	8.3	*	*	57	48	r. c	c	8.1
	{ Blackpool	-	-	-	-	-	-	-		-	{ Brighton	-	0.1	1	58	50	o. c	c. or c	6.4
	{ Southport	0.0	-	0.3	54	47	c. bcc	cop c		8.0	{ Worthing	3.2	0.3	1	59	48	bc	bc	7.7
										{ Littlehampton	2.8	-	0.9	61	48	o. bc.	bcp	7.0	
Midlands.																			
	{ Buxton	-	*	*	51	42	bc. d	bc	7.8	{ Bognor	-	-	-	-	-	-	-	-	
	{ Leamington Spa	1.1	1	2	57	45	c. bcp	c. bp	6.2	{ Bournemouth	1.4	*	*	57	47	cr	cr	5.4	
	{ Malvern	1.2	-	3	57	46	bc	bc	5.0										
	{ Ross-on-Wye	0.7	1	0.3	61	45	on bc	bcp. th	7.4										
Wales.																			
	{ Rhyl	0.1	-	-	56	42	b. bc	bc	9.7	{ Weymouth	-	*	*	62	48	bcp. bc	c. bcp	6.8	
	{ Colwyn Bay	1.6	-	-	55	46	bc	bc. o	9.5	{ Torquay	0.6	1	1	59	48	bc c	bc cp.	7.5	
	{ Llandudno	2.3	*	*	55	46	b	b. bc	9.2	{ Paignton	-	-	-	-	-	-	-	-	
	{ Aberystwyth	0.0	*	*	54	46	rac	c. bc	4.5	{ Penzance	1.8	3	-	59	48	bc	bc	10.0	
	{ Tenby	-	1	-	58	46	-	-	10.4	{ Newquay	1.5	1	1	55	48	bccp.	bc. cp.	5.8	

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.			Total. 1503 Joules.		Average Rain. 25.5 Milliwatts.		Max. Rain. 96 Milliwatts.	
	15 h. Yester- day.	9 h. To- day.		In Shade.		Min. on Grass.		Fore- noon.	After- noon.	Night.	Morning.	Evening.	Morning.	Evening.					
				Max.	Min.														
															IS ENDED 9 h. To-Day				
%	%	H.	F.	F.	mm.														
Greenwich (Royal Obsy.) ...	61	70	6.7	60	40	30	2	cptl	op c	c bc	Hours of Observation G.M.T.								
City (Rushill Row) ...	*	*	7.1	*	*	*	*	*	*	*									
Westminster (St. James's Pl.)	67	73	6.4	59	44	39	1	bc. ur	ad. r.	bc									
Camden Sq. (Brit. Rainfall)	59	68	8.1	61	43	41	4	bcp	bcp	bc									
Hampstead (Reservoir) ...	*	7.9	7.3	56	40	38	5	bc	bc	bc									
S. Kensington (Meteor. Grdn.)	*	6.9	6.8	58	44	39	2	bc	org	bcp									
Richmond Park	*	*	*	*	*	*	*	*	*	*									
Kew. (See front page.)	*	*	6.0	*	*	*	*	*	*	*									
(Greenwich and Camden Square air temperatures are in glass screens.)																			

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

7 th - 8 th June, 1916.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	{ 3.33	11.51	8.10	
Greenwich ...	{ 3.46	11.59	8.11	
Wick ...	{ 3.11	12.10	9.11	
Valencia ...	{ 4.24	12.39	8.55	

NOTES ON YESTERDAY'S WEATHER.

Temperature failed to reach 60° nearly everywhere. Rain was general, 17 mm at Nairn. Thunderstorms occurred in many places. Sunshine ranged from none in the far north to 13.7 hours at Pembroke.

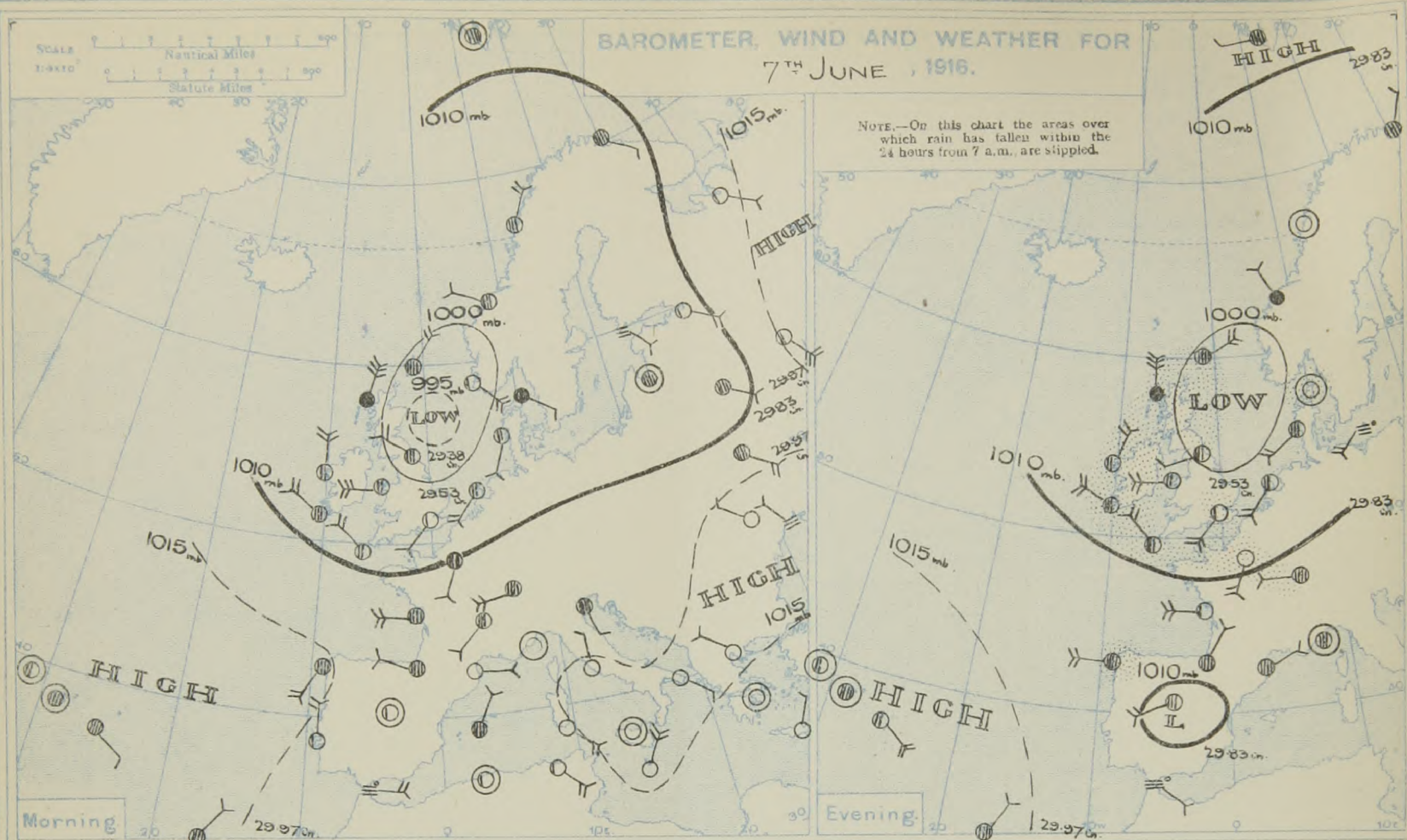
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air without rain falling; f, fog; g, gloom; h, hail; i, light rain; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain;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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 160.

Thursday.
8th June.

STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS.						Sun- shine for Yester- day. Hours.
	Barom. Milli- bars at M.S.L.	Temp.	Wind.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	Temp.		Wind.	Direc. of Upper Cloud	Weather.	Sea 0-9	Rain- fall. Milli- metres.	Temp.		Weather.					
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Direc.	Force 0-12.	Morning.	Afternoon	Night.			
BRITISH ISLANDS.																						
Lerwick ...	999.6	48	ENE	4	om	1002.1	0	48	+1	ENE	3	-	om	3	0.3	49	40	om	om	om	*	
Deerness (Orkney) ...	997.6	47	N	4	om	1000.0	*	47	0	NNE	4	-	ome	4	4	52	46	cp	cp. om	opm	7.1	
Stornoway ...	1003.7	46	N	6	org	1004.3	+1	47	+2	N	5	-	cqr	4	3	47	43	adp. o	org	o. cqr	0.0	
Castlebay (Barra Isd.) ...	1005.4	48	NNW	4	cq	1006.2	0	45	+1	NNW	3	-	r	3	2	50	43	opg	op. cq	c. org	3.2	
Glasgow ...	1000.5	50	WNW	1	o	1003.0	+2	46	+1	W	1	NW	c	*	1	54	43	r. o. cop	op	od. c. o	0.1	
Eskdalemuir ...	1000.3	45	N	2	od	1003.0	+1	44	0	W	1	W	o	*	1	52	40	oru	oru	od. c. o	0.0	
Malin Head ...	1004.7	48	NNW	4	cq	1005.6	0	46	0	N	5	N	cq	6	1	50	43	bcqr	bcq	cq	6.5	
Blackrod Point ...	1008.4	49	NNE	3	bc	1009.4	0	47	0	NNE	3	N	bc	3	1	52	41	cp	cp	cp. bc	*	
Valecia ...	1008.9	51	NW	4	c	1010.0	+1	48	+2	N	3	-	c	2	0.3	53	43	c. bc	cp	c. bc	9.5	
Roche's Point ...	1008.2	53	N	3	c	1009.7	*	47	0	NNW	2	-	b	2	trace	56	45	bc. c	c. bc. c	bc. b	*	
Birr Castle ...	1006.2	48	NW	2	c	1009.7	*	45	-1	NW	1	-	b	*	7	54	35	cp	cp	or. b	4.4	
Donaghadee ...	1003.3	50	N	5	bcqm	1005.4	+1	45	0	NW	4	NW	cm	3	1	52	44	bcqm	bcqm	bcqm	*	
Liverpool (Bidston) ...	1002.7	49	WSW	4	o	1005.2	+2	47	+1	W	3	W	o	3	-	50	46	bc. o	o. c	o	1.9	
Holyhead ...	1003.7	53	W	4	bc	1006.0	+1	48	+2	WNW	5	NW	bc	4	1	54	46	bc. cop	op. c. bc	c. b. bc	4.0	
Pembroke (St. Ann's) ...	1006.2	50	W	5	bc	1007.4	+1	50	+2	NE	1	N	c	1	-	52	47	c. bc	bc	c. bc	12.1	
Scilly (St. Mary's) ...	1008.6	52	NW	3	cv	1009.3	0	50	+2	NW	2	NW	c	3	1	56	46	bc. cv	bc. cv	bc. cv	11.2	
Falmouth ...	1007.6	54	NW	4	b	1008.2	+1	52	+1	W	2	W	b	*	-	57	40	c. bc	bc. b	b	14.4	
Jersey (St. Aubin) ...	1007.9	53	W	4	o	1008.7	*	52	0	W	3	-	bc	2	0.4	57	43	cop. bc	bc. o	b	5.7	
Portland Bill ...	1006.0	52	WSW	4	bc	1007.3	0	51	0	W	4	-	b	3	-	55	49	bc. c	bc	bc. b	*	
Dungeness ...	1005.4	54	WSW	5	bc	1007.7	+2	51	-2	WSW	2	W	bc	3	0.3	57	41	p. bc	bc	bc. bc	*	
Dover ...	1005.4	53	SW	5	bc	1007.8	+2	51	0	SW	2	SW	b	4	1	56	42	bc. bc	bc. b	c. o. bc. b	12.6	
Wick ...	997.8	48	NNW	4	o	1000.0	+1	47	-1	NNE	4	NE	o	3	3	50	46	c	c. opm	omr. p	*	
Nairn ...	1000.1	45	NW	2	org	1001.2	*	47	+1	NNW	3	-	opu	3	9	47	44	org	op	cp. g	0.0	
Aberdeen ...	998.0	47	WNW	5	cp	999.0	+1	48	-1	NW	4	-	cp	2	6	55	46	bc. c	c. op	cp	4.5	
Leith ...	999.3	51	NNW	2	o	1001.7	+1	48	0	W	1	NW	c	2	1	53	44	r. o. d	o. c. d. o	op. o. c	*	
Tynemouth ...	999.4	50	WSW	1	cm	1001.5	+1	47	-2	WNW	3	W	cm	3	16	54	44	opm	omr	cpm	*	
Spurn Head ...	1001.9	54	W	5	cq	1003.1	+1	50	+3	NW	5	-	bc	5	-	58	45	bcq	cq	bcq	1.1	
Yarmouth ...	1003.3	54	WSW	2	bc	1005.4	+2	50	+1	WNW	3	-	bc	2	-	57	43	bc. b	bc	bc	7.5	
Clacton-on-Sea ...	1004.3	54	WSW	3	bc	1006.9	+2	48	-3	WNW	3	NW	c	2	9	58	43	bc. rh. c	cp. bc	bc. cp. c	8.3	
Nottingham ...	1002.7	53	W	4	c	1005.4	*	50	+2	WNW	3	W	cm	*	trace	59	43	bc. c	c. o	cp. o	9.5	
Benson (Oxon.) ...	1004.0	59	WSW	3	bc	1007.1	+1	52	+4	WSW	2	-	c	*	-	60	39	c	bc	b. bc	*	
St. Farnborough ...	1004.3	57	WSW	4	bc	1007.1	+1	51	-1	WSW	3	-	b	*	1	59	38	b. p. bc	flp. bc	bc. bc	12.2	
London (Kew Obsy.) ...	1004.2	60	SW	4	bv	1007.7	+2	48	-2	SW	3	W	b	*	3	60	42	b. p. tr. o	orth. tr. b	bv. bc. b	10.2	
NORTHERN EUROPE.																						
Spitsbergen ...	1011.7	36	W	1	o	1012.7	+1	34	-3	NW	2	*	o	*	*	37	32	UPPER AIR.				
Vardö ...	1003.1	45	NNE	1	o	1005.1	+2	41	-5	N	2	-	o	4	*	46	41	South Farnborough.				
Bodö ...	1004.3	57	-	0	b	1003.0	-1	57	+3	-	0	-	b	0	-	57	48	Pilot Balloon Ascent at 6h.37m.				
Christiansund ...	1002.7	50	NNW	2	r	1002.9	0	50	0	NE	2	-	o	3	4.2	52	46	Wind at 3,000 m. W.bys. S.m.p.s				
Skudesnaes ...																		2,700 - W 4 -				
Færder (Miania Fjord) ...																		2,400 - W 5 -				
The Scaw (Skagen) ...	1005.2	52	-	0	b	1005.2	0	50	+2	-	0	-	c	0	3	54	45	2,100 - W 5 -				
Blaavands Huk ...	1005.0	55	SW	3	c	1003.5	0	52	-2	SSW	2	-	o	2	-	55	48	1,800 - NW by W 5 -				
The Helder ...	1004.6	55	SW	3	bc	1004.3	+1	54	+2	SW	2	-	b	2	-	57	52	1,500 - W 7 -				
C. Gris Nez ...	1005.7	54	SW	6	bc	1008.2	+3	51	-1	WSW	5	*	bc	4	trace	55	50	1,200 - W.bys 9 -				
La Hève ...																		900 - W.bys 7 -				
Brest (St. Mathieu) ...	1009.6	55	W	3	c	1009.6	-1	58	+5	NE	1	*	b	1	-	61	46	600 - W 5 -				
Rochefort (le d'Aix) ...	1011.0	59	W	4	o	1008.2	-2	58	+1	S	4	*	o	*	1	66	55	300 - W.bys 5 -				
Biarritz ...	1012.4	61	NNE	2	o	1010.6	+1	59	0	NNE	1	*	b	2	-	66	55	Kew Obsy.				
Paris ...	1008.3	57	SSW	2	o	1010.6	+1	52	-2	-	0	-	o	*	3	64	48	Line Squall 14h.7h.				
Belfort ...	1012.0	57	W	2	o	1013.1	*	55	+3	W	3	*	c	*	2	61	50	Pressure rose 0.5mb.				
Lyons ...																		Temp. fell 6°F.				
Nice ...	1014.1	60	-	0	c	1013.9	0	59	-4	-	0	*	o	2	-	72	54	Wind changed from S.W.-N.W.				
Perpignan ...	1011.0	64	ENE	2	o	1009.3	+1	63	-3	ENE	2	SE	o	*	-	73	59	Much rain and hail.				
Sanguinaire ...	*	70	S	1	bc	*	*	69	+5	S	1	*	c	1	-	79	59					
SOUTHERN STATIONS.																						
Corunna ...	1013.2	66	W	4	o	1009.7	0	57	0	WSW	4	-	r	2	6	68	57					
Madrid ...	1007.7	81	WSW	3	c	1008.8	+2	64	0	-	0	W	c	*	-	82	55					
Lisbon ...	1012.3	63	NNW	5	o	1012.4	+1	61	+2	NNW	3	-	o	2	-	70	57					
Azores ...	1017.1	*	-	0	o	1017.6	0	61	-2	-	0	*	b	1	3	70	59					
Madeira ...	1016.3	66	NE	2	o	1016.4	+1	64	+1	N	1	-	o	1	-	66	63					
Gibraltar ...	1010.5	69	SE	2	m	1010.5	*	66	0	NW	3	*	b	1	-	78	60					
Malta ...	*	*	*	*	x	1017.5	+2	72	+2	NE	1	W	bc	1	-	73	61					
Limassol ...	*	*	*	*	*	1012.0	+2	75	0	W	1	-	b	1	-	82	61					
Alexandria ...	1012.4	73	WNW	4	b	1011.0	0	75	0	NW	2	-	b	1	-	82	68					
Cairo (Helwan) ...	1011.4	81	N	3	b	1010.6	0	73	+1	NW	2	-	b	*	-	93	64					
YESTERDAY'S REPORTS																						
6th June, 20 h. G.M.T.																						
Venice ...	1011.4	65	-	0	b	1012.9	*	66	+4	-	0	-	o	4	2	72	61					
Turin ...	1009.2	66	-	0	b	1012.6	*	56	-5	-	0	NE	c	*	-	72	56					
Pesaro ...	1013.6	68	-	0	b	1014.4	*	68	0	-	0	-	b	1	-	81	55					
Leghorn ...	1015.0	70	-	0	b	1015.4	*	66	0	-	0	W	c	5	-	73	61					
Rome ...	1017.4	66	-	0	b	1017.2	*	68	0	-	0	-	b	*	7	85	55					
Viesti ...	1016.0	66	SE	1	b	1015.0	*	68	0	SSE	1	-	b	3	-	75	61					
Brindisi ...	1015.9	64	SW	1	b	1015.3	*	68	+4	-	0	-	b	1	-	?	?					
Cagliari ...	1015.0	79	SE	4	b	1015.0	*	66	+6	SE	3	-	b	2	-	79	?					
Palermo ...	1016.4	62	-	0	b	1016.6	*	68	0	-	0	-	b	1	-	75	?					
Tripoli ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Algiers ...	1013.5	70	-	0	c	1012.3	0	70	0	-	0	-	b	1	-	81	64					



FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

South
Coast.

Signals hoisted this morning.

South
Coast.

North
Coast.

North
Coast.

No Warnings
Issued.

Western Channel and Bay 11

Moderate to light North-Westerly to Northerly breeze; changeable, some rain; cold.

Light to moderate Westerly and North-Westerly breezes; changeable, some showers; cold.

Light to moderate South-Westerly and Westerly breezes; changeable, some showers; cold.

Same as Nos. 0 to 2.

Same as Nos. 3 and 4.

Same as Nos. 0 to 2.

Light Northerly breeze; fine to fair, some showers; cold.

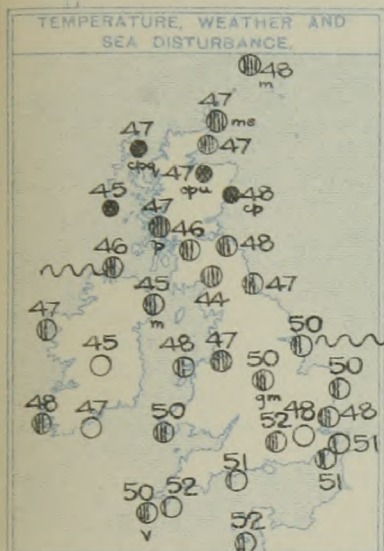
Variable winds; sea moderate; changeable, some rain, mist or fog; cold.

FURTHER OUTLOOK.

JUNE, 1916.

GENERAL INFERENCE.

The variable conditions
will be maintained.



EXPLANATION.




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

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

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

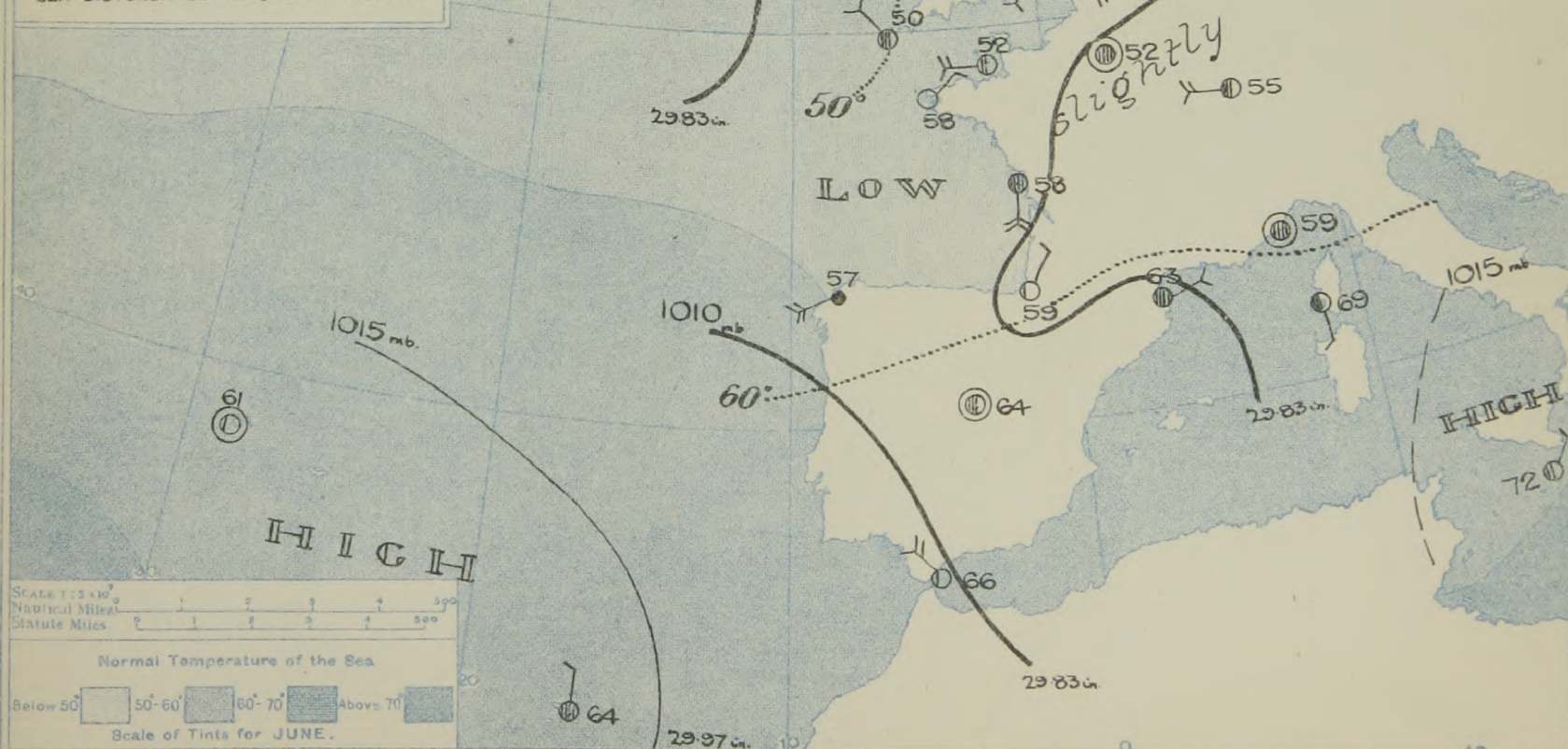
TEMPERATURE.—Given in degrees Fahrenheit.
Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—
 Clear sky. Sky & clouded. Sky & clouded.

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

*snow. ▲ hail. ≡ fog. ≡⁰ mist. T. thunder.

SEA DISTURBANCE.—Rough High .



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	AT 9 P.M. LOCAL TIME.					AT 7 A.M. LOCAL TIME.									
	Barom. Milli- bars at M.S.L.	Temp. °F.	Wind. Dir.	Force 0-12.	Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	Wind. Dir.	Force 0-12.	Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.
Archangel ...	1014.6	68	SE	1	bc	1014.0	-1	64	+9	SE	2	*	b	-	54
Gorki ...	1008.3	63	-	0	b	1005.5	-5	59	-5	SE	6	*	o	-	57
Veliki Luki ...	1009.3	66	-	0	b	1005.1	*	57	-9	SE	2	*	r	-	55
Hango ...	1007.5	50	WSW	3	o	1009.2	0	43	-9	SSE	2	*	f	-	41
Riga ...	1008.7	57	-	0	o	1008.0	0	57	-11	-	0	*	o	-	54
Petrograd ...	1009.0	72	SSE	3	b	1008.2	-1	66	+7	SE	3	S	b	-	81
Moscow ...	1010.2	68	SE	2	b	1015.7	0	64	+12	SSE	5	*	bc	-	54
Kiev ...	1008.8	57	WSW	2	o	1013.7	+3	57	-2	SE	3	*	o	-	52
Kharkov ...	1013.3	66	SE	2	c	1014.6	+2	54	-7	-	0	*	bc	-	57
Kishinev ...	1013.9	63	W	1	b	1017.3	+3	59	-2	NW	1	*	b	-	52
Elisabetgrad ...	1012.2	59	SSW	1	o	1016.2	+3	59	-2	NW	1	*	b	-	50
Nicolaiev ...	1012.3	66	SW	2	b	1016.3	*	57	-6	NW	2	*	f	-	52
Odessa ...	1013.1	63	N	2	b	1016.4	+3	63	0	N	2	*	bc	-	59
Tarkhankout ...	1014.0	64	S	1	bc	1015.7	?	64	0	N	2	*	bc	-	59
Soukhoun ...	1010.6	70	NNE	1	b	1014.6	+3	72	0	SE	2	*	c	-	63

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 6 ^h	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 6 ^h	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	°F.	°F.			Hr.			Mm.	Mm.	°F.	°F.			Hr.
Scotland.									England, E.								
Oban ...	0.9	-	-	53	45	opd	opd	0.7	Lowestoft ...	6.1	-	1	58	42	c.opc	c.opcl	3.3
Banff ...	0.0	8	0.2	50	46	opd	opd	0.6	Felixstowe ...	8.6	1	5	36	43	bc.p.r.	bc.p.	5.5
Carnoustie ...	1.6	*	*	52	49	oc.bcp	bc.or	0.1	Walton-on-Naze ...	?	-	6	57	43	b.b.c.r.b	cl.r.b.c	8.2
St. Andrews ...	1.1	*	*	54	44	op.	op.	1.8	Southend-on-Sea ...	4.1	-	-	59	45	bc.op.	bc.op.	7.0
Eng. N.E.									England, S.E.								
Harrogate ...	7.5	-	-	51	41	bc.c.	c.o	2.7	Margate ...	2.7	-	0.4	60	43	b.b.c.	bc.op	8.8
Skegness ...	7.8	0.1	-	60	40	c.bc	bc	12.1	Ramsgate ...	4.0	-	0.7	57	40	bc	bc.p.o	10.6
Eng. N.W.									Hastings ...	3.3	*	*	58	43	bc.clr	bc	10.5
Morecambe ...	8.7	-	1	52	46	-	-	0.5	Eastbourne ...	8.1	2	-	57	45	b	bc.bq	11.3
Blackpool ...									Seaford ...	9.2	*	*	57	41	r.b	b	8.9
Southport ...	8.4	1	-	52	46	o.c	c.op.c.o	1.5	Brighton ...								
Midlands.									Worthing ...	10.1	0.3	-	59	39	bc.c.	bc	10.3
Buxton ...									Littlehampton ...	8.5	0.1	0.3	58	38	o.bc	bc	9.7
Leamington Spa ...	6.7	-	-	59	42	c.bc	bc	8.0	Bognor ...								
Malvern ...	8.0	-	-	57	44	bc	bc	11.5	Bournemouth ...	5.4	*	*	57	42	cr	cr.c.	7.5
Ross-on-Wye ...	9.2	-	-	61	43	b.bc	bc.b	9.2	Weymouth ...	8.8	*	*	61	48	bc	bc	8.0
Wales.									Torquay ...	2.8	-	2	57	45	o.c	c	5.8
Rhyl ...	10.4	2	0.3	52	42	bc.op	op.o	2.6	Paignton ...								
Colwyn Bay ...	9.5	*	*	51	43	bc	bc.op	3.0	Penzance ...	12.0	1	-	57	45	bc	bc	10.5
Llandudno ...	9.2	*	*	51	44	bc.r	r	3.1	Newquay ...	2.7	1	1	54	49	b	b	10.4
Aberystwyth ...	4.5	*	*	54	46	o.c	b.bc	7.5	Bude ...	3.5	3	2	56	46	r.bc	c.bc.b	8.1
Tenby ...	12.4	-	-	58	40	-	-	12.2	Ilfracombe ...	11.0	*	*	64	?	bc.b	b.bc	9.5
									Weston-s-Mare ...	9.8	13	-	56	42	bc.b	b	10.5

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 1566 Joules.	Average Rate. 1.65 Milliwatts.	Max. Rate. 89 Milliwatts	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	Hours of Observation G.M.T.					
				Max.	Min.											
24 HOURS ENDED 9 h. To Day																
%	%	Hr.	F.	F.	F.	10 ^{mm} .				Morning.	Evening.		Morning.	Evening.		
Greenwich (Royal Obs.) ...	89	65	9.6	60	40	33	6	c	ertle	bc						
City (Bunhill Row) ...	*	*	8.2	*	*	*	*	*	*	*						
Westminster (St. James's Pl.)	90	73	9.5	59	41	37	3	or, bc	o. bc	bc	British Isles ...	7	18	Corunna ...	7	16
Camden Sq. (Brit. Rainfall)	73	66	6.5	61	41	41	5	o. bc	oprl. c	*	France ...	7	18	Madrid ...	8	16
Hampstead (Reservoir) ...	*	75	8.1	57	38	36	7	bc	bc	bc	Norway ...	7	18	Lisbon ...	7	21
S. Kensington (Museum Grounds)	*	65	9.5	60	42	39	3	c. o	egt. or	bc	Denmark ...	6	18	Azores ...	8	17
Richmond Park ...	*	*	10.3	*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21
Kew. (See front page.)	*	*	10.2	*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—
(Greenwich and Camden Square air temperatures are in Glatisher screens.)																

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

	8 th + 9 th June, 1916.		
	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.23	11.52	8.11
Greenwich ...	5.33	11.52	8.12
Wick ...	5.46	11.59	8.12
Valencia ...	5.10	12.11	8.11
	5.24	12.40	8.56
	4.24	12.40	8.57

NOTES ON YESTERDAY'S WEATHER.

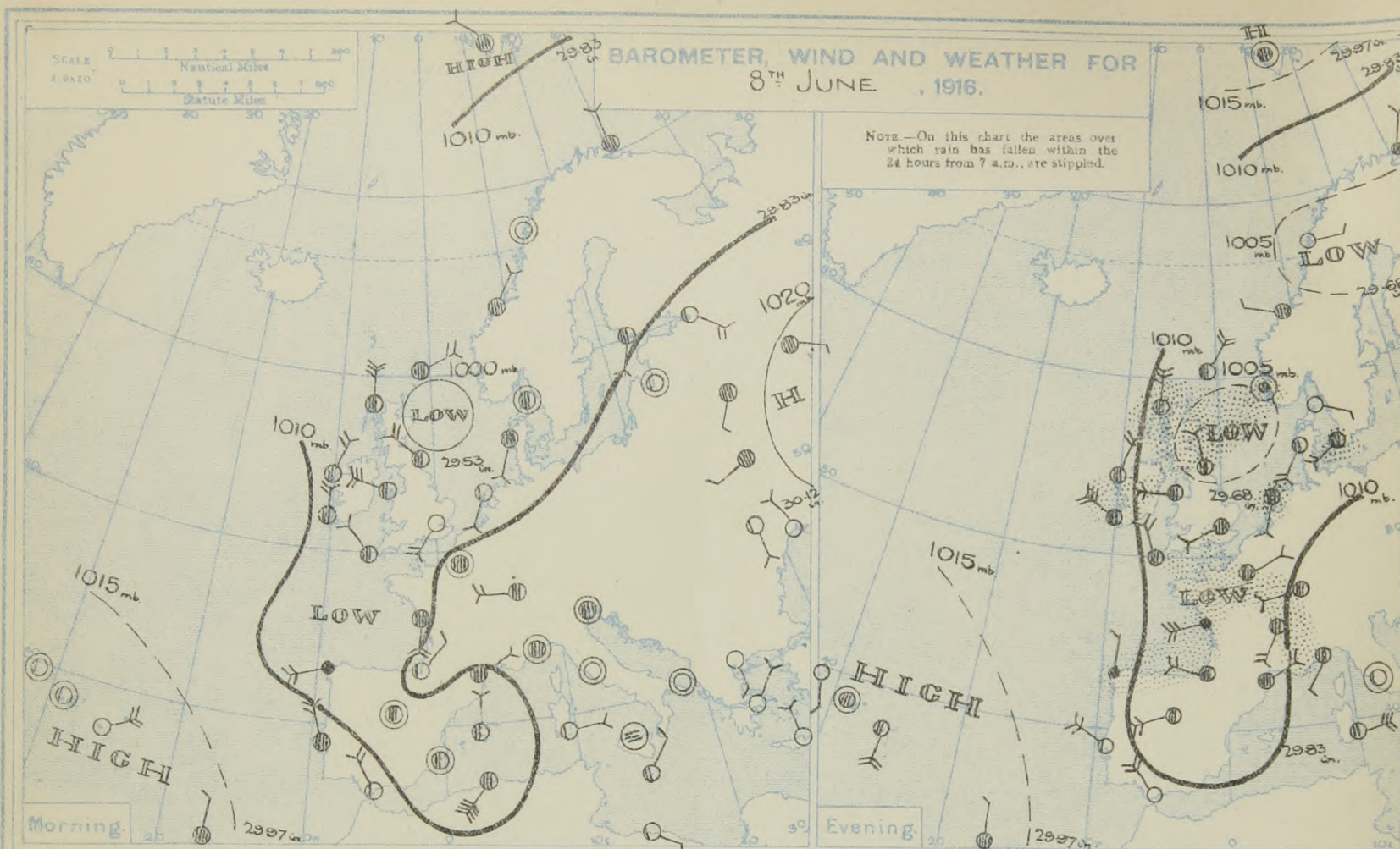
Temperature was again low, nearly everywhere under 60°, some stations under 50°. Rain fell in most places, 16 mm at Tynemouth. Thunderstorms occurred locally in the south-east. Sunshine varied greatly, none at some places to 14½ hours at Falmouth.

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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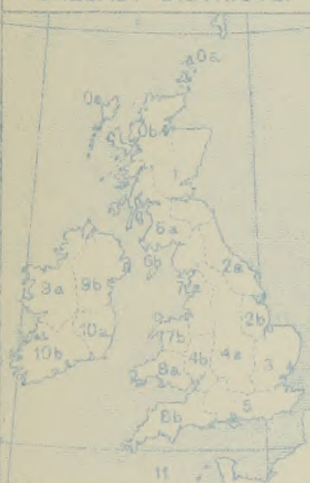
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 161. Friday, 9th June

	STATIONS	YESTERDAY EVENING				THIS MORNING										PAST 24 HOURS					Sun- shine for Yester- day	
		Barom. Milli- bars at M.S.L.	WIND.			Weather.	Barometer.		Temp.		Wind.		Direc. of Upper Cloud	Weather.	Sea 0-9	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Temp.	Direc.	Force 0-12		Milli- bars at M.S.L.	Change in 24 hours	Dry Bulb.	Change in 24 hours	Direc.	Force 0-12					Max.	Min.	Morning.	Afternoon		Night.
BRITISH ISLANDS.	Lerwick	1007.0	50	NE	4	C	1010.4	0	47	N	2	-	o	2	-	52	43	bc	bc	c	*	
	Deerness (Orkney)	1005.7	49	NE	4	om	1009.8	*	46	NNE	5	-	og	4	2	51	44	om o	om	o	1.4	
	Stornoway	1007.8	51	N	5	c	1012.2	+2	48	NE	2	-	bc	2	0.4	52	46	c.og	og	odp bc	1.9	
	Castletown (Barra Isd.)	1008.6	52	NNW	4	c	1012.2	+2	50	NNW	3	-	bc	3	0.3	53	42	r.og o	o.c	c.abc	8.2	
	Glasgow	1004.3	53	NW	2	c	1009.3	+3	49	-	0	N	c	*	4	56	43	cp	cpt	c.o.c	4.2	
	Eskdalemuir	1004.2	50	NW	3	c	1008.6	+2	46	N	2	-	o	*	1	57	40	c	cd c	o	3.9	
	Malin Head	1007.4	50	N	2	bc	1010.2	+2	49	N	4	N	og	3	-	52	45	c.og	bc	cg	3.1	
	Blacksod Point	1011.0	48	NNE	4	cb	1013.5	+3	48	NNE	4	N	og	3	2	52	44	bcp	cp	cb c b	*	
	Valencia	1011.4	53	NW	5	c	1014.4	+3	49	NNW	4	NW	cp	3	1	53	47	c b p	b bc	c.o	10.8	
	Roche's Point	1010.4	54	N	3	c	1013.3	*	48	NW	3	-	o	2	0.4	57	44	bc	bc c	c.og	*	
	Birr Castle	1009.4	51	NW	1	c	1012.0	*	48	NNW	1	-	o	*	1	54	42	bc c	cp	c.o	5.0	
	Donaghadee	1006.8	49	N	4	og	1009.2	+3	48	N	3	N	cgp	3	1	51	45	omp	cnp	bcm og	*	
	Liverpool (Bidston)	1007.0	51	W	3	bc	1007.9	+1	48	W	3	W	og	2	-	54	47	a.c b	bc	o	7.7	
	Holyhead	1007.7	50	W	4	og	1009.1	+1	50	WNW	5	NW	om	4	-	56	47	bc	bc adv	c.o.c	11.1	
	Pembroke (St. Ann's)	1009.0	51	NNW	2	b	1011.2	+1	50	NNW	3	NW	bc	2	-	57	47	cb c	bc b	bc c	3.0	
	Scilly (St. Mary's)	1009.7	55	NNW	3	cv	1012.3	+1	48	W	3	W	c	4	1	58	46	b.c v	b.c v	cv. ogp	14.1	
	Falmouth	1008.7	56	NW	3	b	1011.3	+1	52	WSW	2	-	b	*	1	57	43	b.ohp	c b	b	7.5	
	Jersey (St. Aubin)	1008.3	55	NW	2	c	1011.2	*	53	WNW	2	-	b	1	2	58	41	bc.abc	bc c	b.og b	8.3	
	Portland Bill	1007.7	53	W	3	b	1009.0	+2	?	NW	2	W	b	2	-	55	47	b bc	b	bc b	*	
	Dungeness	1007.7	53	WSW	3	c												bc	bc		*	
	Dover	1007.5	51	SSW	4	c	1008.4	+2	52	NW	3	NW	c	2	-	55	41	b bc	c bc c	c.b bc	10.1	
	Wick	1005.2	49	NNE	4	c	1010.4	+2	47	NE	4	NE	o	3	0.4	51	45	omgpc	cm	c.om	*	
	Nairn	1005.2	48	-	0	ogmp	1010.5	*	47	NE	3	-	og	3	10	51	45	d.crd	pg o	p.r.ogp	0.1	
	Aberdeen	1003.4	49	NNW	3	c	1008.1	+2	50	NNW	4	-	o	3	?	54	46	c.og	o cp	og c	2.0	
	Leith	1003.8	51	SW	1	c	1008.3	+2	49	NNE	1	NE	c	2	4	56	42	c.og o	og c	cp.og c	*	
	Tynemouth	1003.7	51	NNW	2	om	1007.4	+2	49	NNW	2	NW	cm	3	1	55	45	bcm	cnp	cm	*	
	Spurn Head	1005.7	55	WNW	5	bc	1007.6	0	51	WNW	4	-	bcm	4	-	56	44	om	bc	bc	1.8	
	Yarmouth	1006.7	56	SW	4	c	1007.5	0	50	N	2	-	bcm	2	-	63	44	bc	bcp	bctle	10.2	
	Clacton-on-Sea	1007.0	56	SSW	4	c	1008.1	+1	49	NW	3	NW	c	2	-	59	42	c.bc	bc c	cmw	6.4	
	Nottingham	1005.8	57	WNW	2	b	1006.3	*	46	W	1	W	om	*	-	61	39	c.bc	bc b	b	10.9	
	Benson (Oxon.)	1007.4	49	W	1	o	1009.6	+2	48	-	0	-	bc	*	2	59	42	bc	bcp	bc b c	*	
	St. Farnborough	1007.3	53	SW	2	o	1009.1	+2	50	NW	1	-	c	*	0.3	60	43	bc o	og o	o.c	3.7	
	London (Kew Obsy.)	1007.6	53	WSW	2	o	1009.6	+3	50	NW	1	-	o	*	3	60	46	bc o	o.og o	o.b o	6.0	
NORTHERN EUROPE.	Spitsbergen	1016.0	34	-	0	o	1018.9	+2	39	-	0	*	o	*	*	39	30	UPPER AIR South Farnborough. Pilot Balloon Ascent at 6.32 ^m metres Wind at 1500 W by N 4 m.p.s " " 1200 NW by W 5 " " " 900 NW by W 4 " " " 600 NNW 4 " " " 300 N 5 " " " Surface NW by N 1 "				
	Vardø	1005.5	36	NNE	2	r	1006.9	+2	34	NNE	3	-	s	3	*	41	36					
	Bodø	1002.4	55	E	1	b	1006.6	+3	52	W	1	-	b	1	-	59	48					
	Christiansund	1006.6	50	WNW	1	o	1008.6	+2	52	-	0	-	b	3	-	50	46					
	Skudesnaes	1005.0	46	-	0	r	1008.0	+2	48	E	2	-	c	2	9	55	46					
	Copenhagen	1008.7	55	W	3	c	1012.2	+1	54	0	SSW	3	-	r	*	59	52					
	The Scaw (Skagen)	1006.1	54	SE	1	b	1009.9	+1	50	SSW	1	S	bc	1	-	55	45					
	Blaavands Huk	1007.4	55	SW	3	bc	1009.5	+2	54	SSE	1	-	o	2	-	54	48					
FRANCE, &c.	The Helder	1008.4	54	SSW	2	c	1007.0	0	50	E	1	-	r	1	2	55	48					
	C. Gris Nez	1006.4	54	SW	2	c	1008.2	+2	52	W	4	*	b	3	-	59	50					
	La Hève	1007.9	50	-	0	r	1010.0	*	50	WNW	3	*	b	3	3	59	48					
	Brest (St. Mathieu)	1010.1	54	NNW	4	o	1013.9	+3	54	NW	3	*	c	2	-	59	46					
	Rochefort (de l'Aix)	1007.7	60	WSW	5	r	1013.6	+3	54	N	3	*	c	*	12	66	50					
	Biarritz	1008.2	64	WNW	3	o	1013.1	+2	56	NNW	1	*	f	2	3	75	55					
	Paris	1007.5	57	ESE	1	o	1010.4	+5	52	0	NNW	2	-	c	*	7	59					
	Belfort	1010.6	61	WSW	2	c	1012.0	*	57	W	4	*	o	*	3	65	53					
	Lyons	1007.5	72	SSW	3	c	1012.8	*	62	-	0	*	c	*	-	78	59					
	Nice	1013.0	64	SW	1	c	1009.9	+1	68	ESE	1	*	c	2	8	77	59					
SOUTHERN STATIONS.	Perpignan	1008.7	66	ESE	3	o	1011.1	+2	68	NW	3	SW	b	*	-	73	59					
	Sanguinaire	*	77	NE	1	o	*	*	70	N	4	*	bc	2	-	79	61					
	Corunna	1010.7	54	N	1	r	1018.6	+7	54	NE	2	-	o	1	9	61	52					
	Madrid	1005.3	79	WSW	4	c	1013.6	+3	61	SW	1	-	b	*	-	81	52					
	Lisbon	1014.9	66	WNW	4	b	1016.6	+2	61	0	NNW	2	-	o	2	-	72	59				
	Azores	1018.6	*	-	0	c	1019.3	4	61	0	*	*	b	0	-	72	61					
	Madeira	1017.2	66	N	1	o	1019.4	+2	63	N	1	-	bc	1	-	68	63					
	Gibraltar	1013.5	68	NW	4	b	1015.6	*	65	W	4	*	b	4	-	78	63					
	Malta	*	*	*	*	*	1018.3	+2	73	SE	2	-	b	1	-	81	66					
	Limassol	*	*	*	*	*	1009.2	+1	79	W	2	-	b	1	-	84	63					
MEDITERRANEAN.	Alexandria	1010.1	73	NNE	3	b	1011.3	+2	73	NNE	3	N	c	1	-	84	68					
	Cairo (Helwan)	1009.2	86	N	3	b	1009.7	+2	75	N	3	-	b	*	-	93	68					
	Venice	1015.6	68	SSE	1	b	1014.8	0	68	-	0	W	o	4	-	73	63					
	Turin	1012.3	66	-	0	b	1014.9	0	61	+	0	-	o	*	-	72	57					
	Pesaro	1014.6	70	-	0	bc	1015.1	0	70	+	0	W	bc	1	-	81	57					
	Leghorn	1015.3	68	S	2	bc	1015.1	+2	66	0	E	1	W	b	3	?	75	63				
	Rome	1017.3	68	-	0	b	1016.6	0	68	0	0	-	b	*	-	77	57					
	Viesti	1015.7	70	-	0	b	1015.4	0	70	+2	E	1	N	bc	1	-	75	63				
YESTERDAY'S REPORTS	Brindisi	?	68	S	6	b	1015.4	-3	70	+2	-	0	b	1	-	77	61					
	Cagliari	1013.6	77	SE	3	b	1012.0	0	66	0	E	2	E	b	3	-	79	50				
	Palermo	1017.2	63	-	0	b	1016.6	0	72	+	-	0	-	f	1	-	79	42				
Tripoli	1013.2	88	SE	4	c	1013.0	0	73	-	SSE	1	-	b	2	-	75	64					
Algiers	1010.0	72	-	0		1006.4	0	90	+20	SW	8	-	c	6	-	90	70					



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.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

No Warnings issued.

Western Channel and Bay 11

Light to moderate North-Westerly to Northerly breezes; some passing local showers, but generally fair to fine and cool.

Light to moderate Northerly breeze; sea moderate; cloudy to fine, local mist or fog; cool.

FURTHER OUTLOOK.

Millibar

1050

1040

1030

1020

1010

1000

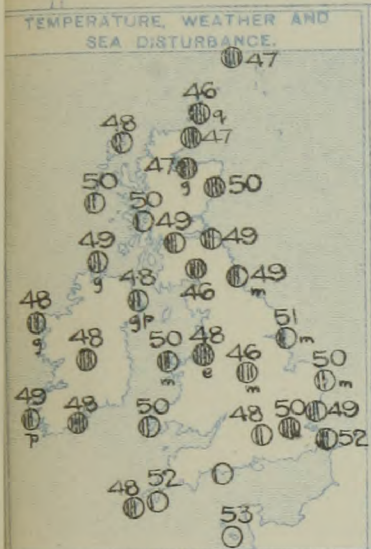
990

980

970

JUNE, 1916.

An Atlantic anticyclone expanding eastward will be accompanied by fairer and drier conditions.



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. Ca'm

TEMPERATURE.—Given in degrees Fahrenheit.

Isotherms shown by dotted lines

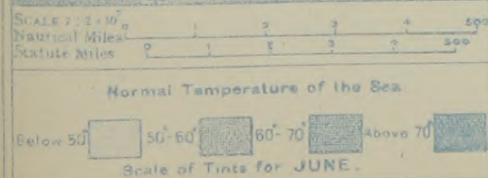
WEATHER.—Shown by the following symbols:—

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

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

☄, thunderstorm.

SEA DISTURBANCE.—Rough High



REPORTS FROM RUSSIA FOR YESTERDAY.

Archangel
Gorki ...	...	...	...	...	...	1016.4	✓	59	0	SW	1	*	o	*	2	*	52	...
Veliki Luki ...	...	...	...	...	...	1016.2	*	59	+2	SE	2	*	c	*	8	*	54	...
Hangö ...	...	...	...	...	...	1009.6	+3	48	+5	SSW	3	*	c	*	1	*	43	...
Riga ...	...	...	...	...	...	1013.6	+2	59	+2	—	0	*	b	*	1	*	50	...
Petrograd ...	1004.6	57	WNW	3	o	1012.6	+1	57	-9	SE	3	S	b	*	8	77	50	...	
Moscow ...	1016.0	64	SW	3	b	1020.8	+1	59	-5	S	1	*	c	*	—	*	55	...	
Kiev ...	1016.3	64	SSW	2	b	1017.6	+2	63	+8	WSW	1	*	o	*	—	*	57	...	
Kharkov ...	1016.8	64	—	0	o	1017.9	+1	63	+9	—	0	*	c	*	2	*	55	...	
Kishinev ...	1017.7	66	S	3	b	1018.4	+1	63	+4	S	2	*	b	*	7	*	57	...	
Elisabetgrad ...	1017.2	63	—	0	b	1018.4	+2	63	+4	—	0	*	b	*	—	*	52	...	
Nicolaiev ...	1016.3	66	—	0	b	1017.9	*	63	+6	NNW	2	*	b	*	—	*	55	...	
Odessa ...	1017.2	66	WNW	2	c	1018.3	+1	66	+3	WNW	2	*	b	*	—	*	61	...	
Tarkhankout ...	1016.7	64	N	1	b	1017.2	?	66	+2	NNE	2	*	c	*	—	*	63	...	
Soukhom ...	1015.8	66	SSE	2	o	1015.7	+2	66	-6	SSE	1	*	o	*	—	*	63	...	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17 h.

STATIONS.	Sun- shine for 7 h.	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 7 h.	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	° F.	° F.						Mm.	Mm.	° F.	° F.			
Scotland.									England, E.								
Oban ...	0.7	2	—	56	44	bc	bc	5.3	Lowestoft ...	5.4	—	—	63	44	c	c	7.9
Banff ...	0.6	3	0.3	51	46	opr bc	bc	0.6	Felixstowe ...	6.4	3	—	58	42	bc	bc.0	4.9
Carnoustie ...	0.1	*	*	56	48	x bcp	cp	1.8	Walton-on-Naze ...	8.6	2	—	58	42	bc	bc.6	6.4
St. Andrews ...	1.8	*	*	54	43	c	cp	2.0	Southend-on-Sea ...	7.7	—	—	65	42	bc.0	bc.0.0	7.2
England, N.E.									England, S.E.								
Harrogate ...	2.7	—	—	52	42	c. bc. c	c.0	1.9	Margate ...	9.9	1	—	60	42	b. bc. c	c. bc. c	6.5
Skegness ...	2.8	—	—	60	45	o. bc	bc. b	7.4	Ramsgate ...	12.6	0.3	—	57	39	b. bc	bc.0	9.6
England, N.W.									Hastings ...	10.5	*	*	57	41	or bc. b	b. bc	9.6
Morecambe ...	0.5	—	—	53	46	—	—	2.0	Eastbourne ...	11.6	0.4	0.2	57	43	b	b. bc	10.0
Blackpool ...	—	—	—	—	—	—	—	—	Seaford ...	9.1	*	*	59	41	b	bc	8.4
Southport ...	2.6	—	—	54	47	o. c. bc	bc.0	2.1	Brighton ...	—	—	—	58	43	c	c.0. c	10.9
Midlands.									Worthing ...	11.6	—	—	59	38	bc	bc	11.6
Buxton ...	—	*	*	52	42	bc	bc	2.5	Littlehampton ...	11.0	—	—	58	40	b	bc	11.5
Leamington Spa ...	10.2	1	—	60	42	bc	bc.0	8.7	Bognor ...	—	—	—	—	—	—	—	—
Malvern ...	11.8	—	1	58	43	bc	bc. c	4.0	Bournemouth ...	7.5	*	*	60	40	bc	bc	9.0
Ross-on-Wye ...	10.2	—	4	61	43	b. bc	bc.0.6	1.9	Weymouth ...	6.0	*	*	62	42	bc	bc	10.0
Wales.									Torquay ...	8.1	—	1	59	42	bc. c	c.0. p	5.7
Rhyl ...	2.8	1	—	54	46	c. bc	b	6.7	Paignton ...	—	—	—	—	—	—	—	—
Colwyn Bay ...	3.0	*	*	55	45	bc	bc	6.6	Penzance ...	13.1	—	—	60	40	bc	bc. b	7.2
Llandudno ...	3.1	*	*	54	46	—	—	6.5	Newquay ...	4.3	10	4	55	40	x. bc. b	b	7.2
Aberystwyth ...	7.5	*	*	52	47	c. b	bc. c	12.0	Bude ...	10.5	—	—	56	45	o. bc	b	7.3
Tenby ...	13.0	3	2	58	41	—	—	4.3	Ilfracombe ...	9.5	*	*	56	46	b	b	10.2
									Weston-s-Mare ...	11.8	6	—	60	45	bc. b	bc. bc	10.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 1639 Joules.	Average Rate. 27.7 Milliwatts.	Max. Rate. 97 Milliwatts.		
	15 h. Yester- day.	9 h. To- day.		In Screen.			Min. on Grass.	Fore- noon.	After- noon.	Night.						
				Max.	Min.											
24 HOURS ENDED 9 h. TO-DAY										Hours of Observation G.M.T.						
% 58	% 66	Hr.	F. 65	F. 42	F. 31	mm. § 1	bc	bc, cp	bc	Morning.	Evening.	Morning.	Evening.			
Greenwich (Royal Obs.) ...	*	*	5.2	*	*	*	*	*	*							
City (Bunhill Row) ...	47	73	5.5	62	45	40	1	bc, u	ue	ae, bc, o	British Isles ...	7	18	Corunna ...	7	16
Westminster (St. James's Pk.)	54	61	5.8	66	46	43	1	bc	cp, o	-	France ...	7	18	Madrid ...	8	16
Camden Sq. (Brit. Rainfall)	*	61	6.1	60	43	39	-	bc	c	bc	Norway ...	7	18	Lisbon ...	7	21
Hampstead (Reservoir) ...	*	63	5.7	62	47	39	Trace	bc, c	c, ou	au, o	Denmark ...	6	18	Azores ...	8	17
S. Kensington (Museum Grounds)	*	*		*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21
Richmond Park	*	*		*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—
Kew. (See front page.)	*	*	6.0	*	*	*	*	*	*	*	Egypt ...	6	18	Limassol ...	6	—
(Greenwich and Camden Square air temperatures are in glass screens.)																

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

	9 th June 1916.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	3.33	12.52	8.12
Greenwich ...	3.46	12.59	8.13
Wick ...	3.9	12.11	8.13
Valencia ...	4.24	12.40	8.57

NOTES ON YESTERDAY'S WEATHER.

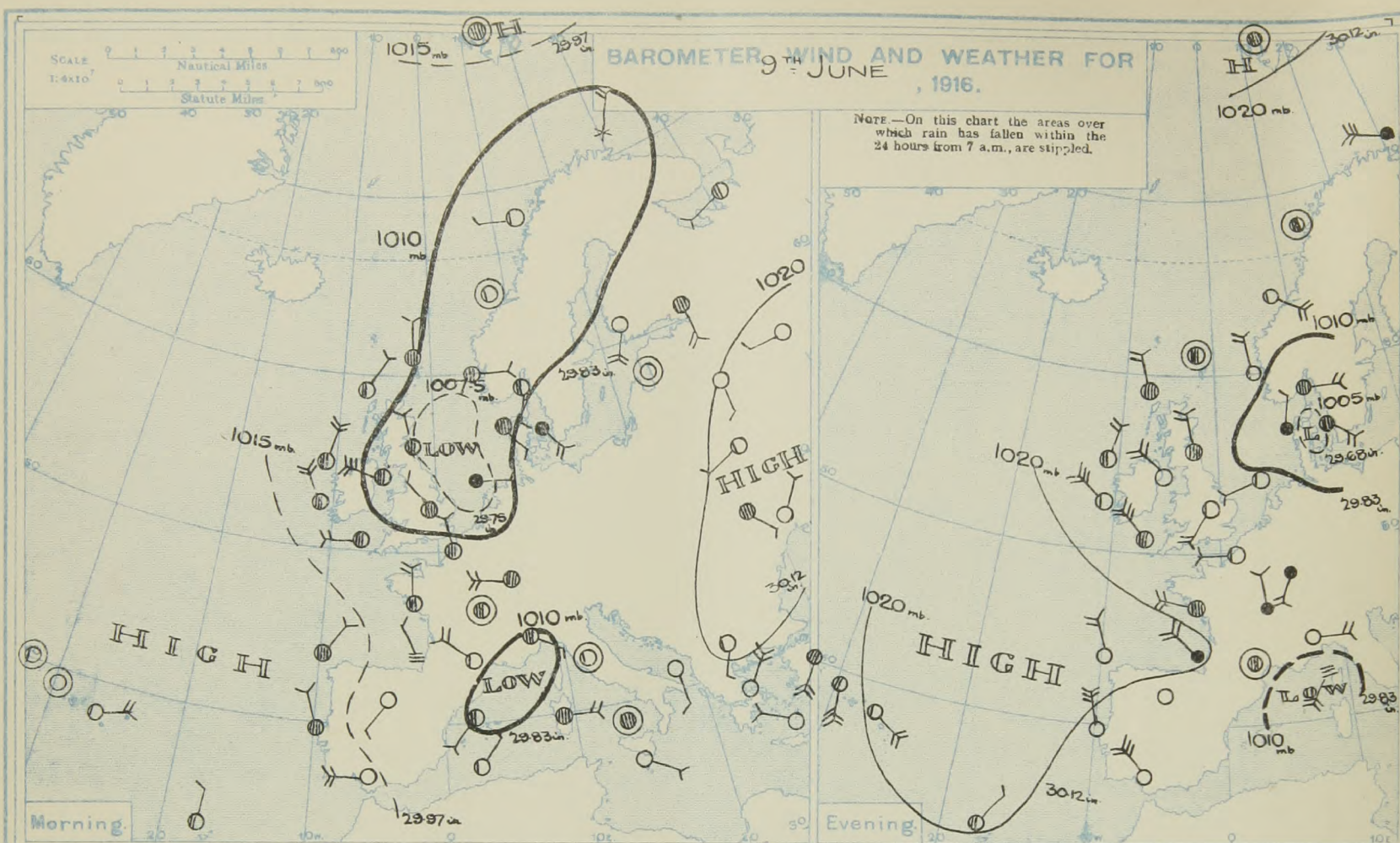
Temperature was again much below the normal.
showers of rain or hail fell in many places, and a
thunderstorm occurred at Yarmouth. Sunshine was
very variable, ranging up to more than 14 hours at
Scilly.

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, very threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

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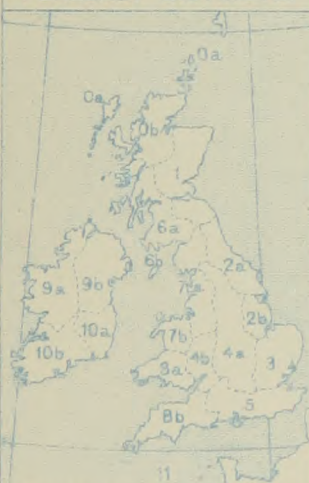
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 162. Saturday, 10th June.

STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS					Sun- shine for Yester- day.	
	Barom. Milli- bars at M.S.L.	WIND.			Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
		TEMP.	Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.																						
Lerwick	1012.5	51	-	0	c	1015.8	+1	49	+2	NNW	2	N	bc	2	-	54	43	bc.c	c	bc		
Deerness (Orkney)	1012.8	49	N	4	o	1015.9	*	47	+1	ENE	3	-	c	?	1	53	46	a.c	c.o	op.c	4.5	
Stornoway	1015.7	50	N	3	o	1019.4	+2	48	0	NNW	4	-	c	3	-	54	42	bc.c	c.o	o.bc	3.3	
Castlebay (Barra Isd.)	1015.8	53	NW	4	c	1021.2	+2	48	-2	NW	3	NW	bc	3	2	55	45	bc	bc	c.op.bc	13.5	
Glasgow	1012.5	54	NE	1	c	1018.4	+4	49	0	W	1	N	c	*	1	59	45	c.op	cp	ctb.cp	5.6	
Esksdalemuir	1012.6	50	NE	3	c	1018.3	+3	44	-2	-	0	-	o	*	1	54	35	o.c.c	bc.c.p.c	oph.bc	3.9	
Malin Head	1014.8	51	N	4	bc	1020.4	+3	49	0	N	4	N	cq	4	0.2	53	47	bc	bc	cq.p	10.6	
Blacksod Point	1017.6	50	NNE	3	bc	1022.5	+3	49	+1	NW	1	-	bc	2	-	52	43	cq	bc	bc	*	
Valencia	1018.9	53	NW	5	b	1024.7	+3	52	+3	W	3	W	o	2	-	55	47	c.bc	bc.c.b	bc.c.o	6.6	
Roche's Point	1017.2	54	NW	3	c	1024.3	*	50	+2	NNW	1	N	bc	1	2	58	45	c.phg	cp	c.b	*	
Birr Castle	1015.5	56	NW	1	c	1023.5	*	49	+1	NNW	1	-	b	*	1	58	43	cp	cp	c.b	7.4	
Donaghadee	1013.6	54	N	1	bc	1019.5	+3	49	+1	WNW	3	NW	cm	3	-	55	47	bcw	bcz	bcw.cm	*	
Liverpool (Bidston)	1012.4	55	WNW	2	c	1018.5	+3	51	+3	W	3	W	og	2	-	56	47	o.c	b	bc.o	7.0	
Holyhead	1013.6	54	NW	4	bg	1020.1	+3	50	0	NW	6	N	bc	5	-	58	49	c.o.bc	bc.bz	ac.bc	9.7	
Pembroke (St. Ann's)	1015.1	52	WNW	3	b	1022.4	+2	51	+1	NW	2	NW	bc	2	-	54	51	bc	b	bc	10.0	
Scilly (St. Mary's)	1016.8	53	NW	5	cgv	1023.2	+2	52	+4	NW	5	NW	o	4	-	57	47	cq.p	cq.p	bc.o	7.7	
Falmouth	1016.1	53	NW	3	cp	1022.1	+4	53	+1	NW	5	-	bc	*	1	58	46	hclr.c	bc.b.p.c	bc.c	8.2	
Jersey (St. Aubin)	1015.6	56	W	3	b	1020.8	*	54	+1	WNW	3	W	b	2	1	58	47	b	b	b.op.b	13.9	
Portland Bill	1013.1	53	W	4	bc	1019.3	+3	53	?	WNW	2	-	b	2	-	56	49	bc	bc	bc.c	*	
Dungeness	1012.2	55	SW	5	bc	1017.7	+3	49	-	NW	2	-	r	2	2	59	44	cltr	o.c.bc	bc.c.or	*	
Dover	1012.4	53	SW	2	b	1017.9	?	50	-2	NW	3	NW	og	3	4	58	44	c.bc.c	cltr.b	b.d.cq	7.2	
Wick	1013.2	49	N	3	o	1016.1	+2	48	+1	NNW	3	-	o	3	2	50	45	om.og	omp	c.omp	*	
Nairn	1013.8	49	NE	2	o	1017.5	*	45	-2	W	2	-	ou	2	7	53	43	cp.bc	bc.cp	r.opu	1.3	
Aberdeen	1012.1	48	NNW	4	o	1016.5	+3	47	-3	NW	3	-	od	2	2	50	45	op	op	o.bc.od	0.7	
Leith	1012.7	53	NE	1	o	1017.7	+2	50	+1	W	1	NW	c	2	0.3	53	46	c.op.c	cp.o	o.cbc.c	*	
Tynemouth	1011.5	49	N	3	og	1016.8	+3	50	+1	NNW	2	N	em	3	-	52	46	bcomp	og	em	*	
Spurn Head	1011.5	52	NE	2	c	1016.1	+1	50	-1	N	4	-	cq	4	4	56	45	bcomp	or.c	bc	4.7	
Yarmouth	1011.0	51	-	0	bc	1017.3	+4	51	+1	N	2	-	bc	2	4	60	45	bc.c	bapt.h	or.bc	5.5	
Clacton-on-Sea	1010.8	57	SSW	5	r	1017.5	+4	49	0	WNW	2	NW	c	1	2	62	45	c.bc	curlr	cr.ban	7.0	
Nottingham	1011.9	50	NW	1	o	1017.0	*	51	+5	WNW	2	NW	cm	*	3	58	43	op.c	cp.o	om	0.5	
Benson (Oxon.)	1012.2	55	SW	2	c	1019.2	+3	48	0	WNW	2	-	o	*	1	61	43	bc	cp	cp.bc	*	
Sth Farnborough	1011.9	55	WNW	2	bc	1018.6	+5	49	-1	WNW	2	-	oz	*	0.1	64	44	c.bc	c.bc	bop.b.o	8.4	
London (Kew Obsy.)	1012.4	55	WSW	3	b	1018.8	+3	50	0	WNW	1	-	om	*	0.1	61	47	o.bc.c	c.bcup.b	b.bchom	6.7	
NORTHERN EUROPE.																						
Spitsbergen	1021.7	36	-	0	o	1023.1	+1	34	-5	S	6	*	S	*	*	41	30	UPPER AIR				
Vardö	1011.5	34	NW	5	r	1020.9	+5	39	+3	NW	4	-	r	6	*	39	34	South Farnborough.				
Bodö	1013.1	50	-	0	c	1018.0	+1	52	0	N	2	-	b	2	-	52	45	Pilot Balloon Ascent at 6.33.				
Christiansund	1013.3	54	SE	4	b	1013.1	0	50	-2	ENE	8	-	b	3	-	57	45	Wind at —				
Skudesnaes	1010.1	54	NNW	3	b	1008.7	+1	52	+4	N	3	-	o	2	-	55	48	2,400 metres NNW 9 m.p.s.				
Copenhagen	1015.1	56	SE	3	o	1013.3	+6	52	-2	WNW	3	-	c	*	6	57	48	2,100 " NNW 7 "				
The Scaw (Skagen)	1007.7	50	E	3	o	1006.9	+5	50	0	W	5	W	c	5	11	57	48	1,800 " NWbyN 6 "				
Blaavands Huk	1007.9	48	NNE	1	r	1012.6	+2	52	-2	W	3	-	c	2	15	54	46	1,500 " NW 6 "				
The Helder	1010.9	55	WSW	2	b	1014.4	+1	54	+4	W	2	-	o	1	4	57	50	1,200 " NWbyN 5 "				
C. Gris Nez	1012.7	54	WSW	6	b	1017.1	+3	52	0	WNW	3	*	bc	2	-	59	50	900 " NW 7 "				
La Hève	1015.1	54	NW	3	c	1018.9	*	52	+2	WNW	3	*	bc	3	-	59	50	600 " NWbyN 7 "				
Brest (St. Mathien)	1017.3	56	W	4	bc	1023.7	+4	56	+2	NW	4	*	b	2	-	59	46	300 " NWbyN 7 "				
Roche fort (Ile d'Aix)	1017.5	56	WNW	4	o	1023.1	+3	55	+1	NNW	4	*	c	*	Trace	63	52	Surface NW 2				
Biarritz	1021.1	55	NW	4	r	1025.1	+2	56	0	WSW	4	*	bc	3	-	59	52					
Paris	1014.0	57	W	2	bc	1019.8	+2	50	-2	SW	1	-	c	*	1	64	46					
Belfort	1015.7	54	SW	3	r	1021.9	*	45	-12	WSW	3	*	r	*	26	61	54					
Lyons	1013.5	59	N	2	r	1022.7	*	48	-14	-	0	*	r	*	15	72	47					
Nice	1010.6	70	E	3	c	1010.9	0	64	-4	-	0	*	b	3	-	81	57					
Perpignan	1010.4	73	-	0	c	1022.4	+5	59	-9	NNW	5	NW	b	*	2	84	52					
Sanguinaire	*	68	SW	4	f	*	*	68	-2	W	2	*	f	3	-	77	63					
Corunna	1023.5	59	NNW	3	b	1029.3	+5	55	+1	NE	3	-	b	1	-	61	48					
Madrid																						
Lisbon	1020.2	66	NNW	5	b	1023.3	+3	57	-4	NNW	4	-	o	2	-	70	55					
Azores	1019.8	*	SSE	5	bc	1019.0	0	66	+5	SSE	4	*	bc	3	-	72	64					
Madeira	1020.4	66	NE	1	bc	1023.1	0	61	-2	NE	2	-	b	2	-	68	61					
Gibraltar	1018.3	66	NW	5	b	1018.6	*	65	0	NW	3	*	b	1	-	79	62					
Malta	*	*	*	*	*	1019.1	+3	75	+2	NE	1	-	b	0	-	79	68					
Limassol	*	*	*	*	*	1009.1	+1	82	+3	W	1	-	b	1	-	91	63					
Alexandria	1011.8	72	NNE	3	b	1012.6	+2	75	+2	NNE	2	-	b	1	-	79	70					
Cairo (Helwan)	1009.2	84	NE	3	b	1011.5	+2	75	0	N	2	-	b	*	-	95	66					
YESTERDAY'S REPORTS		8 th 20 h. G.M.T.					9 th 7 h. G.M.T.															
Venice																						
Turin	1016.0	63	NNE	1	o	1014.2	*	64	+3	-	0	-	o	*	-	66	61					
Pesaro	1014.8	72	-	0	o	1014.0	*	72	+2	-	0	-	o	1	-	79	33					
Leghorn	1014.2	73	-	0	b	1012.3	*	72	+6	E	1	SW	b	3	-	81	66					
Rome	1016.1	70	-	0	b	1014.4	*	73	+5	-	0	-	b	*	-	82	61					
Viesti	1016.7	72	SE	1	b	1016.0	*	72	+2	SE	2	-	b	3	-	79	64					
Brindisi	1017.3	68	SW	1	b	1017.7	*	72	+2	S	1	-	b	2	-	75	59					
Cagliari	10																					



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.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

No Warnings issued.

Western Channel and Bay

Moderate to light North-Westerly to Northerly breezes; fair generally, some local passing showers; cool.

Moderate North-Westerly to North-Easterly breeze; sea moderate; fair to fine, local mist or fog; cool.

FURTHER OUTLOOK.

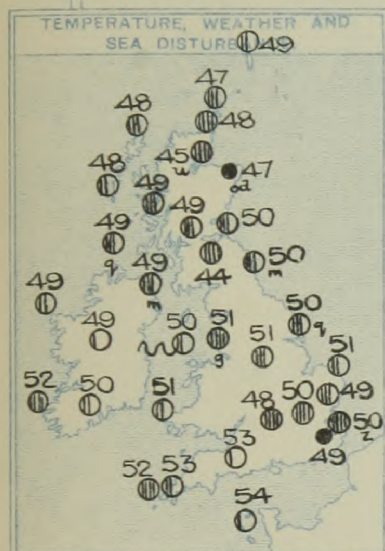
R.G. K. LEMPERT, Superintendent, Forecast Division.

NAPIER SHAW, Director

SYNOPTIC CHART FOR THE MORNING OF SATURDAY, 10TH JUNE, 1916.

GENERAL INFERENCE.

An anticyclonic Northerly type of conditions will be general.



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

Scale 1:100,000 Nautical Miles Statute Miles

Normal Temperature of the Sea.

Below 50 50-60 60-70 Above 70

Scale of Tints for JUNE.

Below 50 50-60 60-70 Above 70

Scale of Tints for JUNE.

Below 50 50-60 60-70 Above 70

Scale of Tints for JUNE.

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Scale of Tints for JUNE.

Below 50 50-60 60-70 Above 70

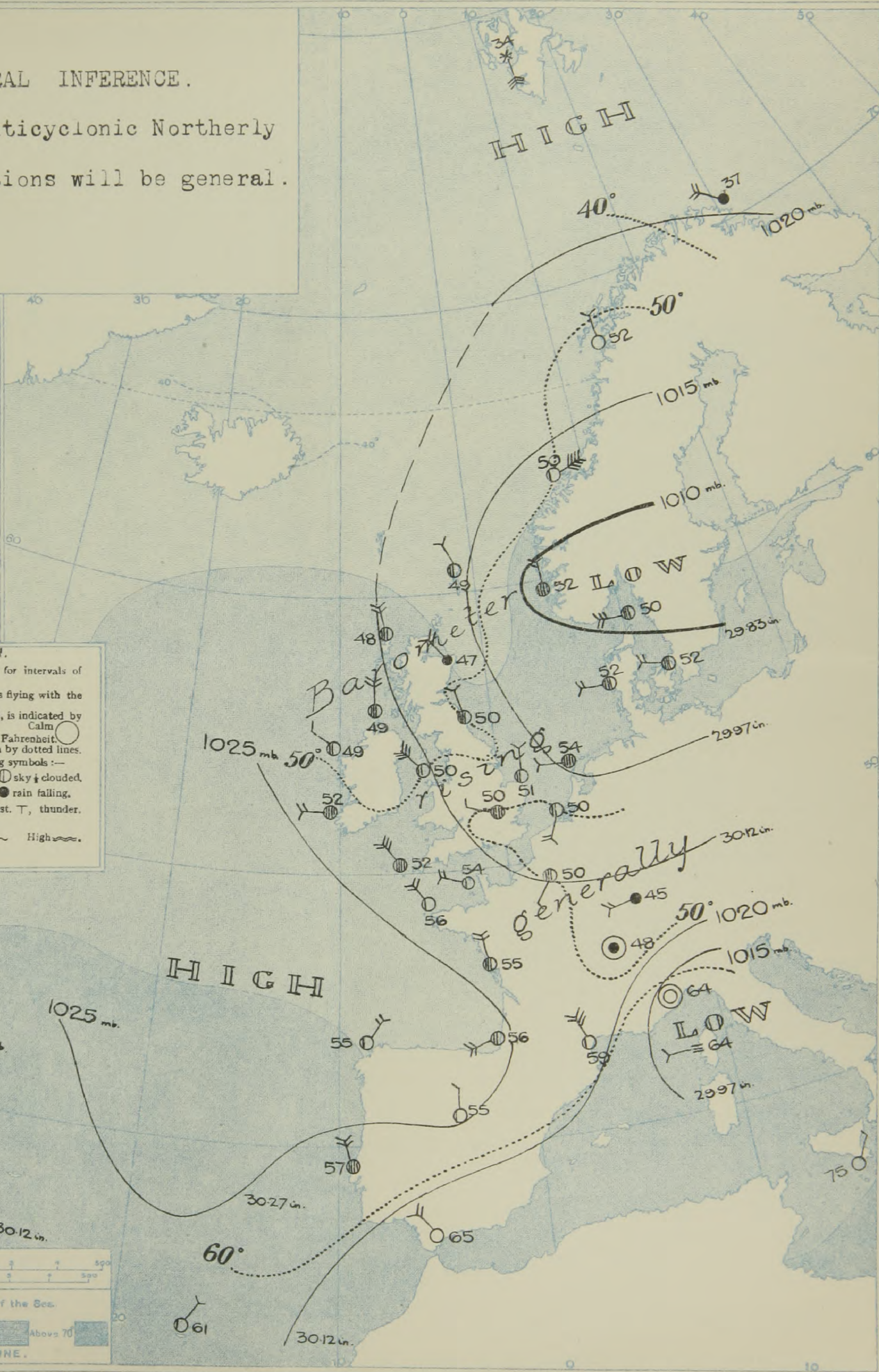
Scale of Tints for JUNE.

Below 50 50-60 60-70 Above 70

Scale of Tints for JUNE.

Below 50 50-60 60-70 Above 70

Scale of Tints for JUNE.



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	AT 9 P.M. LOCAL TIME					AT 7 A.M. LOCAL TIME									
	Barom. Milli- bars at M.S.L.	TEMP. F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.				
Archangel ...						1013.0	+2	55		WSW	2	*	bc	-	*
Gorki ...						?	0	64	+5	S	1	*	b	-	*
Veliki Luki ...						1018.3	*	66	+7	SE	3	*	b	-	*
Hangö ...	1011.5	52	ESE	2	r	1011.8	+4	46	+2	SSW	4	*	b	-	*
Riga ...	1012.6	57	-	0	r	1016.7	+4	63	+4	-	0	*	b	-	*
Petrograd ...	1015.3	59	-	0	b	1013.6	0	61	+4	S	3	-	0	-	70
Moscow ...						1021.5	+1	66	+7	W	1	*	b	-	*
Kiev ...	1018.6	66	SSW	2	b	1020.3	0	66	+3	WSW	1	*	b	-	14
Kharkov ...	1019.3	64	-	0	c	1020.2	+1	66	+3	-	0	*	b	-	*
Kishinev ...	1019.4	68	SE	2	b	1020.8	+1	66	+3	SE	1	*	0	-	*
Elisabetgrad ...	1019.4	64	-	0	b	1020.7	+1	64	+1	-	0	*	b	-	*
Nicolaiev ...	1020.0	70	-	0	b	1020.4	*	64	+1	NE	2	*	b	-	55
Odessa ...	1019.4	72	WSW	2	b	1020.6	+2	70	+4	N	2	*	b	-	64
Tarkhankout ...	1019.3	66	-	0	0	1019.9	?	70	+4	-	0	*	b	-	61
Soukhoun ...	1015.9	68	-	0	c	1017.5	?	68	+2	-	0	*	c	-	?

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 3 ^h .	Rainfall		TEMPERATURE		WEATHER		Sun- shine to 17 h.	STATIONS.	Sun- shine for 3 ^h .	Rainfall		TEMPERATURE		WEATHER		Sun- shine to 17 h.
		Night, 17h on- gh-17h.	Day, gh-17h.	Max.	Min.	Forenoon.	Afternoon.				Night, 17h on- gh-17h.	Day, gh-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	F.	F.						Mm.	Mm.	F.	F.			
Scotland.									England, E.								
Oban ...	5.8	1	1	61	45	b	bc	7.9	Lowestoft ...	8.4	-	23	61	44	c	cop	2.4
Banff ...	0.9	6	-	50	45	0	0	0.0	Felixstowe ...	5.1	-	2	61	42	or	bc	4.7
Carnoustie ...	1.8	*	*	54	48	0	0	2.3	Walton-on-Naze ...				61	43	bc	bc	5.0
St. Andrews ...	0.0	*	*	52	46	0	0	0.1	Southend-on-Sea ...	8.0	-	-	61	43	bc	bc	5.0
Eng. N.E.									England, S.E.								
Harrogate ...	1.9	0.4	3	58	44	0	0	1.4	Margate ...	6.5	-	-	58	44	c	bc	5.2
Skegness ...	9.4	-	1	57	40	0	0	6.7	Ramsgate ...	9.8	-	1	57	41	bc	bc	5.5
Eng. N.W.									Hastings ...	9.6	*	*	60	44	bc	bc	9.9
Morecambe ...	2.1	6	4	58	46	-	-	7.0	Eastbourne ...	11.0	-	-	59	45	bc	bc	10.0
Blackpool ...									Seaford ...	9.6	-	-	60	44	b	b	10.2
Southport ...	1.8	5	-	57	47	0	0	5.3	Brighton ...	12.9	-	-	60	47	bc	bc	9.8
Midlands.									Worthing ...	12.0	-	-	61	43	bc	bc	11.5
Buxton ...	2.5	*	*	52	41	bc	bc	1.0	Littlehampton ...	14.0	-	-	65	42	b	b	11.4
Leamington Spa ...	8.8	1	2	58	43	0	0	5.0	Bognor ...		*	*	59	47	bc	bc	10.7
Malvern ...	4.5	2	5	56	43	bc	bc	5.0	Bournemouth ...	9.0	*	*	61	43	b	bc	9.0
Ross-on-Wye ...	2.2	-	8	60	46	bc	0	3.2	Weymouth ...	10.0	*	*	62	44	bc	bc	9.7
Wales.									Torquay ...	5.7	2	3	57	42	bc	bc	3.5
Rhyl ...	7.9	1	-	56	47	0	0	6.7	Paignton ...								
Colwyn Bay ...	6.6	*	*	57	46	c	bc	7.0	Penzance ...	9.9	-	-	58	45	bc	bc	6.8
Llandudno ...	8.5	-	-	55	47	c	bc	7.7	Newquay ...	9.8	2	1	55	44	0	bc	6.0
Aberystwyth ...	12.0	*	*	54	44	0	0	6.5	Bude ...	9.8	2	1	57	44	0	bc	9.4
Tenby ...	15.5	0.5	2	62	?	-	-	5.4	Ilfracombe ...	10.2	*	*	65	44	bc	bc	8.3
									Weston-s-Mare ...	10.5	3	0.1	58	40	bc	bc	8.5

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total.	Average Rate.	Max. Rate.	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	1730 Joules.	30.4 Milliwatts.	98 Milliwatts.			
				Max.	Min.											
														24 HOURS ENDED 9 h. To-Day		
%	%	Hr.	F.	F.	F.	mm.										
Greenwich (Royal Obsy.) ...	54	78	6.5	66	46	35	0.3	c	c	c						
City (Bunhill Row) ...	*	*	6.8	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	60	80	7.1	64	47	43	-	bc	bc	bc oe.						
Camden Sq. (Brit. Rainfall)	55	69	8.1	66	49	46	1	bc b	b c	*						
Hampstead (Reservoir) ...	*	81	8.2	61	44	40	1	b c p t l	bc	bc						
S. Kensington (Museum Grounds)	*	72	7.9	64	48	44	0.4	c, bc	bc c p	b c c o						
Richmond Park	*	*	7.3	*	*	*	*	*	*	*						
Kew. (See front page.)	*	*		*	*	*	*	*	*	*						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																
Hours of Observation G.M.T.																
	Morning.		Evening.				Morning.		Evening.							
	h.		h.		h.		h.		h.		h.		h.		h.	
British Isles ...	7		18		Corunna ...		7		16							
France ...	7		18		Madrid ...		8		16							
Norway ...	7		18		Lisbon ...		7		21							
Denmark ...	6		18		Azores ...		8		17							
Holland ...	6		17		Madeira ...		7		21							
Italy ...	7		20		Malta ...		8		—							
Egypt ...	6		18		Limassol ...		6		—							

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

10 th June, 1916.	Sunrise.	Noon.	Sunset.
Yarmouth ...	3.32	11.52	8.12
Greenwich ...	3.45	11.59	8.13
Wick ...	3.9	12.0	8.13
Valencia ...	4.23	12.40	8.57

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 60° in most localities. Showers of rain or hail occurred in many districts, thunderstorms in places, a violent hail storm at Dublin. Sunshine ranged from none at Banff to 14 hours at Jersey.

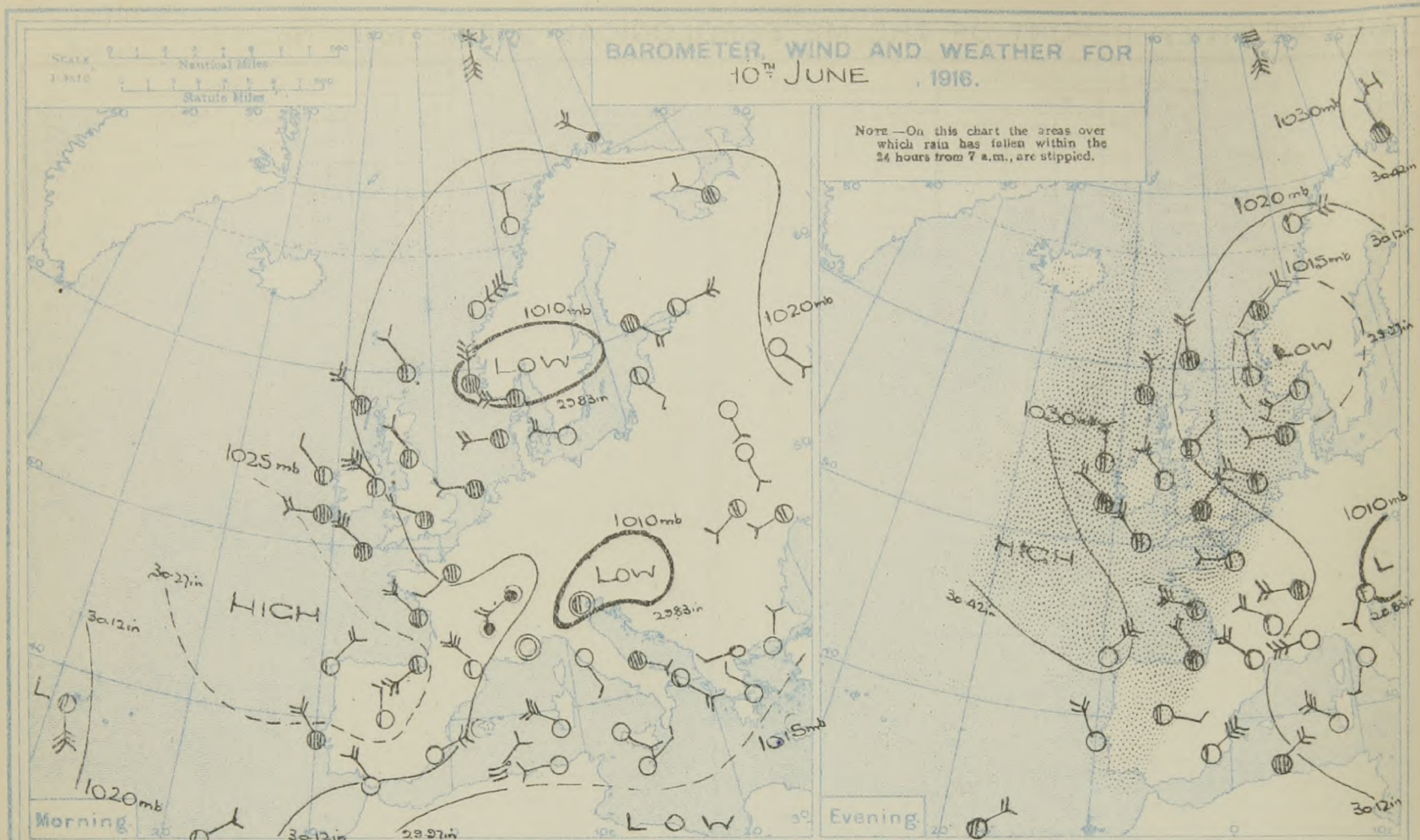
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain;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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 163.

Sunday
11th June

DATE.	STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS.						Seq- uence for Yester- day.
		Barom. Milli- bars at M. S. L.	WIND.		Weather.	Barometer. Milli- bars at M. S. L.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9	Rain- fall. Milli- metres.	TEMP.		WEATHER.							
			Temp.	Direc.			Force 0-12.	F.						F.	Direc.	Force 0-12.	Max.	Min.	Morning.	Afternoon.	Night.		
			F.				Change in 24 hours.	F.	F.						F.	F.				Hours.			
BRITISH ISLANDS.	Lerwick	10195	51	N	H	0	10228	0	46	-3	N	4	-	om	4	03	54	43	bc c	c bc o	om	*	
	Deerness (Orkney)	10206	49	NNW	4	0	10230	*	48	+1	N	6	NE	bc	4	-	55	46	c	c o	acta	66	
	Stornoway	10247	50	N	3	0	10277	+2	50	+2	NNE	4	-	b	4	-	53	45	ap c	c o	ac b	08	
	Castlebary (Barraisd.)	10253	52	NW	3	0	10287	+2	50	+2	NNW	3	N	bc	3	0.4	53	46	bc op	op c o	oc bc	78	
	Glasgow	10208	52	E	2	0	10246	+2	48	-1	NW	2	NE	c	*	2	60	45	cp	cp o	op c	55	
	Eskdalemuir	10212	47	NW	3	0	10237	+2	47	+3	N	3	-	bc	*	2	58	41	oc cz	op o r	ora bc	21	
	Malin Head	10242	51	N	H	bc g	10258	+2	50	+1	N	3	N	b	2	-	52	46	bc	bc g	bc	119	
	Blacksod Point	10267	53	N	3	bc	10286	+2	50	+1	N	3	N	bc	2	2	54	46	bc	bc	cp bc p	*	
	Valencia	10277	53	NW	3	0	10281	+1	52	0	N	2	N	o	*	0.4	56	47	op c op	c bc o	o	24	
	Roche's Point	10262	55	NW	3	0	10274	*	50	0	NNW	2	-	q	2	1	57	48	bc o	op o	o c o	*	
	Birr Castle	10244	56	NW	1	c	10271	*	49	0	NW	1	NW	c	*	0.2	58	47	c	c	cp c	58	
	Donaghadee	10228	50	N	H	bc m	10248	+2	49	0	NNW	4	N	eg m	3	-	53	47	bc	bc m	og m m	*	
	Liverpool (Bldston)	10226	53	W	3	b	10228	0	49	-2	WNW	1	W	r	1	2	56	47	oc b	b	cp o	98	
	Holyhead	10236	55	NW	3	bz	10241	0	50	0	NNW	6	-	og	5	Trace	57	49	bc	bc bz	op p a	40	
	Pembroke (St. Ann's)	10247	52	WNW	4	c	10253	+1	50	-1	N	4	N	c	3	-	56	48	bc b	bc c	c	100	
	Scilly (St. Mary's)	10271	56	NW	H	bc	10267	-1	52	0	NW	3	NW	o	4	0.1	59	51	c bc b	bc	cp o	104	
	Falmouth	10265	56	NW	H	b	10249	0	52	-1	NNW	3	-	o	*	1	59	49	bc	bc b	b bc op	133	
	Jersey (St. Aubin)	10244	58	WNW	3	b	10246	*	54	0	WNW	H	W	c	3	-	60	49	b bc	bc b	oc b	138	
	Portland Bill	10226	57	NW	H	bc	10237	0	52	-1	NW	1	NW	o	2	Trace	58	50	bc p	bc	bc c	*	
	Dungeness	10210	49	NW	2	c	10212	0	49	0	NW	3	-	o	3	13	58	45	c ll r	c o r	p bc o	*	
	Dover	10217	51	SW	3	c	10210	+2	48	3	NW	4	-	b	3	5	61	46	oc bc	c ll r	cp bc b	52	
	Wick	10208	49	NNW	3	0	10236	+1	47	-1	NNW	4	N	o	3	-	53	43	om	om	om g bc	*	
	Nairn	10216	50	N	3	oc	10254	*	47	+2	NNE	3	-	og u	3	18	51	44	d r	r c p	cp g	00	
	Aberdeen	10204	53	N	3	bc	10227	+2	47	0	NNW	H	-	o	3	5	55	46	oc	op bc	bc op	18	
Leith	10203	53	NE	1	r	10233	+1	49	-1	NW	1	-	o	3	7	59	41	c op c	c o r	ro p o	*		
Tynemouth	10198	53	NE	1	bc m	10216	+1	49	-1	NNW	2	-	o	3	-	54	46	bc	bc m p	o	*		
Spurn Head	10211	50	WNW	H	c	10214	0	48	-2	N	4	-	cp	3	2	55	46	bc op	op c	c	47		
Yarmouth	10203	55	N	3	bc	10209	+1	48	-3	NW	1	-	bc m	1	3	60	43	bc	bc	bc om r	100		
Clacton-on-Sea	10206	52	NW	2	0	10208	0	48	-1	WNW	2	-	o	1	1	61	44	c bc c	c op l	op d o	42		
Nottingham	10212	49	W	2	r	10222	*	49	-2	NE	1	NE	c	*	5	56	42	c ll r	o l p	ro	12		
Benson (Oxon.)	10220	50	NNW	2	o ll r	10226	+1	49	+1	NNW	2	-	bc	*	5	59	37	ll r	p h	ll r b o	*		
Sth Farnborough	10212	55	NW	3	0	10224	+1	49	0	NW	3	-	c	*	4	61	40	op ll r	o ll r	o ll r b o	52		
London (Kew Obsy.)	10221	51	NNE	3	0	10226	+1	50	0	WNW	1	NW	o	*	9	60	43	o ll r	c ll r	o ll r b o	49		
NORTHERN EUROPE.	Spitsbergen	10224	37	S	6	m	10216	0	36	+2	S	6	-	o	*	37	32						
	Vardö	10306	36	N	2	0	10386	0	37	0	SE	1	-	o	2	*	37	32					
	Bodö	10177	59	E	H	b	10194	0	54	+2	E	H	-	c	2	-	59	48					
	Christiansund	10139	50	NE	H	0	10168	+1	50	0	-	0	-	c	3	4	54	48					
	Skudesnaes	10130	52	N	2	bc	10137	0	54	+2	E	1	-	b	1	-	54	46					
	Copenhagen	10158	57	WSW	2	0	10115	-2	50	-2	WNW	3	-	r	*	12	59	48					
FRANCE, &c.	The Scaw (Skagen)	10137	55	WSW	3	b	10135	-1	50	0	-	0	-	o	1	-	57	46					
	Blaavands Huk	10157	55	W	2	c	10144	0	50	-2	NNW	1	-	o	1	-	?	48					
	The Helder	10175	54	WNW	3	bc	10180	0	50	-4	W	2	-	r	1	1	54	50					
	C. Gris Nez	10213	53	W	5	0	10217	+1	50	-2	WNW	4	-	o	3	?	59	48					
	La Hève	10230	55	NW	5	c	10231	*	54	+2	NW	3	-	c	4	-	59	50					
	Brest (St. Mathieu)	10277	55	NW	H	bc	10269	0	54	-2	NN	3	-	o	2	Trace	59	46					
SOUTHERN STATIONS.	Rochefort (Ile d'Aix)	10270	59	WNW	5	bc	10273	0	55	0	NNW	2	-	o	*	63	54						
	Biarritz	10290	61	NW	3	c	10290	0	61	+5	NW	2	-	c	2	-	64	55					
	Paris	10227	53	N	3	ll r	10234	+2	54	+4	SW	1	-	o	*	3	64	46					
	Belfort	10238	48	W	4	c	10256	*	47	+2	WSW	4	-	o	*	7	57	45					
	Lyons	10247	55	NW	2	b	10266	*	51	+3	-	0	-	c	*	1	64	48					
	Nice	10118	70	W	6	b	10191	0	66	+2	WSW	1	-	b	3	-	81	54					
MEDITERRANEAN.	Perpignan	10231	66	NW	4	b	10271	0	61	+2	NW	3	-	b	*	-	75	54					
	Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	-	*	-	-	-	-					
	Corunna	10303	61	NE	5	b	10284	0	59	+4	NE	4	-	b	1	-	61	54					
	Madrid	10216	70	ESE	1	b	10264	+2	57	+2	NE	1	-	b	*	-	70	55					
	Lisbon	10219	70	NNW	H	b	10217	0	64	+7	N	3	-	b	2	-	73	57					
	Azores	10195	*	SW	H	m	10177	+3	66	0	SSW	5	-	o	3	12	72	66					
YESTERDAY'S REPORTS	Madeira	10234	68	NE	3	bc	10238	0	61	0	NE	3	-	bc	2	-	68	61					
	Gibraltar	*	*	*	*	*	10186	+2	73	-2	NW	3	SW	bc	1	-	82	68					
	Malta	*	*	*	*	*	10080	0	60	-2	SW	1	-	b	1	-	97	63					
	Limassol	*	*	*	*	*	10117	0	75	0	NW	3	-	b	2	-	79	70					
	Alexandria	10128	72	NNW	5	b	10107	0	75	0	NNE	2	-	b	*	-	97	68					
	Cairo (Helwan)	10100	86	N	H	b	10107	0	75	0	NNE	2	-	b	*	-	97	68					



FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

South
Coast.
North
Coast.

Signals hoisted this morning.

South
Coast.
North
Coast.

No Warnings
Issued

Western Channel and Bay 11

FURTHER OUTLOOK.

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

Light or moderate Northerly breeze; fair

generally, local passing showers; cool.

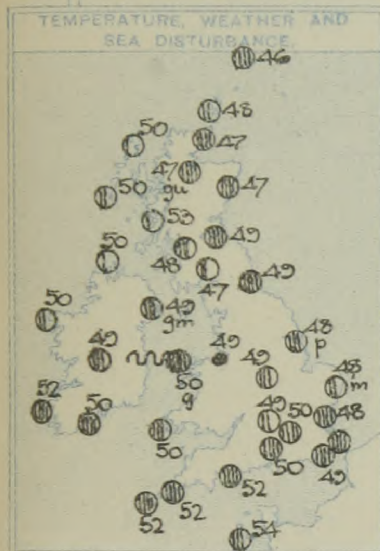
Moderate North-Westerly to North-Easterly breeze; sea moderate; variable sky, local mist or fog; cool.

NAPIER SHAW, Director

SYNOPTIC CHART FOR THE MORNING OF SUNDAY, 11TH JUNE, 1916.

GENERAL INFERENCE.

Under the influence
of the Atlantic anticyclone
the cool Northerly type will
be maintained.



EXPLANATION.

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

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

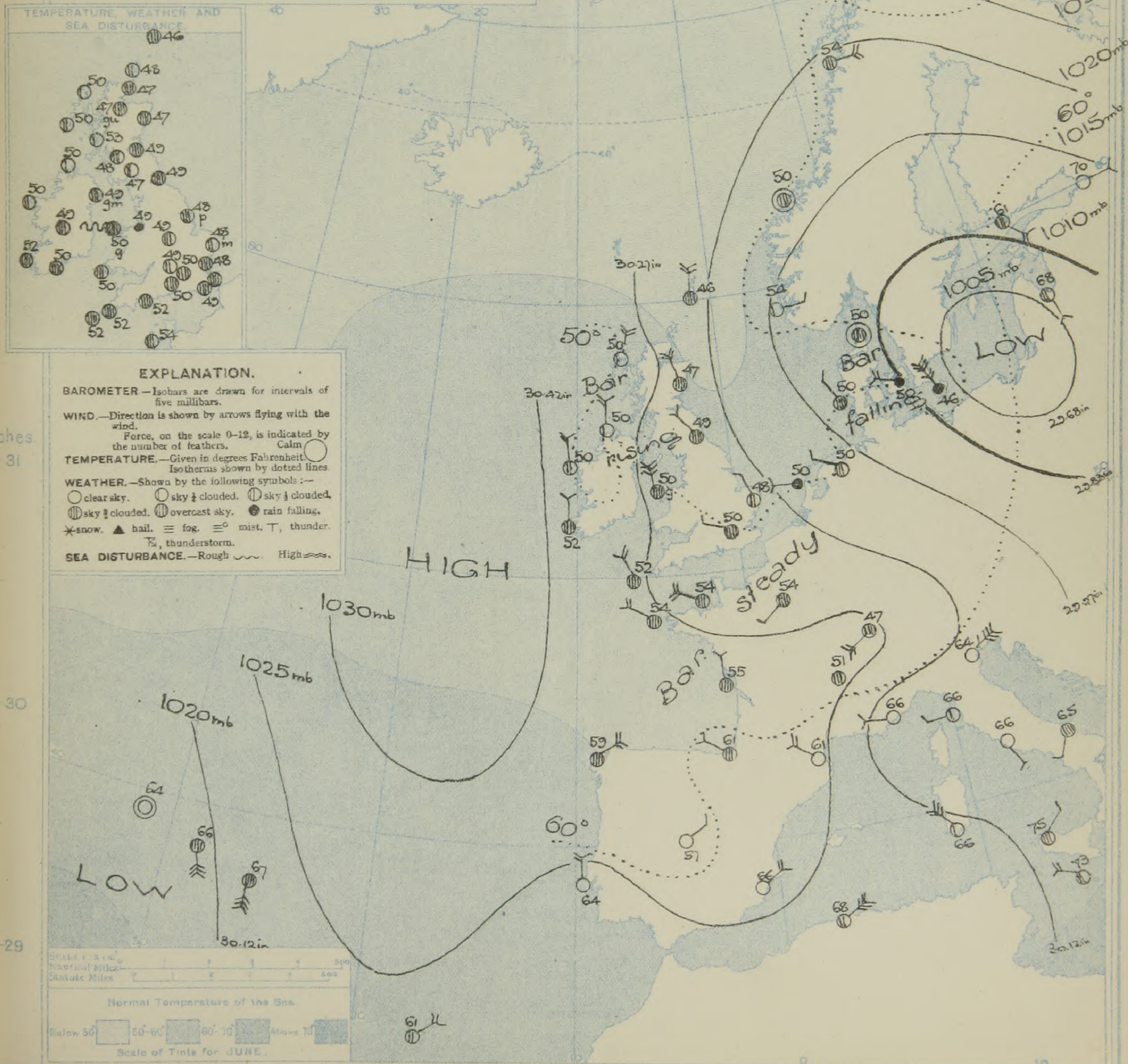
Force, on the scale 0-12, is indicated by the number of feathers. Calm

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

WEATHER.—Shown by the following symbols:—

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

SEA DISTURBANCE.—Rough ~~~~ High ~~~~



REPORTS
FROM RUSSIA
FOR
YESTERDAY.

STATIONS.	9 ^h AT 9 P.M. LOCAL TIME					10 ^h AT 7 A.M. LOCAL TIME.												Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER. Milli- bars at M.S.L.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.	Min.				
			Direc.	Force 0-12.				Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.						Force 0-12.			
Archangel ...	1010.6	57	S	2	o	1016.6	+5	55	o	NW	2	*	c	o	5	*	50			
Gorki ...						1017.0	*	68	+4	-	o	*	b	*	7	*	50			
Veliki Luki ...							*					*			*	*				
Hangö ...	1017.6	50	-	o	o	1013.1	+3	52	+6	ESE	4	*	o	?	-	*	45			
Riga ...	1014.1	66	E	3	o	1012.8	+1	70	+7	SSE	1	*	b	?	-	*	63			
Petrograd ...	1019.8	59	NW	2	b	1019.5	-2	64	+3	E	4	S	b	*	-	66	54			
Moscow ...	1021.3	66	WNW	2	b	1021.7	o	66	o	SSE	2	*	b	*	-	*	57			
Kiev ...	1018.7	68	SE	2	c	1018.4	o	68	+2	S	2	*	b	*	-	*	61			
Kharkov ...	1019.5	68	-	o	b	1018.3	o	68	+2	-	o	*	b	*	-	*	57			
Kishinev ...	1018.7	72	S	3.	b	1019.0	o	70	+4	SW	2	*	bc	*	-	*	63			
Elisabetgrad ...						1018.7	o	68	+4	-	o	*	b	*	-	*	57			
Nicolaiev ...	1018.4	73	-	o	b	1018.4	*	68	+4	-	o	*	b	*	?	*	?			
Odessa ...	1019.4	73	WSW	2	b	1018.9	o	75	+5	W	2	*	bc	?	-	*	61			
Tarkhankout ...						1018.6	?	73	+3	N	1	*	b	?	-	*	64			
Soukhom ...												*			-	*				

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 9 ^h	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 9 ^h	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
Scotland.		Mm.	Mm.	° F.	° F.			Hr.	England, E.		Mm.	Mm.	° F.	° F.			Hr.
{ Oban	9.0	-	-	57	44	bc	bc	5.1	{ Lowestoft	4.7	3	2	60	46	bcm	berfl	5.3
{ Banff	0.1	1	0.1	52	46	or	c. bc. c	1.5	{ Felixstowe	6.7	-	1	58	45	b. bc	bc. chr	4.7
{ Carnoustie	2.3	*	*	58	47	r. bc	o. cp	2.0	{ Walton-on-Naze	5.1	-	14	61	47	bc. c of	chr	4.4
{ St. Andrews									{ Southend-on-Sea								
Eng. N.E.									{ Margate	5.6	1	-	58	46	b. bc. c	c	4.6
{ Harrogate	1.5	5	1	56	40	b. bc. c	p. o. c	4.7	{ Ramsgate	6.1	-	-	57	46	a. bc	a. bc	4.3
{ Skegness	6.7	1	3	56	44	bc. up	op	5.0	{ Hastings	9.9	*	*	60	45	o. bc. b	chr bc	3.3
Eng. N.W.									{ Eastbourne	12.0	-	4	59	48	bc	pt	3.4
{ Morecambe									{ Seaford	12.2	*	*	62	46	bc r	b	3.4
{ Blackpool									{ Brighton								
{ Southport	7.0	-	-	56	47	c	c. b	9.6	{ Worthing	12.9	-	16	62	45	bc	chr c	6.4
									{ Littlehampton	12.5	-	6	63	44	a. bc	bc r	6.0
Midlands.									{ Bognor	10.7	*	*	60	45	bc r	bc chr	4.5
{ Buxton									{ Bournemouth	9.0	-	-	63	45	bc c	bc	9.5
{ Leamington Spa	5.0	1	-	59	42	p. c. b	c. bc. o	3.5									
{ Malvern																	
{ Ross-on-Wye	3.3	-	2	62	39	bc tr	c. bc tr	2.8	England, S.W.								
									{ Weymouth								
Wales.									{ Torquay	5.7	0.1	-	62	45	c. bc	bc. c	9.5
{ Rhyl									{ Paignton	7.1	-	-	63	42	bc	bc	9.1
{ Colwyn Bay									{ Penzance	7.9	-	-	61	50	bc	bc	11.5
{ Llandudno									{ Newquay								
{ Aberystwyth	6.5	-	-	54	49	c. bc	c. o	7.0	{ Bude	11.9	-	-	58	53	b	b	10.3
{ Tenby	7.8	-	-	59	55			7.0	{ Ilfracombe								
									{ Weston-s-Mare								

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	5 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 h. To-Day						
				%	%					
Greenwich (Royal Obs.) ...	60	77	3.2	61	44	45	11	cloud	part	c
City (Bunhill Row) ...	*	*	4.0	*	*	*	*	*	*	*
Westminster (St. James's Pl.)	74	35	3.8	62	43	41	7	other	be at	other
Camden Sq. (Brit. Rainfall)	34	77	4.7	64	43	42	9	other	be at	other
Hampstead (Reservoir) ...	*	74	4.7	61	40	40	3	or	be	be
S. Kensington (Museum Grounds)	*	72	3.5	62	44	40	4	c. other	be. cu	other
Richmond Park ...	*	*	4.5	*	*	*	*	*	*	*
Kew. (See front page.)	*	*	4.9	*	*	*	*	*	*	*
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										

SOUTH KENSINGTON.	Total.	Average Rate.	Max. Rate.
Vertical Component of Solar Radiation per square Centimetre during Yesterday.	1232 Joules.	208 Milliwhatts.	81 Milliwhatts.

Hours of Observation G.M.T.

	Morning.	Evening.		Morning.	Evening.
British Isles ...	h. 7	h. 18	Corunna	h. 7	h. 16
France	7	18	Madrid	8	16
Norway	7	18	Lisbon	7	21
Denmark	6	18	Azores	8	17
Holland	6	17	Madeira	7	21
Italy	7	20	Malta	8	—
Egypt	6	18	Limassol... ..	6	—

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

11 ^h 12 ^h June 1918.		Sunrise.	Noon.	Sunset.
		G. M. T.	G. M. T.	G. M. T.
Yarmouth ...	...	3 32	11 52	8 13
Greenwich ...	...	3 45	11 59	8 13
Wick ...	...	3 8	12 11	8 14
Valencia ...	...	4 23	12 40	8 58

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

[illegible]

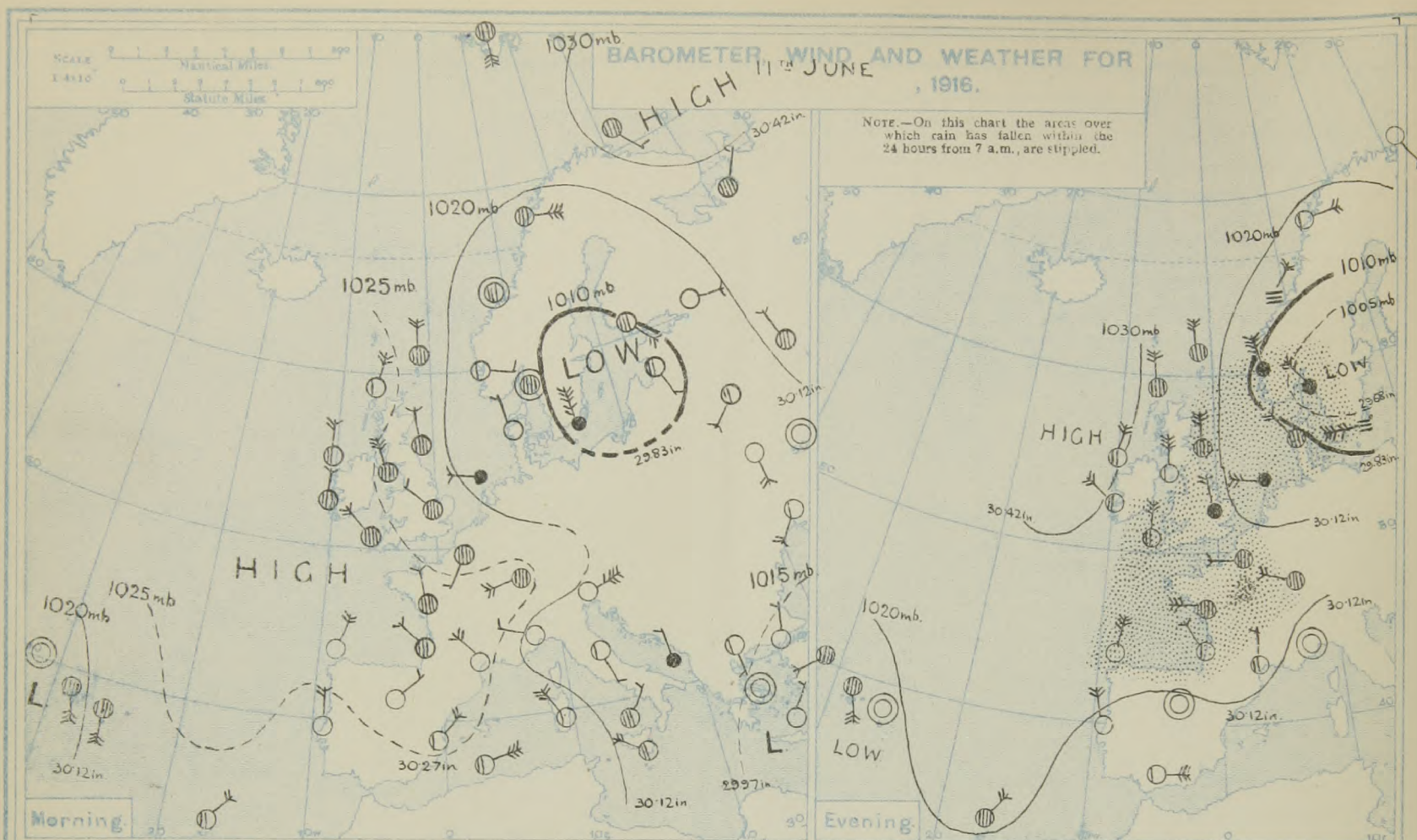
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; v. 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, 1916. No. 164

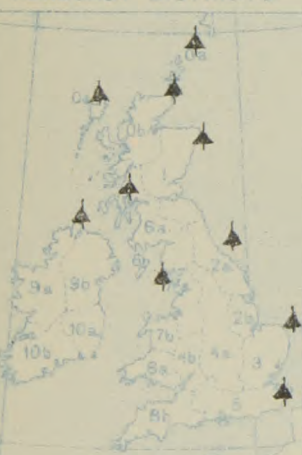
Monday,
12th June

STATIONS	YESTERDAY EVENING					THIS MORNING										FAST 24 HOURS					Sun- shine for Yester- day Hours.																				
	Barom. Milli- bars at M.S.L.	WIND.			Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud	Weather.	Sea 0-9	Rain- fall. Milli- metres.	TEMP.		WEATHER.																							
		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.	Morning.	Afternoon.	Night.																					
																						F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.
Lerwick ...	1023.4	47	N	5	o	1019.0	-2	46	0	NNE	6	NE	c	5	-	49	43	o	o	o.c	*																				
Deerness (Orkney) ...	1023.7	46	NNW	6	o	1018.6	*	45	-3	N	7	N	cg	5	-	51	43	bc.c.o	o	o.cq	1.6																				
Stornoway ...	1023.2	50	N	5	og	1025.3	-1	49	-1	N	6	-	ogc	5	-	52	45	bc.cq	c.q	o.c.cq	6.6																				
Castlebay (Barra Isd.) ...	1023.6	51	NNW	4	c	1026.3	-1	50	0	NW	4	N	c	4	-	54	46	bc	bc	c.b.c.o	12.8																				
Glasgow ...	1023.4	57	NNW	3	c	1019.5	+3	47	-1	N	3	NN	bc	*	-	59	40	o	o.c.o.c	ev.bc.b	3.0																				
Eskdalemuir ...	1022.7	52	N	5	c	1018.1	-3	47	0	NNW	4	-	c	*	-	53	46	bc o	o bc	c. bc	1.1																				
Malin Head ...	1028.4	51	NNW	5	bc	1025.0	-2	49	-1	N	5	N	cg	5	-	53	47	bcq	bcq	cq	13.3																				
Blacksod Point ...	1030.9	53	NNE	4	bcv	1027.9	-2	49	-1	NE	4	NE	cg	3	0.2	56	46	bcv	bcv	bc.cq	*																				
Valencia ...	1029.7	56	NW	4	bcv	1027.8	0	51	-1	N	3	N	cg	3	-	59	50	o.c.bcv	bcv	bc.c.o	10.3																				
Roche's Point ...	1027.8	60	N	3	c	1027.8	*	50	0	NW	3	N	c	2	0.3	61	47	c	c	cp	*																				
Birr Castle ...	1027.9	58	N	3	c	1025.4	*	50	+1	N	3	-	c	*	-	61	46	c	c	c	9.2																				
Donaghadee ...	1025.5	53	N	5	bcw	1021.5	-1	48	-1	N	6	N	bcq	6	-	54	46	bcw	bcw	bcqm	*																				
Liverpool (Bidston) ...	1022.9	51	WNW	3	o	1018.3	-2	49	0	NW	4	N	bc	3	1	57	46	or.c.b	bc	bc	5.9																				
Holyhead ...	1025.2	54	N	6	bm	1020.2	-1	49	-1	N	6	N	bcq	6	-	57	48	c.bc.c.c	c.c.c.bc	b.bc.c.c	6.5																				
Pembroke (St. Ann's) ...	1025.4	54	N	4	c	1023.0	-2	49	-1	NNW	5	N	cg	3	-	56	46	bc	c	cq	?																				
Scilly (St. Mary's) ...	1026.6	55	N	5	bc	1024.2	-2	53	+1	N	4	N	c	4	1	57	50	o.cq	bc	c	7.3																				
Falmouth ...	1024.6	54	N	4	bc	1022.1	-2	52	0	NNW	4	-	c	*	Trace	58	49	cg.bc	bc by	bc	7.9																				
Jersey (St. Aubin) ...	1022.1	57	N	3	c	1019.8	*	54	0	NW	3	NW	bc	2	Trace	60	49	c.c.c	c.bc	c.bc	5.3																				
Portland Bill ...	1021.7	55	W	3	bc	1018.7	-2	53	+1	NW	4	NW	bc	3	-	60	49	bc	bc	bc.cq	*																				
Dungeness ...	1019.9	54	ESE	1	c	1016.4	-1	47	-2	NW	4	-	cp	3	7	57	45	cltr h	bc ltr	bc.bcp	*																				
Dover ...	1016.0	-2	45	-12	NW	3	NW	5	N	S	2	1	61	43	*	*	*	*	*	6.4																					
Wick ...	1024.5	47	NNW	5	o	1018.7	-3	46	-1	NNW	5	N	o	5	-	50	44	bc.cq	og	ogq	*																				
Nairn ...	1026.3	47	N	5	o	1021.6	*	48	+1	N	3	-	cgw	4	-	52	45	cg	c.bc.cq	u.c	0.3																				
Aberdeen ...	1022.9	48	NNW	5	o	1017.0	-2	47	0	NNW	6	-	o	4	0.2	50	44	odp	o	cq	0.2																				
Leith ...	1023.2	53	NNW	3	o	1018.5	-2	48	-1	NNW	3	N	bc	4	-	54	40	o	o.c.o	o.c.bc	*																				
Tynemouth ...	1021.8	47	N	5	og	1015.6	-2	45	-4	NNW	5	-	ogm	6	1	50	45	omq.p	ogp	ogm	*																				
Spurn Head ...	1020.2	48	N	7	cg/p	1013.5	-2	46	-2	NNW	7	-	ogp	6	9	52	42	cg/p	cg/p	ogp	0.0																				
Yarmouth ...	1019.2	50	N	5	c	1013.1	-2	45	-3	NW	3	-	omr	2	10	56	44	bc.c	c	c.ogm	4.5																				
Clacton-on-Sea ...	1019.8	53	NW	3	c	1015.0	-3	46	-2	NW	3	NW	r	2	1	60	44	o.c	cp	cp.cpd	4.3																				
Nottingham ...	1021.8	49	N	2	o	1016.6	*	47	-2	NW	2	NW	om	*	1	56	45	c.o	cp	cp	1.4																				
Benson (Oxon.) ...	1021.3	50	NE	1	bc	1017.2	-2	45	-4	NNE	2	-	r	*	7	60	44	bc	br	or	*																				
St. Farnborough ...	1020.9	50	N	1	r	1015.5	-3	46	-3	WSW	1	-	or	*	6	61	45	cp.o	cltr h	or.c.orm	7.2																				
London (Kew Obs.) ...	1021.4	50	NNW	3	or	1017.3	-2	46	-4	WSW	1	-	orm	*	6	59	45	op.c	cltr h	or.c.orm	3.9																				
SPITSBERGEN																		UPPER AIR																							
Vardö ...	1027.1	37	SE	2	b	1015.7	-3	45	+8	S	3	-	o	4	*	45	32	South Farnborough.																							
Bodö ...	1019.5	57	E	4	b	1013.9	-3	55	+1	E	1	-	c	1	-	57	48	Pilot Balloon Ascent at																							
Christiansund ...	1018.6	50	NNE	4	o	?	0	48	-2	?	2	-	o	3	-	54	45																								
Skudesnaes ...	1008.0	50	NW	7	r	1000.6	-2	54	0	N	6	-	c	2	2	59	50																								
Copenhagen ...	1008.0	50	WNW	5	o	1009.3	+1	52	0	WSW	5	-	c	*	8	52	48																								
The Scaw (Skagen) ...	1003.7	50	NW	5	r	1004.7	+4	50	0	S	4	-	o	4	39	52	48																								
Blaavands Huk ...	1011.0	52	NW	3	o	1002.9	-3	50	0	SW	3	-	r	3	Trace	52	48																								
THE HELDER																		GALES.																							
C. Gris Nez ...	1015.3	50	W	5	r	1007.4	-3	50	0	W	6	-	r	3	7	55	48	Duration and Extreme Force																							
La Hève ...	1019.3	50	WSW	2	r	1016.0	-1	46	-4	NNW	5	*	r	5	15	61	46	in British Islands																							
Brest (St. Mathieu) ...	1022.1	57	NW	2	c	1018.1	*	50	+4	N	4	*	o	2	-	61	46																								
Roche fort (Ile d'Aix) ...	1024.3	54	N	4	c	1022.7	-1	55	+1	NNW	5	*	bc	4	4	55	46	12 th Gh. Sust. NNW 23 miles																							
Biarritz ...	1023.0	57	W	5	o	1020.2	+2	50	-5	N	4	*	c	*	7	64	50	p. Second																							
Paris ...	1025.7	64	NW	2	b	1020.8	0	55	-6	NW	3	*	r	2	4	66	54																								
Belfort ...	1020.7	52	W	2	o	1017.2	0	50	-4	NW	1	-	o	*	2	61	43																								
Lyons ...	1025.3	46	WNW	3	o	1018.6	*	50	+3	-	0	*	o	*	12	51	43																								
Nice ...	1023.7	54	NNW	1	c	1017.6	*	48	-3	SSE	2	*	c	*	1	65	46																								
Perpignan ...	1017.0	64	-	0	b	1015.5	0	61	-5	-	0	*	b	2	-	43	57																								
Sanguinaire ...	1022.6	68	N	1	bc	1019.5	+1	63	+2	N	1	-	o	*	-	43	55																								
Southern Stations																																									
Corunna ...	1028.2	61	NNE	5	b	1024.7	0	57	-2	NE	5	-	b	3	?	63	55																								
Madrid ...	1019.4	73	-	0	b	1018.4	0	61	+4	-	0	-	b	*	-	45	54																								
Lisbon ...	1019.3	79	NNW	4	b	1016.8	0	68	+4	N	2	-	b	2	-	82	63																								
Azores ...	1018.7	*	SSE	5	o	1019.5	+3	59	-7	WNW	4	*	b	2	8	68	59																								
Madeira ...	1022.0	66	NE	3	o	1020.2	0	61	0	NNE	3	-	b	3	-	68	61																								
Gibraltar ...	1020.6	66	E	6	b	1017.6	*	66	-	E	5	*	b	3	Trace	69	63																								
Malta ...	*	*	*	*	*	1017.3	+2	73	0	E	1	-	b	1	-	79	68																								
Limassol ...	*	*	*	*	*	1007.4	0	91	+11	WSW	2	-	b	1	-	97	64																								
Alexandria ...	1018.1	73	NNW	4	b	1009.2	0	77	+2	-	0	-	b	0	-	81	70																								
Cairo (Helwan) ...	1007.8	88	NNE	3	b	1007.7	0	75	0	NW	3	-	b	*	-	97	68																								
YESTERDAY'S REPORTS	10 th 20 h. G.M.T.					11 th 7 h. G.M.T.																																			
Venice ...	1010.0	35	SW	2	b	1017.7	*	64	-8	ENE	7	-	b	4	Trace	61	59																								
Turin ...	1013.4	64	W	6	b	1018.2	*	68	-2	-	0	-	b	*	-	75	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 Cone.	South Cone.
North Cone.	North Cone.

WARNINGS ISSUED AT 8hr

Western Channel and Bay 11

FURTHER OUTLOOK.

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

NAPIER SHAW, Director

Squally Northerly wind, increasing, strong to

gale; dull to rainy; cold.

Squally, fresh to strong Northerly wind; cloudy to dull, some rain; cold.

Same as Nos. 0 to 7.

Same as No. 8.

Squally, fresh to strong Northerly wind; sea rough; cloudy to dull, some rain; cold.

Millibars

1050

1040

1030

1020

1010

1000

990

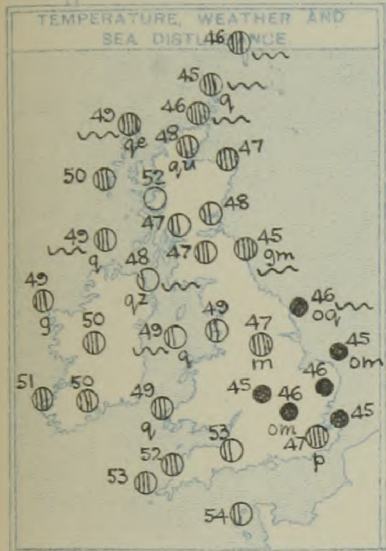
980

970

SYNOPTIC CHART FOR THE MORNING OF MONDAY, 12TH JUNE, 1916.

GENERAL INFERENCE.

The North sea depression will occasion windy, unsettled conditions generally.



EXPLANATION.

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

HIGH

LOW

Barometer

Barometer

1025mb

1020mb

1015mb

1010mb

1005mb

50°

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REPORTS FROM RUSSIA FOR YESTERDAY.	STATIONS.	10 ^h AT 9 P.M. LOCAL TIME					11 ^h AT 7 A.M. LOCAL TIME.												Rain-fall.		TEMP.	
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. or Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Max.	Min.				
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.										
		F.					+	F.	F.													
	Archangel ...	1023.5	50	W	2	bc	1027.9	+5	43	-12	—	0	*	o	—	—	*	41				
	Gorki ...	1014.9	68	SE	3	bc	1014.1	?	70	+2	SW	2	*	bc	—	—	*	? 64				
	Veliki Luki ...	...	...	...	...	...	...	*	...	...	...	...	*	...	...	...	...	...
	Hangö ...	1014.6	52	—	0	bc	1011.0	-4	61	+9	ESE	3	*	c	—	—	*	46				
	Riga ...	1012.2	52	NNW	1	c	1005.9	-4	68	-2	SSW	1	*	bc	—	2	*	61				
	Petrograd ...	1015.4	63	ESE	2	o	1014.7	0	70	+6	E	2	S	b	—	4	81	59				
	Moscow ...	1019.8	73	SSE	2	b	1020.3	-1	68	+2	?NNW	2	*	c	—	—	*	66				
	Kiev ...	1015.0	68	WNW	2	o	1013.1	0	68	0	SSE	3	*	b	—	—	*	68				
	Kharkov ...	1017.1	68	E	2	b	1015.4	0	66	-2	—	0	*	b	—	—	*	54				
	Kishinev ...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...
	Elisabetgrad ...	1015.9	70	—	0	c	1014.9	0	68	0	—	0	*	b	—	—	*	57				
	Nicolaiev ...	1015.5	75	W	3	b	1015.4	0	70	+2	—	0	*	b	—	—	*	63				
	Odessa ...	1016.4	75	WSW	3	b	1015.4	0	75	0	SW	3	*	b	0	—	*	68				
	Tarkhankout ...	1017.6	68	—	0	b	1016.4	?	72	-1	—	0	*	b	—	—	*	63				
	Soukhom ...	1017.5	66	—	0	o	1016.2	+2	66	—	—	0	*	o	—	—	*	64				

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine to 10 ^h	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine to 10 ^h	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	°F.	°F.						Mm.	Mm.	°F.	°F.			
Scotland.									England, E.								
Oban ...	5.1	—	—	59	42	bc	bc	8.3	Lowestoft ...	—	—	—	—	—	—	—	—
Banff ...	1.5	—	—	50	46	o	op d	0.0	Felixstowe ...	5.3	7	1	57	42	om. bc	bc p	1.8
Carnoustie ...	2.0	—	—	54	48	o	o. c	1.0	Walton-on-Naze ...	—	—	1	57	43	om. bc	bc. bc	4.0
St. Andrews ...	—	—	—	—	—	—	—	—	Southend-on-Sea ...	4.4	—	0.3	60	45	bc. c. o	bc. c. o	5.3
England, N.E.									England, S.E.								
Harrogate ...	4.8	—	1	53	42	c. op	op	1.4	Margate ...	—	—	—	56	45	b. bc	c	7.4
Skegness ...	—	2	3	55	47	op	op	4.5	Ramsgate ...	4.7	1	—	60	45	o. bc. b	op c. o	4.2
England, N.W.									Hastings ...	3.3	—	—	61	46	o	o	8.4
Morecambe ...	—	—	—	—	—	—	—	—	Eastbourne ...	3.8	2	—	—	—	—	—	—
Blackpool ...	—	—	—	—	—	—	—	—	Seaford ...	—	—	—	—	—	—	—	—
Southport ...	10.0	0.3	—	56	49	c. b	c. o	6.0	Brighton ...	—	4	5	63	45	bc. c	c. o. d. o	8.4
Midlands.									Worthing ...	6.4	2	1	61	44	bc	c. ltr. c	8.2
Buxton ...	—	—	—	52	43	bc p	bc p	1.5	Littlehampton ...	—	—	—	—	—	—	—	—
Leamington Spa ...	3.6	—	5	57	40	o. bc	b. t. or	1.0	Bognor ...	—	—	—	62	46	c	c. bc	5.0
Malvern ...	—	—	—	—	—	—	—	—	Bournemouth ...	9.5	—	—	—	—	—	—	—
Ross-on-Wye ...	—	—	—	—	—	—	—	—	England, S.W.								
Wales.									Weymouth ...	—	—	—	55	52	bc b	b	4.0
Rhyl ...	4.1	2	—	57	47	b. bc	c. bc	4.2	Torquay ...	—	—	—	58	51	bc	bc	5.0
Colwyn Bay ...	—	—	—	57	48	c. bc	bc. o	3.8	Paignton ...	—	—	—	—	—	—	—	—
Llandudno ...	6.5	—	—	56	48	c	bc. c	4.3	Penzance ...	—	—	—	—	—	—	—	—
Aberystwyth ...	7.0	—	—	55	45	o. c	c. o	1.0	Newquay ...	—	0.2	—	—	—	—	—	—
Tenby ...	—	—	—	—	—	—	—	—	Bude ...	12.6	—	—	—	—	—	—	—
									Ilfracombe ...	—	—	—	—	—	—	—	—
									Weston-s-Mare ...	—	—	—	—	—	—	—	—

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 1233 Joules.	Average Rate. 206 Milliwatts.	Max. Rate. 89 Milliwatts.		
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	Hours of Observation G.M.T.						
				Max.	Min.												
24 HOURS ENDED 9 h. TO-DAY																	
Greenwich (Royal Obs.) ...	% 60	% 84	Hr. 3.6	F. 60	F. 44	F. 43	mm. 5	0	o. d. ltr.	o. d. p.		Morning.	Evening.		Morning.	Evening.	
City (Bunhill Row) ...	*	*		*	*	*	*	*	*	*		h.	h.		h.	h.	
Westminster (St. James's Pk.)	75	93	4.0	61	45	45	4	bc up	u	htr. ad	British Isles ...	7	18	Corunna ...	7	16	
Camden Sq. (Brit. Rainfall)	~	84	3.5	63	46	45	3	-	-	-	France ...	7	18	Madrid ...	8	16	
Hampstead (Reservoir) ...	*	92	4.1	49	41	37	3	c	or	or	Norway ...	7	18	Lisbon ...	7	21	
S. Kensington (Museum Grounds)	*	82	3.8	54	45	44	6	o. p. c.	c. o. ltr.	o. p. or	Denmark ...	6	18	Azores ...	8	17	
Richmond Park ...	*	*	3.1	*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21	
Kew. (See front page.)	*	*		*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—	
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																	

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

June 12 th 1916.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.32	11.52	8.13
Greenwich ...	3.45	11.59	8.14
Wick ...	3.8	12.12	8.15
Valencia ...	4.23	12.41	8.59

NOTES ON YESTERDAY'S WEATHER.

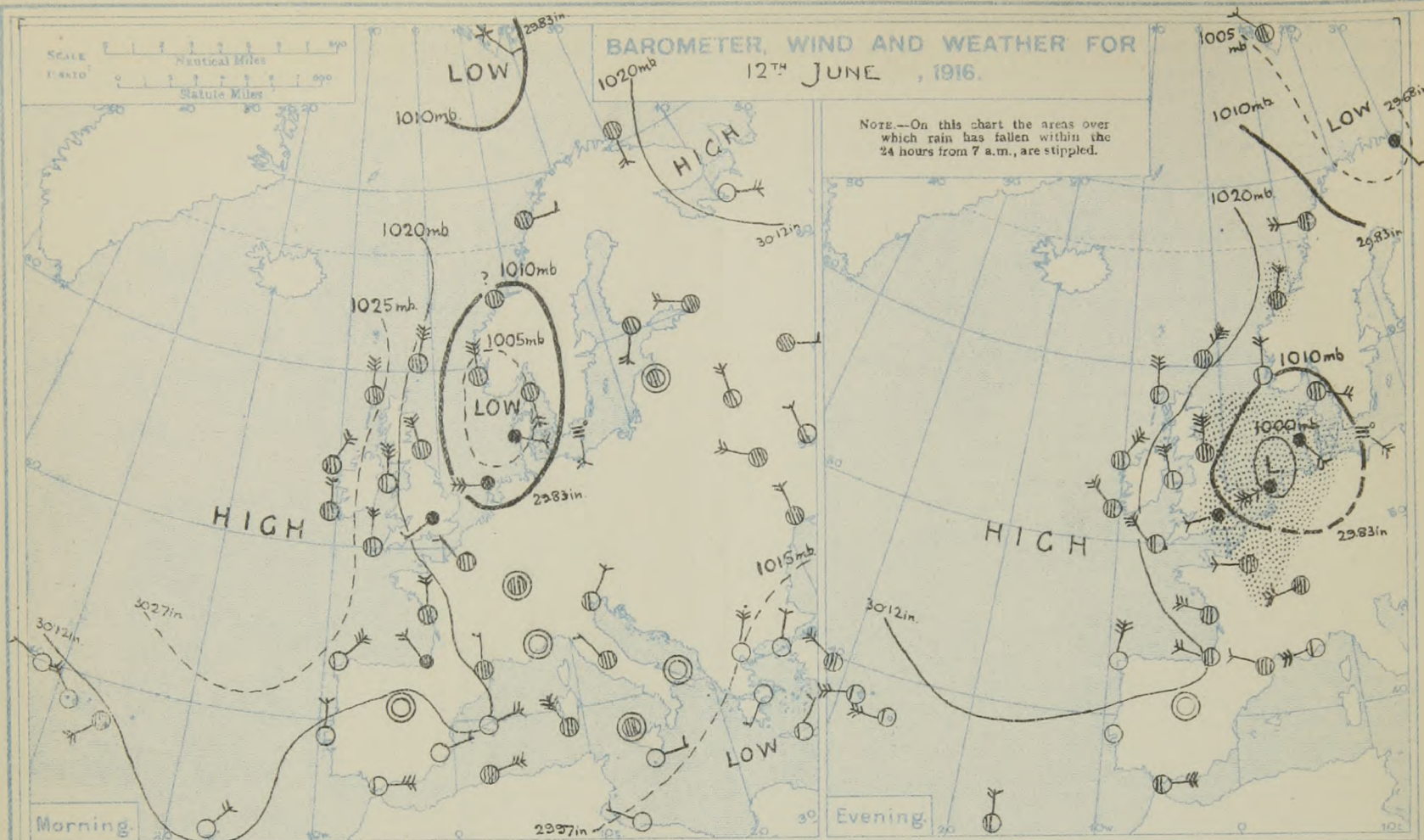
Temperature continued low. Rain fell in most parts of England, with thunderstorms in the south-east. Sunshine varied greatly, none locally to 13.3 hours at Malin Head.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air without rain falling; f. fog; g. gloom; h. hail; 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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 165. (Tuesday, 13th June.)

STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS.					Sea- 0-9	Rain- fall. Milli- metres.	Temp. Max.	Temp. Min.	WEATHER.			Sun- shine for Yester- day. Hours.
	Barom. Milli- bars at M.S.L.	WIND.			Weather.	Barom. Milli- bars at M.S.L.	TEMP.		WIND.		Direc. of Upper Cloud	Weather.	Temp. F.	Temp. F.	Morning	Afternoon	Night.											
		Temp.	Direc.	Force 0-12.			Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.																		
BRITISH ISLANDS.	Lerwick	1020.7	47	NNE	7	Og	1022.1	0	46	0	NE	6	NE	c	5	-	49	43	c.o	og	o.cq	*						
	Deerness (Orkney)	1019.3	47	N	7	c	1021.7	*	45	0	N	6	-	og	5	-	50	44	c.og	a.cq	c.og	4.1						
	Stornoway	1024.4	51	N	6	bcq	1023.1	0	46	-3	NNE	6	-	og	5	-	54	44	c.og	cq	c.og	6.5						
	Castlebay (Barra Isd.)	1024.0	53	NNW	5	c	1024.1	0	47	-3	NNE	5	NW	cq	5	-	54	44	c.o	o.c	c.bcq	4.0						
	Glasgow	1017.3	56	NNW	5	bc	1019.7	+2	47	0	NNE	3	-	c	*	-	66	44	bc.b	b.bcq	bc.co	12.4						
	Eskdalemuir	1014.5	53	NNE	6	cq	1017.5	+1	43	-4	NNE	6	-	o	*	-	61	41	c.b.c	b.cq	cayod	12.6						
	Malin Head	1020.8	52	N	7	bcq	1020.9	+1	48	-1	NNE	5	N	bcq	6	-	53	46	bq	bcq	bcq	3.1						
	Blackod Point	1024.3	50	NE	5	cp	1021.0	-1	48	-1	NE	6	NE	bc	4	-	54	46	cq	cq	om.bc	*						
	Valencia	1023.3	55	NW	4	c	1020.1	0	50	-1	NNE	3	NE	c	*	-	58	50	c.bc	bc	c.a.c	6.3						
	Roche's Point	1021.4	58	NNW	4	c	1019.6	*	50	0	N	2	NE	b	2	-	61	49	c.bc	bc.c	c.b	*						
	Birr Castle	1020.5	57	N	3	c	1020.1	*	48	-2	N	2	N	c	*	-	61	41	c	c	c	3.7						
	Donaghadee	1016.4	54	N	7	bqz	1018.9	+2	48	0	NNE	4	NE	c	3	-	54	47	bcq	bqz	bqz.cq	*						
	Liverpool (Bidston)	1012.3	56	WNW	5	bc	1015.0	+1	51	+2	NNW	4	N	bc	3	-	58	47	bc	bc	bc	6.1						
	Holyhead	1015.2	53	NNW	5	bcu	1016.2	41	50	+1	NE	5	-	bcu	5	-	56	48	bcu	bcu	bcu	10.8						
	Pembroke (St. Ann's)	1017.8	55	NNW	4	bc	1015.6	0	49	0	NNE	4	NE	bc	3	-	56	48	bcq	bcq	bc	5.0						
	Scilly (St. Mary's)	1020.7	56	NW	5	bc	1015.5	0	53	0	NNE	4	N	c	4	-	57	50	c.og	c.bc	c.a.c	6.9						
	Falmouth	1018.0	54	NW	5	bq	1014.1	0	53	+1	N	3	-	o	*	-	56	50	og	og.c.bq	bc.o	6.5						
	Jersey (St. Aubin)	1016.8	55	WNW	3	o	1012.3	*	51	-3	NE	4	-	b	3	-	58	50	bc.o	c.o	o	4.0						
	Portland Bill	1014.8	55	NW	3	c	1012.1	+1	53	0	NNW	3	N	c	2	-	58	50	bc.c	og.c	bc.c	*						
	Dungeness	1011.7	47	W	2	r	1006.4	0	49	+2	NW	4	-	op	3	-	49	45	op	op	op	*						
	Dover	1011.6	45	WNW	4	r	1005.3	0	49	+4	NW	4	NW	o	3	-	49	44	od	od	r.o	0.0						
Wick	1019.8	47	NNE	5	c	1021.0	0	46	0	NE	4	-	o	5	-	49	44	og	og.cu	og	*							
Nairn	1021.1	49	NNE	7	cq	1022.5	*	45	-3	NNE	3	-	og	4	-	53	44	cu	q.bc.c	q.cq	2.9							
Aberdeen	1016.6	47	NNW	6	oqd	1019.9	+1	45	-2	N	4	-	od	4	3	53	43	o.c.bq	bcq.od	ogd.r	6.1							
Leith	1016.0	54	NNE	5	c	1019.4	+1	46	-2	NE	5	-	o	5	-	58	41	b	c.b.c	c.og.o	*							
Tynemouth	1011.5	48	N	7	og	1014.6	+1	47	+2	NNE	6	-	og.m	6	-	48	45	og	og	og.m	*							
Spurn Head	1007.2	47	NNE	8	r	1008.5	+1	49	+3	NNE	8	-	og	7	-	53	43	og	og	og	0.0							
Yarmouth	1005.3	45	NW	4	r	1003.3	-1	51	+6	NNE	8	-	og.r	6	-	17	51	og.r	og.r	og.r	0.0							
Clacton-on-Sea	1004.4	45	WNW	4	o	1005.0	0	51	+5	NNW	5	N	c	4	-	5	52	44	od	or	org.f.c	0.0						
Nottingham	1011.6	49	NNW	4	o	1011.4	*	51	+4	N	6	N	o	*	-	52	45	o	o	o	0.0							
Benson (Oxon.)	1012.3	50	NNW	2	o	1010.7	0	48	+3	NW	4	-	o	*	-	51	44	r	o	o	*							
Sth Farnborough	1012.4	52	WNW	3	o	1009.8	0	49	+3	NW	3	-	o	*	-	53	46	r.od.o	o.r.o	o.r.o	0.2							
London (Kew Obs.)	1011.9	49	WSW	2	odm	1009.4	+1	50	+4	NNW	3	-	od	*	-	4	50	46	orm.od	org.odm	omd.nod	0.0						
NORTHERN EUROPE.	Spitsbergen	1004.3	36	NW	2	c	1002.3	?	36	0	N	2	*	S	*	-	37	36										
	Vardö	1004.4	43	SE	1	r	1003.9	+3	41	-4	NW	2	-	o	2	-	46	36										
	Bodö	1015.5	43	W	4	c	1017.1	0	45	-10	W	2	-	c	2	-	59	39										
	Christiansund	1019.7	46	NNE	4	o	1021.7	0	45	-3	NNE	3	-	c	4	-	16	48	43									
	Skudesnaes	1011.3	58	N	3	b	1013.1	0	57	+3	-	0	-	b	1	-	61	55										
	Copenhagen	1009.3	54	SESE	5	bc	1009.6	+1	52	0	E	4	-	bc	*	-	55	50										
FRANCE, &c.	The Scaw (Skagen)	1009.2	54	ESE	3	c	1012.3	0	54	+4	ENE	2	-	c	2	-	55	50										
	Blaavands Huk	1002.0	52	SE	3	r	1008.3	+4	48	-2	ENE	2	-	o	4	-	3	52	45									
	The Helder	999.8	50	WSW	8	r	995.3	+5	52	+2	E	4	-	c	3	-	15	52	48									
	C. Gris Nez	1011.1	46	NW	5	r	1006.1	0	50	+4	NW	6	*	o	6	-	6	50	46									
	La Hève	1014.3	53	NW	5	o	1010.9	*	50	0	NNW	5	*	o	5	-	3	55	48									
	Brest (St. Mathieu)	1019.7	51	NW	5	c	1014.0	-1	54	-1	NW	3	*	c	3	-	59	48										
	Rochefort (de d'Als)	1018.0	58	WNW	5	c	1014.6	0	54	+4	NW	4	*	o	*	-	61	52										
	Biarritz	1020.0	59	WNW	3	c	1015.9	0	57	+2	WSW	3	*	bc	2	-	1	64	54									
	Paris	1013.7	50	W	1	o	1008.7	0	46	-4	SW	2	-	o	*	-	2	59	46									
	Belfort	1014.3	50	WSW	5	o	1012.4	*	47	-3	WSW	6	*	o	*	-	4	55	44									
SOUTHERN STATIONS.	Lyons	1016.7	55	NW	3	bc	1014.1	*	51	+3	S	1	*	c	*	-	1	65	45									
	Nice	1010.1	65	WSW	5	b	1009.3	0	64	+3	-	0	*	b	3	-	70	52										
	Perpignan	1017.2	61	WNW	2	o	1016.0	0	61	-2	W	2	Sw	o	*	-	73	55										
	Sanguinaire	*	65	W	3	b	*	*	66	+3	W	3	*	b	3	-	77	59										
	Corunna	1021.5	61	NNE	5	b	1015.7	-2	57	0	E	4	-	b	2	-	63	54										
	Madrid	1011.4	77	-	0	b	1013.5	0	61	0	NE	1	-	b	*	-	79	54										
	Lisbon	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	*	*	*	*	*	*						
	Azores	1018.9	*	WSW	5	b	1016.2	0	59	0	-	0	*	bc	2	-	68	55										
	Madeira	1017.6	66	N	3	bc	1016.7	0	61	0	N	3	-	b	3	-	66	61										
	Gibraltar	1014.5	65	E	5	bc	1012.8	*	66	0	E	4	*	b	1	-	41	64										
MEDITERRANEAN.	Malta	*	*	*	*	*	1013.6	+2	73	0	NNW	1	-	b	1	-	75	70										
	Limassol	*	*	*	*	*	1005.2	+1	90	-1	ESE	1	-	b	2	-	97	70										
	Alexandria	1007.8	75	N	2	b	1007.5	+1	79	+2	N	1	-</															



FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

South Western England, South Wales and South Ireland warned at 19h15m. 12th.

Western Channel and Bay

Strong winds or gales between North and NorthEast; cloudy, occasional rain; cold

Strong winds from between North and North-East; cloudy, occasional rain; with some fairer intervals; cold.

FURTHER OUTLOOK.

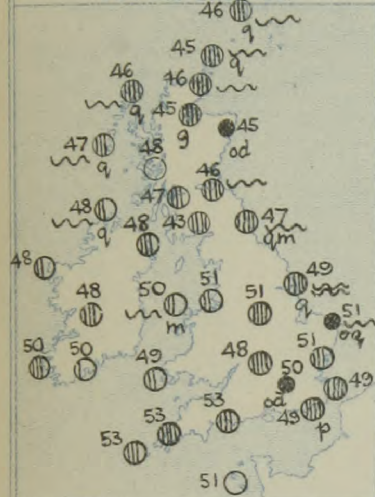
Wind becoming fresh Northerly, with rather rough sea, fair intervals occasional rain.

SYNOPTIC CHART FOR THE MORNING OF TUESDAY, 13TH JUNE, 1916.

GENERAL INFERENCE.

The depression over Holland is likely to move slowly southward or south-Westward.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



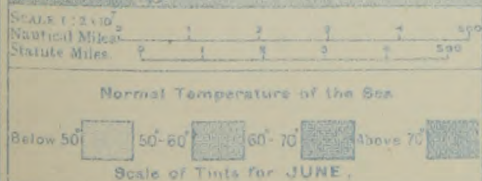
EXPLANATION.

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

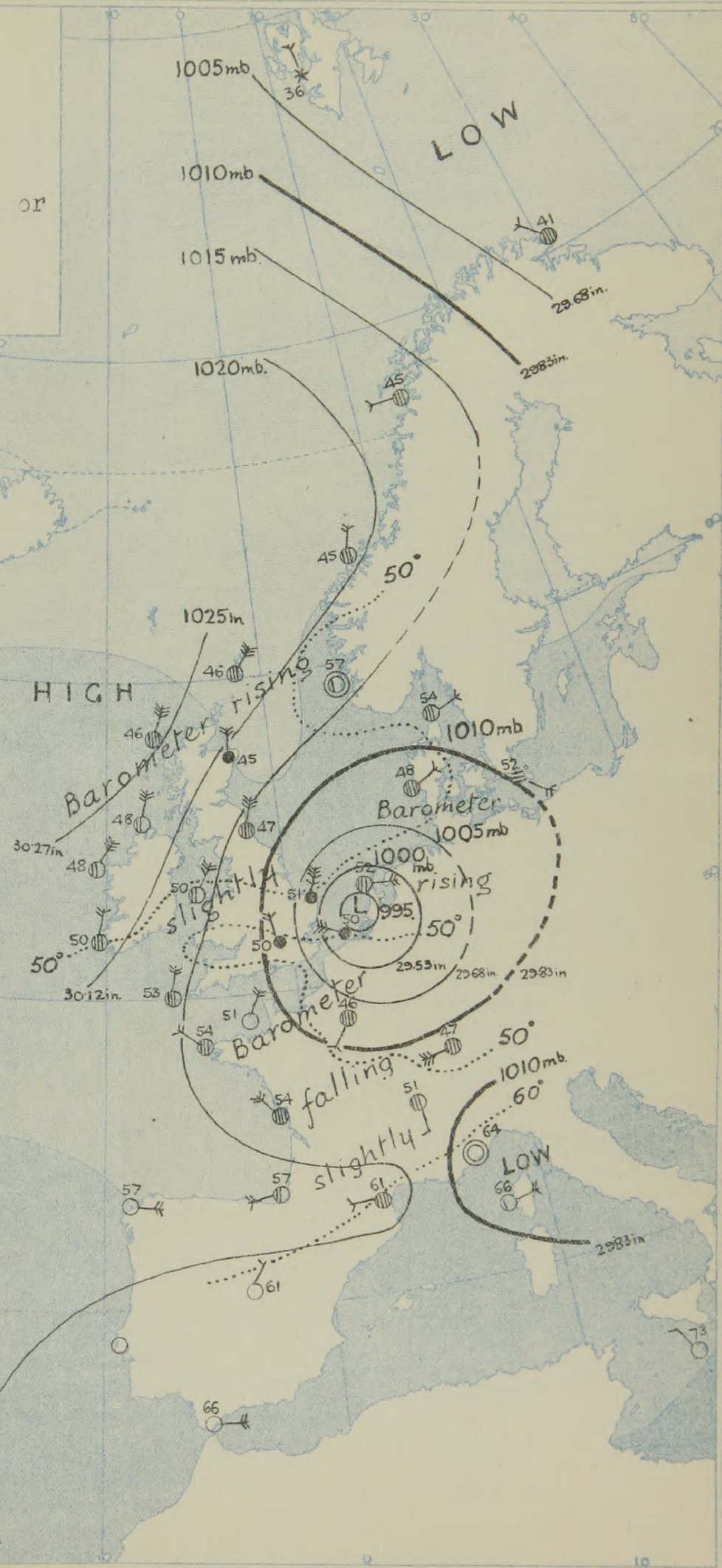
Inches.
31

30

29



2997in.



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	11 th AT 8 P.M. LOCAL TIME						12 th AT 7 A.M. LOCAL TIME										Rain- fall. Milli- metres.	TEMP.	
	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.	Max.	Min.			
			Direc.	Force 0-12.						Direc.	Force 0-12.								
Archangel ...	1026.7	50	—	0	bc	1024.0	+2	48	+5	ESE	3	*	b	?	8	*	37		
Gorki ...	...	...	...	...	...	1011.7	+1	57	-13	N	3	*	c	*	—	*	57
Veliki Luki ...	1013.9	57	SW	1	c	1014.3	*	57	—	W	3	*	o	*	—	*	?		
Hangö ...	1013.3	52	—	0	bc	1015.5	+1	48	-13	SSW	3	*	c	?	6	*	46		
Riga ...	1007.8	52	ESE	2	c	1017.7	+2	57	-11	—	0	*	c	?	15	*	48		
Petrograd ...	1011.7	68	NNE	3	cl	1013.7	+3	57	-13	WNW	3	—	o	*	2	86	55		
Moscow ...	1016.2	68	NE	2	o	1013.6	-1	64	-4	ESE	1	*	o	*	—	*	61		
Kiev ...	1011.9	73	N	3	o	1016.4	+5	55	-13	NW	4	*	o	*	36	*	54		
Kharkov ...	1015.0	70	SSE	1	o	1016.4	?	72	+6	?	2	*	bc	*	—	*	64		
Kishinev ...	1013.2	72	S	1	o	1019.0	?	63	—	NNW	4	*	b	*	4	*	61		
Elisabetgrad ...	1013.9	70	SW	1	bc	1015.0	+1	66	-2	WNW	3	*	o	*	—	*	63		
Nicolaiev ...	1014.6	73	SW	2	b	1015.5	*	70	0	W	3	*	b	?	—	*	64		
Odessa ...	1014.7	72	SSW	3	o	1015.9	+1	70	-5	N	3	*	o	?	—	*	66		
Tarkhankout ...	1016.2	68	—	0	c	1016.4	?	75	+3	SE	2	*	bc	?	—	*	?		
Soukhom ...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 11 th	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine for 17h.	STATIONS.	Sun- shine for 11 th	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine for 17h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	°F.	°F.						Mm.	Mm.	°F.	°F.			
Scotland.									England, E.								
Oban ...	110	-	-	61	39	b	b	109	Lowestoft ...	-	11	4	48	43	or	or	00
Banff ...	00	-	-	49	47	o	o	00	Felixstowe ...	23	1	3	47	43	odp	or	00
Carnoustie ...	10	*	*	58	50	bc	og	106	Walton-on-Naze ...	45	1	3	47	43	o.c.d.o.c	o.c.d.o.c	0.0
St. Andrews ...	-	*	*	57	44	b	og	109	Southend-on-Sea ...	513	2	1	41	44	odr	odr	00
England, N.E.									Margate ...	-	2	1	50	46	op	op	00
Harrogate ...	14	1	-	49	43	o	o	00	Ramsgate ...	74	1	2	47	43	r	r	00
Skegness ...	45	10	6	46	43	r	o	00	Hastings ...	42	*	*	51	44	oro	o	00
England, N.W.									Eastbourne ...	814	4	2	51	45	or	ol	00
Morecambe ...	2	-	-	64	48	-	-	48	Seaford ...	-	*	*	56	45	r	r	0.0
Blackpool ...	-	-	-	-	-	-	-	-	Brighton ...	87	5	1	53	42	or	ro	0.0
Southport ...	62	-	-	57	47	ocbc	cbc	42	Worthing ...	82	6	1	54	46	do	o	0.1
Midlands.									Littlehampton ...	-	6	2	60	43	or	o	00
Buxton ...	1.5	*	*	49	42	bc	bc	?	Bognor ...	-	6	2	60	43	or	o	00
Leamington Spa ...	10	7	1	53	44	op	o	00	Bournemouth ...	50	*	*	61	46	o	o	10
Malvern ...	-	2	-	56	47	c	cbc	3.0	Weymouth ...	-	*	*	62	46	c.o.c	c.o.c	25
Ross-on-Wye ...	-	03	02	59	46	cbc	bc.b	07	Torquay ...	-	-	-	57	48	o.c	c	25
Wales.									Paignton ...	-	-	-	58	51	o	cbc	30
Rhyl ...	43	-	-	56	48	cbc	cbc	3.1	Penzance ...	-	-	-	58	51	o	cbc	30
Colwyn Bay ...	-	*	*	56	48	cbc	bc	88	Newquay ...	87	-	-	53	50	bc	cbc	27
Llandudno ...	43	*	*	56	48	b	3bc	90	Bude ...	63	-	-	57	49	c	cbc	34
Aberystwyth ...	10	*	*	56	47	roc	cbc	30	Ilfracombe ...	-	*	*	56	45	cbc	bc.c	25
Tenby ...	-	-	-	55	46	-	-	34	Weston-s-Mare ...	-	1	-	61	45	bc	cbc	25

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total.	Average Rate.	Max. Rate.	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	463 Joules.	7.8 Milli-watts.	36 Milli-watts			
				Max.	Min.											
24 HOURS ENDED 9 h. TO-DAY												Hours of Observation G.M.T.				
%	%	Hr.	F.	F.	F.	mm. §				Morning.	Evening.		Morning.	Evening.		
Greenwich (Royal Obs.) ...	80	91	0.0	51	46	45	3	or	or	or						
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	88	79	0.0	58	47	45	3	od.r.o	od.d.o	o	British Isles ...	7	18	Corunna ...	7	16
Camden Sq. (Brit. Rainfall)	77	77	0.0	54	46	46	3	od.o	o.or	-	France ...	7	18	Madrid ...	8	16
Hampstead (Reservoir) ...	*	85	0.0	51	43	40	4	o	or	o	Norway ...	7	18	Lisbon ...	7	21
S. Kensington (Museum Grounds)	*	77	0.0	62	47	46	3	od.or	od	or.o	Denmark ...	6	18	Azores ...	8	17
Richmond Park ...	*	*	*	*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21
Kew. (See front page.)	*	*	0.0	*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																

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

13 th 14 th June 1916.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3 32 H.M.T. 3 31	G.M.T. 11 53 H.M.T. 11 53	G.M.T. 8 14 H.M.T. 8 14
Greenwich ...	G.M.T. 3 45 H.M.T. 3 44	G.M.T. 12 0 H.M.T. 12 0	G.M.T. 8 15 H.M.T. 8 15
Wick ...	G.M.T. 3 8 H.M.T. 3 7	G.M.T. 12 12 H.M.T. 12 12	G.M.T. 9 16 H.M.T. 9 17
Valencia ...	G.M.T. 4 23 H.M.T. 4 22	G.M.T. 12 44 H.M.T. 12 44	G.M.T. 8 59 H.M.T. 8 59

NOTES ON YESTERDAY'S WEATHER.

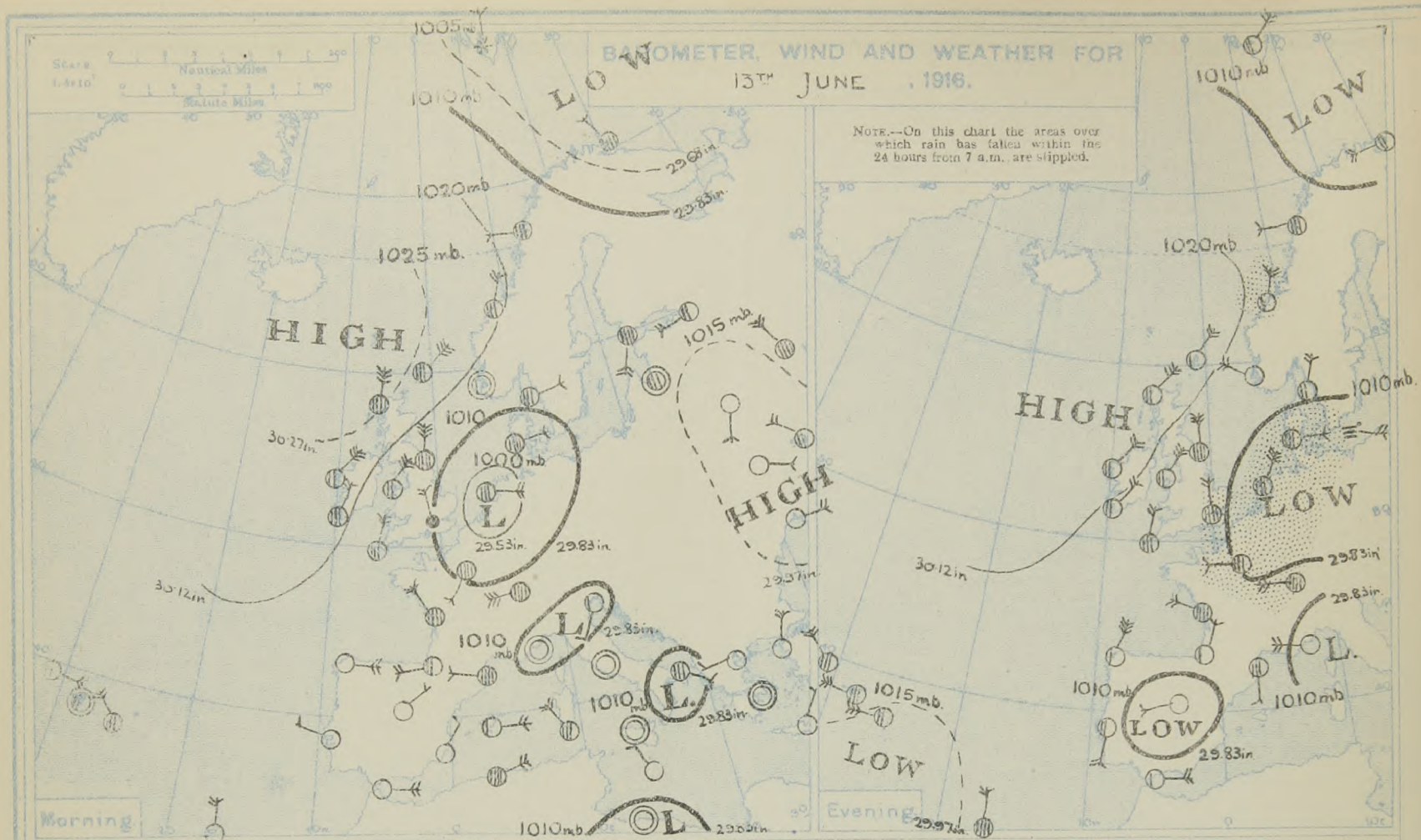
The day was dull and showery in the south-east of the country, but fairer in the north-west, with over 12 hours of sunshine in the south of Scotland. Temperature reached 66° at Glasgow, but did not exceed 55° in the south-east of England.

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 166. { Wednesday, 14th June.

STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS.							Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	WIND.			Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud	Weather.	Sea 0-9	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
		TEMP.	Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	F.	F.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon	Night.			
BRITISH ISLANDS.																							
Lerwick	1022.6	49	NE	4	b	1018.8	-2	48	+2	NNW	4	-	om	3	-	49	43	bc	bc.b	bc.o	*		
Deerness (Orkney)	1022.0	48	N	6	b	1021.0	*	48	+3	NW	4	N	og	4	-	51	43	o.c.bq	bc.bq	b.boco	9.2		
Stornoway	1024.4	50	NE	5	bq	1024.4	0	50	+4	NE	3	-	b	3	-	52	40	og	o.bq	b	5.6		
Castlebay (Barra Isd.)	1023.0	48	NNE	6	cg	1024.2	0	52	+5	NW	2	NW	bc	3	-	52	45	c.og	o.cq	c.bq.bc	7.7		
Glasgow	1019.7	56	E	3	b	1022.3	+1	44	+1	W	1	-	bm	*	-	60	38	c.bc	bc.b	bm.x	11.5		
Eskdalemuir	1019.6	47	NE	5	bc	1021.3	0	47	+4	NE	4	E	bc	*	-	51	39	ad.c.bc	bc	bc.c	5.9		
Malin Head	1020.5	52	N	4	bcmq	1022.0	0	50	+2	NE	1	-	bq	1	-	53	46	bc	bcmq	bq	14.3		
Blacksod Point	1021.0	52	NE	4	bcm	1022.3	+1	51	+3	NE	1	-	bq	2	-	53	46	bcm	bcm	bcg.bc	*		
Valencia	1018.7	58	NE	3	c	1021.7	+2	53	+3	-	0	E	bq	2	-	60	47	c.bc.b	b.bc.c	c.o.cq	7.5		
Roche's Point	1021.2	53	E	3	o	1022.2	*	51	+1	N	1	-	b	1	-	58	45	bc.o	o.c	o.b	*		
Birr Castle	1019.9	55	NNE	1	c	1023.1	*	48	0	E	1	-	m	*	-	57	39	c	c	cq	3.9		
Donaghadee	1019.1	53	N	4	bcm	1022.0	+1	49	+1	WSW	2	-	bm	3	-	55	43	bcm	bcm	bcm	*		
Liverpool (Bidston)	1017.4	53	NNE	2	o	1020.4	+1	46	-6	NE	1	N	o	1	-	54	45	bc	bc	c.o	3.1		
Holyhead	1018.4	54	NE	5	bcm	1020.7	+1	49	-1	NE	5	-	ogm	4	-	55	47	bc.o.c	c.bc	bc.b.o	8.0		
Pembroke (St. Ann's)	1017.2	54	N	5	bc	1020.2	+1	48	-1	NE	2	-	o	1	-	59	45	bq	bq	bc.c	9.2		
Scilly (St. Mary's)	1016.7	55	NNE	3	c	1019.3	+1	54	+1	ENE	1	-	bm	2	-	58	49	c	c	bc.bm	6.3		
Falmouth	1015.5	59	N	5	bq	1019.6	+2	51	-2	N	2	-	bq	2	-	62	45	g.c	c.bc.bq	b	6.3		
Jersey (St. Aubin)	1013.5	58	NW	3	c	1017.3	*	54	+3	N	3	N	c	2	Trace	60	50	op.c.b	b.o.c	o.c	6.8		
Portland Bill	1012.7	57	NNE	5	bc	1017.5	+2	50	-3	NNE	4	N	bc	3	-	61	48	bc.c	bc	bc.o.o	*		
Dungeness	1010.1	51	N	4	og	1014.5	+2	49	0	?	5	-	og	4	1	55	46	erq	c.og	og	*		
Dover	1009.7	50	N	6	o	1014.7	+3	48	-1	NW	6	NW	o	4	2	54	47	op.o.c	c.op.r	op.r	1.9		
Wick	1022.3	48	NE	4	b	1021.7	-1	48	+2	NW	3	-	c	3	-	49	40	omq	og.bq	bcq.c	*		
Nairn	1022.6	50	E	2	bcm	1023.6	*	46	+1	W	2	-	bc	2	-	51	37	o.cm	c.bcm	bcx	4.0		
Aberdeen	1021.0	48	N	4	c	1021.2	0	48	+3	NW	5	NE	bc	3	-	51	42	og	og.c	c.bc	2.3		
Leith	1019.9	52	E	3	b	1021.6	0	46	0	NW	1	N	bc	2	-	54	41	o.c.bc	b	b.bc	*		
Tynemouth	1018.1	47	N	5	ogm	1019.8	+1	47	0	NNE	4	N	cm	5	-	47	45	omq	omq	cmq	*		
Spurn Head	1014.2	49	NNE	7	og	1016.7	+1	48	-1	NE	7	-	og	7	-	52	45	og	og	og	4.2		
Yarmouth	1011.0	52	NNE	6	o	1014.9	+4	50	-1	NNE	5	-	og	5	-	54	49	og.r	og	og	0.0		
Clacton-on-Sea	1010.1	53	N	4	o	1015.0	+3	48	-3	NNW	4	N	o	3	4	56	47	cf	cf.o	opg	2.4		
Nottingham	1015.3	49	N	5	c	1019.0	*	47	-4	N	2	N	o	*	Trace	52	45	o.c	od.c	c.o	1.1		
Benson (Oxon.)	1013.6	52	N	5	bc	1018.4	+2	46	-2	N	4	-	o	*	1	55	45	or	bc	c.o	*		
Sth Farnborough	1012.2	53	NNW	5	o	1017.1	+2	47	-2	N	4	-	o	*	1	55	46	or.or	or.or	or.o	2.1		
London (Kew Obsy.)	1012.7	53	N	3	o	1017.7	+2	48	-2	N	3	-	o	*	1	56	46	ad.c.o	a.c.o	op.o	1.2		
NORTHERN EUROPE.																							
Spitsbergen	1005.6	34	NE	0	bc	1006.4	0	30	-6	N	6	*	b	*	*	37	28	UPPER AIR FALMOUTH Pilot Balloon Ascent at 7 ^h 20 ^m . Wind at 1200m. NNE 8 m.p.s. 900 NbyE 8 .. 600 NEbyN 6 .. 300 NNE 2 .. Surface NbyE 2 ..					
Vardö	1007.5	39	W	4	bc	1009.0	+2	41	0	NW	4	-	bc	4	*	46	37						
Bodö	1015.5	43	W	2	c	1013.2	0	43	-2	N	4	-	c	2	-	46	39						
Christiansund	1018.6	46	NNE	3	b	1011.4	-3	45	0	W	2	-	r	3	14	48	39						
Skudesnaes	1012.8	59	WNW	4	b	1010.9	-1	50	-7	NNW	6	-	c	2	-	61	46						
Copenhagen	1006.7	57	-	0	c	1007.4	-1	54	+2	ESE	2	-	c	*	4	59	52						
The Scaw (Skagen)	1011.3	54	NNE	3	bc	1010.9	-1	48	-6	NE	2	-	bc	1	-	57	48						
Blaavands Huk	1009.6	55	?E	2	c	1009.9	0	52	+4	NNE	2	-	c	3	5	55	46						
FRANCE, &c.																							
The Helder	1005.0	52	NE	6	c	1009.6	+2	54	+2	NNE	3	-	o	3	1	54	48						
C. Gris Nez	1007.3	50	N	5	r	1013.6	+3	50	0	N	6	*	o	6	5	55	50						
La Hève	1010.7	53	NNW	5	o	1015.4	*	50	0	N	5	*	o	5	3	57	48						
Brest (St. Mathieu)	1014.7	59	NE	2	c	1018.4	+1	55	+1	E	3	*	m	1	-	61	48						
Rochefort (Ile d'Aix)	1013.1	57	WNW	4	o	1015.5	+3	55	+1	NE	1	*	b	*	-	63	50						
Biarritz	1013.0	59	NNE	2	b	1015.0	0	55	-2	E	2	*	o	2	-	66	54						
Paris	1016.0	54	W	2	bc	1013.2	+2	52	+6	WNW	2	-	o	*	2	57	46						
Belfort	1012.7	48	W	4	o	1013.6	*	46	-1	WSW	6	*	o	*	1	52	45						
Lyons	1013.5	55	NW	2	c	1014.1	*	53	+2	-	0	*	c	*	-	66	44						
Nice	1007.1	67	W	4	b	1009.1	0	62	-2	-	0	*	b	3	-	77	50						
Perpignan	1012.6	68	S	1	c	1013.0	+1	64	+3	-	0	-	b	*	-	72	48						
Sanguinaire	*	77	W	3	b	*	*	65	-1	N	2	*	b	3	-	81	55						
SOUTHERN STATIONS.																							
Corunna	1011.9	61	NNE	6	b	1011.0	0	59	+2	E	2	SW	bc	1	-	63	48						
Madrid	1006.3	79	WSW	2	b	1010.6	+2	64	+3	E	1	-	b	*	-	82	57						
Lisbon	1009.3	75	SSW	3	bc	1011.4	+1	75	-4	NNW	2	-	b	2	-	77	55						
Azores	1015.4	*	W	5	bc	1012.7	0	61	+2	WNW	2	*	r	2	2	66	59						
Madeira	1015.7	66	N	3	o	1016.0	0	61	0	N	2	-	b	2	-	70	61						
Gibraltar	1012.2	66	E	4	b	1011.8	*	66	0	E	3	*	o	1	-	72	64						
Malta	*	*	*	*	*	1010.9	+1	75	+2	E	2	-	b	1	-	81	72						
Limassol	*	*	*	*	*	1004.6	0	81	-9	NE	1	-	b	1	-	93	68						
Alexandria	1007.4	77	NNE	2	b	1007.1	0	77	-2	N	3	-	b	1	-	86	72						
Cairo (Helwan)	1004.7	90	NE	4	b	1005.6	0	84	+3	N	3	-	b	*	-	104	72						
YESTERDAY'S REPORTS																							
12 ^h 20 h. G.M.T.																							
13 ^h 7 h. G.M.T.																							
MEDITERRANEAN.																							
Venice	1010.2	68	SSE	2	c	1009.6	*	64	+1	SW	1	SW	b	4	-	73	61						
Turin	1009.3	55	NE	3	b	1010.7	*	57	-2	-	0	-	bc	*	65	82	57						
Pesaro	1012.4	70	0	0	b	1011.6	*	68	0	SSE	1	SW	b	1	-	84	39						
Leghorn	1014.4	66	W	4	b	1012.1	*	64	0	W	4	SW	b	2	-	73	67						
Rome	1015.7	66	-	0	c	1013.5	*	70	+4	-	0	NE	b	*	Trace	73	59						
Viesti	1014.2	72	SSE	1	c	1011.7	*	66	-4	NW	1	NW	c	2	-	77	63						
Brindisi	1015.7	73	SE	1	b	1007.7	*	72	-3	SE	2	S	c	3	-	77	68						
Cagliari	1013.5	75	SE	3	o	1012.3	*	68	+2	NW	4	W	c	4	2	77	48						
Palermo	1014.9	72	-	0	b	1013.9	*	75	+5	-	0	-	b	1	-	79	63						
Tripoli	1010.4	72	E	1	b	1009.0	*	84	+12	-	0	-	b	1	-	84	66						
Algiers	1017.9	64	ENE	5	o	1011.3	+1	66	+2	ENE	4	-	o</										



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.



STORM WARNINGS.

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

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

0	a	}	Moderate or fresh Northerly winds; cloudy weather;
0	b		
1	a	}	cold.
2	b		
3	a	}	Fresh Northerly winds, decreasing slowly; dull, perhaps some showers; cold.
4	b		
5	a		
6	b		
7	a	}	Light Northerly or indefinite winds; fair, some mist;
8	b		
9	a	}	cold.
10	b		

Western Channel and Bay 1)

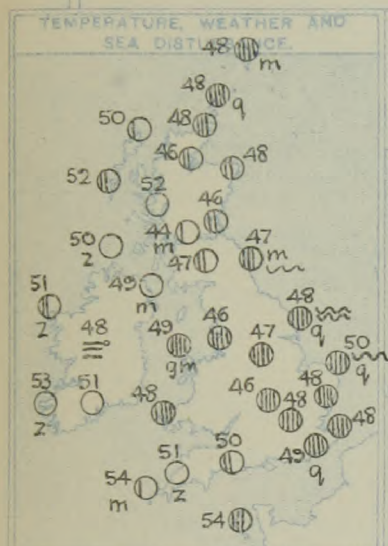
Light North-Easterly airs, smooth sea; fair, some mist.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR THE MORNING OF WEDNESDAY, 14th JUNE, 1916.

GENERAL INFERENCE.

The depression over Germany will pass away to the eastward.



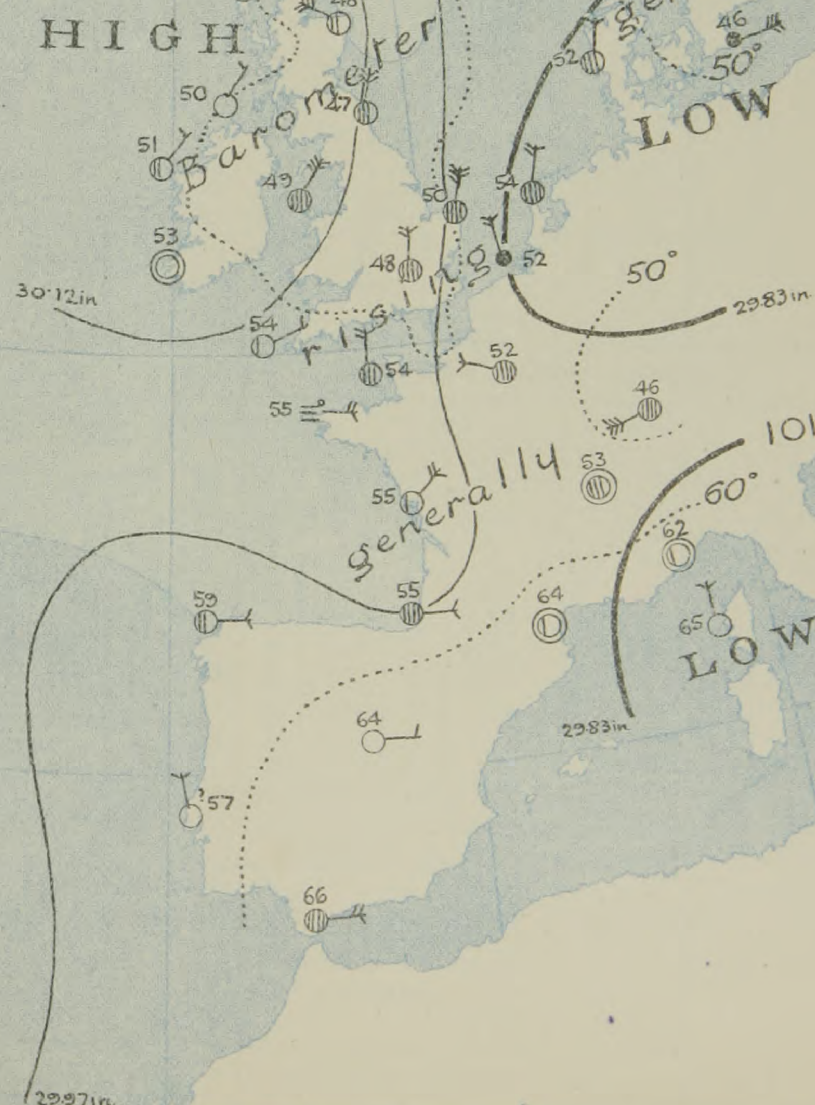
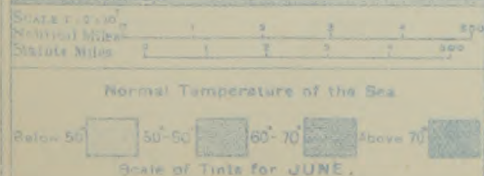
EXPLANATION.

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 $\frac{1}{2}$ clouded. sky $\frac{3}{4}$ clouded. overcast sky. rain falling.
 * snow. hail. fog. mist. thunder.
SEA DISTURBANCE.—Rough High .

Inches.
31

30

29



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	12 ^h AT 9 P.M. LOCAL TIME.						13 ^h AT 7 A.M. LOCAL TIME.												Rain-fall.		TEMP.	
	Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Milli- metres.	Max.	Min.					
			Direc.	Force 0-12.				F.	F.	Direc.	Force 0-12.											
Archangel ...	1014.9	63	ESE	2	b	1016.7	+1	55	-2	W	1	*	b	*	28	*	50					
Gorki ...	1015.0	50	NNW	1	b	1017.7	*	35	-2	SSW	2	*	b	*	9	*	45					
Veliki Luki ...	1013.3	48	WSW	3	o	1010.9	-1	48	0	SSW	4	*	o	?	-	*	45					
Hangö ...	1015.8	55	-	0	bc	1014.0	-1	61	+4	-	0	*	c	o	-	*	50					
Riga ...	1009.1	54	NNW	4	o	1012.6	+1	52	-5	WSW	3	SE	bc	*	1	61	50					
Petrograd ...	1008.7	66	ENE	3	o	1013.0	+3	55	-9	NNW	4	*	o	*	-	*	54					
Moscow ...	1018.3	57	NW	1	b	1018.3	0	59	+4	ESE	2	*	b	*	-	*	54					
Kiev ...	1015.1	61	NW	3	c	1016.7	+2	61	-11	NW	3	*	bc	*	14	*	55					
Kharkov ...	1018.6	64	N	1	b	1017.9	?	63	0	ESE	3	*	bc	*	-	*	59					
Kishinev ...	1017.7	61	NNW	2	b	1018.6	0	59	-7	-	0	*	b	*	-	*	46					
Elisabetgrad ...	1018.1	68	N	2	b	1018.3	*	57	-13	NE	2	*	b	?	-	*	54					
Nicolaiev ...	1018.0	68	NNE	2	b	1017.9	0	66	-4	E	3	*	b	?	-	*	54					
Odessa ...	1017.0	70	NNW	3	b	1016.6	?	70	-5	NW	5	*	b	?	-	*	64					
Tarkhankout ...	1015.0	72	-	0	o	1015.5	?	73	-	-	0	*	o	?	-	*	?					
Soukhoum ...																						

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 12 ^h	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine for 17 h.	STATIONS.	Sun- shine for 12 ^h	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine for 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	° F.	° F.						Mm.	Mm.	° F.	° F.			
Scotland.									England, E.								
Oban ...	13.9	-	-	61	43	o	b	12.0	Lowestoft ...	0.0	8	1	52	43	o.c.op.	o.p.c	0.7
Banff ...	0.0	-	-	50	45	o	c.b.c	0.8	Felixstowe ...	0.0	2	1	53	43	bc.p.g	c.p.g	1.1
Carnoustie ...	10.6	*	*	55	46	o.c	bc.c	6.5	Walton-on-Naze ...	0.0	1	1	55	45	bc.p.b	bc.p.b	1.6
St. Andrews ...	10.0	-	-	52	44	b	bc.c	3.0	Southend-on-Sea ...	0.0	3	6	55	45	or	or.c	1.1
England, N.E.									Margate ...	0.0	1	1	54	43	cp	cp	0.8
Harrogate ...	0.0	1	-	46	44	o	o	0.0	Ramsgate ...	0.0	5	1	54	44	or	or	1.9
Skegness ...	0.0	2	0.4	53	45	g.p	g	2.7	Hastings ...	0.0	2	*	56	46	or	o.c	1.6
England, S.E.									Eastbourne ...	0.0	3	1	59	46	bc.op	bc.p	1.9
Morecambe ...	6.3	-	-	55	49	-	-	2.4	Seaford ...	0.0	2	*	57	46	c	p	2.4
Blackpool ...	...	-	-	56	48	c.o.c.b.c	c.o.	3.5	Brighton ...	0.0	2	-	59	47	or.c	c.o.c	3.9
Southport ...	6.8	-	-	56	48	c.o.c.b.c	c.o.	3.5	Worthing ...	0.1	1	1	56	47	bc.o.c	or.c	4.3
Wales.									Littlehampton ...	0.0	9	8	57	47	bc.o.c	bc	4.0
Buxton ...	...	*	*	51	44	c	c	0.0	Bognor ...	0.0	*	*	57	47	bc.p	bc.p	7.6
Leamington Spa ...	0.0	-	-	54	47	o	o	0.5	Bournemouth ...	1.0	*	*	59	49	bc	bc.o	6.6
Malvern ...	...	-	-	58	48	o	o	0.4	England, S.W.								
Ross-on-Wye ...	2.1	-	-	58	48	o	o	0.4	Weymouth ...	2.5	*	*	63	49	bc.c	c.b.c	7.5
Rhyl ...	4.7	-	-	55	48	c.b.c	c.b.c	2.4	Torquay ...	...	-	-	62	52	c.b.c	bc	6.0
Colwyn Bay ...	8.8	*	*	55	49	bc	bc	3.0	Paignton ...	...	-	-	56	51	bc	bc.b	7.0
Llandudno ...	...	*	*	56	49	bc	c.b	6.8	Penzance ...	5.1	-	-	62	52	c.b.c	bc	6.0
Aberystwyth ...	3.0	*	*	60	50	o.c	c.b.c	6.0	Newquay ...	4.7	-	-	56	51	bc	bc.b	7.0
Tenby ...	4.8	-	-	64	49	-	-	6.4	Bude ...	5.9	-	-	61	55	b	b	8.5
									Ilfracombe ...	2.5	*	*	60	49	bc.b	bc	8.7
									Weston-s-Mare ...	2.5	-	-	59	49	b	bc.b	4.8

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 1039 Joules.	Average Rate. 17.5 Milliwatts.	Max. Rate. 79 Milliwatts	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	Hours of Observation G.M.T.					
				Max.	Min.											
24 HOURS ENDED 9 h. TO-DAY																
%	%	Hr.	F.	F.	F.	mm.				Morning.	Evening.			Morning.	Evening	
Greenwich (Royal Obs.) ...	77	84	2.3	57	46	46	1	o	o.p	o						
City (Pushill Row) ...	*	*	2.5	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	72	81	2.5	57	47	47	2	op	o	opue.	British Isles ...	7	18	Corunna ...	7	16
Camden Sq. (Brit. Rainfall)	74	80	2.9	59	46	47	2	og	g.b.c	-	France ...	7	18	Madrid ...	8	16
Hampstead (Reservoir) ...	*	86	2.3	53	43	45	3	ad	o	o	Norway ...	7	18	Lisbon ...	7	21
S. Kensington (Museum Grounds)	*	81	2.7	56	47	45	2	od.o.ad	op	op.o	Denmark ...	6	18	Azores ...	8	17
Richmond Park ...	*	*		*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21
Kew. (See front page.)	*	*	1.2	*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—
(Greenwich and Camden Square air temperatures are in Glaisher screens.)											Egypt ...	6	18	Limassol...	6	—

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

	14 th 15 th June, 1916.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.21	G.M.T. 11.53	G.M.T. 8.14
Greenwich ...	3.44	12.0	8.16
Wick ...	3.7	12.12	8.17
Valencia ...	4.22	12.41	8.59

NOTES ON YESTERDAY'S WEATHER.

The day was rainless except for slight falls in the south-east. Sunshine varied from little in the south-east to 14.3 hours at Malin Head, Temperature remained cold generally.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; 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-baze, or smoke.

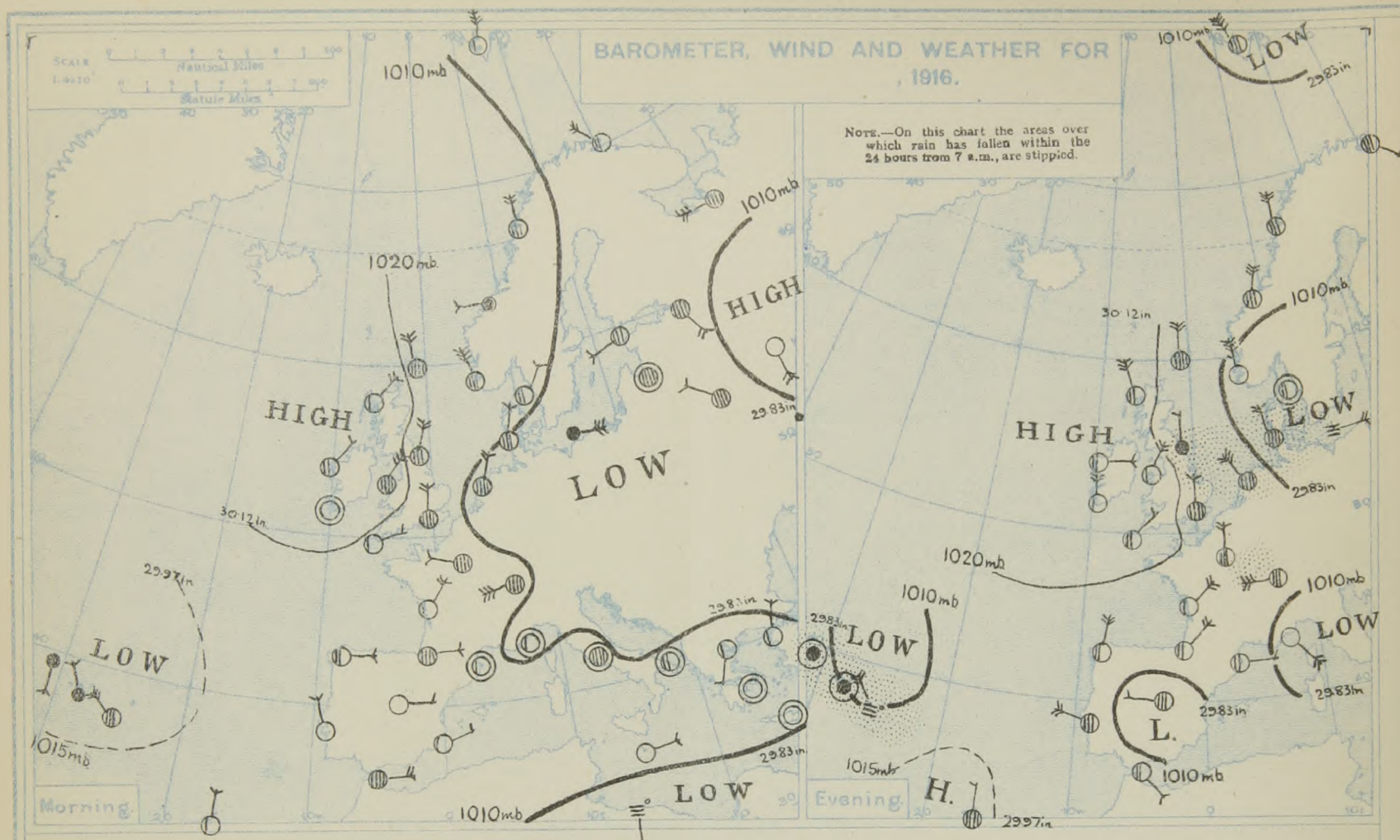
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STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	WIND.			Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud	Weather.	Sea 0-9	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
		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.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																					
Lerwick ...	1019.6	46	N	4	om	1024.3	+2	48	0	NNE	4	NE	c	3	-	51	45	om	om	o.c	*
Deerness (Orkney) ...	1019.6	47	N	6	opd	1024.7	*	48	0	N	4	-	ov	4	-	52	46	om.o	o	o	0.2
Stornoway ...	1025.1	52	NNW	5	bcq	1027.0	+2	48	-2	NE	4	-	o	4	-	58	46	bcq	bcq	oq	9.7
Castlebay (Barraisd.) ...	1024.5	56	NNW	4	c	1025.2	+1	48	-4	N	5	-	bq	5	-	58	45	bc.b	bc	bc.f.bq	13.2
Glasgow ...	1019.4	66	W	2	c	1023.3	+3	50	+6	E	2	N	bq	*	-	66	44	b.b.c	c	c.b.b	8.1
Eskdalemuir ...	1019.6	59	W	2	o	1022.7	+3	48	+1	NNE	4	-	c	*	-	63	43	bc.v	bc.o	o.c	8.4
Malin Head ...	1023.3	53	N	1	bc	1022.3	0	48	-2	NNE	3	-	om	3	-	54	48	bc	bc	om	13.9
Blackrock Point ...	1023.9	56	ESE	2	bc	1023.4	0	49	-2	ESE	4	-	om	3	-	59	47	bc	bc	bc.om	10.1
Valencia ...	1021.4	62	N	4	b	1021.6	0	52	-1	-	0	E	bq	1	-	64	44	b.bq	bcq.b	bq.bq	10.1
Roche's Point ...	1023.2	54	SSE	1	b	1022.8	*	51	0	N	1	-	b	1	Trace	57	45	b	b	bq	*
Birr Castle ...	1021.6	?	NE	1	bc	1023.6	*	54	+6	N	1	-	b	*	-	66	44	bc	bc	bq	13.7
Donaghadee ...	1021.6	54	NNE	3	bc.m	1022.0	+2	52	+3	NNE	3	-	bm	3	-	56	48	bc.m	bc.m	bc.m.bm	*
Liverpool (Bidston) ...	1020.8	55	WNW	3	b	1020.5	+1	53	+7	W	2	W	bc	2	-	56	46	o.c.b	b	bc	7.3
Holyhead ...	1021.7	54	NE	4	bq	1020.8	0	53	+4	N	2	NE	cg	1	-	57	48	o.c.b.c	bc.bq	b.b.c.o	9.2
Pembroke (St. Ann's) ...	1022.4	53	N	3	bc	1021.6	0	52	+4	N	1	-	c	1	-	57	51	c.o	o.bq	bc.c	4.3
Scilly (St. Mary's) ...	1021.0	55	NE	1	bc.m	1021.1	0	55	+1	E	1	-	bm	2	-	60	48	bm	bm	bc.bm	10.5
Falmouth ...	1020.3	56	SW	1	cg	1020.9	0	53	+2	NNW	1	-	bq	*	-	59	45	bc.c.o	o.cq	bw	6.0
Jersey (St. Aubin) ...	1020.0	54	N	3	o	1020.0	*	53	-1	E	1	-	b	1	-	57	40	c.o	o	o.bmw	2.8
Portland Bill ...	1019.8	57	NNW	1	bc	1020.1	0	54	+4	NW	2	N	o	1	-	58	49	bc.c	q.c.bc	b.b.c.o	*
Dungeness ...	1018.1	54	NNE	3	o	1017.9	0	53	+4	WSW	4	-	o	3	-	58	48	eq.c	c.o	c.o	*
Dover ...	1018.5	51	NW	4	o	1017.8	0	52	+4	NW	5	NW	c	2	0.2	59	47	o.c.bc	bc.c.o	op.o.c	3.6
Wick ...	1020.1	50	NW	4	m	1024.8	+3	48	0	NE	4	NE	o	3	-	52	45	c.omq	q.c.omq	omq	*
Nairn ...	1021.3	56	N	2	ou	1025.5	*	49	+3	NNE	2	-	og	2	-	61	45	bc.cq	cg	g.g.uo	4.2
Aberdeen ...	1019.3	53	NW	6	og	1023.6	+2	48	0	NNW	4	-	o	3	-	60	45	bc.cq	c.og	og	3.6
Leith ...	1019.2	60	NE	1	c	1022.0	+1	51	+5	E	2	E	b	2	-	65	41	b	b.b.c	c.c.b	*
Tynemouth ...	1019.5	51	N	1	omr	1021.2	+1	48	+1	NNW	4	-	og.m	5	1	55	45	cg	omr	ogm	*
Spurn Head ...	1019.3	50	NE	6	o	1018.4	+1	48	0	N	7	-	cg.b	6	2	52	45	og	og	og.r	0.0
Yarmouth ...	1017.8	49	NNE	4	o	1016.5	+2	47	-3	N	5	-	og.d	4	2	53	46	og	og	od.og.s	0.0
Clacton-on-Sea ...	1018.2	51	NNW	3	o	1017.8	+2	49	+1	NNW	5	N	o	4	0.2	56	47	og.c	c.o	o.c	3.3
Nottingham ...	1019.3	56	N	2	c	1020.8	*	48	+1	N	4	N	o	*	Trace	57	46	o	o.c	c.o.c	2.0
Benson (Oxon.) ...	1019.5	54	N	1	b	1019.8	+1	50	+4	-	0	-	o	*	-	54	44	o	o	bc.o	*
Sth Farnborough ...	1019.2	54	NNW	2	b	1019.0	+1	52	+5	NW	2	-	og	*	-	55	44	o	o.bq	bq.o	1.4
London (Kew Obsy.) ...	1019.5	53	N	2	o	1019.1	+2	53	+5	N	1	-	om	*	-	53	47	o	o	bq.o	0.2
NORTHERN EUROPE.																					
Spitsbergen ...	1007.9	30	NW	8	c	1008.8	+2	34	+4	NW	1	*	bc	*	*	34	25	UPPER AIR			
Vardö ...	1013.1	39	SE	1	c	1014.6	+1	43	+2	N	2	-	o	3	*	41	36	South Farnborough			
Bodö ...	1013.7	41	N	5	c	1018.1	+3	45	+2	N	2	-	c	2	-	45	39	Pilot Balloon Ascent at 6 h. 58 m.			
Christiansund ...	1016.4	50	NNE	5	c	1020.0	0	43	-2	NE	4	-	c	3	-	50	39	Wind at			
Skudesnaes ...	1006.1	50	NNW	7	b	1010.1	+3	52	+2	N	5	-	c	2	-	52	48	1200 m. NNW 13 m.p.s			
Copenhagen ...	1006.4	55	SSW	1	o	1003.3	0	52	-2	NE	2	-	o	*	2	57	52	900 " NNW 10 "			
The Scaw (Skagen) ...	1007.3	55	-	0	bc	1007.8	+1	50	+2	NNE	5	-	o	5	-	55	48	600 " N by E 10 "			
Blaavands Huk ...	1008.8	48	NNW	3	o	1005.3	0	50	-2	E	1	-	o	2	5	52	48	300 " N by W 8 "			
FRANCE, &c.																					
The Helder ...	1013.1	52	NW	5	o	1011.1	+1	50	-4	NW	5	-	r	3	2	54	50	Surface NNW 2 "			
C. Gris Nez ...	1018.1	54	N	5	o	1017.7	0	?	?	WNW	?	*	?	3	Trace	55	50	Falmouth 7 ¹⁵ m.			
La Hève ...	1018.1	50	N	3	m	1019.7	*	54	+4	NNW	3	*	m	2	-	57	52	Wind at			
Brest (St. Mathieu) ...	1019.4	59	NE	4	b	1020.2	0	55	0	NNE	6	*	r	1	-	68	48	1200 m. E 5 m.p.s			
Rochefort (Ile d'Aix) ...	1016.0	66	NE	4	b	1017.2	0	54	-1	ESE	5	*	b	*	-	77	54	900 " ENE 5 "			
Biarritz ...	1012.0	64	NE	3	bc	1012.4	0	59	+4	E	3	*	c	1	-	70	54	600 " E by N 5 "			
Paris ...	1017.0	57	N	3	b	1018.9	+1	52	0	NNW	2	-	o	*	1	61	43	300 " ENE 2 "			
Belfort ...	1015.9	50	W	5	c	1018.3	*	48	+2	W	5	*	o	*	?	56	46	Surface N 1 "			
Lyons ...	1015.7	61	NE	2	bc	1018.3	*	54	+1	N	2	*	bc	*	-	68	45				
Nice ...	1006.3	66	SE	4	b	1011.3	+3	65	+3	E	2	*	b	2	-	79	52				
Perpignan ...	1011.9	70	E	1	bc	1015.4	+2	66	+2	SE	1	-	b	*	-	77	55				
Sanguinaire ...	*	68	NW	4	bc	*	06	+3	E	2	*	c	2	-	-	77	61				
SOUTHERN STATIONS.																					
Corunna ...	1010.3	66	NNE	4	bc	1013.5	0	61	+2	SW	1	-	o	1	-	68	57	Aberdeen 12 ¹¹			
Madrid ...	1006.9	81	W	1	c	1013.2	+3	64	0	WSW	1	SW	bc	*	-	84	57	18h. Gust NW 18 m.			
Lisbon ...	1011.4	64	WNW	4	c	1013.7	?	61	+4	SW	1	-	c	2	-	72	59	Spurn Head 15 ¹¹			
Azores ...	1010.0	*	-	0	r	1005.3	0	58	-3	WSW	6	*	r	4	3	66	59	7h Squalls N.E. 8.			
Madeira ...	1015.1	70	N	1	o	1015.4	0	63	+2	NW	1	-	b	1	-	70	61				
Gibraltar ...	1013.2	67	SE	2	bc	1014.2	*	66	0	NW	2	*	o	1	-	74	62				
Malta ...	*	*	*	*	*	1010.1	+3	88	+13	SSW	2	W	c	1	-	90	75				
Limassol ...	*	*	*	*	*	1005.2	+2	88	+7	-	0	-	b	0	-	97	64				
Alexandria ...	1007.1	75	N	2	b	1007.7	+1	79	+2	-	0	-	bc	0	-	84	72				
Cairo (Helwan) ...	1004.7	90	N	4	b	1006.4	+2	81	-3	-	0	-	b	*	-	101	70				
YESTERDAY'S REPORTS																					
13 ¹¹ 20 h. G.M.T.																					
Venice ...	1009.2	70	SSW	1	b	1008.6	*	64	0	WSW	1	-	m	4	-	75	57				
Turin ...	1006.3	63	-	0	c	1009.4	*	61	+4	-	0	-	o	*	-	66	55				
Pesaro ...	1010.0	68	-	0	b	1009.5	*	68	0	SW	2	-	b	3	-	82	59				
Leghorn ...	1013.5	64	W	2	b	1011.6	*	64	0	-	0	SW	c	3	-	70	59				
Rome ...	1012.2	66	-	0	o	1012.0	*	63	-7	-	0	-	o	*	-	77	57				
Viesti ...	1011.0	70	-	0	bc	1009.6	*	73	+7	W	1	W	b	2	-	77	68				
Brindisi ...	1011.3	84	SSE	2	bc	1010.6	*	81	+9	-	0	-	bc	2	-	86	68				
Cagliari ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
Palermo ...	1011.6	72	-	0	b	1011.6	*	72	-3	-	0	-	f	1	-	81	63				
Tripoli ...	1006.6	79	-	0	bc	1006.6	*	97	+13	S	1	-	m	1	-	97	72				
Algiers ...	1009.9	66	NNE	4	f	1010.9	+2	66	0	NNE	3	-	f	4	-	72	64				

* 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.



- | | | | |
|----|---|--|---|
| 0 | a | } cold. | Moderate or fresh North-Easterly winds; cloudy; |
| 1 | b | | |
| 2 | a | | |
| 3 | b | } Fresh Northerly winds; cloudy, showery; cold. | |
| 4 | a | | |
| 5 | b | | |
| 6 | a | } Light or moderate Northerly or North-Westerly winds; dull, some showers; cold. | |
| 7 | b | | |
| 8 | a | | |
| 9 | b | } Light winds between North and East; fair; cold. | |
| 10 | a | | |
| 11 | b | | |

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

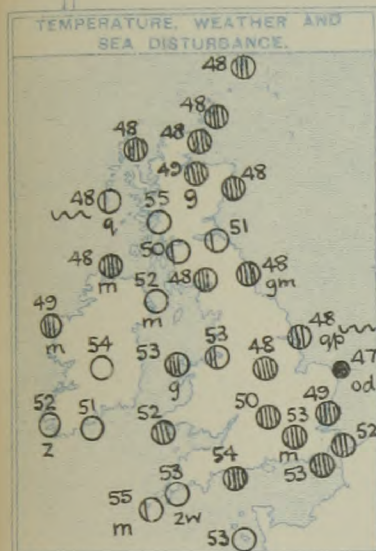
Light winds between East and South; smooth sea; cloudy.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR THE MORNING OF THURSDAY, 15TH JUNE, 1916.

GENERAL INFERENCE.

The depression to the eastward of Denmark is likely to remain in the same 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.

TEMPERATURE.—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

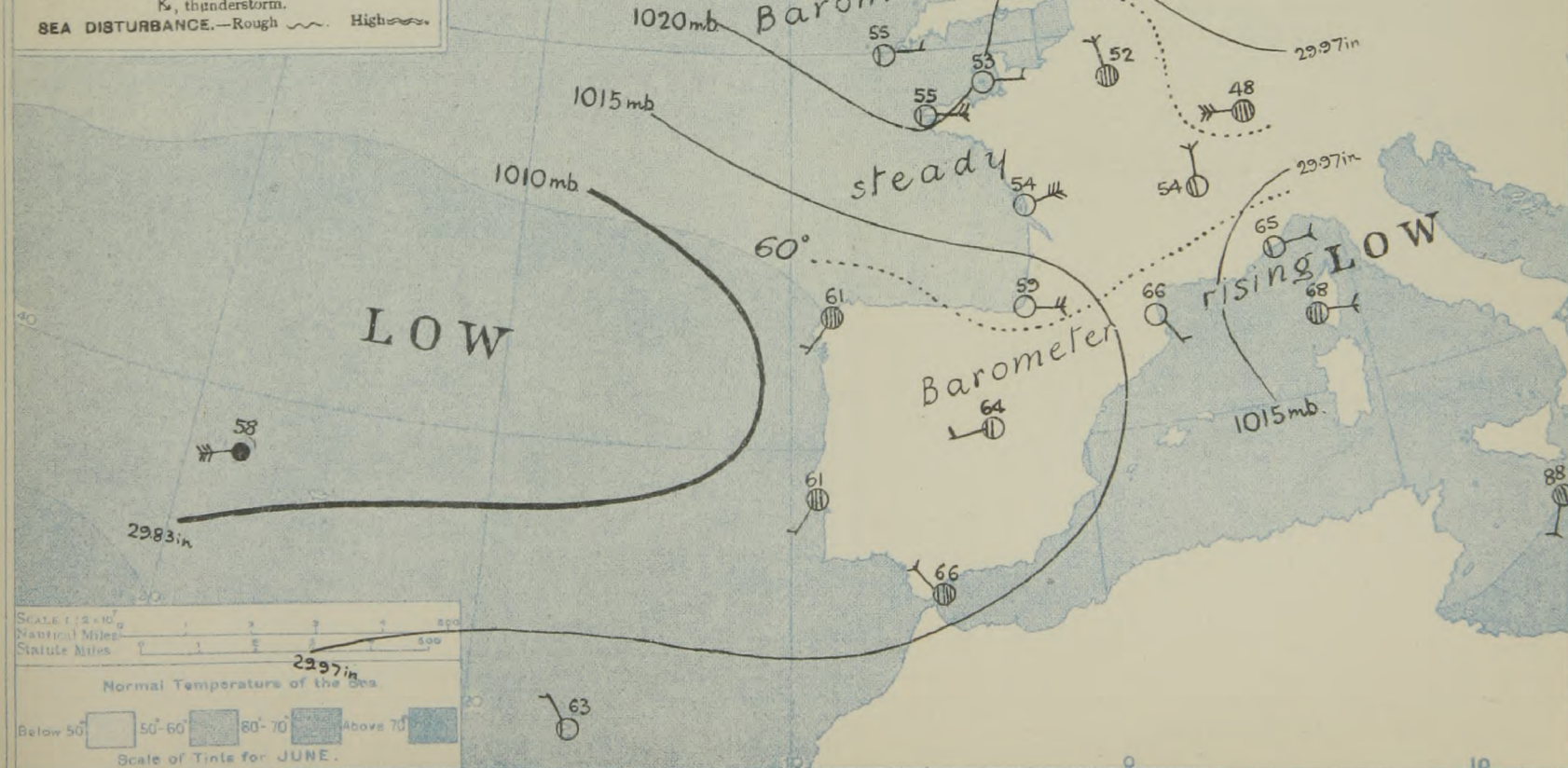
○ clear sky. ○ sky & clouded. ○ sky & clouded.

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

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

⚡, thunderstorm.

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



nches.
31

30

29

REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	13 th AT 9 P.M. LOCAL TIME					14 th AT 7 A.M. LOCAL TIME.										Rain-fall. Milli-metres.		TEMP. Max. Min	
	BAROM. Milli-bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-10.					
			Dirac.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12								
		F.					+	F.	F.										
Archangel ...	1004.0	61	W	3	r	1005.2	+4	48	-	W	5	*	0	?	1	*	46		
Gorki ...	1012.0	57	NW	1	b	1008.2	-5	57	+2	NW	2	*	0	*	-	*	43		
Veliki Luki ...	1013.2	61	-	0	b	1009.4	*	59	+4	SSE	2	*	0	*	-	*	42		
Hangö ...	1010.6	43	WNW	3	0	1008.0	-2	46	-2	WSW	2	*	0	?	5	*	41		
Riga ...	1010.7	57	ENE	1	c	1007.8	-1	55	-6	-	0	*	0	?	-	*	54		
Petrograd ...	1011.3	61	NW	2	b	1008.2	-2	59	+7	SSW	3	-	0	*	1	64	52		
Moscow ...	1013.9	55	-	0	b	1013.7	0	55	0	S	5	*	0	*	-	*	46		
Kiev ...												*		*		*			
Kharkov ...												*		*		*			
Kishinev ...												*		*		*			
Elisabetgrad ...												*		*		*			
Nicolaiev ...												*		*		*			
Odessa ...												*		*		*			
Tarkhankout ...												*		*		*			
Soukhom ...												*		*		*			

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY. UP TO 17h.

STATIONS.	Sun-shine for 13 th	Rainfall		TEMPERATURE		WEATHER		Sun-shine to 17 h.	STATIONS.	Sun-shine for 13 th	Rainfall		TEMPERATURE		WEATHER		Sun-shine to 17 h.
		Night. 17h-0h.	Day. 0h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-0h.	Day. 0h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	F.	F.			Hr.			Mm.	Mm.	F.	F.			Hr.
Scotland.									England, E.								
{ Oban ...	1.6	-	-	61	38	b.	bc	9.7	{ Lowestoft ...	1.2	0.2	-	52	49	c.0	0	0.7
{ Banff ...	1.3	-	-	54	45	bc.c	c.0	0.3	{ Felixstowe ...	1.3	1	-	55	46	0.0c	bc.0	2.4
{ Carnoustie ...	6.8	*	*	58	51	b.	bc.0p	7.6	{ Walton-on-Naze ...	1.7	1	-	55	46	c.bc	bc.c	3.5
{ St. Andrews ...	5.3	-	-	61	35	b.	bc.c	4.9	{ Southend-on-Sea ...	1.4	-	-	56	46	0.	0.	0.4
Eng. N.E.									{ Margate ...	0.8	-	-	55	48	c	c.	1.0
{ Harrogate ...	0.0	-	-	55	41	0.c.bc	bc.c.0	3.1	{ Ramsgate ...	1.9	0.3	-	55	47	0.c	bc.0	3.9
{ Skegness ...	0.0	-	-	51	46	0g	0p8	0.1	{ Hastings ...	1.6	*	*	56	46	0p.c	bc	3.4
Eng. N.W.									{ Eastbourne ...	2.0	-	-	59	46	0	om.	1.4
{ Morecambe ...	2.7	-	-	62	46	-	-	11.3	{ Seaford ...	3.1	-	-	58	47	0	bc	2.6
{ Blackpool ...		-	-						{ Brighton ...	5.4	-	-	58	47	0.c	c.0	2.8
{ Southport ...	3.7	-	-	56	45	0.c.bc	bc.bc	7.7	{ Worthing ...	6.0	-	0.3	57	47	c.0	c	2.6
Midlands.									{ Littlehampton ...				58	47	0	bc	4.5
{ Buxton ...	0.0	-	-	58	41	bc	bc	5.0	{ Bognor ...	7.6	*	*	58	47	0	bc	4.5
{ Leamington Spa ...	0.5	-	-	58	46	0	02	1.8	{ Bournemouth ...	6.6	*	*	60	48	0.c	c	6.2
{ Malvern ...		-	-	57	44	2	2.bc	1.3	England, S.E.								
{ Ross-on-Wye ...	0.5	-	-	59	45	0.	0.bc.b	1.3	{ Weymouth ...	7.5	*	*	62	47	02	02	5.3
Wales.									{ Torquay ...		-	-	61	45	bc.3	bc.3	10.0
{ Rhyl ...	2.6	-	-	55	40	c	c.bc	1.3	{ Paignton ...		-	-	62	46	bc	c.bc	7.5
{ Colwyn Bay ...	3.0	*	*	57	47	c.bc	b	7.8	{ Penzance ...	8.0	-	-	62	46	bc	c	6.7
{ Llandudno ...	6.8	-	-	56	47	g. b	b	8.0	{ Newquay ...	9.5	-	-	57	40	b	b	6.7
{ Aberystwyth ...	6.0	*	*	55	44	0.c.0	c.0	1.5	{ Bude ...				57	43	0.c.bc	bc	6.7
{ Tenby ...	8.8	-	-	61	51	-	-	2.4	{ Ilfracombe ...	8.7	*	*	58	46	0.c.b2	bc	5.2
									{ Weston-s-Mare ...	4.8	-	-	58	46	0.c.b2	bc	5.2

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun-shine for Yesterday.	TEMPERATURE.			Rain-fall.	WEATHER.			South Kensington.			
	15 h. Yester-day.	9 h. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore-noon.	After-noon.	Night.	Vertical Component of Solar Radiation per square Centimetre during Yesterday.	Total. 640 Joules.	Average Rate. 10.8 Milliwatts.	Max. Rate. 26 Milliwatts.
	%	%	Hr.	F.	F.	F.	mm.				Hours of Observation G.M.T.			
Greenwich (Royal Obs.) ...	76	82	0.0	54	46	37	-	0	0	0.c.0	Morning.		Evening.	
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*	h.		h.	
Westminster (St. James's Pk.) ...	73	76	0.0	54	47	43	-	0	0	0.c.0	British Isles ...		Corunna ...	
Camden Sq. (Brit. Rainfall) ...	70	75	0.0	55	48	45	-	0	0	*	France ...		Madrid ...	
Hampstead (Reservoir) ...	*	84	0.0	52	44	38	-	0	0	0	Norway ...		Lisbon ...	
S. Kensington (Museum Grounds) ...	*	75	0.0	54	48	40	-	0	0	0	Denmark ...		Azores ...	
Richmond Park ...	*	*	0.0	*	*	*	Trace	0	0	0	Holland ...		Madeira ...	
Kew. (See front page.) ...	*	*	0.2	*	*	*	*	*	*	*	Italy ...		Malta ...	
(Greenwich and Camden Square air temperatures are in Glaisher screens.)											Egypt ...		Limassol ...	

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

15 th 16 th June, 1916.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.31	11.53	8.15
Greenwich ...	3.44	12.0	8.16
Wick ...	3.7	12.12	9.17
Valencia ...	4.22	12.41	9.0

NOTES ON YESTERDAY'S WEATHER.

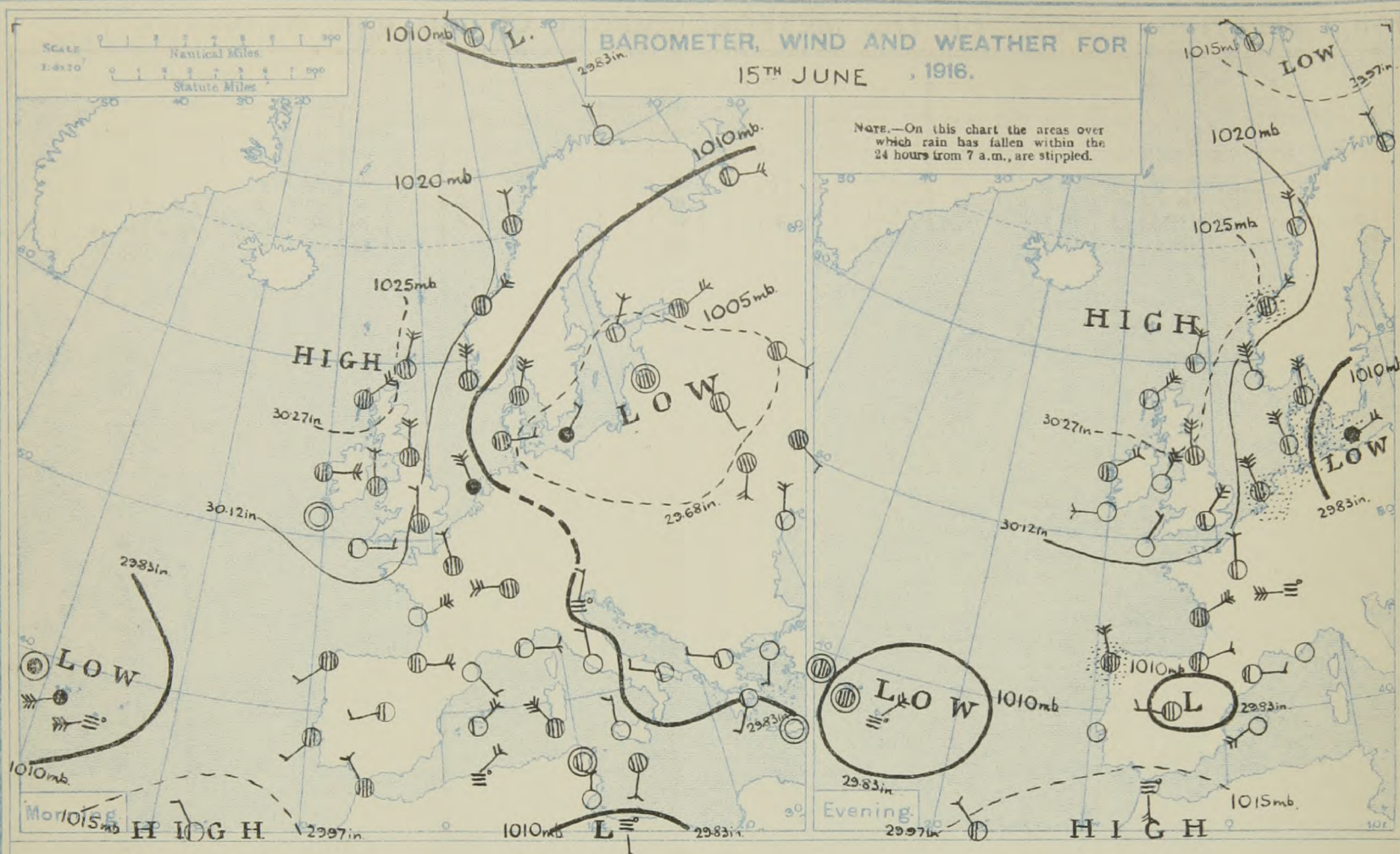
Slight rain fell on the east coast of England.
Sunshine exceeded 13 hours at a few stations in the
north-west. In the south-east the weather was dull
and cold.

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-baze, or smoke.

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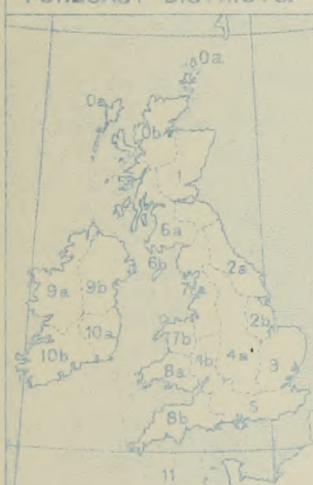
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No.168. Friday, 16th June.

STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS.							Sun- shine for Yester- day.			
	Barom. Milli- bars at M.S.L.	WIND.			Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud	Weather.	Sea 0-9	Rain- fall. Milli- metres.	TEMP.		WEATHER.								
		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.	Morning.	Afternoon	Night.						
BRITISH ISLANDS.																										
Lerwick	1021.2	47	NNE	4	bc	1028.7	0	47	-1	N	2	-	bc	2	-	49	43	c	bc	bc	*					
Deerness (Orkney)	1021.7	49	N	1	b	1029.4	*	46	-2	N	3	-	o	3	-	52	42	o	c bc	b bc	6.8					
Stornoway	1028.6	52	NE	5	b39	1030.7	+1	48	0	NE	4	-	oq	4	-	54	45	o c	b39	bc oq	7.6					
Castlebay (Barra Isd.)	1026.4	55	NNE	5	bq	1029.6	+2	46	-4	ENE	3	-	b	3	-	54	47	bq	bq	bq b	14.8					
Glasgow	1025.1	58	E	3	b2	1030.2	+3	46	-4	ENE	2	NE	c	*	-	64	40	b	b	b c	15.6					
Eskdalemuir	1025.6	52	NE	4	b2	1029.8	+2	44	-4	NE	4	-	bc	*	-	57	38	c o c	bc b	b bc	13.7					
Malin Head	1024.7	55	NE	3	b2	1027.6	+2	54	+6	SE	2	-	b2	2	-	57	48	b2	b2	bm	12.0					
Blacksod Point	1023.0	57	ENE	3	bc	1026.3	+2	56	+7	SE	1	-	b2	2	-	54	48	bc	bc	bc	*					
Valencia	1021.2	59	W	2	b	1022.1	0	58	+6	ENE	3	SE	b2	2	-	59	48	b2	b2	b2 b2	14.5					
Roche's Point	1024.1	58	S	1	b	1024.4	*	54	+3	E	3	-	b	3	-	60	48	b	b2	b2	*					
Birr Castle	1021.6	64	NNE	1	c	1027.3	*	52	-2	NE	2	-	b	*	-	68	44	bc	b2	b	15.0					
Donaghadee	1024.7	56	SE	3	bm	1029.2	+2	48	-4	ESE	4	-	b	3	-	57	45	bm	bm	bm	*					
Liverpool (Bidston)	1022.5	60	NNE	2	b	1027.7	+2	46	-6	ENE	2	N	bc	2	-	63	42	c bc	b	bc	10.1					
Holyhead	1022.7	57	NE	5	b2	1026.8	+1	47	-6	E	6	-	bm	5	-	60	45	c o bc b	b2 bm	bm	10.4					
Pembroke (St Ann's)	1021.2	60	N	2	b	1026.2	+2	48	-4	E	4	-	b2	2	-	59	46	b	b	b2	12.2					
Scilly (St. Mary's)	1021.2	57	NE	1	bm	1021.3	0	54	-1	ESE	6	E	cq	5	-	63	52	bm	bm	b bcq	12.8					
Falmouth	1020.4	61	N	3	oq	1023.2	+2	52	-1	ENE	4	SE	c	*	-	68	51	b2	b bc o	b2	9.9					
Jersey (St. Aubin)	1019.6	63	NE	3	b	1021.6	*	52	-1	NE	5	NE	bc	3	-	66	50	v. cm	b	b bc	11.5					
Portland Bill	1020.0	59	NNE	1	bm	1023.8	+1	47	-7	ENE	2	N	c	4	-	61	45	cm	bm	b bc c	*					
Dungeness	1020.1	56	NNE	3	c	1023.6	+2	49	-4	NNE	4	-	o	3	-	58	46	o bc	bc	bc o	*					
Dover	1020.4	55	N	5	bc	1024.1	+2	50	-2	N	4	N	o	3	-	59	45	c	c bc c	c o	4.7					
Wick	1028.2	48	NE	3	bc	1030.1	+1	46	-2	N	2	-	o	2	-	51	44	oq c	c bc	bc o	*					
Nairn	1027.4	52	ENE	3	bc	1030.3	*	47	-2	-	0	-	oq	1	-	55	45	o c q bc	bc	bc c	6.9					
Aberdeen	1027.2	49	N	4	bc	1029.9	+1	47	-1	N	3	-	8	3	-	54	45	o c	c o bc	bc c	5.5					
Leith	1025.8	54	E	2	b	1030.0	+2	48	-3	E	2	E	c	3	-	58	40	b	b	b bc c	*					
Tynemouth	1025.2	49	N	5	cq	1028.8	+2	47	-1	NE	4	-	o	5	-	51	45	cm	cq	o	*					
Spurn Head	1022.8	50	N	7	cq	1025.3	+1	48	0	NE	6	-	cq	6	-	52	45	cq	cq	cq	6.7					
Yarmouth	1020.6	51	N	6	c	1025.0	+2	51	+4	NE	4	-	c	3	-	53	46	oq	cq	cq c	1.4					
Clacton-on-Sea	1021.0	54	NNW	4	bc	1024.9	+2	48	-1	N	3	NE	o	2	-	58	45	g c	c bc	bc c o	6.1					
Nottingham	1023.2	55	NNE	4	b	1027.3	*	47	-1	NE	3	NE	c	*	-	59	43	o c	c b	bc	7.9					
Benson (Oxon.)	1021.5	60	NNE	3	b	1026.1	+1	46	-4	NE	3	-	o	*	-	61	42	c	b	b o	*					
Sth Farnborough	1020.6	59	NE	3	b	1025.1	+2	46	-6	ENE	3	-	o	*	-	61	43	o bc abc	b	b o	8.1					
London (Kew Obsy.)	1021.6	59	NE	4	bc	1026.8	+2	47	+6	NE	3	-	o	*	-	60	45	om o	o c bc	bcv o	6.3					
NORTHERN EUROPE.																										
Spitsbergen	1012.4	36	NW	1	bc	1013.3	+3	32	-2	WNW	5	*	b	*	*	39	25	UPPER AIR South Farnborough. Pilot Balloon Ascent at 6 h. 33 m. Wind at: 600m NNE 2 mps 300m NE 7 " Surface NE 5 "								
Vardö	1018.1	41	N	2	bc	1018.9	+3	41	-2	NW	2	-	o	3	-	43	36									
Bodö	1021.6	45	N	4	bc	1022.1	0	46	+1	N	2	-	bc	1	-	46	39									
Christiansund	1024.3	46	NE	2	c	1024.2	0	45	+2	WNW	2	-	c	3	-	50	37									
Skudesnaes	1017.0	54	NNW	7	b	1019.9	0	48	-4	N	6	-	b	2	-	55	41									
Copenhagen	1005.7	55	NNE	6	c	1014.0	+4	50	-2	NNE	6	-	b	*	Trace	57	46	RAINFALL Equivalents of Millimetres in Inches.								
The Scaw (Skagen)	1010.9	54	N	5	c	1018.0	+3	50	0	NNE	4	N	c	4	Trace	57	46									
Blaavands Huk	1011.4	57	NNW	5	bc	1023.4	+5	52	+2	NNW	5	E	bc	3	Trace	50	43									
The Helder	1015.3	52	NNW	6	c	1022.0	+5	52	+2	NNE	3	-	b	3	1	54	50									
C. Gris Nez	1019.5	53	NE	2	m	1023.4	*	52	-2	ENE	3	*	o	2	-	61	52									
FRANCE, &c.																										
La Hève	1018.9	64	NNE	4	m	1023.9	0	54	-1	E	4	*	c	3	-	68	50	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								
Brest (St. Mathieu)	1018.9	64	NNE	4	m	1023.9	0	54	-1	E	4	*	c	3	-	68	50									
Roche fort (De d'Aix)	1013.6	70	ENE	5	o	1015.1	0	67	+3	ENE	5	*	c	*	-	79	54									
Biarritz	1010.9	75	ENE	2	c	1011.7	0	66	+7	ESE	1	*	o	1	-	79	61									
Paris	1018.9	59	NNE	2	c	1022.3	+1	50	-2	NE	2	-	o	*	-	61	48									
Belfort	1018.4	54	W	6	m	1019.4	*	50	+2	-	0	*	m	*	-	61	44									
Lyons	1016.7	66	NNE	3	b	?	*	53	-1	?	2	*	b	*	-	70	50									
Nice																										
Perpignan	1013.5	70	E	1	bc	1015.0	0	68	+2	-	0	-	c	*	Trace	75	55									
Sanguinaire	*	77	W	2	m	*	*	68	0	E	2	-	b	2	-	77	59									
SOUTHERN STATIONS.																										
Corunna	1014.3	61	NNW	4	o	1007.9	-5	61	0	S	5	-	r	2	9	63	59									
Madrid	1009.9	79	W	1	c	1014.4	+2	66	+2	-	0	-	o	*	-	81	59									
Lisbon																										
Azores	1009.6	*	-	0	o	1016.6	+3	61	+3	-	0	*	c	2	6	68	57									
Madeira	1015.5	70	NW	2	bc	1016.6	+1	66	+3	NW	1	-	o	1	-	70	63									
Gibraltar	1015.2	65	S	3	m	1015.6	*	63	-3	-	0	*	m	1	-	73	60									
Malta	*	*	*	*	*	1015.9	+4	75	-13	NNW	3	-	b	2	-	91	72									
Limassol	*	*	*	*	*	1007.3	+2	84	-4	SSW	2	-	b	1	-	95	64									
Alexandria	1007.9	77	N	1	b	1010.4	+3	81	+2	N	2	-	b	1	-	86	73									
Cairo (Helwan)	1006.3	91	N	1	b	1008.6	+2	84	+3	N	2	-	b	*	-	104	72									
YESTERDAY'S REPORTS																										
14th June, 20 h. G.M.T.																										
15th June, 7 h. G.M.T.																										
MEDITERRANEAN.																										
Venice	1006.6	68	SSW	2	b	1009.0	*	63	-1	NNE	1	-	m	4	-	75	57									
Turin	1007.3	66	-	0	b	1010.7	*	60	-1	-	0	-	b	*	-	74	45									
Pesaro	1007.7	68	-	0	bc	1010.4	*	68	0	W	3	-	bc	5	-	79	61									
Leghorn	1009.2	66	-	0	b	1010.4	*	64	0	-	0	NW	bc	3	-	73	59									
Rome	1009.4	70	-	0	b	1011.1	*	66	+3	N	1	-	b	*	-	82	57									
Viesti	1008.2	72	-	0	bc	1009.2	*	73	0	W	1	-	b	3	-	77	59									
Brindisi	1008.1	75	SW	1	c	1009.4	*	72	-9	NW	1	-	b	3	-	75	72									
Cagliari	1008.1	81	SE	3	b	1012.9	*	72	*	NW	5	-	o	4	-	79	54									
Palermo	1007.6	75	-	0	b	1012.2	*	77	+5	-	0	-	b	1	-	82	61									
Tripoli	1006.2	86	-	0	b	1006.6	*	?	?	S																



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.

None issued.

Western Channel and Bay 11

- | | | | |
|----|---|---|--|
| 0 | a | } | Moderate Northerly winds, backing Westerly; fair; normal temperature. |
| 1 | b | | |
| 2 | a | } | Moderate North-Easterly winds, dropping light; fair; becoming milder. |
| 3 | b | | |
| 4 | a | } | Moderate or fresh Easterly winds, veering South-Easterly; fair; continuing rather cold. |
| 5 | b | | |
| 6 | a | } | Moderate Southerly winds; fair; normal temperature. |
| 7 | b | | |
| 8 | a | } | Moderate or fresh South-Easterly or Easterly winds; increasing; fair; less settled later; rather cold. |
| 9 | b | | |
| 10 | a | } | Fresh or strong Southerly or South-easterly winds rather rough sea; some rain. |
| | b | | |

FURTHER OUTLOOK.

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

NAPIER SHAW, Director

Millibars

1050

1040

1030

1020

1010

1000

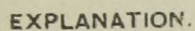
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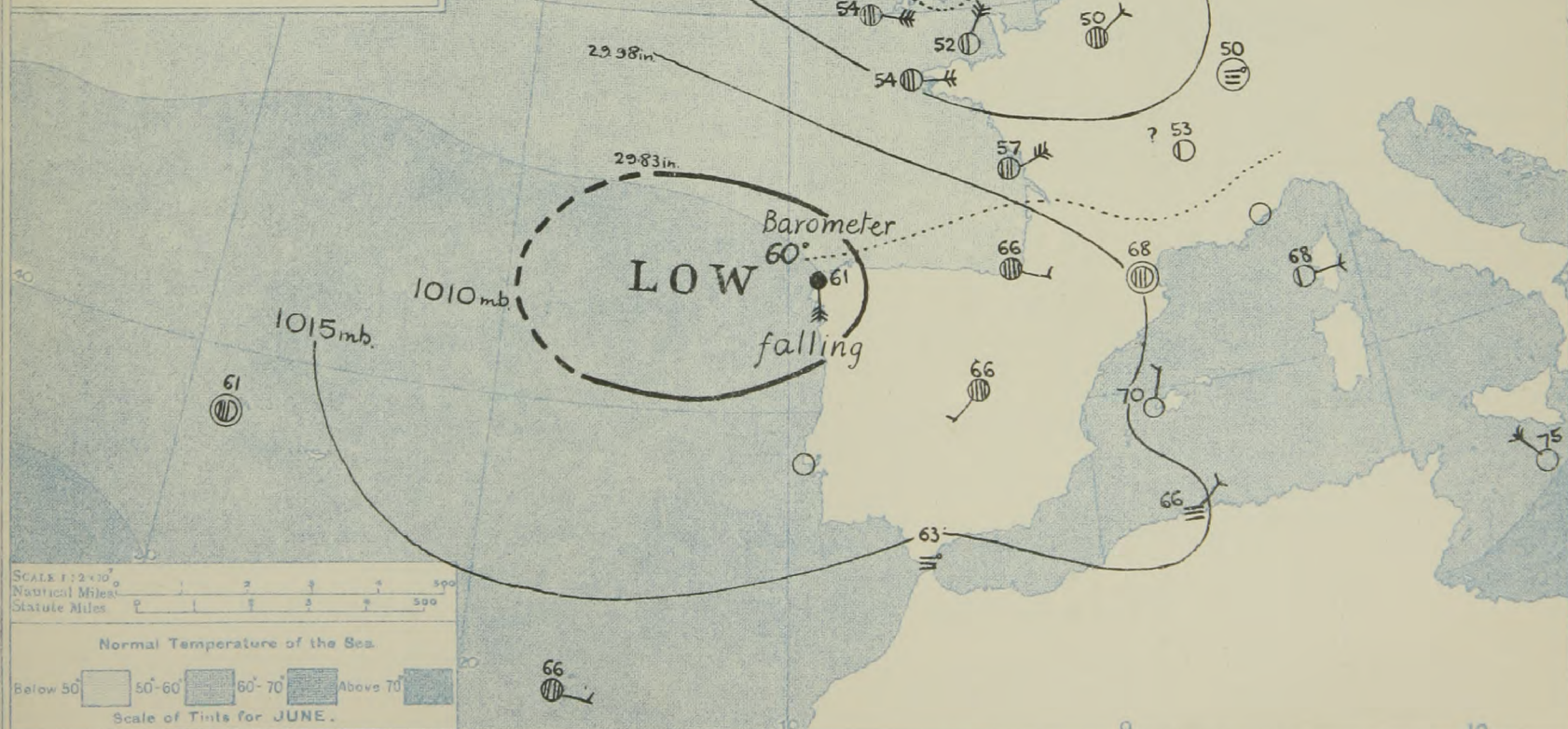
970

GENERAL INFERENCE.

TEMPERATURE, WEATHER AND
SEA DISTURBANCE.



SEA DISTURBANCE.—Rough High .



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	14 th AT 9 P.M. LOCAL TIME					15 th AT 7 A.M. LOCAL TIME.										Rain-fall. Milli-metres.	TEMP.	
	BAROM. Milli-bars at M.S.L.	TEMP. F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Dir.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours.	Dry Bulb. F.	Change in 24 hours. F.	Dir.	Force 0-12.							
Archangel ...	1008.8	46	ENE	4	r													
Gorki ...	1003.1	57	NW	1	0	1001.1	0	57	0	SSE	1	*	C	*	2	50		
Veliki Luki ...	1005.9	55	-	0	r	1002.1	*	55	-4	-	0	*	r	*	4	55		
Hangö ...	1007.0	48	WSW	2	b	1004.6	0	48	+2	NNE	2	*	bc	?	-	41		
Riga ...	1003.7	57	-	0	0	1000.2	+2	55	0	-	0	*	0	?	26	55		
Petrograd ...	1007.0	52	WNW	2	c	1005.1	-1	52	-7	ENE	3	-	0	*	6	50		
Moscow ...	1007.0	61	SE	1	bc	1005.0	-1	61	+6	SE	2	*	c	*	-	50		
Kiev ...	1011.7	64	SE	1	r	1005.4	-3	59	-2	SSW	3	*	0	*	5	55		
Kharkov ...	1015.0	61	E	2	b	1012.6	-2	59	-5	SE	1	*	0	*	-	50		
Kishinev ...	1010.3	66	SE	2	bc	1011.0	+1	63	-1	N	3	*	b	*	3	57		
Elisabetgrad ...	1013.3	63	ESE	2	bc	1008.0	-3	63	0	S	2	*	c	*	-	41		
Nicolaiev ...	1011.9	73	ESE	3	c	1008.7	*	70	+4	WSW	2	*	bc	?	-	64		
Odessa ...	1012.2	70	S	2	0	1009.9	+2	68	-2	NNE	3	*	b	?	1	64		
Tarkhankout ...	1012.6	70	SE	1	bc	1010.6	?	70	0	S	3	*	bc	0	-	68		
Soukhoum ...												*						

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun-shine for 14 th	Rainfall		TEMPERATURE.		WEATHER.		Sun-shine to 17h.	STATIONS.	Sun-shine for 14 th	Rainfall		TEMPERATURE.		WEATHER.		Sun-shine to 17h.
		Night. 12h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 12h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	F.	F.						Mm.	Mm.	F.	F.			
Scotland.									England, E.								
(Oban ...)	12.1	-	-	66	47	-	-	12.3	(Lowestoft ...)	0.7	1	-	53	46	c. op. c	0	2.1
(Banff ...)	0.3	-	-	53	46	bc	bc	3.8	(Felixstowe ...)	2.4	0.3	-	58	46	o. c	bc	5.0
(Carnoustie ...)	7.6	*	*	60	51	bc	bc	11.1	(Walton-on-Naze ...)	3.5	0.4	-	56	47	c. bc	bc	5.5
(St. Andrews ...)	4.9	-	-	?	46	b	b	9.1	(Southend-on-Sea ...)	0.4	-	-	59	48	o.	bc	3.4
Eng. N.W.									England, S.E.								
(Hatfield ...)	3.1	1	-	53	43	o. c	o. bc	5.3	(Margate ...)	1.0	0.2	-	55	49	c	bc	2.7
(Skegness ...)	0.1	0.2	-	52	45	o. c	o. c	5.6	(Ramsgate ...)	3.9	1	-	56	48	o.	o. c	3.7
									(Hastings ...)	3.4	*	*	59	47	o. c	b. bc	4.8
									(Eastbourne ...)	1.4	-	-	60	48	b.	bc	6.7
Eng. N.W.									(Seaford ...)	2.6	-	-	61	46	bc	b	6.9
(Morecambe ...)	12.1	-	-	64	51	-	-	12.2	(Brighton ...)	3.1	-	-	61	49	o. c	c. bc	6.2
(Blackpool ...)		-	-	64	51	bc	bc. b	10.5	(Worthing ...)	3.0	-	-	59	46	c	bc	6.4
(Southport ...)	8.8	-	-	64	51	bc	bc. b	10.5	(Littlehampton ...)	-	-	-	60	45	o.	b	6.5
									(Bognor ...)	-	-	-	60	45	o.	b	6.5
Midlands.									(Bournemouth ...)	6.2	*	*	66	46	o. c	bc. b	5.0
(Buxton ...)	5.0	-	-	57	46	bc	bc	8.0	(Weymouth ...)	5.3	*	*	71	48	o. c	bc. c	2.1
(Leamington Spa ...)	2.3	-	-	62	49	o.	bc	6.5	(Torquay ...)	11.3	-	-	66	47	o. c	c. bc	4.1
(Malvern ...)	1.5	-	-	61	51	z	bc	5.2	(Paignton ...)	-	-	-	67	45	b. bc	bc	11.0
(Ross-on-Wye ...)	2.0	-	-	63	48	z. c. bc	bc. b	5.5	(Penzance ...)	-	-	-	67	45	b. bc	bc	11.0
									(Newquay ...)	8.8	-	-	58	40	b	b	8.3
Wales.									(Bude ...)	-	-	-	62	39	o.	c. bc	6.8
(Rhyl ...)	8.8	-	-	61	48	o. bc. b	b	7.2	(Ilfracombe ...)	-	-	-	60	44	z. bc. b	bz	5.0
(Colwyn Bay ...)	7.8	*	*	60	50	bc	bc. o	8.6	(Weston-s-Mare ...)	5.6	-	-	67	47	o. bc. b	bz	5.5
(Llandudno ...)	8.0	*	*	59	51	o.	b.	9.7									
(Aberystwyth ...)	-	*	*	60	46	o. c	c. b	6.5									
(Tenby ...)	3.8	-	-	70	42	-	-	9.2									

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 1607 fohes.	Average Rate. 27.0 Milliwatts.	Max. Rate. 85 Milliwatts	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.						
				Max.	Min.											
	%	%	Hr.	F.	F.	F.	mm.									
Greenwich (Royal Obsy.) ...	60	70	5.5	61	44	45	-	0	o. bc	bc. o						
City (Bunhill Row) ...	*	*	5.9	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	59	73	6.5	62	46	42	-	0. bc	bc	bc. o						
Camden Sq. (Brit. Rainfall)	57	65	5.5	65	45	43	-	o. o	c. b	-						
Hampstead (Reservoir) ...	*	73	6.5	58	41	40	-	bc	c. o	o						
S. Kensington (Museum Grounds)	*	67	6.7	62	46	40	-	0	o	bc						
Richmond Park ...	*	*	6.6	*	*	*	*	*	*	*						
Kew. (See front page.)	*	*	6.3	*	*	*	*	*	*	*						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																

Hours of Observation G.M.T.					
	Morning.	Evening.		Morning.	Evening.
	h.	h.		h.	h.
British Isles ...	7	18	Corunna ...	7	16
France ...	7	18	Madrid ...	8	16
Norway ...	7	18	Lisbon ...	7	21
Denmark ...	6	18	Azores ...	8	17
Holland ...	6	17	Madeira ...	7	21
Italy ...	7	20	Malta ...	8	—
Egypt ...	6	18	Limassol...	6	—

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

16 th June 1916.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.31	G.M.T. 11.53	G.M.T. 8.15
Greenwich ...	3.34	12.0	8.16
Wick ...	3.7	12.12	8.18
Valencia ...	4.22	12.41	9.0

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.

NOTES ON YESTERDAY'S WEATHER.

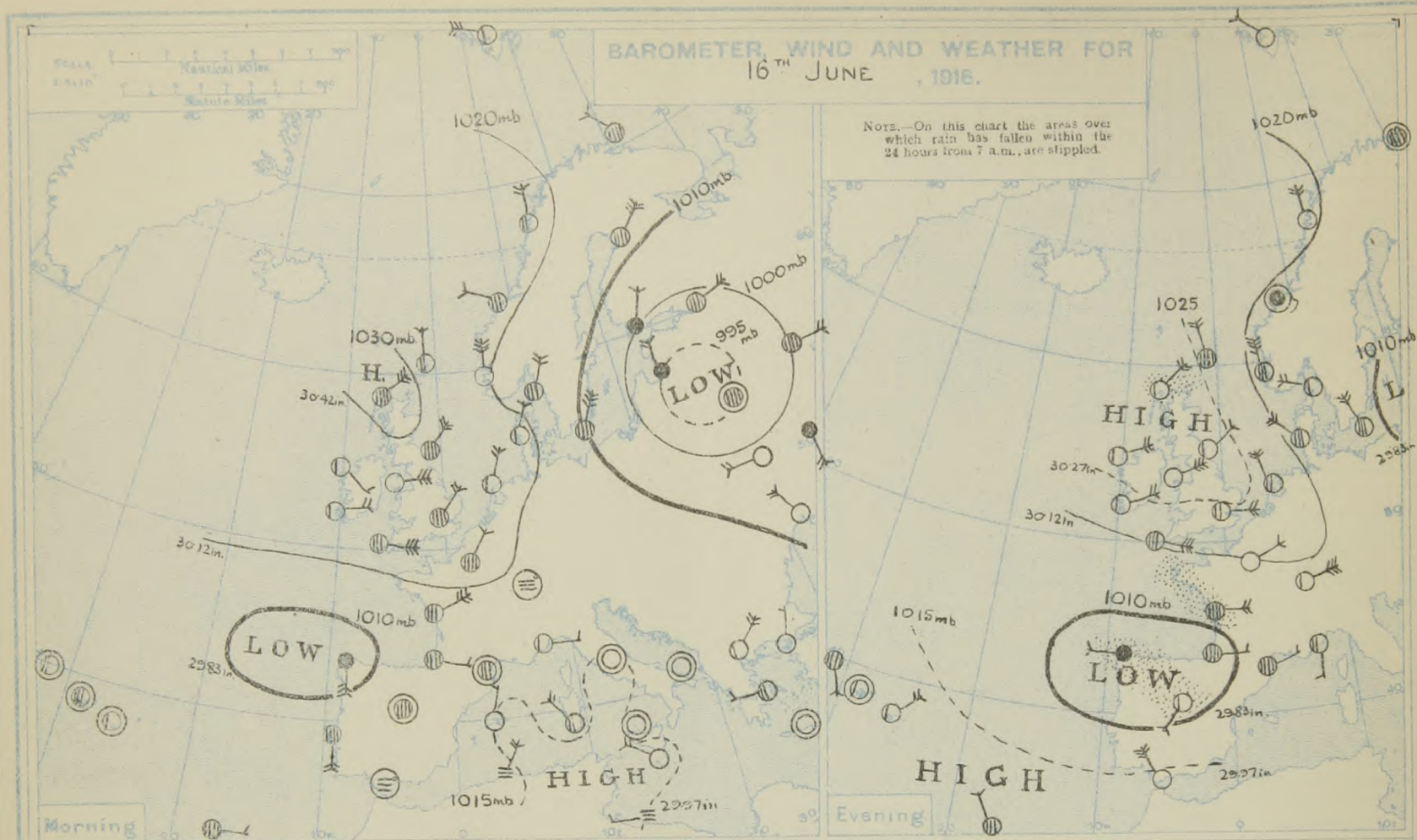
No rain was reported from any British station. The day was bright in the north-west, and the sky cleared during the afternoon in the rest of the country. Temperature remained rather low.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 169.

Saturday
17th June

STATIONS	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS.					Sun shine for Yester- day Hours.	
	Barom. Milli- bars at M.S.L.	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.				
		Temp.	Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon	Night.		
BRITISH ISLANDS.	Lerwick	1024.7	50	NNW	4	om	1023.4	0	45	-2	NNE	3	-	0	3	-	51	43	bc.0	om	0	*
	Deerness (Orkney)	1026.7	50	WNW	3	opd	1024.0	0	46	0	NNW	4	-	odp	3	Trace	52	46	0	opd	od	0.1
	Stornoway	1029.7	55	NE	4	b	1027.0	-1	50	+2	NW	3	-	odp	3	0.2	55	47	c.b	b	b. odp	10.0
	Castlebay (Barra Isd.)	1029.1	56	N	4	b	1028.0	-1	50	-	NW	3	N	c	2	-	58	47	bc	c.b	c.b.c.s	14.7
	Glasgow	1026.9	61	E	2	b	1024.7	-2	52	+6	W	2	-	bz	*	-	64	43	c.bc.bz	b	bm	12.0
	Eskdalemuir	1027.1	57	ENE	2	b	1024.8	-2	49	+5	SE	1	-	b	*	-	58	34	b.c.v	br	b	14.5
	Malin Head	1027.7	54	NE	3	bz	1027.4	0	52	-2	NW	1	-	bm	1	-	57	47	bm	bz	bm	15.1
	Blacksod Point	1025.2	59	ENE	4	bz	1026.3	+1	54	-2	E	1	-	bz	2	-	66	47	bz	bz	bm	*
	Valencia	1021.2	66	ENE	3	b	1022.8	+1	56	-2	NE	3	-	bz	*	-	68	49	bz	bz	b.c.bz	15.6
	Roche's Point	1024.4	57	E	4	b	1024.0	0	54	0	ENE	3	-	b	3	-	57	49	bz	bz	bz	*
	Birr Castle	1024.7	61	NE	3	b	1026.0	0	51	-1	E	1	-	b	*	-	62	44	b	b	b	15.0
	Donaghadee	1027.6	55	SE	1	bz	1026.1	-1	53	+5	NNW	1	-	bm	0	-	56	48	bm	bz	bm	*
	Liverpool (Bidston)	1025.6	58	ENE	3	m	1025.6	-1	48	+2	RSE	1	-	b	1	-	60	42	b	m	b	9.6
	Holyhead	1025.4	54	ENE	6	bm	1024.9	0	52	+5	E	4	-	bm	3	-	56	47	bm	bm	bm	13.0
	Pembroke (St. Ann's)	1023.2	57	ESE	3	b	1023.4	0	49	+1	E	3	-	b	2	-	58	45	bz	b	b	13.4
	Scilly (St. Mary's)	1020.1	52	ESE	6	cg	1018.9	0	53	-1	ESE	6	E	cmg	6	-	54	50	cg	cg	cg. cmg	7.5
	Falmouth	1021.2	54	ENE	3	b	1020.4	0	51	-1	NE	4	-	c	*	-	56	49	cg	bcg. bc	b. bcg	6.1
	Jersey (St. Aubin)	1018.9	58	ENE	6	c	1018.3	0	54	+2	E	5	-	o	4	-	61	52	bc.b	bc	c.o	8.7
	Portland Bill	1021.6	54	E	6	b	1021.6	0	50	+3	ENE	5	E	bc	4	-	55	46	c. bc	b	bc	*
	Dunegness	1023.0	54	NNE	5	bc	1023.0	0	53	+4	E	3	NE	bc	3	-	53	48	bc	bc	bc. b. bc	*
	Dover	1024.1	52	NNE	5	b	1023.2	0	53	+3	NE	4	NE	bc	3	-	58	45	a. c. b	b	b. bc	8.2
NORTHERN EUROPE.	Wick	1027.5	50	NW	4	o	1024.3	0	47	+1	WNW	4	NW	c	3	0.4	53	45	om	o	om. b. c	*
	Nairn	1027.9	58	-	0	b	1025.5	0	50	+3	-	0	-	c	0	-	58	41	a. c. bc	bc	b. bcw	9.3
	Aberdeen	1027.7	57	NNW	2	b	1024.2	-1	50	+3	NNW	2	-	o	2	-	57	47	o	o. c. b	b. bc. o	6.5
	Leith	1028.2	53	E	2	b	1024.5	-2	50	+2	NW	1	-	b	1	-	55	43	b	b	b. bm. b	*
	Tynemouth	1028.8	49	NE	2	b	1025.1	-1	50	+3	-	0	-	bm	3	-	51	40	cg	b	bm	*
	Spurn Head	1027.8	49	NE	4	o	1025.2	-1	46	-2	N	2	-	o	4	-	53	43	bcg	cg	cg. c	4.6
	Yarmouth	1026.4	52	NNE	5	bc	1024.2	0	48	+3	NE	3	-	c	3	-	56	46	c. bc	bc	bc. c	10.2
	Clacton-on-Sea	1025.1	54	E	4	b	1023.9	0	48	0	N	3	NE	o	2	-	56	41	a. c. bc	bc. b	bc. o	11.1
	Nottingham	1026.4	52	E	3	b	1025.5	0	47	0	NE	1	E	b	*	-	58	36	c. bc	bc. b	b	7.7
	Benson (Oxon.)	1024.2	58	NE	4	c	1024.5	0	47	+1	NE	3	-	b	*	-	62	35	c	bc	b	*
FRANCE, &c.	Sth Farnborough	1023.0	60	E	3	b	1023.1	0	48	+2	ENE	1	W	bz	*	-	63	40	o. bcg	bcg. b	b. bc. bz	9.4
	London (Kew Obs.)	1024.2	58	ESE	4	bc	1024.1	0	48	+1	ENE	3	E	bm	*	-	61	40	o. bc	bc. c. bc	bc. bc. bm	6.2
	Spitsbergen	1014.3	34	NW	2	b	1014.9	0	37	+5	-	0	*	b	*	*	37	28	UPPER AIR.			
	Vardö	1020.0	41	-	0	o	1016.8	-3	43	+2	N	2	-	o	2	*	43	36	South Farnborough.			
	Bodö	1020.6	45	N	4	b	1017.3	-1	45	-1	N	2	-	b	2	-	45	37	Pilot Balloon Ascent at 6.24 ^m .			
	Christiansund	1018.9	41	-	0	r	1014.3	0	45	0	NW	2	-	c	3	Trace	48	39	Wind at			
	Skudesnaes	1018.6	48	NNW	7	c	1015.9	-1	46	-2	N	5	-	o	2	-	50	46	2,700 m. EbyN 8 m.p.s.			
	Copenhagen	1015.1	52	N	5	bc	1013.7	0	54	+4	WNW	3	-	b	*	-	55	46	2,400 ENE 10			
	The Scaur (Skagen)	1016.6	55	WNW	3	b	1014.0	-1	50	0	WNW	1	-	c	1	-	54	41	2,100 EbyN 14			
	Blaavands Huk	1019.5	52	NW	4	c	1016.3	-1	48	-4	NW	4	-	o	3	Trace	52	48	1,800 EbyN 13			
SOUTHERN STATIONS.	The Helder	1024.0	52	NNW	4	bc	1022.0	0	48	-4	NNW	3	-	o	2	-	55	48	1,500 EbyN 9			
	C. Gris Nez	1023.8	54	NE	6	b	1022.4	0	50	-	E	4	*	b	3	-	59	48	1,200 ENE 9			
	La Hève	1019.8	61	E	5	b	1019.5	0	50	-2	ENE	3	*	bc	2	-	63	46	900 ENE 9			
	Brest (St. Mathieu)	1015.9	59	ENE	4	o	1014.9	-1	52	-2	ENE	4	*	r	2	10	66	52	600 ENE 6			
	Rochefort (Ile d'Aix)	1012.3	66	E	4	o	1011.5	-3	55	-2	ENE	5	*	r	*	11	72	55	300 ENE 9			
	Biarritz	1008.0	75	E	1	o	1009.7	+2	64	-2	SW	4	*	o	1	-	84	64	Surface ENE 5			
	Paris	1019.7	61	NE	3	b	1019.1	0	54	+4	NE	2	W	b	*	-	64	46				
	Belfort	1019.5	59	ENE	6	b	1019.5	0	48	-2	E	4	*	c	0	-	62	42				
	Lyons	1016.4	64	N	2	o	1015.7	0	55	+2	N	1	*	o	0	-	72	52				
	Nice	1013.1	62	S	1	c	1014.7	+2	64	-	-	0	*	c	2	-	68	55				
MEDITERRANEAN.	Perpignan	1012.4	66	ENE	1	o	1011.7	0	61	-7	NW	2	SW	o	*	-	79	55				
	Sanguinaire	*	73	W	2	m	*	*	71	+3	E	1	*	b	1	-	79	61				
	Corunna	1009.3	61	W	2	T	1010.1	+1	61	0	SSE	4	-	r	3	15	63	57				
	Madrid	1008.8	81	SW	3	b	1013.5	+3	61	-5	SW	1	-	o	*	Trace	82	59				
	Lisbon	1018.4	*	-	0	b	1019.0	+2	66	0	NE	3	-	o	2	-	70	66				
	Madeira	1016.8	70	NW	1	c	1015.6	*	67	+4	W	4	*	c	3	-	77	62				
	Gibraltar	1015.6	66	NW	5	b	1015.1	*	67	+4	W	4	*	c	3	-	77	62				
	Malta	*	*	*	*	*	1015.1	+2	72	-3	N	2	-	m	0	-	82	70				
	Limassol	*	*	*	*	*	1008.8	+1	86	+2	W	1	-	b	0	-	101	64				
	Alexandria	1009.7	77	N	3	b	1010.6	0	81	0	NW	3	-	b	1	-	86	73				
Cairo (Helwan)	1007.9	93	N	3	b	1010.0	+1	73	-5	NW	2	-	b	*	-	104	72					
YESTERDAY'S REPORTS		15 th 20 h. G.M.T.					16 th 7 h. G.M.T.															
MEDITERRANEAN.	Venice	1010.2	70	-	0	b	1011.6	*	72	+12	SSE	2	-	b	*	-	75	59				
	Turin	1011.4	68	-	0	b	1011.6	*	72	+4	SSE	2	-	b	2	-	79	66				
	Pesaro	1012.6	66	W	1	b	1013.5	*	66	+2	-	0	W	b	1	-	73	55				
	Leghorn	1013.4	68	-	0	b	1015.3	*	73	+7	-	0	NE	b	*	-	82	55				
	Rome	1013.2	63	NW	1	b	1013.4	*	73	0	-	0	-	b	2	-	79	66				
	Viesti	1013.2	72	N	2	b	1014.0	*	70	-2	-	0	-	b	3	-	75	68				
	Brindisi	1012.0	72	SE	4	b	1014.4	*	72	0	NW	3	NW	bc	3	-	82	54				
	Cagliari	1013.7	73	-	0	f	1014.6	*	75	-2	-	0	-	b	1	-	84	61				
	Palermo	1013.4	72	E	1	b	1011.0	*	73	?	W	1	-	f	2	-	98	70				
Tripoli	1013.3	66	NE	3	f	1014.0	+1	66	-2	NE	3	-	f	3								



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 | { | Moderate Northerly winds; cloudy, with some light showers; cold. |
| 1 | { | Light variable winds, then Northerly; cloudy, some |
| 2 | { | showers; cold. |
| 3 | { | Moderate North-Easterly or Easterly winds, freshening |
| 4 | { | somewhat; fair, some showers later; remaining cold. |
| 5 | { | |
| 6 | { | Same as No. 0. |
| 7 | { | Light variable winds, then North-Easterly; cloudy, some |
| 8 | { | showers; cold. |
| 9 | { | Same as Nos. 3 to 5. |
| 10 | { | Light Easterly winds; fair; moderate temperature |
| 11 | { | during day, cold at night. |
| | | Fresh Easterly winds and rather rough sea; dull, some |
| | | rain. |

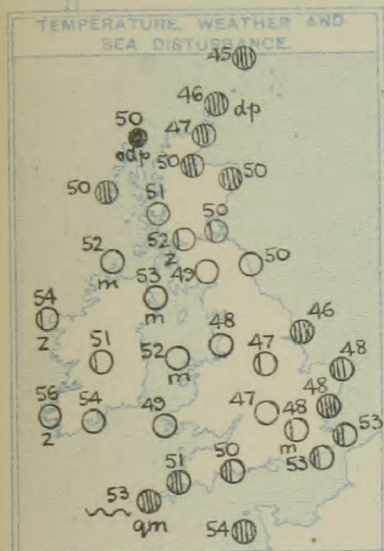
FURTHER OUTLOOK.

Millibars
1050
1040
1030
1020
1010
1000
990
980
970

SYNOPTIC CHART FOR THE MORNING OF SATURDAY, 17TH JUNE, 1916.

GENERAL INFERENCE.

The depression to the north of Spain is likely to spread further northward and cause less settled weather in the south of the country



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.

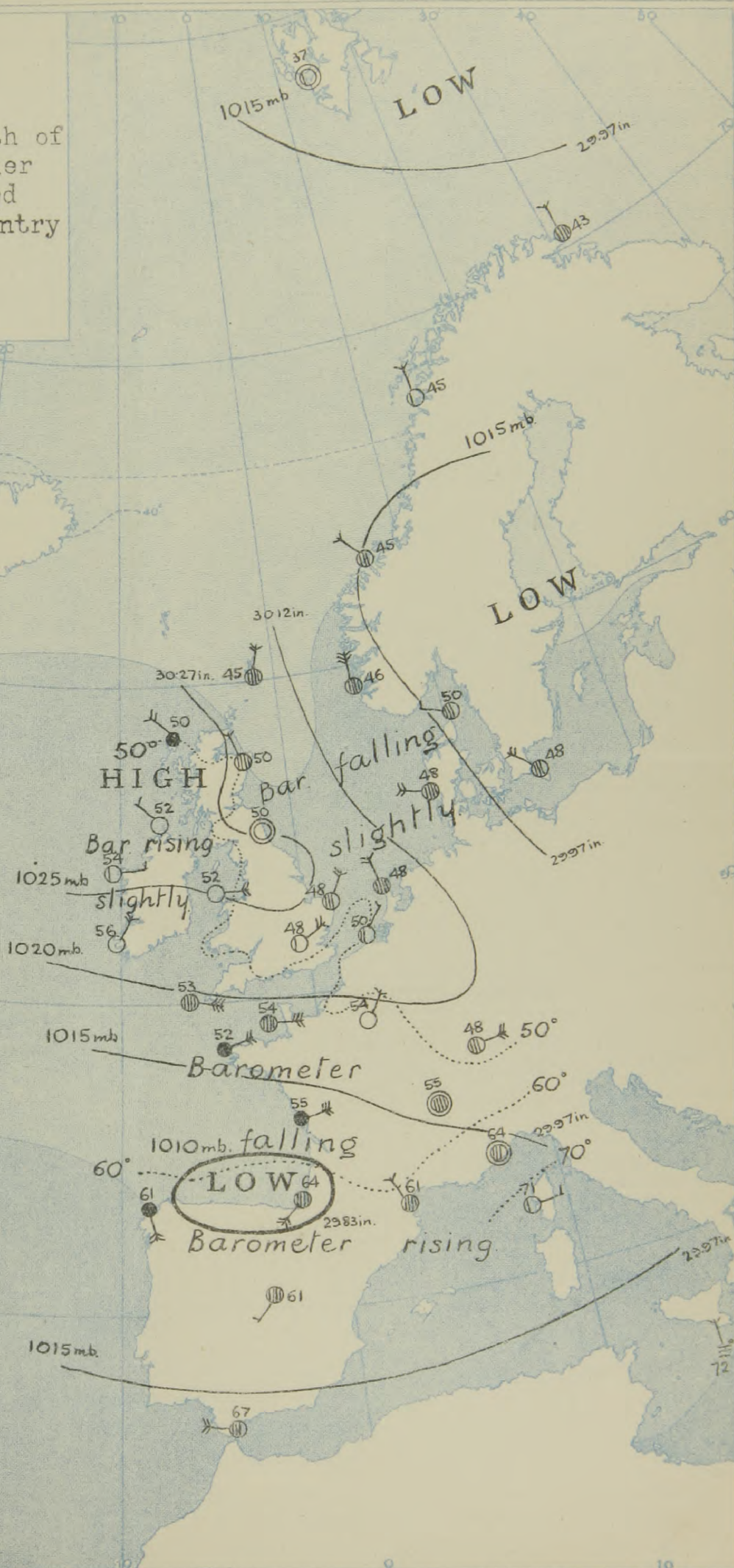
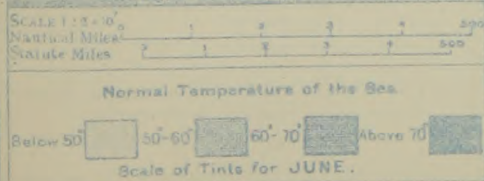
WEATHER.—Shown by the following symbols:—
 ○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.
 ○ sky 1/2 clouded. ○ overcast sky. ● rain falling.
 * snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.
 K, thunderstorm.

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

Inches.
31

30

29



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	15 th AT 9 P.M. LOCAL TIME.					16 th AT 7 A.M. LOCAL TIME.												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.							
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 8 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.										
		F.					+	F.	F.												
Uleaborg ...						1013.1	0	46	-	NE	5	*	0	?	1	*	39				
Gorki ...						994.3	*	54	-3	?	?	*	0	*	6	*	48				
Veliki Luki ...						991.4	*	55	0	-	0	*	r	*	9	*	54				
Hangö ...						999.7	-3	52	+4	NNE	2	*	r	?	2.4	*	41				
Riga ...						995.0	-3	50	-5	N	3	*	r	0	11	*	50				
Petrograd ...	1001.9	55	ENE	3	0	997.9	-2	59	+7	ENE	3	*	0	*	4	64	52				
Moscow ...	1003.9	61	SSE	1	0	999.8	-3	61	0	ESE	3	*	0	*	-	*	54				
Kiev ...	999.5	57	W	2	0	1003.8	+3	54	-5	W	3	*	b	*	19	*	55				
Kharkov ...	1004.4	66	S	2	0	1001.7	-1	64	+5	S	3	*	r	*	4	*	59				
Kishinev ...	1004.8	63	NW	3	0	1009.6	+2	57	-6	W	3	*	b	*	3	*	52				
Elisabetgrad ...	1002.7	68	S	2	0	1006.1	+4	61	-2	NW	4	*	b	*	-	*	55				
Nicolaiev ...	1004.2	70	SW	5	0	1007.9	*	59	-11	WNW	2	*	b	?	14	*	57				
Odessa ...	1001.1	68	SSW	2	0	1009.6	+2	61	-7	NNW	3	*	b	?	11	*	55				
Tarkhankout ...	1003.9	70	SSE	7	0	1009.2	?	68	-2	NW	7	*	b	?	2	*	64				
Soukhoum ...	1011.9	70	-	0	6	1010.6	0	75	-	-	0	*	b	?	5	*	64				

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 15 th	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17h.	STATIONS.	Sun- shine for 15 th	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17h.
		Night 17h-9h.	Day 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night 17h-9h.	Day 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	°F.	°F.						Mm.	Mm.	°F.	°F.			
Scotland.									England, E.								
Oban ...	150	-	-	54	41	b	b	124	Lowestoft ...	44	-	-	54	47	c.b.c	b.c	81
Banff ...	44	-	-	52	45	c.b.c	b.c	22	Felixstowe ...	76	-	-	56	45	b.c	b.c	90
Carnoustie ...	111	-	-	54	48	b	b	110	Walton-on-Naze ...	56	-	-	55	45	c.b	b	95
St. Andrews ...	122	-	-	54	44	b	b	111	Southend-on-Sea ...	57	-	-	60	45	c.b.c	b	75
England, N.E.									England, S.E.								
Harrogate ...	60	-	-	54	40	b.b.c	b.c	75	Margate ...	27	-	-	54	47	b	b	77
Skegness ...	62	-	-	52	43	b.c	b.c	59	Ramsgate ...	47	-	-	55	46	b.c	b.c	77
England, N.W.									Hastings ...	48	-	-	60	45	b.c	b	52
Morecambe ...	152	-	-	64	42	-	-	128	Eastbourne ...	91	-	-	57	45	-	-	55
Blackpool ...									Seaford ...	91	-	-	61	44	b.c	b.c	53
Southport ...	131	-	-	62	38	b.c	b	127	Brighton ...				62	44	c.b.c	b	70
Midlands.									Worthing ...	81	-	-	61	43	b.c	b	83
Buxton ...	80	-	-	56	38	b.c	b.c	91	Littlehampton ...	85	-	-	61	43	b.c	b	83
Leamington Spa ...	90	-	-	60	44	b.c	b.c	63	Bognor ...				61	44	c.b	b	100
Malvern ...	70	-	-	60	42	b.c	b.c	77	Bournemouth ...	50	-	-	61	44	c.b	b	100
Ross-on-Wye ...	73	-	-	60	38	c.b.c	b	80	Weymouth ...	21	-	-	67	43	b.c	b.c	87
Wales.									Torquay ...	46	-	-	65	46	c.b.c	b	71
Rhyl ...	86	-	-	61	38	c.b.c	b	90	Paignton ...				57	51	b.c	c.b.c	78
Colwyn Bay ...	100	-	-	58	40	b.c	b.c	122	Penzance ...	112	-	-	59	47	b	b	108
Llandudno ...	97	-	-	57	42	b	b	127	Newquay ...	95	-	-	63	46	b	b	110
Aberystwyth ...	65	-	-	64	43	c.b	b.c	125	Bude ...	87	-	-	37	43	b.c	b	92
Tenby ...	105	-	-	61	55	-	-	114	Ifracombe ...	50	-	-	61	43	b.c	b	92
									Weston-s-Mare ...	73	-	-			b.c	b	92

LONDON OBSERVATIONS.

STATIONS.	Humidity.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			South Kensington.			
	13h. Yester- day.	9h. To-day.		In Screen.	Min. on Grass.	Min. on F.		Fore- noon.	After- noon.	Night.	Vertical Component of Solar Radiation per square Centimetre during Yesterday.	Total. 1284 Joules.	Average Rate. 216 Milli-watts.	Max. Rate. 83 Milli-watts.
				Max.	Min.	Max.					Hours of Observation G.M.T.			
Greenwich (Royal Obs.) ...	55	70	8.6	62	39	28	-	0.0	b.c	b.c				
City (Bunhill Row) ...	*	59	5.9	*	*	*	*	*	*	*				
Westminster (St. James's Pl.)	59	69	6.5	63	43	39	-	b.c	b.c	b.c				
Camden Sq. (Brit. Rainfall)	56	65	7.6	62	40	40	-	0.0	b.c	b.c				
Hampstead (Reservoir) ...	*	73	6.6	60	38	26	-	b.c	b.c	b.c				
S. Kensington (Museum Grounds)	*	62	5.5	62	42	37	-	0.0	b.c	b.c				
Richmond Park ...	*	*	7.6	*	*	*	*	*	*	*				
Kew. (See front page.)	*	*	*	*	*	*	*	*	*	*				
(Greenwich and Camden Square air temperatures are in Galsberg screens.)														

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

	17 th -18 th June, 1916.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3:21	G.M.T. 11:54	G.M.T. 8:16
Greenwich ...	3:24	12:1	8:13
Wick ...	3:7	12:13	9:13
Valencia ...	4:21	12:42	9:13

NOTES ON YESTERDAY'S WEATHER.

The day was again practically without rain over the British Isles. Sunshine was fairly plentiful, up to 15 hours in Ireland, but temperature remained for the most part below 60°.

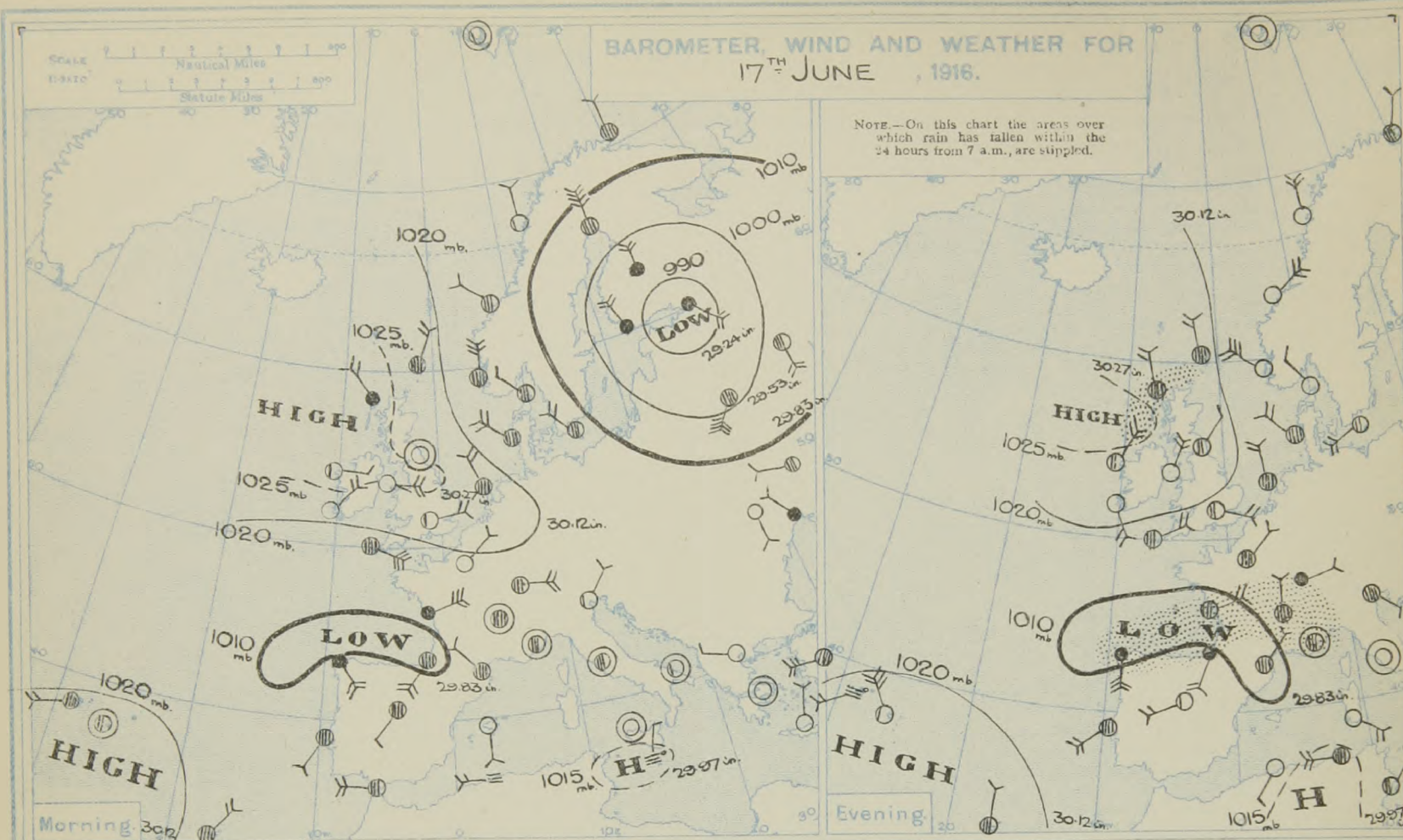
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; 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, 1916. No. 170.

Sunday,
19th June.

STATIONS.	YESTERDAY EVENING.					THIS MORNING										PAST 24 HOURS.					Sun- shine for Yester- day Hours.		
	Barom. Milli- bars at M. S. L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M. S. L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
			Dirce.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dirce.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick ...	10206	47	NNW	3	0	10121	-2	46	+1	N	2	-	c	2	-	49	42	o	o	o.c.	*	
	Deerness (Orkney) ...	10206	47	NNW	3	0	10145	-2	48	+2	NNW	5	-	opcl	3	1	49	45	p.d.o	o	opd	0.0	
	Stornoway ...	10244	53	NNW	3	0	10192	-2	48	-2	NW	4	-	o	3	0.3	54	47	o	od.p	o.d.p	0.9	
	Castlebay (Barra Isd.) ...	10251	51	NNW	4	0	10212	-1	50	0	NW	3	-	o	3	0.2	53	47	c.o.c	c.o.	o.p.o	6.5	
	Glasgow ...	10202	60	NE	3	0	10179	-3	49	-3	W	2	-	c.z	*	-	73	45	b	bz	bz.o.m.c	15.1	
	Eskdalemuir ...	10203	60	NE	4	0	10173	-4	49	0	-	0	-	b.c	*	-	72	42	b	b.bz	bz.o.m.c	14.7	
	Malin Head ...	10244	50	NW	4	0	10220	-2	50	-2	NNE	4	-	m	5	0.2	54	47	og	og	omd	2.8	
	Blackod Point ...	10245	51	NE	4	0	10237	-1	49	-5	NE	4	NE	c.m.e	3	-	62	47	bz	b.c	c.m.	*	
	Valencia ...	10213	67	SSE	3	0	10215	0	55	-1	NNW	3	-	b	3	-	71	48	bz	bz	bz.b	15.4	
	Roche's Point ...	10225	61	E	3	0	10212	-	53	-1	NNW	4	NE	b	3	-	65	53	bz	c.z	bz.b	*	
	Birr Castle ...	10216	71	N	1	0	10222	-	50	-1	NW	2	-	o	*	-	73	49	z	z	b.c.o	14.6	
	Donaghadee ...	10213	53	NNE	5	0	10198	0	49	-4	NNW	5	N	c.m.g	4	-	60	47	bz	bz	b.c.m.c.m	*	
	Liverpool (Bidston) ...	10200	59	N	2	0	10183	0	51	+3	NNW	1	-	o	1	-	?	48	b	b	o	14.3	
	Holyhead ...	10213	58	NE	4	0	10195	0	50	-2	N	6	-	o.m.e	5	-	61	49	brn	brn	b.c.m	14.6	
	Pembroke (St. Ann's) ...	10209	60	NE	1	0	10185	-2	52	+3	NE	4	NE	c	2	-	65	49	b	b	b	14.2	
	Scilly (St. Mary's) ...	10190	56	ENE	3	0	10185	0	56	+3	NNE	2	-	brn	3	-	58	51	og.c.m	c.m	b.c.b.m	3.2	
	Falmouth ...	10185	52	ENE	1	0	10169	-1	59	+8	NNE	2	-	b	*	-	62	49	c.b.c	b.c.b.c	b.c.b	8.0	
	Jersey (St. Aubin) ...	10159	58	ENE	5	0	10149	-	50	-4	NE	4	-	o	4	-	63	51	a.c.o	a.c.m	o	0.0	
	Portland Bill ...	10183	55	ESE	3	0	10164	-1	50	0	NE	4	-	o	3	-	57	48	b.c	b.c	b.c.c.o	*	
	Dungeness ...	10189	53	E	5	0	10159	0	50	-3	NE	4	-	o.u	4	-	57	48	b.c.b	b.b.c	b.c.c.o	*	
	Dover ...	10199	50	NNE	4	0	10168	+1	48	-5	NE	4	NE	o.r	2	-	56	47	b.c.b	b.b.c.p	o	8.0	
Wick ...	10219	49	NW	3	0	10162	-3	48	+1	NNW	3	NW	o	2	1	52	46	c.o	o.c	om.p.d	*		
Nairn ...	10218	59	ENE	1	0	10173	-	53	+3	NNW	1	-	c.g	1	-	63	41	c.b.c	b.b.c	b.c.c.u	2.2		
Aberdeen ...	10217	55	N	4	0	10171	-2	51	+1	NNW	4	-	o	2	-	59	48	a.b.c	b.c.b	b.b.c.o	7.0		
Leith ...	10209	56	E	2	0	10175	-2	48	-2	W	1	-	o	2	-	59	45	b	b	b.c.o	*		
Tynemouth ...	10224	52	NE	1	0	10181	-3	49	-1	E	1	-	o	3	-	55	47	b.c	b.c	o	*		
Spurn Head ...	10216	50	NNE	0	0	10179	-1	48	+2	NNE	5	-	o	4	-	54	45	o.c	c.o	o	2.6		
Yarmouth ...	10200	49	NNE	3	0	10172	-2	48	0	NNE	3	-	o	3	-	51	46	m.c	c	o.c.o	1.3		
Clacton-on-Sea ...	10207	54	E	4	0	10174	-2	47	-1	NNE	3	NE	o	2	-	55	46	o.c.b.c	b.c	b.c.c.o.g	10.2		
Nottingham ...	10197	64	E	2	0	10189	-	47	0	NE	1	NE	o	*	-	67	46	b	b	b.c.o	13.7		
Benson (Oxon.) ...	10189	63	NE	3	0	10180	-1	47	0	NNE	3	-	o	*	-	66	45	b	b	b.o	*		
Sth Farnborough ...	10182	63	NE	2	0	10171	-1	47	-1	NNE	2	-	o	*	-	66	46	bz	bz	b.o	15.3		
London (Kew Obs.) ...	10188	64	ESE	3	0	10178	0	47	-1	NE	2	-	o	*	-	65	46	brn.b.bz	bz.bz	bz.bz.o	13.6		
NORTHERN EUROPE.	Spitsbergen ...	10123	34	-	0	0	10090	-1	34	-3	SE	2	*	o	*	*	39	30	UPPER AIR.				
	Vardö ...	10251	39	NNE	2	0	10079	-2	37	-6	NE	2	-	s	3	*	43	37	Falmouth 7.20h. 16th June				
	Bodö ...	10132	46	N	4	0	10079	-3	45	0	N	1	-	b.c	1	-	46	41	1800 metres NNE 17 m.p.s.				
	Christiansund ...	10167	48	NE	4	0	10082	-5	46	+1	ENE	2	-	c	2	-	52	43	1500 " NNE 16 "				
	Skudenes ...	10137	48	NW	5	0	10107	-2	46	0	N	4	-	o	2	-	50	43	1200 " NNE 12 "				
	Færder (Vikna Fjord) ...	10115	57	NW	1	0	10100	0	50	0	SW	3	-	c	3	-	57	46	900 " NNE 9 "				
	The Scaw (Skagen) ...	10137	50	NNW	3	0	10127	0	48	0	NW	2	-	o	3	Trace	48	46	600 " ENE 5 "				
	Blaavands Huk ...	10117	57	NNW	3	0	10111	+1	52	-2	NW	1	-	b	*	-	59	48	300 " NNE 5 "				
	Copenhagen ...	10113	54	WSW	4	0	10114	+1	50	-	W	2	-	m	*	-	59	48	Surface NNE 4 "				
	Bornholm ...	10113	54	WSW	4	0	10114	+1	50	-	W	2	-	m	*	-	59	48	~~~~~				
FRANCE, &c.	The Helder ...	10183	52	NNW	3	0	10158	-2	48	0	NNW	3	-	b.c	1	-	54	48	GALES. Duration and Extreme Force in British Islands.				
	C. Gris Nez ...	10191	50	NE	5	0	10159	-1	50	0	NE	6	-	o	4	-	57	48					
	La Hève ...	10160	55	ENE	5	0	10141	-	52	+2	NE	4	*	o	2	-	61	48					
	Brest (St. Mathieu) ...	10151	54	ENE	4	0	10154	0	54	+2	NE	5	*	o	3	-	59	52					
	Rochefort (Île d'Als) ...	10096	58	ENE	3	0	10093	+1	59	+4	NE	2	*	o	*	5	72	54					
	Biarritz ...	10104	63	SW	3	0	10101	0	61	-3	NW	2	-	o	2	1	68	61					
	Paris ...	10137	63	NE	2	0	10126	+1	50	-4	NNE	2	-	o	*	-	68	50					
	Belfort ...	10168	59	E	2	0	10118	-	50	+2	ENE	5	*	o	*	10	73	52					
	Lyons ...	10117	62	N	2	0	10090	-	62	+7	-	0	*	o	*	5	79	55					
	Nice ...	10143	64	-	0	0	10071	-3	70	+6	SW	3	*	c	2	Trace	77	59					
Perpignan ...	10086	70	NE	2	0	10082	0	70	+9	-	0	SW	b	*	-	79	57						
Sanguinaire ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	*	*						
SOUTHERN STATIONS.	Corunna ...	10095	61	S	5	0	10127	+5	61	0	-	0	E	b.c	1	8	70	55					
	Madrid ...	10103	72	WSW	3	0	10117	+1	59	-2	W	1	-	b.c	*	-	73	54					
	Lisbon ...	10144	64	SW	4	0	10144	+1	61	-	W	4	-	b	6	-	66	61					
	Azores ...	10217	*	SW	3	0	10226	+2	64	-	-	0	-	b.c	2	-	72	64					
	Madeira ...	10220	70	N	2	0	10213	0	63	-3	N	2	-	b	2	-	72	63					
	Gibraltar ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	*	*					
	Malta ...	*	*	*	*	*	10124	0	79	+7	SE	3	W	b	2	-	86	72					
	Limassol ...	*	*	*	*	*	10071	+1	81	-5	N	1	-	b	1	-	97	63					
	Alexandria ...	10095	90	N	4	0	10090	0	79	-3	NNW	4	-	b	2	-	86	73					
	Cairo (Helwan) ...	10082	90	N	4	0	10091	0	77	-2	NW	1	-	b	*	-	104	70					
YESTERDAY'S REPORTS					.....16 th, 20 h. G.M.T.					.....17 th, 7 h. G.M.T.												
MEDITERRANEAN.	Venice ...	10126	70	SSE	1	0	10166	-	64	-	NE	2	-	b	5	-	77	63					
	Pesaro ...	10127	70	-	0	0	10150	-	70	-2	NE	1	SW	o	4	-	84	61					
	Rome ...	10153	70	-	0	0	10156	-	72	0	-	0	-	c	*	-	79	59					
	Viesti ...	10129	72	SSE	1	0	10153	-	70	+4	NE	1	-	o	4	-	84	61					
	Brindisi ...	10134	72	NE	1	0	10146	-	73	0	-	0	-	b	2	-	79	64					
	Cagliari ...	10133	81	SE	4	0	10136	-	75	0	SE	3	-	r	2	-	82	53					
	Palermo ...	10140	82	-	0	0	10140	-	75	0	-	0	-	b	1	-	84	59					
	Tripoli ...	10166	77	S	1	0	10104	-	97	+24	S	1	-	b	2	-	97	72					
Algiers ...	10135	54	NW	2	0	10140	+2	66	0	W	3	-	f	2	-	79	64						

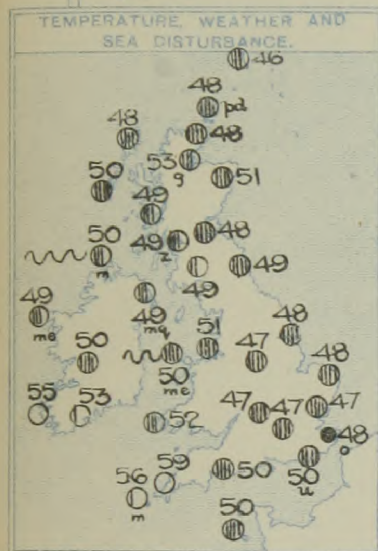


SYNOPTIC CHART FOR THE MORNING OF SUNDAY, 18TH JUNE, 1916.

JUNE, 1916.

GENERAL INFERENCE.

With the general fall of pressure which is in progress over the British Isles weather is likely to be again of an unsettled type.



EXPLANATION.

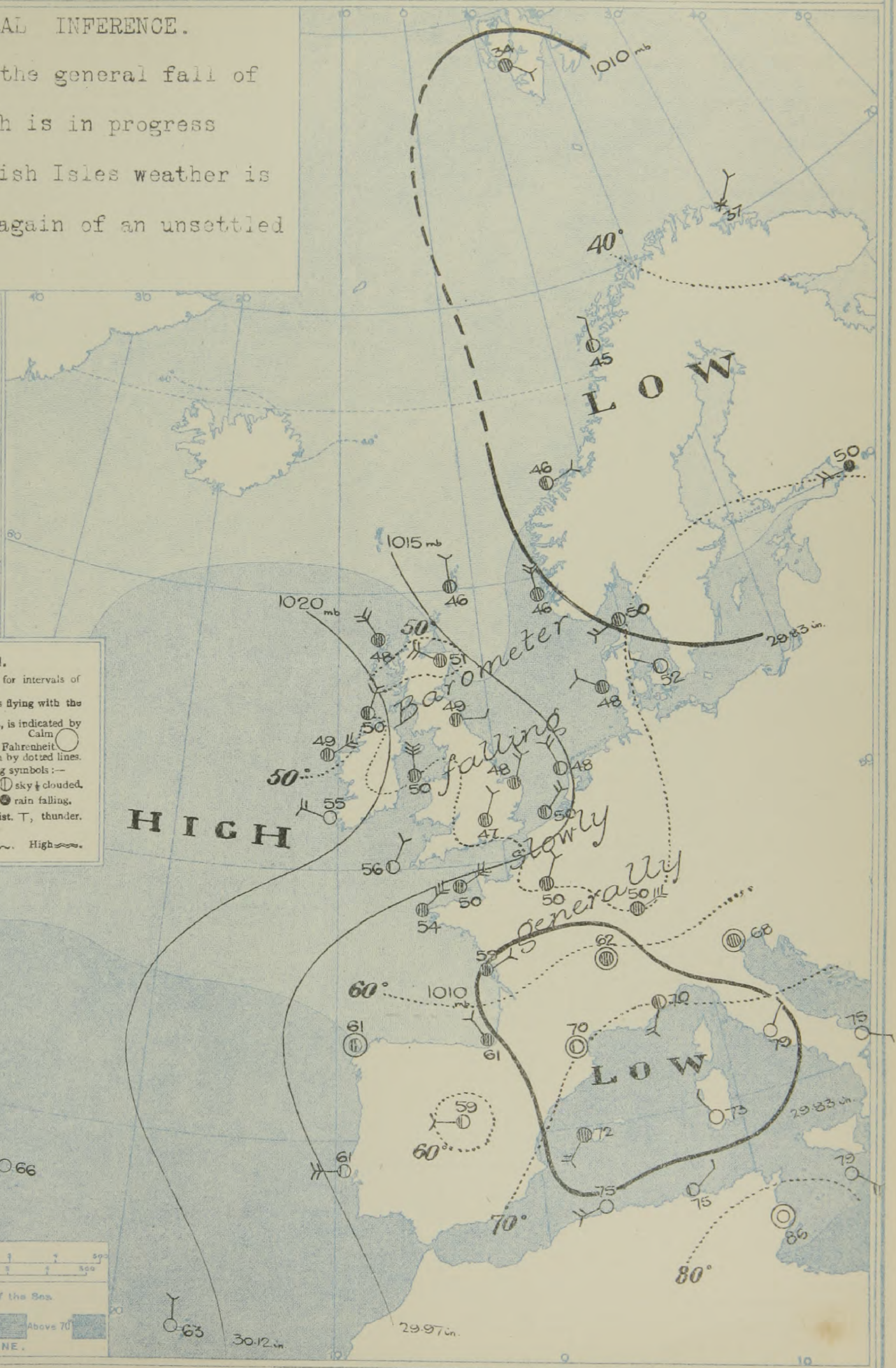
BAROMETER.—Isobars are drawn for intervals of five millibars.

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.
 overcast sky. rain falling.
 snow. hail. fog. mist. T, thunder.
 thunderstorm.

SEA DISTURBANCE.—Rough High .



SCALE 1:12,500
 Nautical Miles
 Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°

Scale of Tints for JUNE.

REPORTS
FROM RUSSIA
FOR
YESTERDAY.

STATIONS.	16 th AT 9 P.M. LOCAL TIME					17 th AT 7 A.M. LOCAL TIME.										Rain-fall. Milli-metres.		TEMP. Max. Min	
	BAROM. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	BAROMETR.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.					
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 24 hours.	Dry Bulb. ° F.	Change in 24 hours.	Direc.	Force 0-12.								
Archangel ...	1019.5	43	NE	4	0	997.2	-6	43	-	NE	6	*	r	?	17	*	39		
Gorki ...						998.0	?	50	-4	SW	7	*	o	*	10	*	50		
Veliki Luki ...						992.2	*	45	-10	S	4	*	r	*	3	*	45		
Hangö ...	995.7	46	NNE	7	0	993.1	-2	41	-11	NNW	4	*	r	?	1	*	39		
Riga ...	990.7	52	NNE	5	r							*							
Petrograd ...	989.6	61	ESE	3	c	988.4	-1	52	-7	SSE	4	*	r	*	18	64	52		
Moscow ...	1001.0	59	SSE	2	b	1003.8	+1	54	-7	S	4	*	c	*	-	*	50		
Kiev ...	1008.0	55	WSW	3	bc	1010.9	+3	52	-2	WSW	4	*	bc	*	4	*	48		
Kharkov ...	1009.6	59	W	1	b	1012.6	+2	59	-5	SW	2	*	b	*	10	*	52		
Kishinev ...	1013.1	64	W	2	bc	1017.2	+5	54	-3	S	2	*	b	*	2	*	50		
Elisabetgrad ...	1011.1	55	W	1	b	1013.1	+2	57	-4	WNW	2	*	c	*	-	*	46		
Nicolaiev ...	1011.3	66	N	2	b	1014.4	*	59	0	WNW	2	*	r	?	-	*	57		
Odessa ...	1012.2	68	WSW	2	b	1015.5	+4	57	-4	NNW	4	*	r	?	-	*	57		
Tarkhankout ...	1014.7	84	SW	4	c	1014.6	?	68	0	SW	1	*	c	0	-	*	68		
Soukhom ...												*				*			

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17 h.

STATIONS.	Sun- shine for 16 th	Rainfall		TEMPERATURE		WEATHER		Sun- shine for 17 th	STATIONS.	Sun- shine for 16 th	Rainfall		TEMPERATURE		WEATHER		Sun- shine for 17 th
		Night. 17h-9h	Day. 9h-17h	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h	Day. 9h-17h	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	° F.	° F.						Mm.	Mm.	° F.	° F.			
Scotland.									England, E.								
Oban ...	14.8	-	-	61	44	b	b	12.4	Lowestoft ...	10.8	-	-	55	39	bc	bc	6.4
Banff ...	4.8	-	-	54	48	o. bc	bc	1.2	Felixstowe ...	11.1	-	-	54	42	o. c. b	b. bc. c	7.5
Carnoustie ...	11.0	-	-	56	50	bc	bc	12.1	Walton-on-Naze ...	9.6	-	-	59	41	o. bc. b	b. bc	1.1
St. Andrews ...									Southend-on-Sea ...								
England, N.E.									England, S.E.								
Harrogate ...	9.9	-	-	60	35	b	b. bc. c	12.3	Margate ...	8.5	-	-	53	48	bc	b	5.5
Skegness ...	5.9	-	-	51	42	o. c	og	1.0	Ramsgate ...	10.2	-	-	53	48	bc	bc	7.6
									Hastings ...	5.2	-	-	60	42	b	b. bc	11.6
									Eastbourne ...	7.9	-	-	58	43	b	b. bc	11.5
									Seaford ...	7.5	-	-	63	43	b	b. bc	8.2
									Brighton ...	9.0	-	-	65	44	b	b	11.5
									Worthing ...								
									Littlehampton ...	8.3	*	*	61	43	bc	bc	14.0
									Bognor ...		-	-	63	42	bc	bc	12.6
									Bournemouth ...	10.0	-	-	65	43	b	b	13.5
									England, S.W.								
									Weymouth ...								
									Torquay ...	7.8	-	-	60	49	c. bc	bc. c	9.7
									Paignton ...	7.2	-	-	59	47	bc	bc	7.9
									Penzance ...	9.5	-	-	63	51	bc	bc. c	4.4
									Newquay ...								
									Bude ...	13.0	-	-	68	46	b	b	12.2
									Ilfracombe ...								
									Weston-s-Mare ...								

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 2561 joules.	Average Rate. 43.0 Milliwatts.	Max. Rate. 78 Milliwatts.
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	Morning.	Evening.	Morning.	Evening.	
				Max.	Min.										
				24 HOURS ENDED 9 h. TO-DAY											
%	%	Hr.	F.	F.	F.	mm.									
Greenwich (Royal Obs.) ...	63	94	13.2	64	46	46	-	b	b	b. o					
City (Bunhill Row) ...	*	*	13.4	*	*	*	*	*	*	*					
Westminster (St. James's Pk.) ...	65	89	12.9	67	47	47	-	b. bc	bc	bc. b. o					
Camden Sq. (Brit. Rainfall)	54	79	12.2	72	47	49	-	b	b	*					
Hampstead (Reservoir) ...	*	*		*	*	*	*	*	*	*					
S. Kensington (Museum Grounds)	*	79	14.0	66	47	37	-	b	b	b					
Richmond Park ...	*	*		*	*	*	*	*	*	*					
Kew. (See front page.)	*	*	13.6	*	*	*	*	*	*	*					
(Greenwich and Camden Square air temperatures are in Glaisher screens.)															

Hours of Observation G.M.T.					
	Morning.	Evening.		Morning.	Evening.
	h.	h.		h.	h.
British Isles ...	7	18	Corunna ...	7	16
France ...	7	18	Madrid ...	8	16
Norway ...	7	18	Lisbon ...	7	21
Denmark ...	6	18	Azores ...	8	17
Holland ...	6	17	Madeira ...	7	21
Italy ...	7	20	Malta ...	8	—
Egypt ...	6	18	Limassol...	6	—

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

June 18, 1916.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3:31	12:54	8:16
Greenwich ...	3:44	12:1	8:18
Wick ...	3:7	12:13	9:19
Valencia ...	4:22	12:42	9:21

PILOT BALLOON ASCENTS for the PAST WEEK.

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

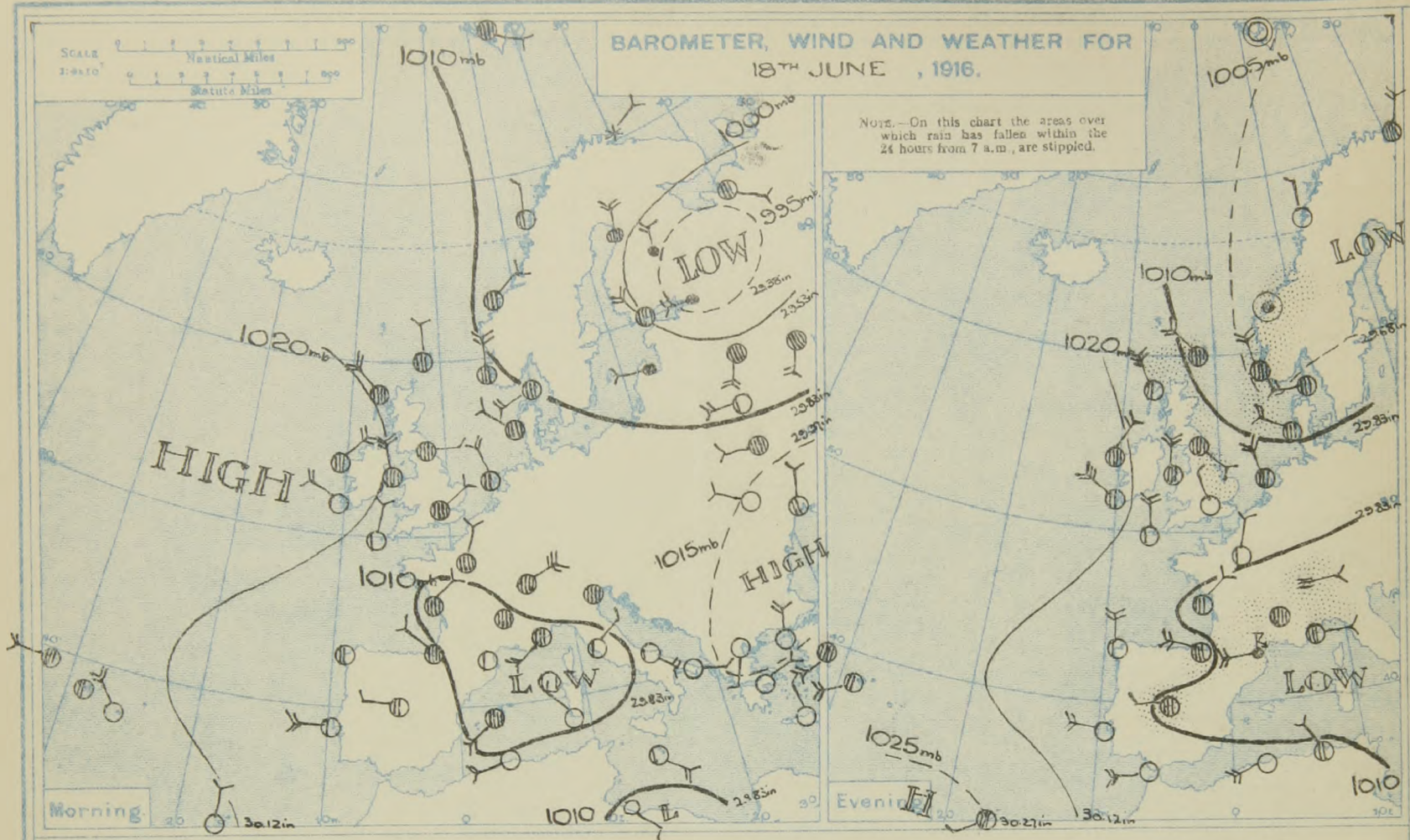
STATION. Date and Hour.	Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.	
	7.30h	7.30h	7.30h	7.30h	7.30h	7.30h	7.30h	7.30h	7.30h	7.30h	7.30h	7.30h	7.30h	7.30h	7.30h	7.30h
Benson 17h G.M.T.																
25	-10	-3														
2	-12	-4														
1.5	-11	-2														
1	-9	-4														
5	-6	-2														
Surface	-3	-4														

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
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 171.

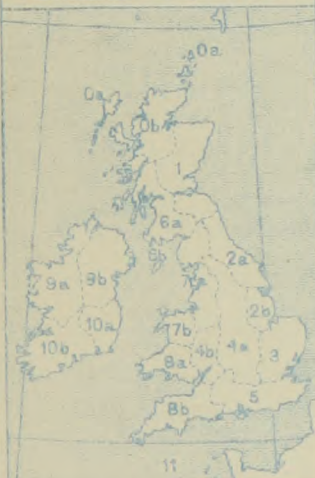
Monday,
19th June

STATIONS.	YESTERDAY EVENING.					THIS MORNING										PAST 24 HOURS					Sun- shine for Yester- day Hours.
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometre.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																					
Lerwick ...	10096	45	NW	4	0	10076	-1	43	-3	NNW	5	-	omg	4	2	51	41	om	ocp	omgp	*
Deerness (Orkney) ...	10128	48	NW	5	0	10112	*	47	-1	NW	6	N	c	5	1	52	43	opd	o	opdc	20
Stornoway ...	10184	51	NNW	5	bcg	10179	0	50	+2	NNW	5	-	b	4	-	53	42	ocdpy	adpbcg	c.bg	42
Castlebay (Barra Isd.) ...	10190	52	NW	3	0	10196	0	50	0	NW	3	-	b	3	0.1	54	47	op o	o.c.o.	obc	16
Glasgow ...	10136	59	N	4	b	10166	+3	47	-2	N	2	NW	b	*	-	61	43	bcbbc	bc.b	bc.cbc	129
Eskdalemuir ...	10130	57	NNW	5	bc	10156	+2	49	0	N	3	-	b	*	-	64	41	bc	bc	bcc.o	118
Malin Head ...	10190	50	N	5	cmg	10194	+2	49	-1	N	4	N	bc	5	0.4	52	47	omg	cmg	bc	0.7
Blacksod Point ...	10228	52	NNE	3	og	10219	-1	50	+1	NNE	3	NE	cg	3	-	55	47	ome	om	cmcg	*
Valencia ...	10217	55	NW	5	bc	10232	+2	53	-2	N	3	N	o	3	-	62	51	b	b.b.c	bcc.o	15.2
Roche's Point ...	1049	65	NNW	4	b	10214	*	53	0	NNW	4	N	c	3	-	70	50	b	b	b.b.c	*
Birr Castle ...	10211	57	NW	2	c	10210	*	51	+1	NW	2	-	o	*	-	65	49	c	c	o	88
Donaghadee ...	10171	52	N	5	cg	10174	+2	49	0	NNW	5	N	bcmg	4	-	55	47	c	cg	ombcg	*
Liverpool (Bidston) ...	10154	54	W	4	b	10147	0	52	+1	WNW	2	W	o	2	-	56	49	o	cb	o	3.1
Holyhead ...	10175	54	N	4	c	10164	+1	50	0	NNW	7	N	bcg	6	-	58	49	o.c.o.m	o.c.o.m	ocbc	2.3
Pembroke (St. Ann's) ...	10171	58	NNE	5	b	10185	+1	51	-1	NNW	3	N	c	2	-	61	49	c	c.b	c	10.4
Scilly (St. Mary's) ...	10184	56	N	4	b	10198	+1	53	-3	N	4	N	o	4	-	58	51	bc c	c.b.c	b.b.c	9.8
Falmouth ...	10162	59	N	5	bqz	10181	+2	53	-6	N	4	-	c	*	-	68	50	b.b.c.b	bcb.g	b.b.c	14.5
Jersey (St. Aubin) ...	10150	57	NE	4	b	10150	*	55	+5	NNW	2	NW	c	1	-	61	49	o.c.o.	o.c.b	b	50.
Portland Bill ...	10156	54	SW	3	b	10149	+2	53	+3	NNW	4	NW	bc	3	-	53	49	o.c.b.c	b	bmbc	*
Dungeness ...	10135	54	NE	3	b	10130	0	54	+4	NW	2	-	o	2	-	58	49	o.c.b.c	bcb	bc.o	*
Dover ...	10141	53	NE	2	b	10124	0	52	+4	NW	4	NW	o	2	-	58	48	o.c.b.c	bcb	b.bcc	7.5
Wick ...	10139	49	NW	4	o	10128	0	48	0	NW	5	-	bc	4	1	51	42	omg	c.og	opbcg	*
Nairn ...	10150	54	NNW	4	bc	10159	*	50	-3	NNW	4	-	bcb	4	-	58	43	cg	bc.g	cg	2.9
Aberdeen ...	10141	52	NNW	3	o	10138	0	48	-3	NW	5	-	bc	3	1	59	42	o	c.b.c	ocpbc	0.9
Leith ...	10124	53	NE	2	o	10152	+1	49	+1	NW	3	NW	c	4	-	64	43	o.c.o	c.b.c	ocbcb	*
Tynemouth ...	10139	50	SE	2	og	10146	+1	49	0	N	2	N	bc	3	-	50	46	ogm	og	bc	*
Spurn Head ...	10136	48	S	3	o	10138	+1	48	0	NE	4	-	or	3	1	52	45	o	o	o	0.0
Yarmouth ...	10147	51	NE	3	o	10128	-1	50	+2	-	0	-	orm	1	1	55	47	oc	c.o.	orm	2.8
Clacton-on-Sea ...	10143	53	E	2	b	10125	0	51	+4	NW	3	N	o	2	-	55	47	og	c.b.c	b.bcc	6.4
Nottingham ...	10137	58	NNW	4	o	10140	*	51	+4	NE	2	NE	omw	*	-	62	47	o.c.m	m.c.o	o.c.b	2.0
Benson (Oxon.) ...	10165	55	NNE	2	c	10141	0	50	+3	WNW	2	-	o	*	-	64	44	o	b	o	*
St. Farnborough ...	10137	65	N	2	b	10132	0	53	+6	NW	4	-	b	*	-	65	47	o.b.c	bcb	bcb	7.2
London (Kew Obsy.) ...	10141	62	NNW	1	b	10135	+1	52	+5	NNW	2	-	o	*	-	62	46	o	ocbcb	bcb	6.3
NORTHERN EUROPE.																					
Spitsbergen ...	10059	32	-	0	o	10047	0	36	+2	-	0	*	b	*	-	36	30	UPPER AIR. South Farnborough. Pilot Balloon Ascent at 6.35 A.M. 2,100 metres. N.W. by W. 11 m.p.s. 1,800 " " N.W. by W. 9 " 1,500 " " W. 7 " 1,200 " " N.W. by N 5 " 900 " " N.W. 7 " 600 " " N 9 " 300 " " N.W. 14 " Surface N.W. 10."			
Vardö ...	10031	36	NNE	3	o	10048	+3	39	-2	NNE	2	-	o	2	-	39	36				
Bodö ...	10044	46	N	1	c	10047	0	48	+3	NE	2	-	b	2	-	48	41				
Christiansund ...	10021	46	-	0	r	10003	0	45	-1	-	0	-	r	2	3	50	39				
Skudesnaes ...	10042	46	NNW	4	o	9999	-3	48	+2	NNW	4	-	c	4	3	50	46				
Færder (X'ania Fjord) ...	10056	52	W	3	c	10002	-2	50	0	SW	4	-	c	4	-	57	48				
The Scaw (Skagen) ...	10099	50	WNW	3	c	10053	-1	48	0	NW	3	-	o	3	Trace	50	48				
Blaavands Huk ...	10091	55	W	3	o	10050	-2	50	-2	WSW	3	-	c	*	-	61	48				
Copenhagen ...	10095	54	W	4	m	10063	+2	50	0	W	3	-	o	0	-	57	46				
Bornholm ...	10095	54	W	4	m	10063	+2	50	0	W	3	-	o	0	-	57	46				
FRANCE, &c.																					
The Helder ...	10144	50	NNW	3	c	10103	0	50	+2	WNW	4	-	c	3	Trace	54	48	GALES. Duration and Extreme Force in British Islands. Aberdeen: 7h. 19 th June Gust. N.W. 18 m.p.s.			
C. de la Neiz ...	10141	52	NE	4	b	10131	+1	52	+2	SW	1	*	o	2	-	57	46				
La Hève ...	10146	54	NE	3	b	10139	*	53	+1	SW	3	*	m	2	-	64	50				
Brest (St. Mathieu) ...	10159	59	N	4	bc	10183	+1	55	+1	N	4	*	c	2	-	64	52				
Roche fort (Ile d'Aix) ...	10099	65	NE	2	c	10154	+3	55	+4	NNE	3	*	b	2	-	72	52				
Biarritz ...	10113	62	NNW	4	c	10159	+3	63	+2	NW	3	*	o	3	11	68	59				
Paris ...	10115	59	NE	2	b	10133	+1	50	0	NNE	2	-	b	*	-	63	43				
Belfort ...	10090	57	E	2	m	10087	*	52	+2	-	0	*	m	*	-	61	50				
Lyons ...	10073	62	-	0	o	10097	*	55	-7	NNW	2	*	o	*	24	75	54				
Nice ...	10073	64	E	2	c	10048	0	61	-9	SW	2	*	b	3	11	68	59				
Perpignan ...	10074	61	W	4	clt	10117	+4	66	+4	NW	4	NW	b	*	4	75	57				
Sanguinaire ...	*	68	S	3	m	*	*	68	-	W	4	*	m	3	-	79	61				
SOUTHERN STATIONS.																					
Corunna ...	10159	61	N	4	b	10215	+5	59	-2	NNE	3	-	f	2	-	66	59	GALES. Duration and Extreme Force in British Islands. Aberdeen: 7h. 19 th June Gust. N.W. 18 m.p.s.			
Madrid ...	10088	63	W	1	c	10167	+4	61	+2	ENE	1	-	bc	*	2	66	48				
Lisbon ...	10157	65	NNW	4	o	10163	+1	61	0	NNW	3	-	c	5	-	70	59				
Azores ...	10232	*	SW	4	bc	10237	0	66	+2	ESE	1	*	o	2	-	73	66				
Madeira ...	10250	68	SW	1	c	10206	0	64	+1	N	2	-	o	2	-	68	64				
Gibraltar ...	10156	66	W	4	b	10142	*	63	-	W	4	*	m	2	-	75	62				
Malta ...	*	*	*	*	*	10106	+1	84	+5	SSW	4	-	b	1	-	91	77				
Limassol ...	*	*	*	*	*	10073	+3	81	0	ENE	3	-	b	0	-	86	64				
Alexandria ...	10071	75	NW	5	b	10086	+2	77	-2	N	2	-	c	2	-	86	73				
Cairo (Helwan) ...	10056	86	NW	3	b	10077	-2	75	-2	N	2	-	b	*	-	99	70				
YESTERDAY'S REPORTS																					
17 th June, 20 L.C.M.T.																					
Venice ...	10142	68	-	0	o	10111	*	68	+4	-	0	-	o	3	Trace	73	64	18 th June, 7 h. G.M.T.			
Pesaro ...	10140	21	-	0	o	10106	*	70	0	SSE	1	SW	c	1	-	75	62				
Rome ...	10136	75	-	0	b	10090	*	79	+7	NE	1	-	b	*	-	86	63				
Viesti ...	10150	73	-	0	b	10110	*	72	+2	SSE	3	SW	b	3	-	88	56				
Brindisi ...	10140	79	SE	1	b	10119	*	75	+2	SE	1	-	b	3	-	75	66				
Cagliari ...	10104	82	SE	3	b	10087	*	73	-	NW	1	NW	b	3	-	81	57				
Palermo ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
Tripoli ...	10094	84	ESE	1	b	10090	*	99	+2	SSE	1	-	b	1	-	99	?				
Algiers ...	10120	68	SW	1	b	10101	+1	75	+9												



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

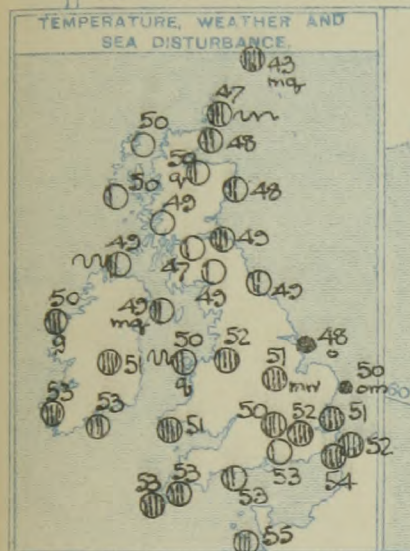
- | | |
|-------------------|--|
| 0 { a }
{ b } | Strong or high North-Westerly winds; fair or dull; |
| 1 { } | some showers; cold. |
| 2 { a }
{ b } | Moderate or fresh Northerly or North-Westerly winds; |
| 3 { } | fair or dull, some showers; cold. |
| 4 { a }
{ b } | Moderate North-Westerly winds; cloudy, some showers; |
| 5 { } | cold. |
| 6 { a }
{ b } | Moderate or fresh Northerly or North-Westerly winds; |
| 7 { a }
{ b } | fair; cold. |
| 8 { a }
{ b } | Moderate Northerly winds; fair; cold. |
| 9 { a }
{ b } | Same as Nos. 6 to 8. |
| 10 { a }
{ b } | Same as No. 9a. |
| 11 { } | Moderate Northerly winds and slight sea; fair. |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR THE MORNING OF MONDAY, 19TH JUNE, 1916.

GENERAL INFERENCE.


Between the anticyclone off
Ireland and the depression over
Southern Norway strong North-
Westerly winds are probable in the
north of the country.



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 

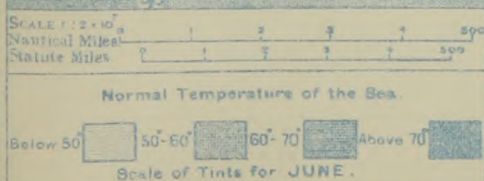
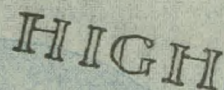
TEMPERATURE.—Given in degrees Fahrenheit.
Isotherms shown by dotted lines

WEATHER.—Shown by the following symbols:—

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

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

SEA DISTURBANCE.—Rough  High 



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	17 th AT 9 P.M. LOCAL TIME					18 th AT 7 A.M. LOCAL TIME.												Rain- fall. -Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP. ° F.	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.									
Archangel ...	-	-	-	-	-	996.8	-1	54	+9	SE	2	*	c	*	17	*	52.			
Gorki ...	-	-	-	-	-	1008.3	0	46	-4	W	3	*	b	*	4	*	43.			
Veliki Luki ...	-	-	-	-	-	1004.7	*	43	-2	SSW	4	*	o	*	4	*	39.			
Hangö ...	998.6	59	WNW	4	b	1000.3	+2	41	0	NNW	4	*	o	*	4	*	37.			
Riga ...	1001.9	41	W	6	r	1003.9	?	41	-	W	2	*	r	*	14	*	37.			
Petrograd ...	988.6	48	NE	1	r	991.9	+3	50	-2	W	3	-	r	*	26	59	48.			
Moscow ...	1007.5	50	SSW	3	o	1007.5	+1	50	-4	SSW	3	*	o	*	3	*	45.			
Kiev ...	1014.4	52	W	3	bc	1016.2	0	52	0	W	2	*	o	*	-	*	46.			
Kharkov ...	1013.7	55	SW	1	b	1016.4	?	66	+7	W	1	*	b	*	-	*	45.			
Kishinev ...	1018.6	59	W	2	o	1019.8	+1	52	-2	NW	2	*	b	*	8	*	48.			
Elisabetgrad ...	1016.6	52	NW	2	b	1018.0	+2	52	-5	W	2	*	b	*	?	*	41.			
Nicolaiev ...	1017.1	61	-	0	b	1018.6	*	55	-4	W	2	*	c	*	1	*	48.			
Odessa ...	1017.2	61	N	2	b	1019.1	0	61	+4	NNE	2	*	bc	*	-	*	54.			
Tarkbankout ...	1016.7	64	N	4	b	1017.2	?	66	-2	NNE	4	*	bc	*	-	*	55.			
Soukhoum ...	1009.9	75	ESE	1	c	1012.2	?	77	-	E	1	*	c	*	-	*	?			

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17 h.

STATIONS.	Sun- shine for 17 ^h	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 17 ^h	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 12h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 12h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	° F.	° F.						Mm.	Mm.	° F.	° F.			
Scotland.									England, E.								
Oban ...	152	-	-	55	48	c	c	10	Lowestoft ...	65	0.2	-	56	45	o bc	bc	55
Banff ...	12	-	-	54	48	o bc	bc	0.4	Felixstowe ...	7.6	Tr.	-	55	47	o c o c	b	6.0
Carnoustie ...	121	*	*	57	49	a	bc	3.5	Walton-on-Naze ...	1.8	-	-	58	46	o c bc	bc b	3.6
St. Andrews ...									Southend-on-Sea ...								
Eng. N.E.									England, S.E.								
Harrogate ...	24	-	-	63	44	o c	c bc	3.0	Margate ...	55	*	*	54	48	c	bc b	52
Skegness ...	-	-	-	51	45	og	og	0.0	Ramsgate ...	7.6	-	-	54	47	o	bc b	4.5
Eng. N.W.									Hastings ...	11.6	*	*	60	47	o c	b	5.3
Morecambe ...									Eastbourne ...	4.2	-	-	59	48	o b	c bc b	5.5
Blackpool ...									Seaford ...								
Southport ...	50	-	-	56	48	o	o c	0.9	Brighton ...	12.3	-	-	63	49	b	b	5.4
Midlands.									Worthing ...	-	-	-	60	48	o bc	b	5.5
Buxton ...									Littlehampton ...								
Leamington Spa ...	45	-	-	63	48	o	bc o	3.7	Bognor ...								
Malvern ...									Bournemouth ...	13.5	*	*	64	48	o c b	b	7.8
Ross-on-Wye ...									England, S.W.								
Wales.									Weymouth ...								
Rhyl ...	14.0	-	-	56	44	o	o bc	0.9	Torquay ...		-	-	61	50	b	b	11.4
Colwyn Bay ...		*	*	56	47	o bc	bc c	0.7	Paignton ...								
Llandudno ...									Penzance ...								
Aberystwyth ...	12.5	*	*	57	47	o c	c bc	5.0	Newquay ...		-	-	58	46	b	b	7.9
Tenby ...									Bude ...	14.6	-	-	69	43	bc	b	11.7
									Ilfracombe ...								
									Weston-s-Mare ...								

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 13/8 Joules.	Average Rate. 22.1 Milliwatts.	Max. Rate. 7.4 Milliwatts.	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	Hours of Observation G.M.T.					
				Max.	Min.						Morning.	Evening.	Morning.	Evening.		
															24 HOURS ENDED 9 h. To-Day	
%	%	F.	F.	F.	mm. §											
Greenwich (Royal Obsy.) ...	61	84	6.7	62	48	52	-	0.	o b c b	b c o						
City (Bunhill Row) ...	*	*	6.4	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	69	86	6.4	63	49	49	-	0.6 c	b c o	o	British Isles ...	7	18	Corunna ...	7	16
Camden Sq. (Brit. Rainfall)	-	77	5.2	75	50	50	-	-	-	*	France ...	7	18	Madrid ...	8	16
Hampstead (Reservoir) ...	*	*		*	*	*	*	*	*	*	Norway ...	7	18	Lisbon ...	7	21
S. Kensington (Museum Grounds)	*	-	6.0	63	50	49	-	0	a b c b	b c o	Denmark ...	6	18	Azores ...	8	17
Richmond Park ...	*	*		*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21
Kew. (See front page.)	*	*	6.3	*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																

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

19 th June 1916.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3. 31	11. 54	20. 17
Greenwich ...	3. 44	12. 1	20. 18
Wick ...	3. 7	12. 13	21. 19
Valencia ...	4. 22	12. 42	21. 2

NOTES ON YESTERDAY'S WEATHER.

Slight rain fell at a few stations on the east coast. Sunshine was very variable from zero up to 15 hours at Valencia. Temperature rose to 70° at Roche's Point, but was generally below 65°.

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.

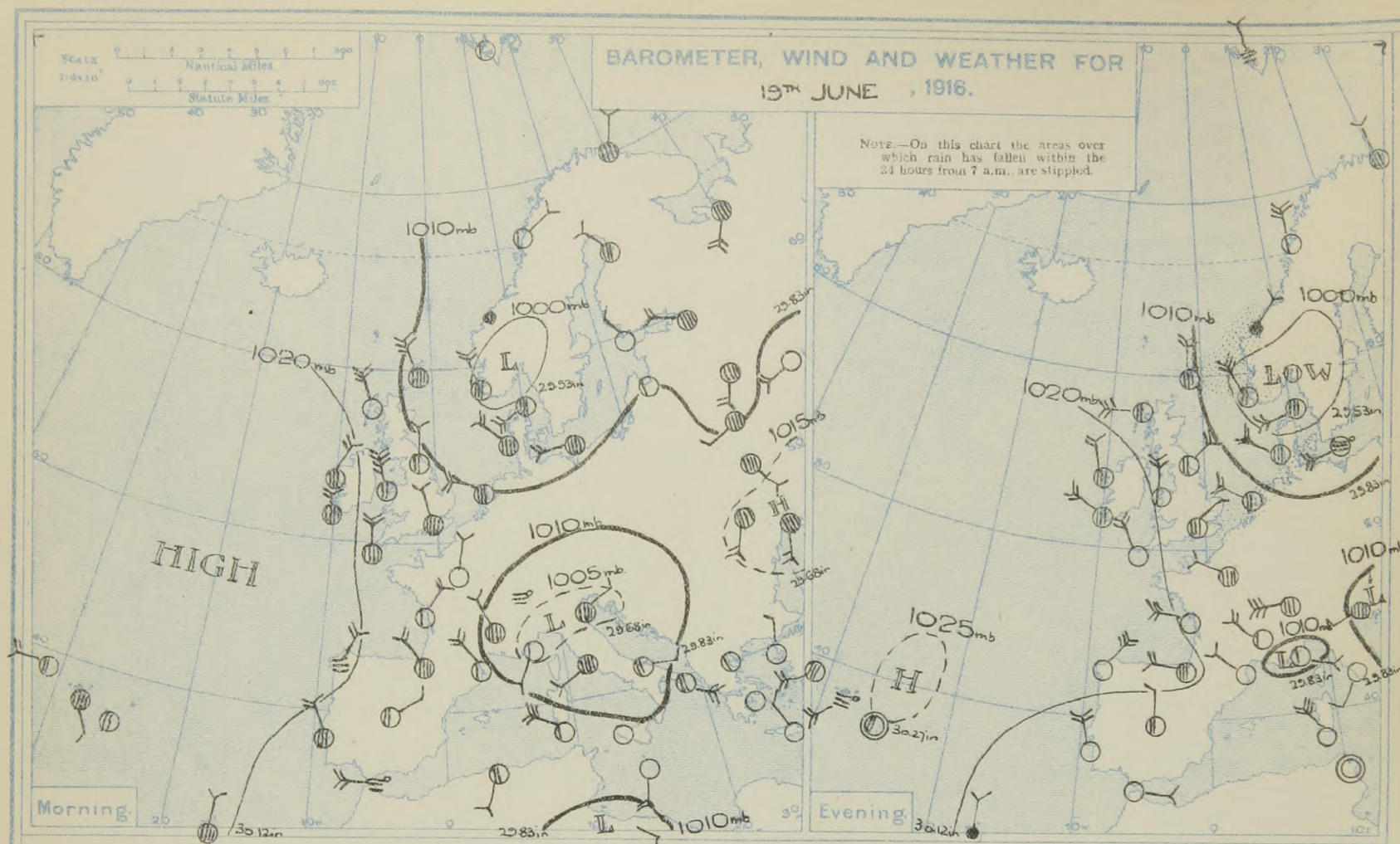
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 172.

Tuesday,

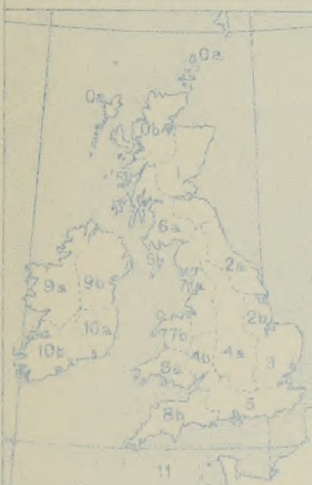
20 June.

STATIONS.	YESTERDAY EVENING.					THIS MORNING										PAST 24 HOURS						Sun- shine for Yester- day. Hours.
	Barom. Milli- bars at M.S.L.	Temp. °F.	Wind.		Weather.	Baromet. Milli- bars at M.S.L.	Change in 3 hours.	Temp.		Wind.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		Weather.					
			Dir.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Dir.	Force 0-12.	Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
Lerwick ...	1011.4	49	N	4	C	1012.9	0	46	+3	NNW	3	N	bc	2	2	51	42	cg. b	cg	bc	*	
Deerness (Orkney) ...	1014.2	49	NW	5	C	1013.9	*	48	+1	NW	2	NW	ce	0	-	52	43	c. bc. b	b. bc. c	c. bc. ce	13.7	
Stornoway ...	1017.5	54	W	5	bcg	1015.6	0	51	+1	WNW	3	-	0	3	-	57	47	bcg	b. bcg	c. o	12.7	
Castlebay (Barra Isd.) ...	1019.1	51	WSW	3	0	1017.7	0	51	+1	WNW	3	W	C	3	-	56	44	b	b. o	c. c	10.0	
Glasgow ...	1017.1	55	W	4	C	1017.4	-1	50	+3	W	3	NNW	C	*	-	62	49	b. bc	bc. c	c. bc. op	10.4	
Eskdalemuir ...	1016.8	54	N	2	C	1017.6	0	47	-2	W	3	-	0	*	-	58	37	b. bc	bc. c	c. o. bc	10.2	
Malin Head ...	1020.4	52	NW	3	CV	1019.4	0	52	+3	NW	3	NNW	bc	2	-	55	48	bc	bc. v.	cg	11.7	
Blacksod Point ...	1022.3	53	NNW	3	cg	1022.5	0	50	0	NNW	2	N	cg	2	0.2	55	48	cg	cg	cg	*	
Valencia ...	1024.3	57	NW	4	C	1024.7	0	54	+1	NW	1	NNW	0	2	-	57	52	c. c	c	c. o	0.9	
Roche's Point ...	1023.8	60	NNW	4	bc	1024.6	*	53	0	WNW	2	-	0	2	Trace	62	49	c. o. c	c. bc. c	b. o	*	
Birr Castle ...	1021.0	60	NW	2	C	1022.7	*	53	+2	W	1	-	C	*	-	60	50	C	C	C	6.3	
Donaghadee ...	1019.2	53	N	4	bc	1019.6	?	51	+2	WNW	4	NW	cg	3	Trace	55	49	bc. m. g	bc. m.	cg. p	*	
Liverpool (Bidston) ...	1018.1	54	W	3	b	1019.2	0	51	-1	W	3	W	0	3	-	57	49	c. o. c	b	o	10.9	
Holyhead ...	1019.6	55	NNW	4	bc	1020.6	0	51	+1	NNW	5	NW	og	4	-	57	50	-	-	c. bc. c	12.6	
Pembroke (St. Ann's) ...	1021.2	52	NW	2	C	1023.1	+1	52	+1	NW	3	NNW	C	2	-	59	49	c. bc. b	bc. c	bc. b	7.8	
Scilly (St. Mary's) ...	1023.0	57	NW	4	b	1024.5	+1	54	+1	NNW	3	NW	C	4	-	60	51	C	c. bc. b	bc. bc	6.1	
Falmouth ...	1021.7	58	NW	4	b	1023.5	+2	55	+2	NW	2	-	C	*	-	60	49	cg. bcg	bcg. b	bc. c	7.7	
Jersey (St. Aubin) ...	1019.2	59	WNW	3	b	1022.5	*	55	0	NW	3	-	b	2	-	60	48	c. og. c	c. b	b	6.7	
Portland Bill ...	1017.2	58	NW	3	b	1021.4	+2	55	+2	NNW	3	-	b	2	-	62	48	bc	bc	bc. c	*	
Dungeness ...	1017.1	53	ENE	3	C	1019.2	+1	52	-2	SSW	3	-	og	3	-	60	54	a. bc. o	o. bc	bc. o	*	
Dover ...	1017.6	51	NE	3	bc	1021.3	+2	49	-3	SW	3	SW	od	4	0.4	60	43	o. bc. c	o. bc. c	c. o	2.9	
Wick ...	1014.6	48	NNW	5	bc	1014.0	0	47	-1	WNW	1	NW	C	2	1	51	41	bcg. p	bcg. p	cm. c	*	
Nairn ...	1016.1	56	NNW	3	bc	1015.2	*	52	+2	W	2	-	bc	2	0.2	58	40	c. bc. cg	cg. bc	bc. p	12.0	
Aberdeen ...	1015.4	54	NW	5	C	1015.4	0	51	+3	WNW	3	NNW	bc	2	-	56	40	bcg	bcg	bc. b	13.8	
Leith ...	1015.7	56	NW	2	C	1016.6	0	50	+1	NW	2	NNW	C	2	-	58	43	c. bc. c	b	c. bc	*	
Tynemouth ...	1016.2	52	NE	3	bc	1017.0	0	48	-1	WNW	3	-	cm	3	-	55	45	bc	bc	cm	*	
Spurn Head ...	1016.8	49	NE	4	bc	1017.5	-1	49	+1	W	4	-	cm	3	-	55	43	or. bcg	bcg. b	cm	7.5	
Yarmouth ...	1017.4	53	N	4	b	1018.8	0	51	+1	SW	3	-	bc. m	2	1	55	40	cm. o	c. bc. b	b. bc	3.0	
Clacton-on-Sea ...	1017.5	53	E	3	C	1020.0	0	53	+2	WSW	4	NW	0	3	0.2	57	47	c. o. c	c. c	c. op. d	1.6	
Nottingham ...	1017.9	50	SSE	2	0	1018.9	*	53	+2	WNW	2	W	bc	*	Trace	57	44	og	og. p. c	c. c	0.6	
Benson (Oxon.) ...	1017.8	55	-	0	bc	1020.9	+1	51	+1	W	1	-	bc	*	-	59	38	og	bc	bc. d. c	*	
Sth Farnborough ...	1017.5	56	-	0	0	1020.2	+1	54	+1	WNW	1	NW	b	*	1	62	48	b. o	c. o. c	c. op. d	4.0	
London (Kew Obs.) ...	1018.0	57	NE	1	C	1020.8	+2	54	+2	W	1	W	cm	*	0.2	58	46	0	c. c. p. m	c. c. p. m	0.9	
NORTHERN EUROPE.																						
Spitsbergen ...	1004.3	36	N	2	f	1005.5	+1	34	-2	SE	4	*	b	*	*	37	30	UPPER AIR. South Farnborough. Pilot Balloon Ascent at 6.22 a.m. 2,700 metres WNW 17 m.p.s. 2,400 " W by S 7 " 2,100 " S.W. by S 8 " 1,800 " W.S.W. 9 " 1,500 " W 7 " 1,200 " W 6 " 900 " NW by W 5 " 600 " N.W. 5 " 300 " NW by W 4 " Surface. N.W. 3 "				
Vardö ...	?	39	N	2	C	1012.0	+2	43	+4	SE	1	-	C	2	*	41	34					
Bodö ...	1004.8	46	N	5	b	1008.2	+1	54	+6	-	0	-	b	2	-	54	45					
Christiansund ...	1004.4	46	NE	2	T	1003.3	+2	46	+1	-	0	-	r	3	4	48	43					
Skudesnaes ...	1004.4	48	NNW	6	bc	1004.2	+2	46	-2	NNW	8	-	C	4	1	50	43					
Færder (X'launa Fjord) ...	997.3	46	NNW	4	r	999.0	?	46	-	NNW	7	-	r	3	Trace	48	43					
The Scaw (Skagen) ...	999.0	52	WSW	4	C	998.7	0	48	-2	-	0	-	bc	1	-	55	45					
Blaavands Huk ...	1005.6	50	NW	4	C	1006.0	+5	50	+2	NW	8	-	0	5	1	50	45					
Copenhagen ...	1008.7	54	WNW	3	0	1002.4	0	48	-2	W	4	-	0	*	-	55	45					
Bornholm ...	1004.2	52	WSW	4	m	1003.7	0	48	-2	WNW	5	-	r	*	2	55	45					
The Helder ...	1013.5	50	NW	4	bc	1017.3	+3	50	0	WNW	5	-	C	4	Trace	52	49	GALES. Duration and Extreme Force in British Islands.				
C. Gris Nez ...	1017.7	50	NW	4	bc	1021.2	+1	51	-1	S	4	*	0	2	1	61	45					
La Hève ...	1019.7	54	NNW	4	0	1020.8	*	54	+1	SSE	3	*	m	2	-	64	48					
Brest (St. Mathieu) ...	1021.6	57	N	4	b	1024.8	+1	57	+2	NNW	3	*	bc	2	-	63	52					
Rochefort (Ile d'Als) ...	1019.0	59	WNW	5	b	1023.8	+2	56	+1	NNW	3	*	0	*	-	66	52					
Biarritz ...	1021.2	63	WNW	3	C	1024.3	+2	60	-3	N	3	*	0	2	-	66	59					
Paris ...	1016.3	61	N	3	0	1022.9	+3	52	+2	ENE	2	-	b	*	-	64	46					
Belfort ...	1015.1	62	W	6	C	1021.5	*	51	-1	WSW	3	*	f	*	-	66	50					
Lyons ...	1016.3	66	NW	3	b	1021.5	*	57	+2	NNW	1	*	C	*	-	70	52					
Nice ...	1007.7	68	SE	2	b	1016.7	+5	65	+4	-	0	*	b	3	-	81	55					
Perpignan ...	1015.9	73	NW	2	b	1021.5	+3	63	-3	NW	4	-	b	*	-	79	57					
Sanguinaire ...	*	70	W	3	m	*	*	67	-1	E	3	*	m	4	-	79	63					
SOUTHERN STATIONS.																						
Corunna ...	1023.5	61	NNE	5	b	1025.5	+1	55	-4	S	1	-	b	1	-	63	50	GALES. Duration and Extreme Force in British Islands.				
Madrid ...	1014.7	72	N	1	bc	1021.5	+2	63	+2	N	2	-	b	*	-	77	52					
Lisbon ...	1015.3	73	NNW	4	b	1018.7	+2	72	+11	N	4	-	b	2	-	75	61					
Azores ...	1024.4	*	SSW	3	m	1023.8	0	67	+1	SSW	5	*	0	3	-	73	66					
Madeira ...	1019.8	68	N	2	T	1021.5	0	63	-1	NE	3	-	b	3	-	72	63					
Gibraltar ...	1015.2	66	E	2	b	1016.9	*	68	+5	SE	4	*	m	1	-	74	62					
Malta ...	*	*	*	*	*	1015.0	+3	79	-5	ENE	1	-	b	1	-	93	73					
Limassol ...	*	*	*	*	*	1008.8	+1	91	+10	NN	1	-	b	0	-	97	64					
Alexandria ...	1008.3	75	NNE	4	bc	1010.6	+2	81	+4	N	2	-	b	1	-	82	73					
Cairo (Helwan) ...	1005.9	90	NE	4	b	1007.9	0	83	+8	NNE	4	-	b	*	-	104	73					
YESTERDAY'S REPORTS																						
..... 19th, 20 h. G.M.T.																						
Venice ...	1007.7	70	-	0	0	1003.9	*	64	-4	-	0	-	0	4	1	72	64	GALES. Duration and Extreme Force in British Islands.				
Pesaro ...	1007.4	72	-	0	bc	1004.6	*	73	+3	W	1	-	C	3	-	77	66					
Rome ...	1008.6	73	SW	1	0	1009.4	*	72	-7	SW	2	-	0	*	-	91	70					
Viesti ...	1006.7	75	-	0	0	1007.6	*	77	+5	SE	2	-	bc	5	-	81	63					
Brindisi ...	1010.6	79	SSE	3	bc	1011.1	*	81	+6	SE	4	-	bc	5	-	81	75					
Cagliari ...	1006.4	84	SE	2	0	1011.0	*	75	+2	NW	5	-	b	0	-	82						



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

Light or moderate winds from between

West and North-West; weather fine, cloudy at times;

moderate day temperature, cold at night.

Light or moderate Northerly winds; slight sea; fair.

FURTHER OUTLOOK.

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

NAPIER SHAW, Director

Millibars

1050

1040

1030

1020

1010

1000

990

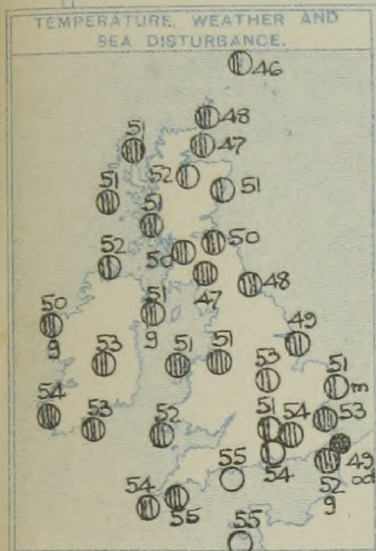
980

970

SYNOPTIC CHART FOR THE MORNING OF TUESDAY, 20TH JUNE, 1916.

GENERAL INFERENCE.

Anticyclonic conditions
are likely to prevail over the
country.



EXPLANATION.

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

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

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

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

WEATHER.—Shown by the following symbols:—

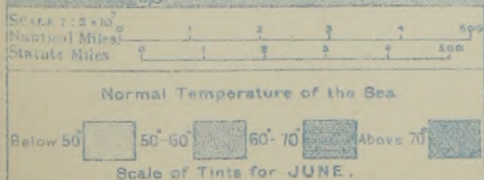
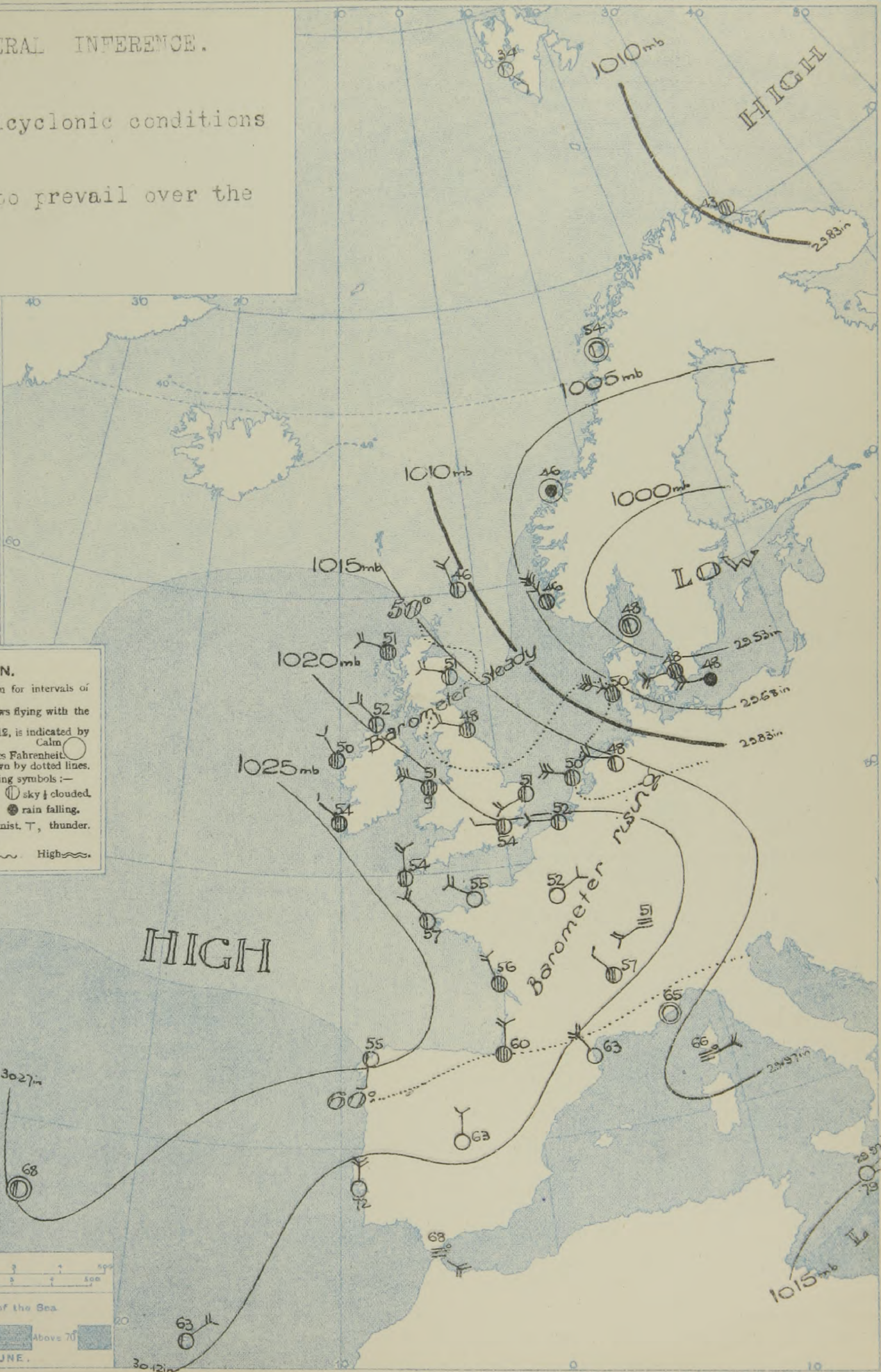
clear sky. sky 1/4 clouded. sky 1/2 clouded.

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

snow. hail. fog. mist. thunder.

thunderstorm.

SEA DISTURBANCE.—Rough High



REPORTS FROM RUSSIA FOR YESTERDAY.

Archangel ...	...	...	...	...	...	1001.7	+3	50	-4	SSW	4	*	0	0	?	*	32.
Gorki ...	...	...	...	...	...	1004.2	?	50	+4	SW	1	*	0	*	-	*	41
Vilki Luki ...	...	...	...	...	...	1009.9	*	48	+5	SSW	3	*	0	*	2	*	41
Hangö ...	...	...	...	...	...	1007.8	0	46	+5	-	0	*	0	*	-	*	37
Riga ...	...	...	...	...	...	1010.0	+1	50	+9	-	0	*	0	*	4	*	39
Petrograd ...	...	...	...	...	...	1004.7	+3	46	+4	WNW	3	*	0	*	8	?	45
Moscow ...	...	...	...	...	...	1012.3	+2	48	-2	WSW	3	*	0	*	-	*	45
Kiev ...	1014.9	52	S	2	b	1014.7	+1	54	-2	SSE	2	*	0	*	1	*	50
Kharkov ...	1016.8	50	-	0	b	1017.0	0	64	-2	SE	2	*	0	*	-	*	45
Kishinev ...	1017.0	61	SE	1	b	1015.3	?	63	+9	SSW	3	*	0	0	?	*	48
Elisabetgrad ...	1016.3	59	SW	1	bc	1016.8	0	63	+11	SSE	2	*	0	*	-	*	48
Nicolaiev ...	1017.5	61	S	3	b	1016.7	*	70	+15	SSE	3	*	0	*	-	*	48
Odessa ...	1016.0	63	SSW	3	b	1015.8	0	64	+3	SSW	3	*	0	*	-	*	61
Tarkhankout ...	1019.1	59	-	0	b	1018.7	?	66	0	SE	3	*	0	bc	*	*	55
Soukhom ...	1013.7	75	-	0	0	1016.3	?	73	-4	-	0	*	0	*	-	*	?

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 18h.	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 18h.	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	° F.	° F.						Mm.	Mm.	° F.	° F.			
Scotland.									England, E.								
Oban ...	1.4	-	-	58	46	b	bc. o.	11.0	Lowestoft ...	*	-	-	53	47	or	o.c. bc.	3.4
Banff ...	1.3	-	-	53	45	bc	bc.	9.5	Felixstowe ...	6.8	-	-	57	48	bc	bc.	3.5
Carnoustie ...	*	-	-	60	49	bc. c.	c.	9.1	Walton-on-Naze ...	*	-	-	59	50	c	c.	0.6
St. Andrews ...	*	-	-	59	44	*	*	9.4	Southend-on-Sea ...	5.4	-	-	59	50	c	c.	0.6
Eng. N.E.									England, S.E.								
Harrogate ...	4.2	-	-	58	45	c. bc. b.	b. bc.	8.7	Margate ...	7.4	-	-	56	48	c	cp. bc.	1.8
Skegness ...	0.0	-	-	53	47	og	og. b.	5.8	Ramsgate ...	7.0	-	-	57	48	o. bc.	bc.	3.5
									Hastings ...	*	-	-	61	49	o	o. bc.	0.8
									Eastbourne ...	7.5	-	-	62	48	o	bc.	1.0
Eng. N.W.									Seaford ...	-	-	-	62	50	c	c.	1.7
Morecambe ...	*	-	-	60	49			8.7	Brighton ...	-	-	-	62	50	c	c.	1.7
Blackpool ...	*	-	-	57	51	o. c. b.	b. bc.	8.7	Worthing ...	7.1	-	-	61	51	bc	o	2.1
Southport ...	0.9	-	-	57	51	o. c. b.	b. bc.	8.7	Littlehampton ...	*	-	-	64	43	o	bc. o.	3.5
Midlands.									Bognor ...	*	-	-	65	50	c	c. o.	6.1
Buxton ...	-	-	-	55	45	bc	bc.	1.0	Bournemouth ...	*	-	-	65	50	c	c. o.	6.1
Leamington Spa ...	3.7	-	-	58	47	bc	bc. o.	2.7									
Malvern ...	*	-	-	61	47	o	c. bc. b.	5.5	England, S.W.								
Ross-on-Wye ...	*	-	-	68	46	og. bc.	bc. b.	6.1	Weymouth ...	*	-	-	67	51	bc	bc. c.	5.5
Wales.									Torquay ...	13.6	-	-	65	50	c. o. c.	bc. b.	7.0
Rhyl ...	1.3	-	-	57	50	c. bc.	c. bc. b.	8.0	Paignton ...	*	-	-	61	52	bc	bc. b.	6.0
Colwyn Bay ...	*	-	-	57	49	bc	b.	7.8	Penzance ...	*	-	-	56	52	b	b.	5.0
Llandudno ...	*	-	-	58	50	b	b.	10.5	Newquay ...	9.9	-	-	60	53	o	o. c. bc.	7.2
Aberystwyth ...	*	-	-	57	49	o. c.	b. bc.	6.0	Bude ...	14.3	-	-	58	49	c. bc.	bc. b.	4.5
Tenby ...	*	-	-	62	48			9.4	Ilfracombe ...	*	-	-	58	49	c. bc.	bc. b.	4.5
									Weston-s-Mare ...	*	-	-	63	48	c. bc. b.	b. bc. c.	3.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total.	Average Rate.	Max. Rate.	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	916	Joules.	15½	Milliwatts.	78.	Milliwatts
				Max.	Min.											
%	%	Hr.	F.	F.	F.	mm.‡										
Greenwich (Royal Obsy.) ...	76	49	0.2	58	44	3.2	-	0	0.	abcob.						
City (Bunhill Row) ...	*	*	0.7	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	81	56	0.6	59	47	4.2	-	0	0	obmb	British Isles ...	h.	18	Corunna ...	h.	16
Camden Sq. (Brit. Rainfall)	67	43	1.0	61	46	4.4	-	0	c.o.	*	France ...	7	18	Madrid ...	8	16
Hampstead (Reservoir) ...	*	49	1.0	57	45	2.7	-	0.0	0c	0c.	Norway ...	7	18	Lisbon ...	7	21
S. Kensington (Museum Grounds)	*	47	0.7	59	49	3.7	-	0.c	c. 0c	0.c.	Denmark ...	6	18	Azores ...	8	17
Richmond Park ...	*	*	*	*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21
Kew. (See front page.)	*	*	*	*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																
Egypt ...																
6 18 Limassol... 6 —																

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

20th JUNE 1916.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.31	11.54	20.17
Greenwich ...	3.44	12.1	20.18
Wick ...	3.7	12.13	21.19
Valencia ...	4.22	12.42	21.2

NOTES ON YESTERDAY'S WEATHER.

Little sunshine was measured in the south-east of the country, but over 10 hours in the north. Temperature scarcely exceeded 60°. Slight rain fell at a few stations.

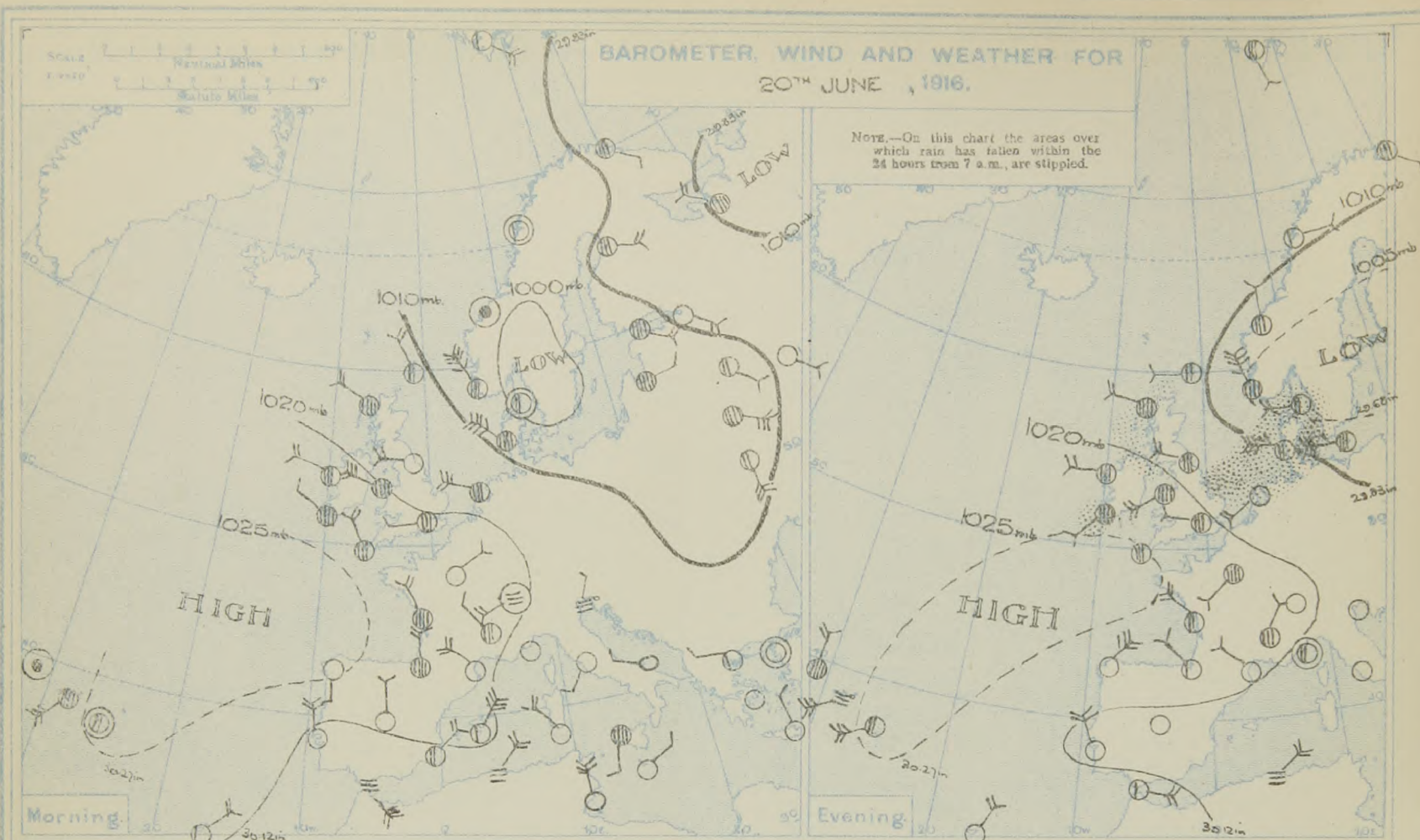
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain;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

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.

* 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 Coast.	South Coast.
North Coast.	North Coast.

No Warnings Issued.

Western Channel and Bay 1)

0 } Westerly to South-Westerly winds, light or moderate; cloudy, some showers, cool to warmer.

1 } North-Westerly or Westerly to South-Westerly winds, light or moderate; fair generally; temperature rising.

2 } South-Westerly or Southerly winds, light or moderate; cloudy, some rain or showers later; moderate temperature.

3 } South-Westerly winds, moderate or light; sea slight; fair to showery, some mist or fog.

FURTHER OUTLOOK.

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

NAPIER SHAW, Director.

Millibars

1050

1040

1030

1020

1010

1000

990

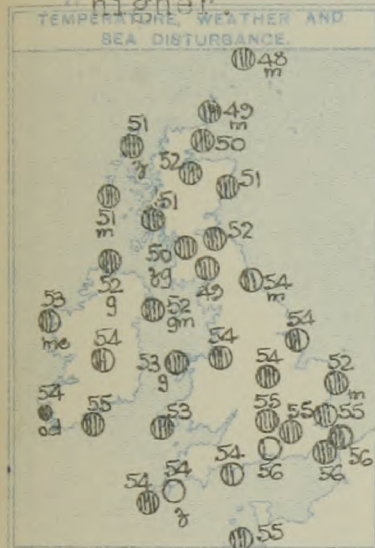
980

970

SYNOPTIC CHART FOR THE MORNING OF WEDNESDAY, 21ST JUNE, 1916.

GENERAL INFERENCE.

As the anticyclonic ridge moves slowly eastward the wind will become more South-Westerly or Southerly over the United Kingdom, and the general range of temperature higher.



EXPLANATION.

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

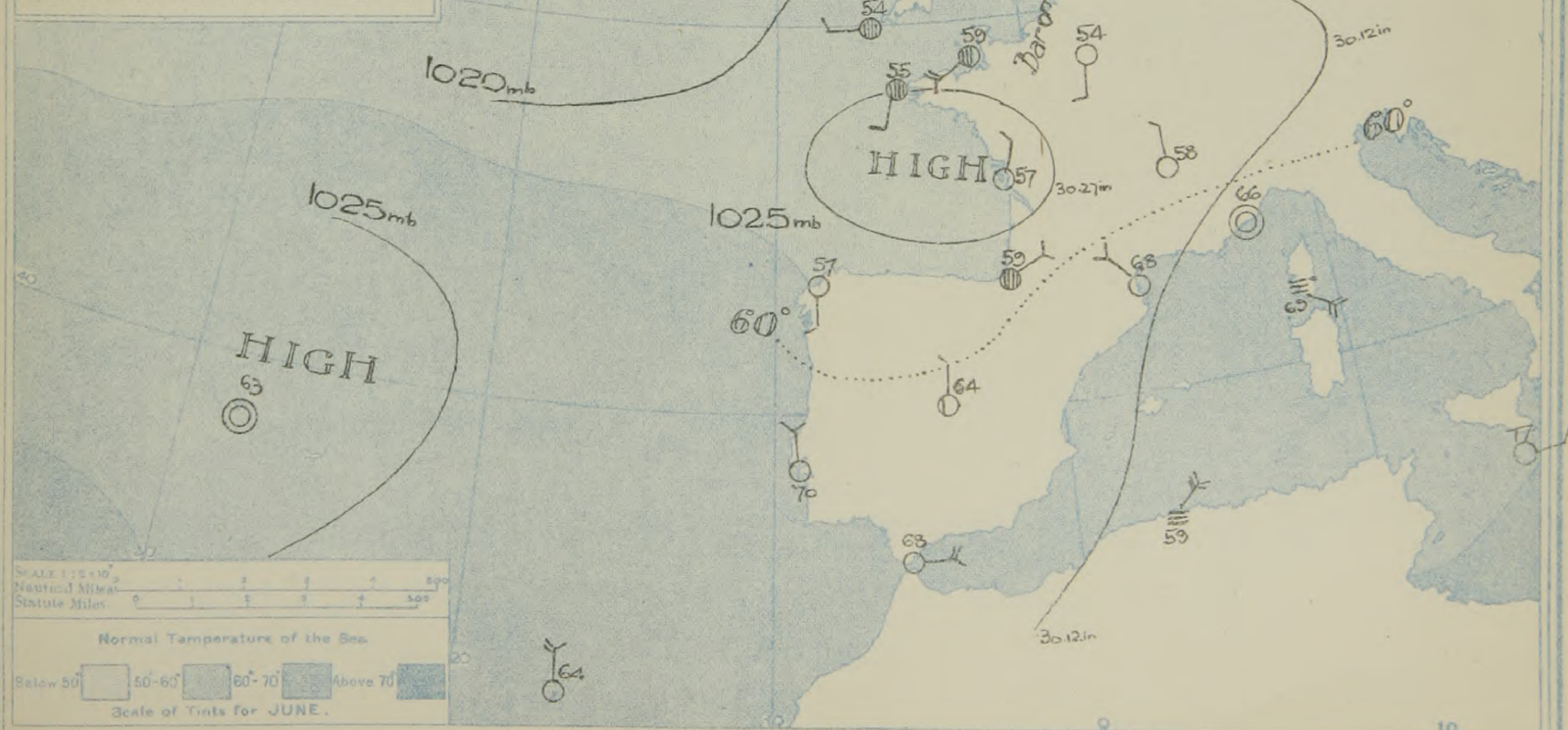
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

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. Ts, thunderstorm.

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



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	10 th ... AT 9 P.M. LOCAL TIME					20 th ... AT 7 A.M. LOCAL TIME.										Sea 0-9.	Rain fall. -Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. or Upper Cloud.	Weather.	Max.	Min.				
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours.	Direc.	Force 0-12.								
Archangel ...	1006.3	50	NW	2	o	1009.5	+4	46	-4	NW	3	*	o	*	10	*	45		
Gorki ...	1009.9	52	-	0	b	1001.7	*	55	-5	SE	5	*	o	*	-	*	39		
Veliki Luki ...	...	...	...	...	...	1007.3	*	55	+7	SE	2	*	bc	*	-	*	41
Hangö ...	1008.2	48	ESE	3	c	1005.2	-1	50	+4	ESE	3	*	o	*	-	*	37		
Riga ...	1007.8	54	-	0	b	1000.4	-5	54	+4	E	1	*	o	*	-	*	50		
Petrograd ...	1011.1	48	NW	3	b	1011.5	0	52	+6	SE	3	-	b	*	-	54	43		
Moscow ...	1013.2	55	SW	2	b	1014.6	0	55	+7	SE	2	*	b	*	-	*	45		
Kiev ...	1011.3	59	SE	4	c	1004.3	*	63	+9	S	5	*	bc	*	28	*	34		
Kharkov ...	1018.1	59	-	0	o	1015.8	-1	57	-7	S	1	*	r	*	1	*	45		
Kishinev ...	...	...	...	...	...	...	...	...	...	...	...	*	...	*	...	*	...
Elisabetgrad ...	1015.1	59	SE	2	c	...	...	...	...	...	...	*	...	*	...	*	...
Nicolaiev ...	...	...	...	...	...	...	...	...	...	...	...	*	...	*	...	*	...
Odessa ...	1014.3	66	SSW	4	o	...	...	...	...	...	...	*	...	*	...	*	...
Tarkhankout ...	1017.7	68	SSE	5	b	1012.8	*	68	+2	SSE	8	*	b	*	-	*	66		
Soukhoum ...	1018.9	73	-	0	b	1020.4	*	72	-1	-	0	*	bc	*	-	*	?		

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 19 th	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 19 th	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	° F.	° F.						Mm.	Mm.	° F.	° F.			
Scotland.									England, E.								
Oban ...	11.2	1	1	54	47	c	or	0.7	Lowestoft ...	6.2	1	1	62	41	bc, c	c, ou	3.5
Banff ...	12.2	-	-	56	42	bc	bc, c	5.2	Felixstowe ...	4.2	-	-	63	48	bc	bc	5.3
Carnoustie ...	9.1	-	-	62	53	bc, c	c, o	2.6	Walton-on-Naze ...	*	-	-	61	47	c, bc, b	bc	5.9
St. Andrews ...	9.6	-	-	62	38	c	c	3.2	Southend-on-Sea ...	0.6	-	-	65	49	bc, b	b, bc	5.2
Eng., N.E.									England, S.E.								
Harrogate ...	9.2	-	-	61	40	c, bc	b, bc	4.3	Margate ...	2.4	1	-	63	47	c	bc	2.6
Skegness ...	7.8	-	-	59	41	b, bc	ou, p	3.2	Ramsgate ...	5.2	0.3	1	61	45	r, o	c	2.5
Eng., N.W.									Hastings ...	0.8	*	*	61	49	o, bc, b	o, bc	3.4
Morecambe ...	9.7	-	-	58	50	-	-	1.5	Eastbourne ...	1.0	2	1	62	51	b	bc	5.6
Blackpool ...	...	-	-	...	...	...	...	...	Seaford ...	1.7	1	*	63	47	o, c	bc	6.6
Southport ...	11.4	-	-	57	50	o, c	c, o	0.0	Brighton ...	...	1	-	64	49	bc	bc	6.1
Midlands.									Worthing ...	2.3	2	-	63	52	bc	c	5.3
Buxton ...	...	-	-	...	...	...	...	...	Littlehampton ...	3.5	3	-	64	52	o, bc	bc, o	6.5
Leamington Spa ...	5.2	-	-	61	41	o	o, bc	2.8	Bognor ...	...	-	-	63	46	b, bc	c	7.5
Malvern ...	8.0	-	-	60	45	c	bc, c	2.9	Bournemouth ...	6.1	-	-	63	46	b, bc	c	7.5
Ross-on-Wye ...	7.8	-	-	65	38	c, bc	bc	2.7	Weymouth ...	5.5	-	-	66	47	b, bc	bc, c	6.5
Wales.									Torquay ...	9.6	-	-	63	47	b, bc, c	c	9.1
Rhyl ...	10.7	-	-	58	48	c, bc, c	c, bc, c	1.5	Paignton ...	...	-	-	62	52	bc	bc	5.5
Colwyn Bay ...	7.8	-	-	58	47	c, bc	bc, o	1.2	Penzance ...	8.5	-	-	59	53	bc	bc	7.0
Llandudno ...	10.5	-	-	59	50	c	c	1.3	Newquay ...	7.2	-	-	61	41	bc	b	7.6
Aberystwyth ...	6.0	-	-	58	48	o, c	c, o	1.5	Bude ...	9.4	-	-	57	44	c, bc	bc, c	2.5
Tenby ...	11.4	-	-	63	43	-	-	2.0	Ilfracombe ...	4.5	-	-	60	45	b, bc, c	c, bc, c	4.0
Weston-s-Mare ...	...	-	-	...	...	...	...	...	Weston-s-Mare ...	3.5	-	-	60	45	b, bc, c	c, bc, c	4.0

LONDON OBSERVATIONS.

STATIONS.	Humidity.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	15 h. Yester- day.	9 h. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.				
Greenwich (Royal Obs.) ...	52	64	77	65	51	46	c	e	c, o
City (Bunhill Row) ...	*	*	8.6	*	*	*	*	*	*
Westminster (St. James's Pl.)	58	68	9.6	67	51	45	bc	bc	bc, o
Camden Sq. (Brit. Rainfall)	67	57	10.0	69	51	47	b	b, bc	*
Hampstead (Reservoir) ...	*	65	9.3	63	48	30	c	c, o	o
S. Kensington (Museum Grounds)	*	62	9.3	65	49	37	bc	b, bc	bc, o
Richmond Park ...	*	*	*	*	*	*	*	*	*
Kew. (See front page.)	*	*	9.2	*	*	*	*	*	*
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									

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

21 st 1916	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.31	G.M.T. 11.54	G.M.T. 8.17
Greenwich ...	3.32	11.55	8.18
Wick ...	3.44	12.1	8.18
Valencia ...	3.45	12.2	8.19
	3.7	12.3	8.19
	3.8	12.4	8.20
	4.22	12.42	9.2
	4.23	12.43	9.3

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 60° or slightly higher in many parts of the Kingdom. Little bright sunshine was recorded over the east and south-east coasts, but several places in the north-west, West and south-west experienced many 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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 174.

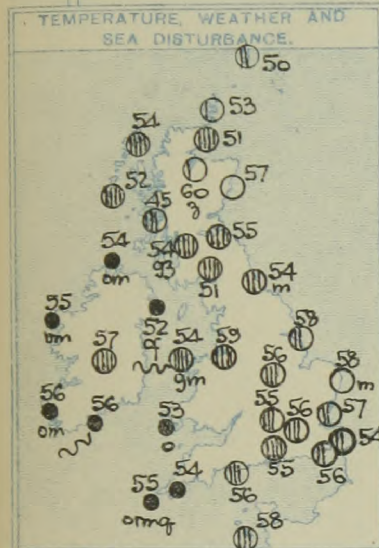
Thursday.
22nd June.

	STATIONS.	YESTERDAY EVENING.					THIS MORNING										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.			
				Dirce.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours. °F.	Dirce.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick ...	10140	51	WSW	2	om	10128	0	50	+2	SSW	2	S	bcm	1	0.2	53	48	om	om	o.bcm	*
	Deerness (Orkney)	10152	53	SSW	2	oz	10108	*	53	+4	S	4	SW	bz	3	-	57	47	om o	o	o.e.bcm	0.1
	Stornoway ...	10135	56	SW	5	bz	10093	0	54	+3	S	2	-	oz	2	-	59	51	oc oz	o.bcz	coz	3.2
	Castlebay (Barra Isd.)	10136	54	ESE	4	op	10090	-1	52	+1	SE	4	-	om	4	1	55	49	om c	op	op. ocpm	1.5
	Glasgow ...	10167	59	W	3	c2	10125	-3	54	+4	SE	2	-	ozg	*	-	60	49	oz	o.c2	oz. ozg	1.9
	Eskdalemuir	10180	54	S	3	bc	10138	-2	51	+2	SSE	2	-	o	*	0.1	55	48	o.c. o	o.c. bc	bc. odm	1.1
	Malin Head ...	10132	62	SSW	3	cg	10074	+4	54	+2	SE	2	-	omr	2	1	65	52	bc	cg	cg	2.5
	Blacksod Point	10116	56	SW	5	omd	10051	-3	55	+2	-	0	-	omr	2	3	58	52	om	cmp.	o.fear	*
	Valencia ...	10133	57	SSE	3	m	10044	-2	56	-2	SSE	3	-	omr	0	13	57	54	odr	mdr	door	0.0
	Roche's Point	10176	55	S	2	f	10087	*	56	+1	SSE	4	-	r	5	2	57	53	o.c	ocrf	fr	*
	Birr Castle ...	10149	58	SE	2	c	10063	*	57	+3	SE	2	-	o	*	6	62	53	c	c	ono	0.5
	Donaghadee ...	10160	59	SSE	3	bz	10107	-3	52	0	S	4	-	ofr	3	1	62	52	cz	bz	ofgr	*
	Liverpool (Bidsion)	10191	58	WNW	1	bc	10138	-3	59	-5	SE	2	S	o	2	-	65	54	bc	bc	r	3.5
	Holyhead ...	10186	55	SW	5	bcf	10121	-2	54	+1	SSE	6	-	omg	5	Trace	59	53	o.c. o.c	c. bc	o.c. r	5.0
	Pembroke (St. Ann's)	10200	54	SW	3	c	10139	-2	53	0	S	4	-	or	4	6	57	52	oc	c	opr	0.2
	Scilly (St. Mary's)	10205	57	S	3	o	10124	-3	53	+1	S	4	SW	omgr	4	1	61	54	oc	c. o	omprg	2.0
	Falmouth ...	10209	57	SSE	3	c	10142	-3	54	0	S	3	-	r	*	1	61	53	ogpc	c	bc. or	0.8
	Jersey (St. Aubin)	10229	59	SSW	2	c	10174	*	58	+3	SSE	2	-	c	1	-	61	50	co	oc.	o.c	2.1
	Portland Bill ...	10223	55	WSW	4	c	10169	-3	56	+2	SSE	3	SW	c	3	-	57	49	bc. c	c	bc. c	*
	Dungeness ...	10217	56	SW	4	c	10195	-1	56	0	SW	2	W	bc	2	-	61	49	oc	c	c. bc.	*
	Dover ...	10219	56	SW	4	bc	10195	+1	54	-2	SSW	2	SW	bc	2	-	60	47	c. bc. c	bc. c. bc.	o. bc. c	3.4
	Wick ...	10149	52	-	0	o	10110	-2	51	+1	S	3	-	b	2	-	56	47	om	om	c. bz	*
	Nairn ...	10142	64	W	1	bc	10107	*	60	+8	-	0	-	bz	0	-	64	42	og	c. bc	bc. w2	3.7
	Aberdeen ...	10156	56	S	4	b	10132	-1	57	+6	S	3	-	b	2	-	60	47	o	o.c. b	b	5.0
	Leith ...	10163	60	W	1	bc	10130	-2	55	+3	SE	1	-	o	1	-	66	49	o	o.c. bc	bc. o. o	*
	Tynemouth ...	10182	55	S	2	om	10155	-2	54	+2	S	1	-	cm	2	-	61	48	om	cm	cm	*
	Spurn Head ...	10199	54	SSE	4	c	10164	-1	58	+4	SSW	3	-	bc	4	-	58	52	c	c	bc	3.1
	Yarmouth ...	10208	60	-	0	c	10190	-1	58	+6	WSW	2	-	bm	1	-	65	52	om	om c	bc. bm	1.3
	Clacton-on-Sea	10208	60	WSW	2	o	10192	-1	57	+2	SSW	2	-	bc. m	1	-	66	50	c	co	bc. w. z	2.8
	Nottingham ...	10195	61	SW	2	c	10166	*	56	+2	S	2	S	c	*	-	64	50	oc	oc	c	0.2
	Benson (Oxon.)	10207	63	WSW	2	c	10180	-2	55	0	S	3	-	c	*	-	66	44	o	c	bc.	*
	Sth Farnborough	10206	62	SW	4	o	10180	-1	55	-1	SE	1	-	o	*	-	65	45	bc	a	abc. bc	3.6
	London (Kew Obsy.)	10207	64	SW	2	o	10167	-2	56	+1	SSW	2	SW	c	*	-	63	47	o	o	o. bc.	2.1
NORTHERN EUROPE.	Spitsbergen ...	10100	36	SE	6	o	10101	0	37	0	SSE	2	*	r	*	*	39	34	UPPER AIR. South Farnborough. Pilot Balloon Ascent at ... 6.30 p.m. 1,800 metres, S.W. by S. 9 m.p.s. 1,500 " S.W. 7 " 1,200 " S.S.W. 9 " 900 " S.S.W. 10 " 600 " S.S.W. 7 " 300 " SE 5 " Surface SE 1 "			
	Vardö ...	10164	41	N	2	bc	10183	+2	39	-6	SE	1	-	o	2	*	45	37				
	Bodö ...	10100	57	-	0	b	10144	+1	48	-3	SW	1	-	o	1	-	59	48				
	Christiansund	10144	50	E	3	c	10181	0	52	+2	-	0	-	c	0	-	55	?				
	Skudesnaes	10154	54	NW	3	b	10163	0	55	+9	-	0	-	b	0	-	55	41				
	Færder (X'ania Fjord)	10104	57	W	4	b	10132	+2	54	+4	W	4	-	b	4	-	61	50				
	The Scaw (Skagen)	10172	54	NW	3	b	10190	+1	50	+2	WNW	2	-	o	2	-	55	46				
	Blaavands Huk	10172	57	NW	4	c	10167	+2	52	+4	NNW	5	-	c	*	3	57	46				
	Copenhagen ...	10124	57	NW	4	c	10167	+2	52	+4	NNW	5	-	c	*	3	57	46				
	Bornholm	10099	50	WNW	6	r	10146	+2	50	+2	NW	5	-	m	2	2	52	46				
FRANCE, &c.	The Helder ...	10207	54	W	2	o	10195	0	55	+1	SSW	2	-	c	1	-	55	52	Aberdeen: 7th. 22 nd June 1,200 metres, S.W. by W. 15 m.p.s. 900 " S.W. by W. 13 " 600 " S.W. by S. 11 " 300 " S.W. by W. 5 " Surface S. 5 "			
	C. Gris Nez ...	10206	57	WSW	3	bc	10197	0	57	+1	SW	3	*	bc	2	-	63	52				
	La Hève ...	?	57	-	0	o	?	*	61	+2	SE	4	*	bc	2	-	66	54				
	Brest (St. Mathieu)	10231	59	S	3	c	10162	-3	57	+2	S	4	*	o	3	-	61	54				
	Roche fort (Ile d'Aix)	10231	62	NW	3	b	10186	-2	60	+3	SE	2	*	b	*	-	72	54				
	Biarritz	10212	65	NNE	3	b	10190	-2	64	+5	E	1	*	b	0	-	70	55				
	Paris ...	10221	66	-	0	bc	10204	-1	63	+9	SSE	1	-	b	*	-	72	50				
	Belfort ...	10221	66	W	4	bc	10229	*	56	-	E	2	*	m	*	-	70	48				
	Lyons ...	10215	68	NNE	1	bc	10208	*	62	+4	-	0	*	b	*	-	73	54				
	Nice ...	10147	68	-	0	b	10189	+1	66	0	-	0	*	b	0	-	79	57				
SOUTHERN STATIONS.	Perpignan ...	10191	77	NW	2	bc	10191	0	70	+2	W	1	-	b	*	-	84	54				
	Sanguinaire ...	*	73	W	3	m	*	*	65	-4	E	3	*	m	3	-	79	59				
	Corunna ...	10229	63	NNW	3	b	10186	-2	62	+5	S	1	W	bc	1	-	63	52				
	Madrid ...	10171	78	-	0	b	10191	0	68	+4	NNE	1	-	b	*	-	?	?				
	Lisbon ...	10193	81	NW	4	b	10189	0	66	-4	NNW	2	-	b	2	-	84	61				
	Azores ...	10255	*	WSW	5	b	10261	0	63	0	NNW	1	*	bc	1	-	72	61				
	Madeira ...	10212	73	E	3	b	10213	0	63	-1	NE	2	-	b	2	-	75	63				
	Gibraltar ...	10210	69	E	4	b	10196	*	65	-3	SE	4	*	b	2	-	75	59				
	Malta ...	*	*	*	*	*	10182	+1	77	0	NE	3	-	b	2	-	86	73				
	Limassol ...	*	*	*	*	*	10066	0	99	-4	SE	1	-	b	2	-	108	72				
MEDITERRANEAN.	Alexandria ...	10073	79	N	2	b	10078	0	85	+4	-	0	-	b	0	-	86	79				
	Cairo (Helwan) ...	10057	97	N	3	c	10055	+1	85	-5	NNW	3	-	bc	*	-	111	79				
	YESTERDAY'S REPORTS	... 20 th ... 20 h. c.m.t.					... 21 st ... 7 h. c.m.t.															
	Venice ...	10161	70	SSE	1	b	10170	*	70	+2	-	0	-	m	3	-	75	64				
	Pesaro ...	10170	72	-	0	bc	10172	*	72	-1	SSW	1	SW	b	3	-	77	61				
	Rome ...	10167	70	W	1	bc	10176	*	68	-5	NE	1	-	bc	*	-	81	59				
Viesti ...	10170	73	-	0	b	10160	*	75	0	-	0	-	b	5	-	84	77					
Brindisi ...	10140	70	-	0	b	10124	*	77	+2	N	1	S	f	2	-	77	68					
Cagliari ...	10160	82	W	4	f	10176	*	72	-7	NW	6	-	b	5	-	84	55					
Palermo ...	10153	75	-	0	o	10184	*	75	+3	-	0	-	b	1	-	82	64					
Tripoli ...	*	*	*	*	*	*	*	*	*	-	-	-	*	*	-	*	*					
Algiers ...	10175	68	NE	4	f	10186	0	59	-11	NE	5	-	f	5	Trace	73	59					

SYNOPTIC CHART FOR THE MORNING OF THURSDAY, 22ND JUNE, 1916.

GENERAL INFERENCE.

The large depression on the Atlantic will continue to extend over the United Kingdom for the present.



EXPLANATION.

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

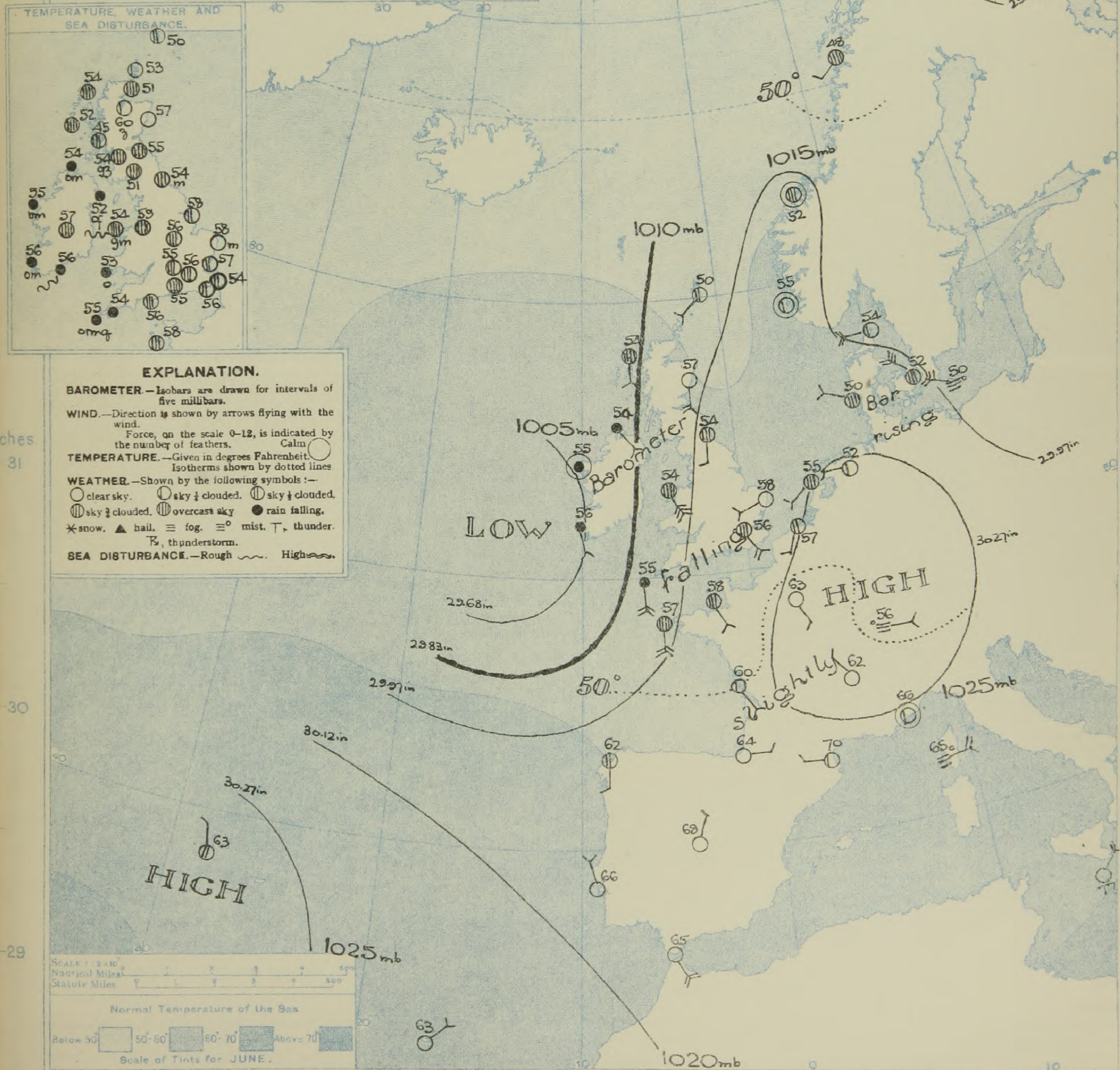
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

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

WEATHER.—Shown by the following symbols:—

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

SEA DISTURBANCE.—Rough wavy line. High wavy line.



REPORTS FROM RUSSIA FOR YESTERDAY.

Archangel	-	-	-	-	-	1016.2	0	45	-1	NE	3	*	b	H	-	*	39
Gorki	-	-	-	-	-	1014.3	4.5	52	-3	WSW	2	*	b	*	16	*	45
Veliki Luki	-	-	-	-	-	1011.7	*	50	-5	SSW	3	*	0	*	5	*	45
Hangö ...	999.1	48	E	5	r	995.9	+2	46	-4	ENE	3	*	0	*	-	*	43	
Riga ...	1015.9	48	SW	5	bc	1003.1	0	52	-2	SSW	4	*	r	*	24	*	46	
Petrograd ...	1002.1	57	ENE	5	0	1004.2	+4	50	-2	SW	4	-	c	*	10	61	46	
Moscow	-	-	-	-	-	1012.0	+4	54	-1	W	4	*	b	*	14	*	50
Kiev ...	1010.7	57	WNW	3	b	1022.0	+3	55	-8	-	0	*	b	*	10	*	46	
Kharkov ...	1013.1	61	-	0	b	1024.3	+4	57	0	-	0	*	b	*	10	*	48	
Kishinev ...	1019.7	66	NW	2	b	1023.1	+2	61	.	E	2	*	b	*	-	*	54	
Elisabetgrad ...	1017.2	61	WNW	3	b	1023.1	+3	57	.	NNW	2	*	b	*	-	*	46	
Nicolaiev ...	1016.4	72	NW	3	b	1022.9	*	61	.	ENE	2	*	bc	*	-	*	55	
Odessa	-	-	-	-	-	1022.7	+3	64	.	ESE	3	*	bc	*	-	*	61
Tarkhankout ...	1016.6	68	S	2	b	1021.1	?	79	+9	NE	4	*	bc	*	-	*	64	
Soukhom ...	1018.9	75	-	0	b	1019.1	-	79	+7	-	0	*	b	*	-	*	?	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY. UP TO 17h.

STATIONS.	Sun- shine for	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	° F.	° F.						Mm.	Mm.	° F.	° F.			
Scotland.									England, E.								
{ Oban ...	0.7	1	-	61	49	o.c	bc	4.5	{ Lowestoft ...	3.5	-	-	64	46	o.c	c	1.0
{ Banff ...	5.2	0.1	-	58	48	c.bc	bc.c	0.5	{ Felixstowe ...	5.5	-	-	65	46	c.bc	bc.c	2.7
{ Carnoustie ...	2.6	-	-	63	54	o.c	c	0.7	{ Walton-on-Naze ...	5.9	-	-	64	48	bc.b	bc	1.9
{ St. Andrews ...	3.4	-	-	62	49	bc	c	0.7	{ Southend-on-Sea ...	6.6	-	-	66	53	o.c	o.c	1.0
Eng. N.E.									England, S.E.								
{ Harrogate ...	5.6	-	-	62	48	o.c	bc.c	1.9	{ Margate ...	3.3	-	-	64	51	bc	c	4.5
{ Skegness ...	3.2	-	-	63	46	o.bc	bc.o	0.5	{ Ramsgate ...	4.0	-	-	64	50	c	c.o	3.1
Eng. N.W.									{ Hastings ...	3.4	-	-	61	51	o.c	bc	4.1
{ Morecambe ...	1.5	-	-	60	50	-	-	2.7	{ Eastbourne ...	5.6	-	-	61	51	-	-	7.5
{ Blackpool ...	...	-	-	...	...	...	...	...	{ Seaford ...	8.2	-	-	61	46	b	c	7.0
{ Southport ...	0.0	-	-	61	53	o	o.bc	3.3	{ Brighton ...	...	-	-	...	...	...	...	...
Midlands.									{ Worthing ...	7.5	-	-	63	49	bc	c	7.9
{ Buxton ...	...	-	-	57	48	bc	bc	1.5	{ Littlehampton ...	8.5	-	-	64	49	b.bc	bc.o	8.6
{ Leamington Spa ...	2.8	-	-	62	45	o.bc	o.bc	1.2	{ Bognor ...	...	-	-	...	...	...	...	...
{ Malvern ...	2.9	-	-	60	49	c	c	0.2	{ Bournemouth ...	7.5	-	-	63	44	c	c	4.1
{ Ross-on-Wye ...	3.0	-	-	64	48	c.bc	bc.b	0.8	England, S.W.								
Wales.									{ Weymouth ...	6.5	-	-	66	45	b.bc	bc.c	8.0
{ Rhyl ...	1.5	-	-	65	52	o.c.bc	bc.c.bc	3.8	{ Torquay ...	...	-	-	...	...	...	...	...
{ Colwyn Bay ...	1.2	-	-	65	53	bc	bc	3.2	{ Paignton ...	...	-	-	...	...	...	...	...
{ Llandudno ...	1.3	-	-	62	53	c	b	5.8	{ Penzance ...	7.3	-	-	60	50	o.c	c	1.3
{ Aberystwyth ...	1.5	-	-	59	52	o.c	c.o	0.0	{ Newquay ...	7.0	-	-	63	50	b.bc.o	o	1.5
{ Tenby ...	4.2	-	-	60	54	-	-	0.9	{ Bude ...	9.8	-	-	62	53	o	o	0.2
									{ Ilfracombe ...	2.5	-	-	59	44	o.c.bc	bc.c.o	2.0
									{ Weston-s-Mare ...	4.3	-	-	64	49	b.bc.c	bc.b.bc	2.8

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	15 h. Yester- day.	9 h. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.				
Greenwich (Royal Obs.) ...	58	73	2.5	69	45	32	c.	c.bc	bc.
City (Bunhill Row) ...	*	*	1.7	*	*	*	*	*	*
Westminster (St. James's Pk.) ...	61	81	2.6	66	49	43	bc	bc	bc.o.m
Camden Sq. (Brit. Rainfall) ...	59	65	2.9	69	49	46	c.bc	o	*
Hampstead (Reservoir) ...	*	73	1.7	63	47	32	o	o.c	c.bc.o.m
S. Kensington (Museum Grounds) ...	*	69	2.1	66	50	40	o	o	o.bc.b
Richmond Park ...	*	*	*	*	*	*	*	*	*
Kew. (See front page.) ...	*	*	2.1	*	*	*	*	*	*
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									

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

22 nd June 1916.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.32	11.55	20.18
Greenwich ...	3.45	12.2	20.19
Wick ...	3.8	12.14	21.20
Valencia ...	4.23	12.43	21.3

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 65° in several parts of England. Bright sunshine was not very prevalent over the Kingdom generally. In many districts there was very little.

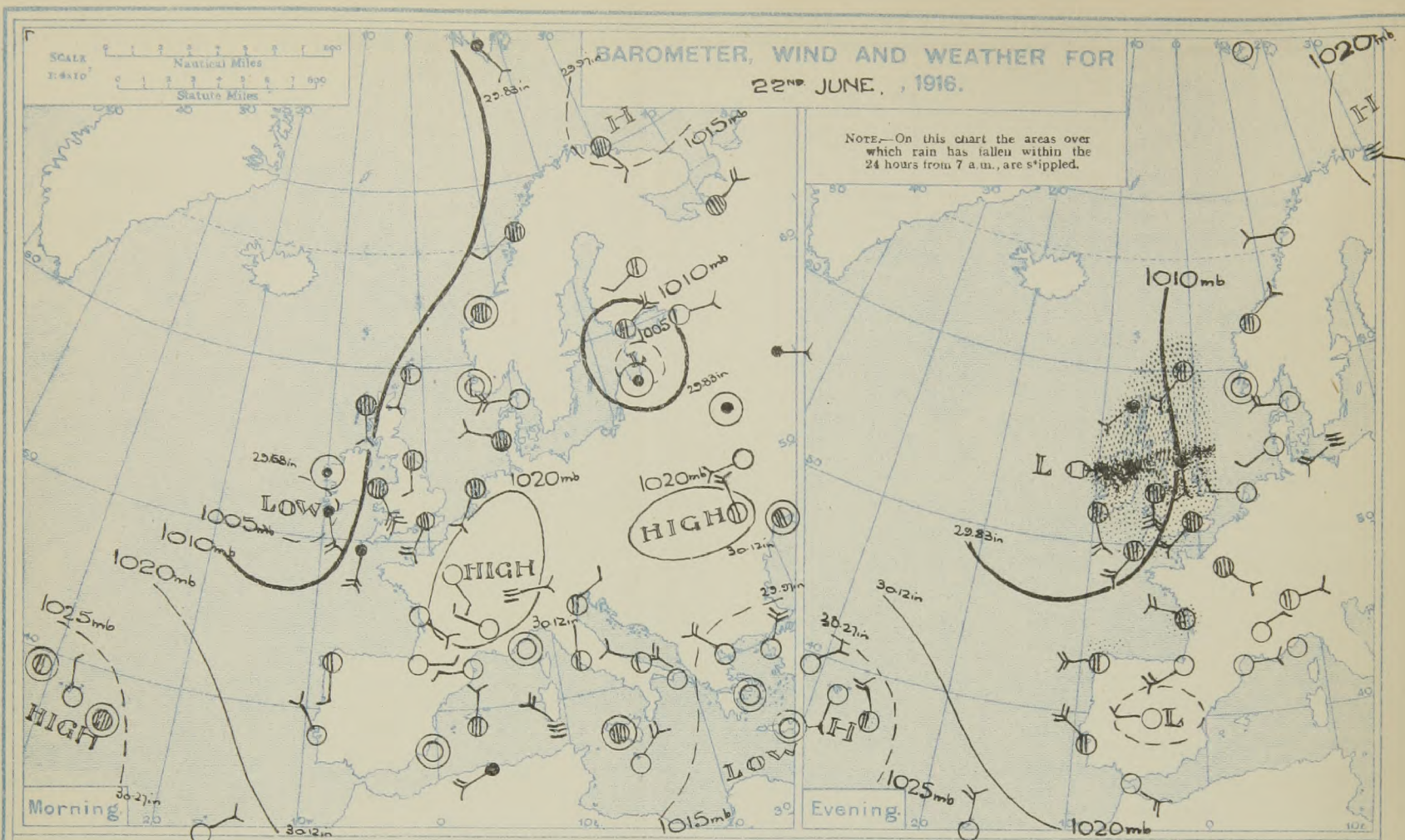
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; 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, 1916. No. 175.

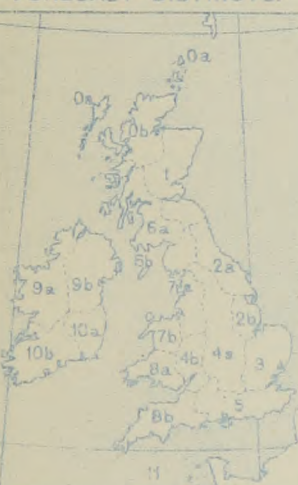
Friday
23rd June

STATIONS.	YESTERDAY EVENING					THIS MORNING										PAST 24 HOURS						Sun. Shine 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.					
			Dir.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Dir.	Force 0-12.	Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
Lerwick ...	10120	52	SSW	2	om	10112	0	50	0	S	3	-	fd	2	3	56	49	bc, br	bc, m	om, fd	*	
Deerness (Orkney) ...	10088	52	S	4	fe	10088	*	52	-1	S	4	SW	m	3	4	56	49	b	bc, of	f, m	97	
Stornoway ...	10070	54	SW	2	or	10082	+2	52	-2	SE	1	-	or, f	1	10	60	52	codp	or	or, f	17	
Castlebay (Barra Isd.) ...	10058	52	E	4	r	10081	+1	53	+1	SE	4	-	om	4	17	53	51	omr	r	rom	0.0	
Glasgow ...	10091	54	SSE	2	omr	10103	+2	54	0	S	1	-	omg	*	13	56	52	omr	rm	romp	0.0	
Esksdalemuir ...	10097	53	SE	1	omr	10108	+1	53	+2	SE	2	-	o	*	6	60	50	odm	omr	ormo	0.0	
Malin Head ...	10035	57	SE	4	omp	10070	+2	53	+1	SE	1	S	b	1	Trace	62	52	omr	omp	bc	0.4	
Blacksod Point ...	10028	54	N	2	omr	10059	+3	53	-2	NW	1	-	om	1	12	59	52	cgm	om.	omr, fe	*	
Valencia ...	10019	60	SSE	3	c	10061	+3	53	-3	NW	3	-	or	3	7	63	52	opc	cb	oc, or	2.0	
Roche's Point ...	10054	58	SSW	2	bc	10051	*	56	0	SE	2	-	r	3	14	59	53	r, f	rac, bc	or	*	
Birr Castle ...	10033	57	SSE	1	c	10057	*	56	-1	SE	1	-	c	*	14	61	51	op	opc	cb	0.2	
Donaghadee ...	10065	52	S	4	ofgr	10091	+3	52	0	S	3	-	of	2	7	54	50	ofgr	ofgr	ofmpd	*	
Liverpool (Bidston) ...	10098	55	SE	3	o	10102	+1	58	-1	ESE	2	S	b	2	2	62	51	o	or	o, c, b	0.0	
Holyhead ...	10078	55	S	5	omg	10084	0	56	0	S	5	-	bc	4	8	57	54	o, or, m	or, m	opd, bc	0.0	
Pembroke (St. Ann's) ...	10083	54	SSW	4	o	10086	+1	54	0	SSW	4	S	c	4	12	54	52	or, ofr	ofr, o	o, c	0.0	
Scilly (St. Mary's) ...	10086	58	SSW	3	cm	10085	-1	55	0	SW	3	SW	bc, m	5	5	59	52	omp	om, cm	om, bc, m	2.8	
Falmouth ...	10093	56	SSW	4	om	10092	+1	55	+1	SSW	4	-	c	*	7	56	52	r, m	odmo	om, bc, c	0.0	
Jersey (St. Aubin) ...	10130	63	S	2	o	10126	*	57	-1	SSW	2	-	og	1	1	66	58	co	op, o	op, og	0.8	
Portland Bill ...	10126	55	ESE	2	o	10118	+1	58	+2	SSW	1	SW	c	3	2	59	53	cor	op	c, om	*	
Dungeness ...	10143	58	E	3	o	10127	+1	58	+2	W	1	-	c	2	-	63	55	bc	bc, c, o	bc	*	
Dover ...	10151	59	SE	1	o	10134	+2	62	+8	SE	2	SW	o	2	0.2	65	53	bc	bc, c, o	op, o	7.7	
Wick ...	10086	52	S	2	o	10086	+1	53	+2	S	2	-	mb	3	4	56	48	bc, m	bc, op, d	od, bc, m	*	
Nairn ...	10081	58	-	0	or	10086	*	60	0	-	0	-	bz	0	18	67	52	bc, g	dno	rg, bc	5.8	
Aberdeen ...	10096	53	SSE	4	oz	10105	+2	58	+1	SSE	2	-	cz	2	2	60	51	bc, cz	c, oz	oz, r, o	6.8	
Leith ...	10096	55	SE	1	r	10096	0	58	+3	SE	1	S	c	1	9	59	52	o	r	rom, c	*	
Tynemouth ...	10105	60	S	2	omr	10112	0	54	0	SSW	1	S	cm	2	2	64	52	cm	om	cm	*	
Spurn Head ...	10133	61	S	3	o	10124	0	55	-3	S	4	-	c	3	1	64	53	bc	bc, o	o	5.8	
Yarmouth ...	10155	56	SSW	4	c	10131	0	56	-2	SE	1	-	om	2	1	60	55	bc, bc	bc, c	c, op	10.8	
Clacton-on-Sea ...	10149	58	SE	2	o	10130	+1	60	+3	SSE	2	-	o	2	1	62	56	bc, bc	bc, c, og	og, d, or	6.4	
Nottingham ...	10125	59	SSW	2	o	10114	*	61	+5	S	1	S	c	*	1	66	54	c	op, o	op	1.7	
Benson (Oxon.) ...	10123	62	S	4	o	10121	+2	61	+6	S	3	-	o	*	-	66	54	o	o	o	*	
St. Farnborough ...	10129	65	S	3	o	10120	+1	62	+7	S	3	-	o	*	-	68	55	o, bc, o	or, o	or, o	2.0	
London (Kew Obs.) ...	10138	66	SSW	3	o	10127	+2	61	+5	S	1	-	o	*	Trace	69	55	c, o	o	o, op, o	2.7	
NORTHERN EUROPE.																						
Spitsbergen ...	10206	37	SE	1	f	10230	+3	41	+2	SE	2	-	f	3	*	41	36	UPPER AIR. South Farnborough. Pilot Balloon Ascent at 6.39 h.				
Vardö ...	10163	54	W	2	b	10184	0	57	+9	-	0	-	b	1	-	57	45	1500 metres, SSW, 10 m.p.s.				
Bodö ...	10168	57	NE	2	c	10173	0	52	0	-	0	-	b	2	-	57	45	1200 " SSW, 9 "				
Christiansund ...	10166	55	-	0	b	10181	+1	54	-1	S	4	-	m	3	-	55	54	900 " SSW, 11 "				
Skudesnaes ...	10167	55	W	3	b	10202	+1	52	-2	SSW	1	-	bc	1	-	57	46	600 " S by W, 9 "				
Færder (Xlauna Fjord) ...	10198	57	SW	1	b	10198	0	55	+5	SSE	2	-	c	2	-	59	50	300 " S, 5 "				
The Scaw (Skagen) ...	10195	59	NNW	3	b	10223	+2	54	+2	-	0	-	m	4	-	61	48	Surface S by E, 2 "				
Blaavands Huk ...	10191	54	WSW	3	m	10220	+2	54	+4	WSW	2	-	m	0	-	55	45	mian				
Copenhagen ...	10191	54	WSW	3	m	10220	+2	54	+4	WSW	2	-	m	0	-	55	45					
Bornholm ...	10191	54	WSW	3	m	10220	+2	54	+4	WSW	2	-	m	0	-	55	45					
FRANCE, &c.																						
The Helder ...	10173	61	WNW	1	b	10155	0	63	+8	SE	2	SW	b	0	-	63	55	GALES. Duration and Extreme Force in British Islands.				
C. Gris Nez ...	10150	64	E	2	o	10139	+1	61	+4	S	2	-	o	1	-	70	57					
La Hève ...	10137	70	S	4	bc	10140	*	64	+3	-	0	-	o	0	-	79	61					
Brest (St. Mathieu) ...	10120	57	S	4	m	10126	+1	57	0	SW	3	-	c	4	-	59	55					
Rochefort (Île d'Alx) ...	10133	64	NW	3	bc	10146	+1	61	+1	WNW	2	-	r	*	2	82	57					
Biarritz ...	10154	68	WSW	3	b	10159	+2	63	-1	WSW	3	-	c	2	-	86	55					
Paris ...	10154	73	SE	2	o	10144	0	64	-1	-	0	S	bc	*	-	79	54					
Belfort ...	10179	72	E	2	bc	10186	*	61	+5	E	2	-	m	*	-	77	54					
Lyons ...	10160	75	-	0	b	10164	*	68	+6	ESE	1	-	b	*	-	79	56					
Nice ...	10184	68	-	0	b	10187	+2	68	+2	-	0	-	b	0	-	79	57					
Perpignan ...	10152	72	E	2	b	10159	0	68	-2	E	2	NE	m	*	-	79	54					
Sanguinaire ...	*	74	W	2	m	*	*	64	-1	?	3	-	o	2	-	79	55					
SOUTHERN STATIONS.																						
Corunna ...	10173	68	W	4	bc	10180	+2	63	+1	SW	3	-	o	2	2	72	57					
Madrid ...	10123	84	-	0	b	10147	+2	68	0	S	1	-	b	*	-	86	57					
Lisbon ...	10176	72	NW	4	bc	10189	0	64	-2	WNW	2	-	bc	2	-	79	61					
Azores ...	10266	*	S	2	b	10273	0	64	+1	-	0	-	o	1	-	75	62					
Madeira ...	10206	72	N	3	b	10227	+2	63	0	N	2	-	b	2	-	73	63					
Gibraltar ...	10179	69	SE	3	b	10166	*	62	-3	E	3	-	m	2	-	79	60					
Malta ...	*	*	*	*	*	10171	+2	77	0	ENE	2	-	b	2	-	79	73					
Limassol ...	*	*	*	*	*	10040	0	104	+5	N	3	-	b	0	-	111	79					
Alexandria ...	10067	81	NNE	1	b	10071	+2	81	-4	N	1	-	bc	1	-	90	79					
Cairo (Helwan) ...	10042	97	NNE	5	b	10057	+2	91	+6	NE	2	NW	bc	*	-	113	75					
YESTERDAY'S REPORTS																						
21.50, 20 h. G.M.T.																						
Venice ...	10179	70	NE	1	o	10193	*	70	0	NE	1	-	bc	4	-	77	64	22nd, 7 h. G.M.T.				
Pesaro ...	10190	73	-	0	b	10180	*	72	0	N	1	-	b	1	-	77	70					
Rome ...	10175	72	SW	1	b	10182	*	72	+4	N	1	-	bc	*	-	84	61					
Viesti ...	10167	73	NW	1	bc	10175	*	79	+4	WNW	2	SW	b	3	-	81	70					
Brindisi ...	10139	79	NW	3	b	10151	*	70	-1	NW	4	-	b	3	-	79	68					
Cagliari ...	10160	75	SE	3	b	10190	*	75	+2	NW	3	-	m	4	-	77	55					
Palermo ...	10179	75	-	0	f	10176	*	73	-2	-	0	W	o	1	-	86	61					
Tripoli ...	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-					
Algiers ...	10164	66	NNE	3	o	1018																



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

South-Easterly and Southerly winds, light or moderate; changeable, some rain; warm.

Wind light, mainly Southerly; variable sky, some showers, thunder locally; moderately warm.

Same as Nos. 0 and 1.

Wind from some Southerly point, light or moderate; changeable, some showers, thunder locally, mist or fog locally on coast; moderate temperature.

Wind light or moderate, variable, then between West and North-West; rain at times, mist or fog locally on coast; rather cool.

South-Westerly winds, moderate; sea moderate; some showers and mist.

FURTHER OUTLOOK.

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

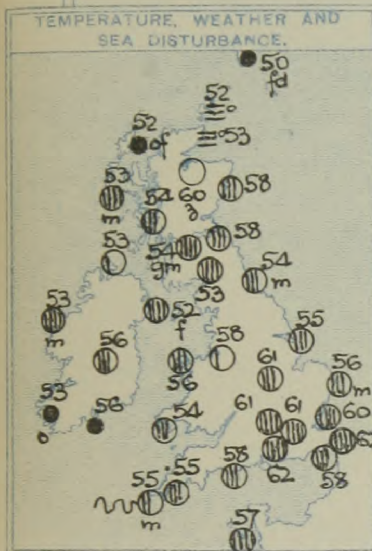
NAPIER SHAW, Director

Millibar
1050
1040
1030
1020
1010
1000
990
980
970

SYNOPTIC CHART FOR THE MORNING OF FRIDAY, 23RD JUNE, 1916.

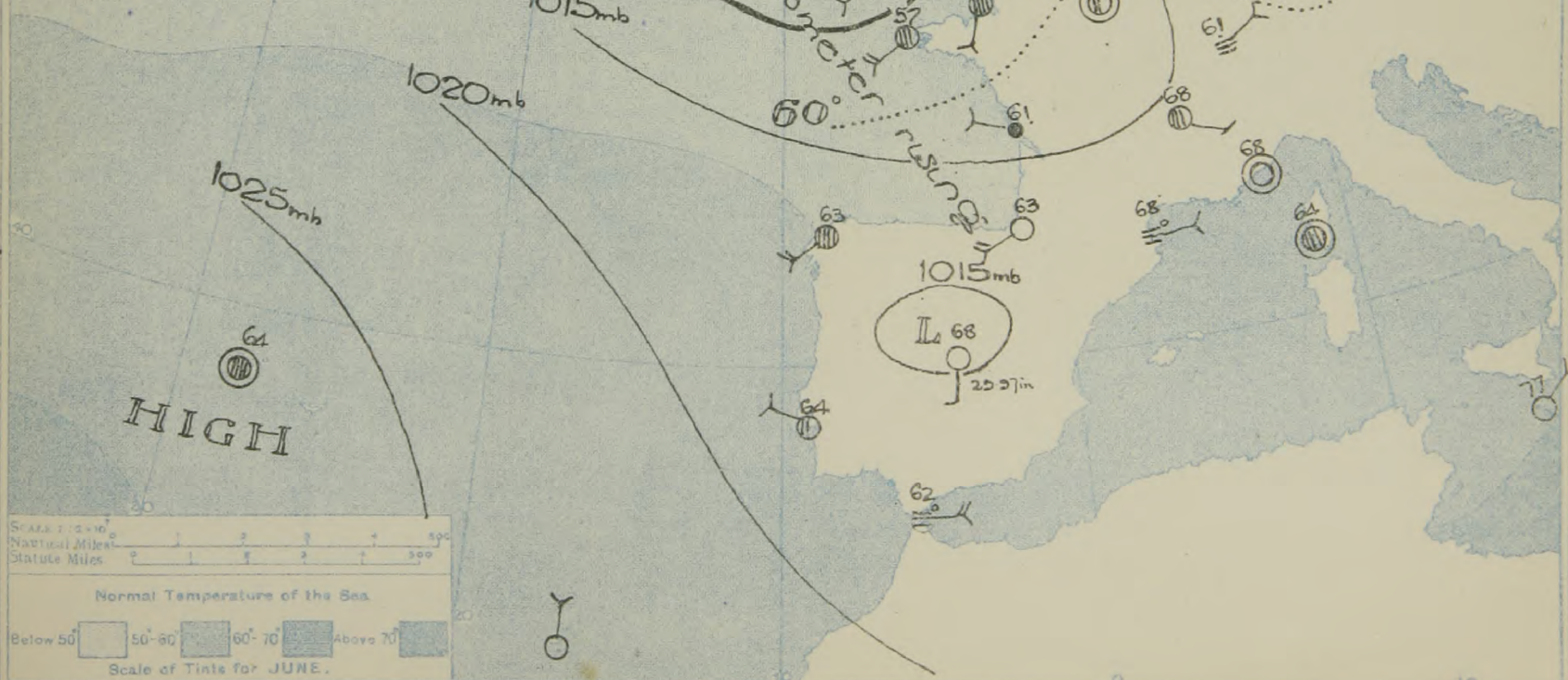
GENERAL INFERENCE.

The depression over Ireland will disperse gradually, and at the same time move a little east.



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.
 K, thunderstorm.
SEA DISTURBANCE.—Rough ~~~~~ High ~~~~~



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	...21 st ... AT 9 P.M. LOCAL TIME					...22 nd ... AT 7 A.M. LOCAL TIME										TEMP.	
	Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	WIND.	Direc. Force 0-12	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
			Direc.	Force 0-12												Max.	Min.
Archangel ...	1012.7	57	NE	3	c	1010.9	0	52	+7	ENE	3	*	0	0	-	*	45.
Gorki ...	1019.7	54	SW	2	c	1011.0	0	48	-4	-	0	*	0	*	2	*	43
Veliki Luki ...	1012.8	48	SSE	1	b	1009.6	*	34	+4	SSE	2	*	0	*	-	*	45
Hangö ...	1003.4	48	ESE	2	0	1008.4	+3	50	+4	ENE	4	*	c	*	1	*	43
Riga ...	1003.9	50	SSW	3	0	1002.3	0	48	-4	-	0	*	r	*	*	*	46
Petrograd ...	1009.3	50	SE	3	c	1011.0	0	54	+2	E	2	E	0	*	1	61	45
Moscow ...	1017.1	59	S	2	b	1013.8	-1	54	0	SE	2	*	r	*	5	*	50
Kiev ...	1018.0	54	NNW	3	r	1019.1	0	54	-1	W	2	*	0	*	15	*	50
Kharkov ...	1021.1	54	-	0	b	?	?	?	?	?	?	*	0	*	*	*	64
Kishinev ...	1017.5	68	WSW	3	0	1020.8	?	57	-4	N	3	*	0	*	15	*	?
Elisabetgrad ...	1018.3	64	NNW	4	r	1018.9	+2	61	+4	NW	2	*	0	*	6	*	57
Nicolaiev ...	1017.1	73	ESE	3	bc	1017.2	*	64	+3	-	0	*	c	*	-	*	55
Odessa ...	1017.7	70	S	1	bc	1018.0	+3	64	0	NNE	2	*	0	*	2	*	68
Tarkhankout ...	1017.6	70	SE	1	b	1016.6	-	72	-7	N	4	*	0	*	-	*	64
Soukhom ...	1016.4	77	-	0	b	1016.0	0	77	-2	NNE	1	*	0	*	-	*	68

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 24 ^h	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 24 ^h	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	° F.	° F.						Mm.	Mm.	° F.	° F.			
Scotland.									England, E.								
Oban ...	5.8	-	2	57	50	or	0	0.3	Lowestoft ...	1.6	-	-	63	53	b. bc	bc. c	10.4
Banff ...	3.0	-	-	64	45	bc	bc. c	6.1	Felixstowe ...	2.9	-	-	62	58	bc	bc. c	8.2
Carnoustie ...	0.7	*	*	55	51	0	or	1.0	Walton-on-Naze ...	1.9	-	-	64	48	bc	bc	6.6
St. Andrews ...	0.7	*	*	61	43	0	0	1.9	Southend-on-Sea ...	1.0	-	-	71	50	c. o	c. op	3.6
England, N.W.									England, S.E.								
Harrogate ...	1.9	-	1	64	48	b. bc. c	c. or	1.4	Margate ...	5.0	-	-	64	50	b	b. bc. c	6.7
Skegness ...	0.6	-	-	66	49	bc	bc. op	7.7	Ramsgate ...	3.1	-	-	63	48	b	bc. o	8.8
England, E.									Hastings ...	4.1	-	-	65	49	0. bc	b. bc	5.2
Morecambe ...	3.0	-	2	63	53	-	-	0.3	Eastbourne ...	7.5	-	-	61	50	b. bc	o. c. og	4.3
Blackpool ...	-	-	-	-	-	-	-	-	Seaford ...	7.0	-	Trace	68	47	bc	bc	3.4
Southport ...	5.3	-	3	61	54	o. c. o	or	0.0	Brighton ...	-	-	-	-	-	bc	-	-
England, S.W.									Worthing ...	8.1	-	0.3	62	46	bc	c	3.5
Buxton ...	1.5	*	*	61	50	bc	bc. r	1.8	Littlehampton ...	8.7	-	-	61	47	b. o	0	3.2
Leamington Spa ...	1.2	-	1	65	51	0	op. c	0.3	Bognor ...	-	0.3	Trace	61	50	bc	bc. or	3.2
Malvern ...	0.2	-	1	61	49	c	cv	0.0	Bournemouth ...	4.1	-	-	64	49	-	-	2.7
Ross-on-Wye ...	0.9	-	1	62	50	bc. c. o	c. or	0.0	Weymouth ...	8.0	*	*	60	53	op	bc. o	0.1
Wales.									Torquay ...	-	-	2	59	54	ov	op	0.0
Rhyl ...	4.8	1	1	61	52	op. o	op. c	0.0	Paignton ...	-	*	*	57	50	op	o	0.0
Colwyn Bay ...	3.2	*	*	60	54	c	cd. o	0.0	Penzance ...	1.3	6	2	57	54	or	or. c	0.0
Llandudno ...	5.8	*	*	59	54	c	c	0.0	Newquay ...	2.4	-	2	56	54	0	r	0.0
Aberystwyth ...	0.0	*	*	58	55	r. o	c. o	0.0	Bude ...	0.2	2	1	59	54	0	o	0.0
Tenby ...	0.9	4	7	56	52	-	-	0.0	Ilfracombe ...	-	-	-	-	-	-	-	-
									Weston-s-Mare ...	2.8	-	5	60	49	o. cr	r. c	0.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	15 h. Yester- day.	9 h. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.		24 Hours ended 9 h. To-Day		
Greenwich (Royal Obs.) ...	64	75	5.1	71	55	4.9	0.	o. or.	0.
City (Bunhill Row) ...	*	*	3.3	*	*	*	*	*	*
Westminster (St. James's Pk.) ...	73	86	3.7	69	58	5.6	bc	bc	bc. or.
Camden Sq. (Brit. Rainfall) ...	66	70	3.4	74	58	5.6	c.	c. o.	*
Hampstead (Reservoir) ...	*	74	3.5	67	55	4.5	Trace	0	op.
S. Kensington (Museum Grounds) ...	*	72	2.8	69	59	4.8	Trace	0	o. op.
Richmond Park ...	*	*	*	*	*	*	*	*	*
Kew. (See front page.) ...	*	*	2.7	*	*	*	*	*	*

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

	23 rd & 24 th June 1916.		
	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.3. 32	11. 55	20. 18
Greenwich ...	5.3. 45	12. 3	20. 19
Wick ...	5.3. 8	12. 14	21. 20
Valencia ...	5.4. 23	12. 43	21. 3

NOTES ON YESTERDAY'S WEATHER.

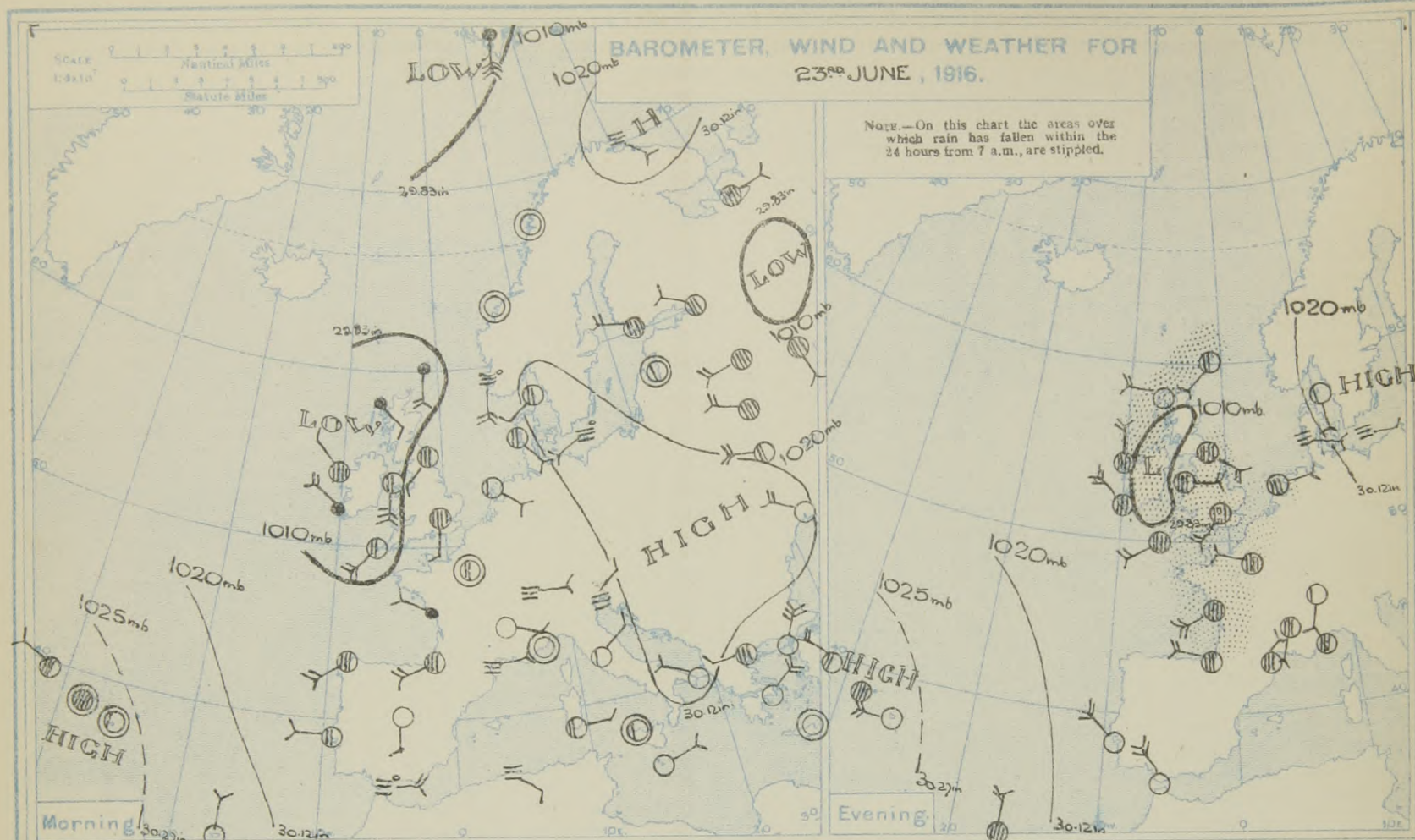
Temperature rose to 65° or above in many places. Rain fell in most districts, rather heavily in the west and north. Except at Deerness and at a few places in eastern England sunshine was not abundant.

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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 176. Saturday 24th JUNE

STATIONS.	YESTERDAY EVENING.					THIS MORNING										PAST 24 HOURS					Sun- shine for Yester- day. Hours.
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Dir.	Force				Dry Bulb.	Change in 24 hours.	Dir.	Force					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																					
Lerwick	10127	53	SSW	2	bcm	10142	0	50	0	-	0	-	f	0	1	54	49	f	f.bcm	f	*
Deerness (Orkney)	10106	53	SE	3	bc	10116	*	51	-1	ESE	2	-	f	*	-	57	49	m.b.c.b	b	b.bcf	11.5
Stornoway	10101	64	W	3	b	10112	+1	53	+1	NNW	2	-	o	2	1	64	48	odr bc	bc.b	ca	10.5
Castlebay (Barra Isd.)	10100	57	SE	2	b	10106	0	55	+2	E	3	-	o	3	0.1	58	52	om	om.b	bc.b.o	8.4
Glasgow	10104	61	W	2	c	10107	0	48	-6	E	1	-	me	*	-	65	46	c.o.cm	c.	cm.bcm	3.0
Eskdalemuir	10109	52	SW	2	o	10099	0	52	-1	-	0	-	o	*	-	66	43	o	o	o.c.b.c.b	4.6
Malin Head	10081	61	SE	1	cgm	10100	+2	53	0	WNW	2	-	omd	2	2	63	52	bcm	cgm	om	4.6
Blacksod Point	10101	52	N	3	om.e	10118	+1	51	-2	N	3	N	cv	2	-	58	45	cz	om.e	om.cm	*
Valencia	10107	56	NW	4	c	10122	+1	53	0	-	0	-	c	2	1	58	46	orc	c.o	c.o.c	1.8
Roche's Point	10082	58	NW	2	r	10113	*	53	-3	NNW	3	N	c	2	3	63	52	rog.c	cgp	c	*
Birr Castle	10067	64	SE	1	c	10106	*	54	-2	NW	1	-	r	*	1	65	53	cp	c	com	3.7
Donaghadee	10101	55	SE	3	bcm	10108	0	52	0	NW	1	-	bcm	0	0.2	61	50	bcm	bcm	bcm.w	*
Liverpool (Bldston)	10093	62	NW	1	o	10098	0	55	-3	-	0	-	bc	1	0.4	69	53	b	bc.p	bc	7.6
Holyhead	10100	58	E	3	c	10099	0	56	0	NW	2	-	cm	1	Trace	66	52	bc	bc.c.c	cp.b.bc	9.8
Pembroke (St. Ann's)	10092	55	S	3	c	10095	+1	54	0	E	2	-	o	3	0.3	57	52	cp.c	c	cp.d.o	6.5
Scilly (St. Mary's)	10107	55	WSW	3	omp	10128	+1	54	-1	WNW	4	W	c	6	6	60	52	bcm.cm	om.p	om.r.c.p	6.7
Falmouth	10110	57	SW	4	cp	10114	+2	55	0	W	5	-	cq	*	3	62	53	cp.b.c	b.b.c	om.b.c	6.1
Jersey (St. Aubin)	10130	59	WNW	3	o	10143	*	55	-2	W	4	-	o	3	4	64	53	om.c	cag.r.o	c.o.r.o	1.8
Portland Bill	10123	57	SW	2	bc	10110	-1	55	-3	WSW	5	SW	cp	3	-	62	53	c	c.b.c	c.b.c	*
Dungeness	10127	56	-	0	og	10121	0	56	-2	WSW	3	SW	c	3	2	60	54	cr	o.p	bomp	*
Dover	10137	57	-	0	r	10124	0	57	-5	SW	2	SW	c	4	2	65	54	opr	op.r	op.o.c	0.0
Wick	10100	53	SSE	2	bc	10113	+1	50	-3	ENE	1	-	m	2	-	58	49	bcz	bcz	bcz.om	*
Nairn	10095	66	SE	1	bc	10104	*	55	-8	-	0	-	ogm	0	0.2	69	53	c.b.c.p	bc.c.u	bc.c.w.m	8.6
Aberdeen	10113	59	SSE	2	bc	10108	0	52	-6	E	1	-	f	2	0.1	64	51	c.b.c.z	bc.b.c	cz.af.d	7.4
Leith	10005	55	E	1	o	10100	0	53	-5	NW	1	-	f	2	0.1	64	52	c.o.c	c.b.c.o	op.of	*
Tynemouth	10101	57	SE	3	om.g	10094	0	55	+1	N	1	-	ogm	3	1	59	52	om	om	ogm	*
Spurn Head	10123	56	SSE	2	c	10097	-1	57	+2	W	1	-	omp	2	7	60	53	c.o	orc	c.o.r	2.0
Yarmouth	10134	56	S	3	r	10114	-1	55	-1	W	2	-	omr	2	5	62	55	comr	om.p	omr	1.6
Clacton-on-Sea	10130	59	SSE	2	o	10118	0	56	-4	SSE	1	SW	r	1	6	63	55	opdg	ogp	og.c.or	0.1
Nottingham	10110	63	S	1	o	10103	*	55	-6	SW	1	SW	o	*	Trace	70	52	c.o	o.c.p	o.c	3.3
Benson (Oxon.)	10111	64	SSW	3	b	10109	-1	56	-3	SSW	3	-	-	*	1	64	48	o	bc	bc.c	*
Sth Farnborough	10117	64	SSW	2	c	10109	0	57	-5	SW	4	-	or	*	2	65	54	orm.or	orc	c.op	2.4
London (Kew Obsy.)	10124	63	SSW	2	o	10113	0	54	-2	SW	2	-	o	*	2	67	54	o.o.d	o.o.d.o	c.o	0.3
NORTHERN EUROPE.																					
Spitsbergen													*	*	*			UPPER AIR.			
Vardö														*	*			South Farnborough.			
Bodö																		Pilot Balloon Ascent at 6.35 h.			
Christiansund																		1,500 metres, SW, by 5 10 m.p.h.			
Skudesnaes																		1,200 " " " 11 "			
Færder (Xtania Fjord)																		900 " " " 12 "			
The Scaw (Skagen)	10219	57	S	2	b	10199	0	57	+5	E	1	-	b	1	-	61	54				
Blaavands Huk	10194	70	ESE	2	m	10150	-1	59	-4	ESE	3	-	o	3	-	70	52				
Copenhagen	10229	61	SE	2	bc	10202	-1	57	+3	ESE	2	-	b	*	-	61	52				
Bornholm	10221	57	ESE	1	m	10202	+2	54	0	E	3	-	m	0	-	63	50				
The Helder	10127	73	E	2	c	10110	0	57	-6	SSW	2	-	r	2	4	75	57				
C. Gris Nez	10140	64	SW	1	c	10130	+2	55	-6	SW	4	-	o	5	7	66	55				
La Hève	10131	61	S	1	o	10140	*	55	-9	SW	3	*	o	3	9	73	52				
Brest (St. Mathieu)	10141	59	WSW	3	b	10162	+1	55	-2	WSW	4	*	o	3	1	63	54				
Rochefort (Ile d'Als)	10162	61	WSW	4	o	10194	+2	61	0	W	4	*	o	*	2	68	55				
Biarritz	10191	62	WNW	3	c	10220	+1	62	-1	W	2	*	bc	2	2	68	55				
Paris	10137	64	-	0	r	10168	+2	57	-7	SSW	2	-	o	*	2	79	58				
Belfort	10133	81	SSW	2	b	10195	*	59	-2	W	2	-	o	*	8	82	57				
Lyons	10135	78	SSW	2	c	10195	*	63	-5	N	2	*	bc	*	2	84	57				
Nice	10170	70	-	0	c	10159	0	72	+4	-	0	*	bc	0	Trace	81	59				
Perpignan	10140	72	NE	2	c	10197	+1	68	0	WNW	3	-	b	*	-	84	59				
Sanguinaire	*	75	N	3	m	*	*	?	?	N	?	*	?	1	-	79	61				
Notes.																					
South port: 23 rd June.																					
Rapid shift of wind @ 16h 20m.																					
SW to NW.																					
Rapid shift of wind @ 19h 5m																					
NW to SW.																					
Rainfall @ 19h 10m.																					
10 mm. in about 8 mins.																					
SOUTHERN STATIONS.																					
Corunna														*							
Madrid																					
Lisbon	10199	66	NW	4	b	10199	0	61	-3	NNW	4	-	bc	5	-	72	59				
Azores	10282	*	-	0	o																
Madeira	10221	70	N	3	o	10230	+1	66	+3	NE	3	*	o	3	-	72	66				
Gibraltar	10162	69	NW	4	b	10169	*	63	+1	N	1	*	m	2	-	79	61				
Malta	*	*	*	*	*	10179	+3	77	+10	ENE	2	-	b	1	-	79	73				
Limassol	*	*	*	*	*	10034	0	93	-11	-	0	-	b	1	-	108	72				
Alexandria	10071	79	NW	2	b	10091	+1	81	0	NW	3	NW	c	1	-	90	75				
Cairo (Helwan)	10052	99	N	3	b	10067	+2	82	-9	NW	2	-	b	*	-	111	79				
YESTERDAY'S REPORTS																					
..... 22 nd , 20 h. G.M.T																					
Venice	10163	72	-	0	b	10199	*	70	0	-	0	-	b	0	-	75	70				
Pesaro	10187	70	-	0	b	10199	*	78	+6	-	0	-	b	2	-	75	?				
Rome	10180	73	-	0	c	10179	*	75	+3	NE	1	-	b	*	-	84	63				
Viesti	10184	73	NW	2	c	10167	*	79	0	W	1	-	b	3	-	82	73				
Brindisi	10176	73	NW	3	b	10210	*	73	+3	NW	2	-	b	3	-	82	70				
Cagliari	10157	77	SE	4	c	10172	*	75	0	E	1	E	bc	1	-	81	57				
Palermo	10186	75	-	0	b	10179	*	77	+4	-	0	-	b	1	-	84	63				
Tripoli	10104	73	-	0	b	10104	*	77	-	E	1	-	b	4	-	79	70				
Algiers	10175	66	ESE	1	o	10168	+1</														



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.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

No Warnings Issued.

Western Channel and Bay 11

0 } Wind mainly between East and North-East, light or moderate; some rain, mist or fog on coast; cool.

1 } Variable to North-Westerly winds, light; dull or cloudy, some rain, thunder locally; cool.

2 } Wind veering to West or North-West, light or moderate; changeable, showery, thunder locally; cooler.

3 } Same as Nos. 0 and 1.

4 } Wind light or moderate, mainly between North and North-West; changeable, some showers, thunder locally; cool.

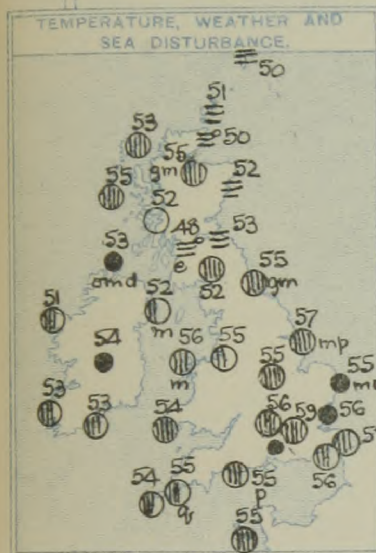
5 } North-Westerly and Westerly winds, fresh; sea rather rough; changeable, some showers.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR THE MORNING OF SATURDAY, 24TH JUNE, 1916.

GENERAL INFERENCE.

The shallow depression seems likely to continue to move in an easterly direction.



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:—

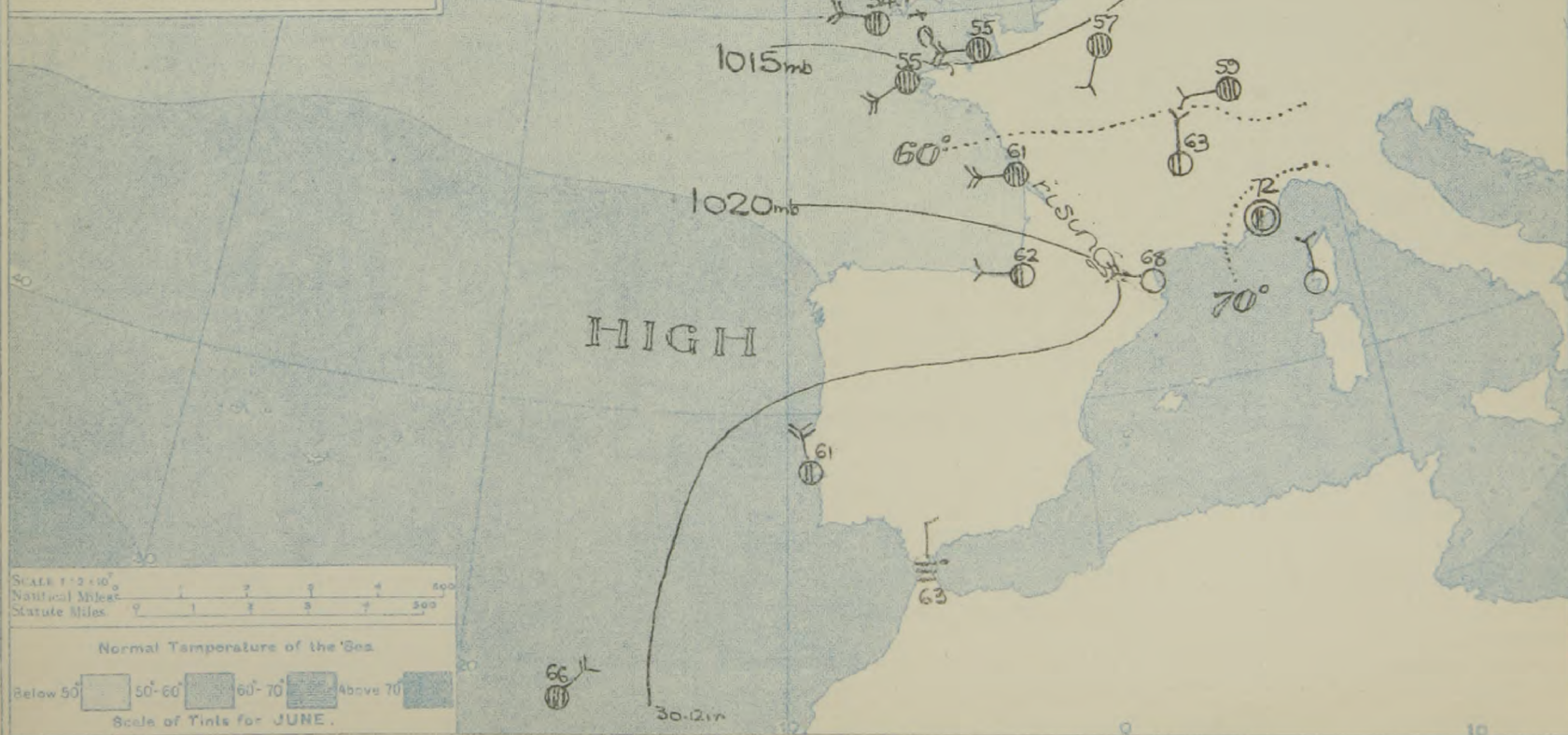
○ clear sky. ○ sky & clouded. ○ sky & clouded.

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

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

⚡, thunderstorm.

SEA DISTURBANCE.—Rough wavy High.



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	23 rd . AT 9 P.M. LOCAL TIME					23 rd . AT 7 A.M. LOCAL TIME.												Rain- fall. -Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.	Min.				
			Direc.	Force 0-12.				Dry Eulb.	Change in 24 hours.	Direc.	Force 0-12.									
Archangel ...	1013.9	37	NNE	3	?	1013.3	0	54	+2	E	2	*	0	*	19	*	52			
Gorki ...						1012.2	0	50	+2	NW	3	*	0	*	5	*	46			
Veliki Luki ...						1013.2	*	52	-2	W	3	*	0	*	5	*	45			
Hangö ...	1014.6	54	WNW	2	b	1017.0	+1	50	0	WNW	3	*	0	*		*	45			
Riga ...	1013.3	50	NNW	2	b	1019.1	+2	54	+6		0	*	b	*	3	*	48			
Petrograd ...	1011.1	54	NNW	2	b	1011.9	0	54	0	NW	2		c	*		*				
Moscow ...	1011.8	55	SW	2	c	1010.3	+1	52	-2	S	2	*	0	*	6	*	48.			
Kiev ...	1017.3	59	W	3	c	1019.9	12	55	+1	NW	4	*	bc	*		*	50			
Kharkov ...	1017.2	58	SSW	2	f	1017.2	0	59	?	SSW	1	*	b	*	8	*	45			
Kishinev ...												*		*		*				
Elisabetgrad ...	1018.7	59	NW	1	b	1019.9	+1	57	-4	WNW	2	*	b	*		*	48.			
Nicolaiev ...	1017.6	66	N	4	b	1020.4	*	61	-3	NNW	3	*	b	*	1	*	52			
Odessa ...	1019.0	68	NNE	2	b	1021.6	+3	63	-1	NNE	2	*	0	*		*	57			
Tarkhankout ...	1016.4	70	N	5	bc	1019.3	?	68	-4	N	5	*	bc	*	3	*	61			
Soukhoum ...												*		*		*				

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 22nd	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 22nd	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	F.	F.						Mm.	Mm.	F.	F.			
Scotland.									England, E.								
Oban ...	0.3	3	-	64	53	g	bc	4.0	Lowestoft ...	10.4	0.1	0.4	65	56	c	cp c	1.5
Banff ...	6.1	5	-	68	51	bc	bc	10.5	Felixstowe ...	8.2	0.4	1	64	55	cp	cp	0.3
Carnoustie ...	1.0	*	*	62	54	bc	bc	8.2	Walton-on-Naze ...	6.6	0.8	1	64	57	bc, o, cr	ocr, ce	0.1
St. Andrews ...	1.9	5	-	65	46	bcu	bcu	3.8	Southend-on-Sea ...	3.6	1	2	65	58	cp	cp	0.0
England, N.E.									England, S.E.								
Harrogate ...	1.4	2	*	69	52	o, c	bc, c, o	3.8	Margate ...	6.7	-	1	64	58	c	r	0.1
Skegness ...	7.7	0.1	1	65	55	c, bc	or, o	1.3	Ramsgate ...	8.8	-	1	65	57	cp	cp, z	0.3
England, N.W.									Hastings ...	5.2	*	*	63	56	o	or, c	0.0
Morecambe ...	0.3	1	-	67	53	-	-	6.6	Eastbourne ...	4.3	-	-	60	56	bc, o	r, o, c	0.1
Blackpool ...									Seaford ...	3.4	*	*	63	?	c	cr	0.1
Southport ...	0.0	1	-	68	51	b, bc, c	bc, o, c	6.6	Brighton ...								
Midlands.									Worthing ...	3.5	0.3	0.3	62	56	c, o	o, c	0.2
Buxton ...									Littlehampton ...	3.2	0.4	-	61	56	o	o, bc	0.5
Leamington Spa ...	0.3	-	-	68	55	bc	bc, o	5.7	Bognor ...								
Malvern ...	0.0	-	-	67	51	c	bc	5.0	Bournemouth ...	2.7	-	-	66	46	c	c	3.0
Ross-on-Wye ...	0.0	0.2	-	70	50	bc, b	bc	6.0	Weymouth ...	0.1	*	*	65	55	o, c, bc	b, bc	5.0
Wales.									Torquay ...								
Rhyl ...	0.0	0.4	-	70	50	bc	bc, b, c	9.4	Paignton ...								
Colwyn Bay ...	0.0	*	*	67	52	bc	bc, o	6.4	Penzance ...	0.0	0.2	-	60	54	c, bc	bc	6.0
Llandudno ...	0.0	*	*	67	52	bc	cr	6.3	Newquay ...	0.0	0.3	3	63	53	p	o	6.0
Aberystwyth ...	0.0	*	*	66	55	r, o, c	c, bc	6.0	Bude ...	0.0	-	1	64	52	bc	bc	6.6
Tenby ...	6.0	1	1	63	55	-	-	3.5	Ilfracombe ...		*	*	62	50	bc	bc, c	8.0
									Weston-s-Mare ...	0.0	-	-	66	50	b, bc	b, bc, b	7.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total.	Average Rate.	Max. Rate.	
	15 h. Yester- day.	9 h. To- day.		In Shade.		Min. on Grass.		Fore- noon.	After- noon.	Night.	969	Joules.	16.2	Milliwatts.	62	Milliwatts.
				Max.	Min.											
				24 HOURS ENDED 9 h. TO-DAY												
Hours of Observation G.M.T.																
											Morning.	Evening.			Morning.	Evening.
	%	%	Hr.	F.	F.	F.	mm.	h.	or	o p o					h.	h.
Greenwich (Royal Obs.) ...	84	74	0.3	70	52	42	1	c.	or	o p o						
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	92	84	0.1	68	53	51	0.5	or	o d o c.	o.	British Isles ...	7	18	Corunna ...	7	16
Camden Sq. (Brit. Rainfall)	73	67	0.3	70	54	52	4	o d	o c o r	*	France ...	7	18	Madrid ...	8	16
Hampstead (Reservoir) ...	*	75	0.1	64	52	37	2	c.	bc.	o	Norway ...	7	18	Lisbon ...	7	21
S. Kensington (Museum Grounds)	*	70	0.2	68	55	46	3	o	o d o p	o p bc a	Denmark ...	6	18	Azores ...	8	17
Richmond Park ...	*	*	*	*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21
Kew. (See front page.)	*	*	0.3	*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																
											Egypt ...	6	18	Limassol ...	6	—

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

24 th & 25 th June 1916.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5. 32	G.M.T. 11. 55	G.M.T. 8. 18
Greenwich ...	5. 45	12. 2	8. 19
Wick ...	5. 8	12. 14	9. 20
Valencia ...	4. 23	12. 43	9. 3

NOTES ON YESTERDAY'S WEATHER.

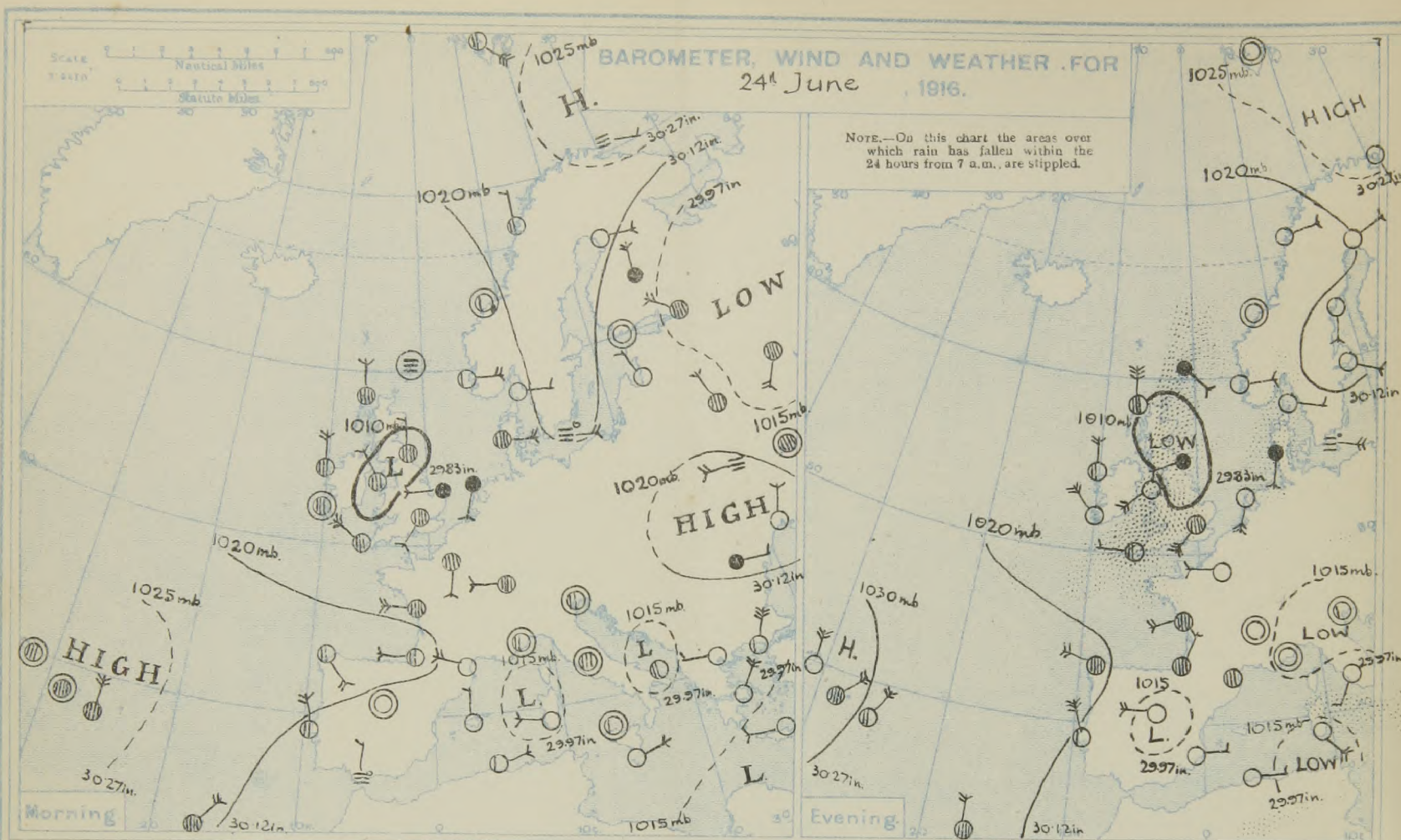
Temperature touched 70° at a few English stations. Showers fell very generally. Much sunshine was recorded at a few places in the west and north, little in the south-east.

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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 177. { Sunday, 25th June

STATIONS.	YESTERDAY EVENING.					THIS MORNING										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.			
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick ...	1013.6	SE	2	omp	1011.0	?	50	0	SE	4	-	m	3	3	53	47	f	omp	of m	*
	Deerness (Orkney) ...	1010.5	E	3	fr	1005.7	*	49	-2	ENE	4	-	fe	4	4	57	49	f	fr	fr. fe	0.0
	Stornoway ...	1011.4	N	6	eq	1008.2	-1	50	-3	N	6	-	odpmq	5	2	63	49	o.c.c	o.cq	odpmq	3.5
	Castlebay (Barra Isd.) ...	1011.4	WNW	3	b	1008.8	0	51	-4	NW	4	-	dp	4	-	61	50	o.bcm	bcm b	b. dp	10.2
	Glasgow ...	1008.0	NW	2	o	1006.6	+1	53	+5	N	4	-	ouu	*	15	69	48	m.b.c.b	bc otp	omp. or	7.1
	Eskdalemuir ...	1007.9	NW	3	or	1007.7	+2	51	-1	WSW	3	-	o	*	28	62	50	o.c.c	otlr	or. o	1.0
	Malin Head ...	1011.2	WNW	3	bcm	1011.5	+1	53	0	NNW	4	-	og	4	-	59	51	bc	bcm	og	5.8
	Blacksod Point ...	1014.6	N	3	bc	1014.5	-2	54	+3	SSW	2	-	cm	1	-	56	48	bc	bc	bv. bc	*
	Valencia ...	1014.5	SW	4	b	1016.6	+1	55	+2	-	0	-	c	3	-	60	47	c. bc	b	b.b.c.m	15.2
	Roch's Point ...	1013.3	NW	2	bc	1016.4	*	53	0	NW	2	NW	c	1	-	64	50	cg	cg. bc	b. bc. c	*
	Birr Castle ...	1012.0	NW	1	c	1016.1	*	52	-2	W	1	NW	c	*	0.1	60	45	om.c	c	c	0.4
	Donaghadee ...	1010.6	N	3	baz	1011.5	+2	54	+2	NW	4	NW	baz	3	-	59	52	baz	baz	bcm	*
	Liverpool (Bidston) ...	1010.0	W	3	bc	1012.8	+2	55	0	WSW	3	W	bc	3	-	63	53	b	bc	b. bc	9.5
	Holyhead ...	1011.0	SW	4	baz	1013.5	+1	52	-4	WNW	5	NW	cf	4	2	63	51	c. bc. b	bc. bz	clp. bc	12.2
	Pembroke (St. Ann's) ...	1013.2	WNW	2	bc	1015.7	+1	54	0	NW	2	-	c	2	-	59	52	bc	bc	c. bc	7.0
	Scilly (St. Mary's) ...	1015.0	W	1	bc	1016.6	0	55	+1	W	1	W	bcw	2	-	61	50	o. c	bc	b. bc	4.2
	Falmouth ...	1014.7	WSW	3	c	1016.6	0	56	+1	SE	1	-	bmw	*	-	61	44	c. o. c	c. o. c	c. bw	4.3
	Jersey (St. Aubin) ...	1016.3	W	4	og	1017.0	*	57	+2	SW	2	-	o	1	-	61	49	o. c. o	o. c. o	og. o	1.7
	Portland Bill ...	1013.2	WSW	5	o	1016.1	+2	55	0	WSW	3	SW	c	3	-	56	53	c. bc	bc. c. o	o. c. bc	*
	Dungeness ...	1013.8	WSW	5	c	1016.4	+1	57	+1	SW	3	SW	bc	3	-	60	53	bc. o	o. bc	bc. bc	*
	Dover ...	1013.0	SW	6	b	1016.8	+2	56	-1	SSW	3	SW	b	4	-	59	51	c. bc	c. b. bc	o. bc. b	7.9
	Wick ...	1009.9	NE	2	f	1004.9	-2	49	-1	ENE	3	-	fe	3	8	53	48	om. f	fr	var. f. d	*
	Nairn ...	1009.4	NE	1	omd	1005.0	*	51	-4	N	2	-	omd	1	35	57	51	ofe	sm	ru	0.0
Aberdeen ...	1006.7	N	2	orm	1000.7	+1	51	-1	WNW	3	-	od	3	34	55	50	f. drn	omr	or	0.0	
Leith ...	1007.0	ESE	1	r	1005.2	+1	54	+1	W	2	-	o	2	16	63	53	o	r	rg. o	*	
Tynemouth ...	1006.8	WSW	1	omgr	1007.4	+2	56	+1	W	3	-	ogm	3	7	56	51	omg	omgr	omgr	*	
Spurn Head ...	1009.0	WNW	2	r	1012.9	+1	54	-3	WSW	3	-	bc	3	1	62	51	h. omr. bc	bc. dp	o. bc	3.2	
Yarmouth ...	1009.9	SW	3	bc	1015.1	+2	56	+1	W	3	-	bc	3	7	62	52	omr. r. l	omr. r. l	bc	2.0	
Clacton-on-Sea ...	1012.5	SW	5	bc	1015.7	+2	57	+1	WSW	4	W	o	3	5	63	53	ogr. c	c. bc	bc. c. o	6.8	
Nottingham ...	1009.3	SW	1	bc	1013.5	*	55	0	SW	2	SW	c	*	Trace	69	48	a. c	c. bc. p	bc. c	4.6	
Benson (Oxon.) ...	1010.8	SW	3	bc	1015.5	+1	55	-1	SW	3	-	o	*	4	64	50	p. o	p. b	c. o	*	
Sth Farnborough ...	1011.9	SSW	2	o	1015.4	+1	58	+1	SW	3	SW	bc	*	3	65	49	p. o. o	op	o. bc	3.3	
London (Kew Obsy.) ...	1012.9	SW	5	o	1015.6	+2	58	-1	SW	3	-	c	*	1	66	52	o. o. d. r	op. o	o. c	2.5	
NORTHERN EUROPE.	Spitsbergen ...	1026.6	-	0	b	1023.0	0	41	+2	-	0	*	o	*	*	43	32	UPPER AIR. South Farnborough. Pilot Balloon Ascent at			
	Vardö ...	1028.6	SE	1	b	1027.4	-1	45	+6	ESE	2	-	b	3	*	41	36				
	Bodö ...	1019.3	SE	2	b	1019.7	-2	59	+2	E	2	-	o	1	1	64	54				
	Christiansund ...	1019.1	-	0	b	1015.8	0	66	+7	-	0	-	b	1	-	60	57	RAINFALL. Equivalents of Millimetres in Inches.			
	Skudesnaes ...	1013.6	E	2	b	1014.1	0	55	-8	S	4	-	b. f	3	-	72	63				
	Færder (Xiania Fjord) ...	1017.2	E	1	b	1017.0	0	57	0	ESE	1	SE	bc	1	-	66	57				
	The Scaw (Skagen) ...	1015.0	S	2	r	1016.6	0	59	0	SE	2	S	bc	1	Trace	77	45				
	Blaavands Huk ...	1015.0	S	2	r	1016.6	0	59	0	SE	2	S	bc	1	Trace	77	45				
FRANCE, &c.	Copenhagen ...	1018.0	ESE	4	bc	1017.1	0	59	-2	SE	3	E	bc	*	-	68	55	mm.	Inches.	mm.	Inches.
	Bornholm ...	1014.1	ESE	4	m	1018.1	0	55	+1	ESE	3	-	m	1	-	59	52				
	The Helder ...	1013.9	SSW	4	b	1015.5	0	55	-2	SSW	4	-	c	2	8	59	52				
	C. Gris Nez ...	1015.0	SW	5	bc	1016.8	+2	56	+1	SW	4	*	b	3	-	61	52				
	La Hève ...	*	WNW	2	o	*	*	57	+2	WSW	1	*	o	1	1	70	54				
	Brest (St. Mathieu) ...	1017.0	S	3	o	1016.7	0	57	+2	E	2	*	o	2	5	61	54				
	Rochefort (Ile d'Aix) ...	1016.9	WSW	3	o	1017.6	0	59	-2	SW	2	*	o	*	-	77	55				
	Biarritz ...	1018.6	NNE	2	o	1016.7	0	59	-3	ENE	1	*	r	2	11	70	57				
SOUTHERN STATIONS.	Paris ...	1017.0	WSW	2	b	1017.7	0	59	+2	-	0	-	o	*	1	72	52				
	Belfort ...	1019.3	W	?	?	1019.5	*	56	-3	-	0	*	c	*	-	81	50				
	Lyons ...	1017.6	NNE	2	o	1017.3	*	64	+1	NNW	1	*	bc	*	-	76	55				
	Nice ...	1015.0	-	0	bc	1016.4	+2	67	-5	-	0	-	b	0	-	86	61				
	Perpignan ...	1016.7	-	0	c	1014.4	-4	64	-4	W	1	SW	o	*	-	88	59				
	Sanguinaire ...	*	-	0	c	*	*	*	*	-	-	-	-	-	-	-	-				
	Corunna ...	1020.2	WNW	4	o	1020.2	+3	59	0	NNE	3	-	o	2	2	66	57				
	Madrid ...	1012.2	W	3	b	1014.1	+1	68	0	-	0	-	bc	*	-	84	59				
MEDITERRANEAN.	Lisbon ...	1018.1	NNW	5	b	1018.1	0	64	+3	N	3	-	c	5	-	72	59				
	Azores ...	1030.6	NE	4	o	1031.8	+1	67	0	NNE	4	*	o	2	-	75	66				
	Madeira ...	1022.1	N	3	o	1022.1	0	63	-3	NE	3	-	b	3	-	70	63				
	Gibraltar ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
	Malta ...	*	*	*	*	*	*	81	+4	-	0	-	b	0	-	81	73				
	Limassol ...	*	*	*	*	*	*	97	+4	SSE	1	-	b	0	-	101	70				
	Alexandria ...	1007.7	NNW	4	b	1007.9	+1	77	-4	NW	3	N	c	2	-	86	75				
	Cairo (Helwan) ...	1005.5	N	3	b	1007.5	+2	77	-5	NNW	1	-	b	*	-	106	73				
	Venice ...	1017.5	-	0	c	1016.1	*	75	+5	-	0	SW	bc	2	-	82	72				
	Pesaro ...	1017.5	-	0	bc	1016.2	*	73	-5	SW	1	SW	o	3	-	81	63				
	Rome ...	1017.3	-	0	b	1017.0	*	73	-2	-	0	-	bc	4	-	90	63				
	Viesti ...	1016.7	NW	2	b	1017.2	*	75	-4	SSE	1	-	b	2	-	84	70				
	Brindisi ...	1018.8	NNW	1	b	1014.9	*	73	0	-	0	NW	bc	?	-	77	72				
	Cagliari ...	1014.4	SE	4	b	1014.7	*	72	-3	W	2	SW	b	3	-	81	57				
	Palermo ...	1017.5	-	0	f	1017.6	*	77	0	-	0	SW	b	1	-	86	64				
Tripoli ...	*	-	0	c	*	*	*	*	-	-	-	-	-	-	-	-					
Algiers ...	1016.1	E	1	c	1017.6	+2	68	0	ENE	2	-	b	2	-	73	63					



FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.



STORM WARNINGS.

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

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

No Warnings Issued.

Western Channel and Bay

- | | | |
|----|------------|---|
| 0 | a }
b } | Wind between North-East and North-West, moderate or fresh; rainy, some fog; cool. |
| 1 | a }
b } | Wind between North and West, light or moderate; rainy or showery; some mist; cool. |
| 2 | a }
b } | Wind between West and South-West, light or moderate; mostly fair, some local showers; moderate temperature. |
| 3 | a }
b } | |
| 4 | a }
b } | |
| 5 | a }
b } | |
| 6 | a }
b } | Same as No. 1. |
| 7 | a }
b } | Wind backing towards South-West, light or moderate; changeable, some showers; cool. |
| 8 | a }
b } | Light winds, South-Westerly or variable; mostly fair, some showers; rather cool. |
| 9 | a }
b } | Wind between South-West and South, light or moderate; fair to rainy or showery; rather cool. |
| 10 | a }
b } | |
| 11 | a }
b } | Variable winds, light or moderate; some rain and fog; sea moderate to smooth. |

FURTHER OUTLOOK.

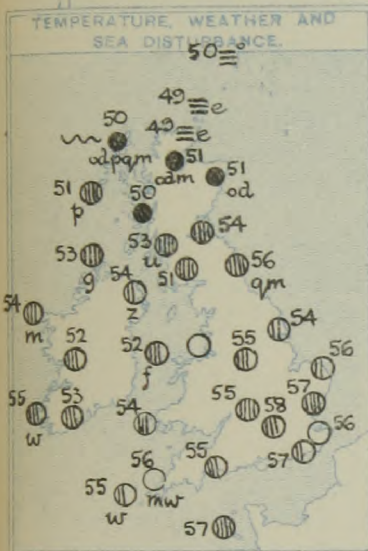
R. G. K. LEMPFERT, Superintendent, Forecast Division

NAPIER SHAW, Director

SYNOPTIC CHART FOR THE MORNING OF SUNDAY, 25TH JUNE, 1916.

GENERAL INFERENCE.

The northern depression will probably move slowly northward, while that approaching Blacksod Point is likely to extend eastward. The very shallow depression over the Bay of Biscay is not expected to have much effect on the weather in this country.



EXPLANATION.

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

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

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

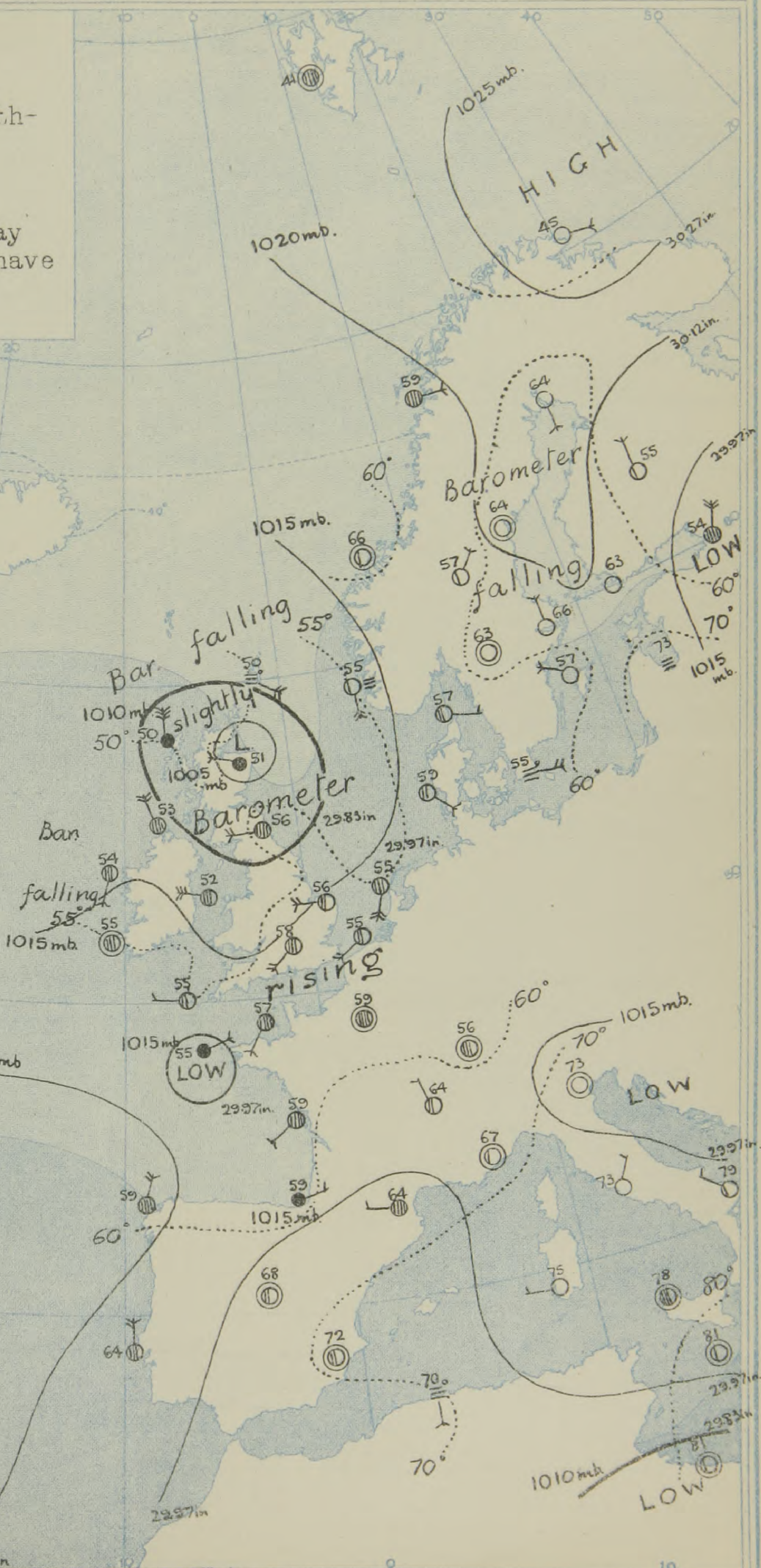
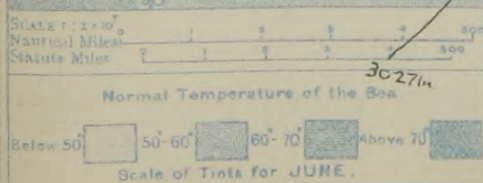
WEATHER.—Shown by the following symbols:—
 clear sky. sky 1/2 clouded.
 sky 3/4 clouded. overcast sky. rain falling.
 snow. hail. fog. mist. T, thunder.
 thunderstorm.

SEA DISTURBANCE.—Rough High

inches.
31

30

29



REPORTS FROM RUSSIA FOR YESTERDAY.

Archangel ...	1013.5	61	N	2	c							*			*		
Gorki ...	1017.2	50	NW	1	bc	1015.4	0	52	+2	NW	2	*	0	*	6	*	45
Veliki Luki ...						1015.5	*	54	+2	NNW	3	*	0	*	-	*	50
Hangö ...	1018.1	55	NNW	2	b	1019.7	+1	55	+5	-	0	*	b	*	-	*	46
Riga ...	1019.8	54	NNW	1	b	1019.4	0	57	+3	NNW	1	*	b	0	-	*	50
Petrograd ...	1013.5	54	W	2	o	1011.9	-1	54	0	NW	3	*	0	*	5	61	50
Moscow ...	1012.3	52	WSW	2	b	1012.4	0	52	0	SW	3	*	0	*	3	*	46
Kiev ...	1022.0	54	NW	2	b	1021.3	0	55	0	W	3	*	f	*	-	*	46
Kharkov ...	1014.5	52	-	0	bc	1014.8	+1	54	-5	-	0	*	0	*	-	*	43
Kishinev ...	1023.1	64	W	2	b	1024.3	0	59	-	NW	1	*	0	*	-	*	55
Elisabetgrad ...	1021.7	55	NNW	2	b	1022.1	0	55	-2	NNW	2	*	bc	*	-	*	41
Nicolaiev ...	1020.7	64	SW	2	b	1023.0	*	57	-4	NNE	2	*	b	*	-	*	52
Odessa ...	1022.0	66	NNW	2	b	1023.1	+1	63	0	NNE	2	*	b	*	-	*	55
Tarkhankout ...	1021.3	68	NNW	4	b	1021.6	*	68	0	N	2	*	b	*	-	*	66
Soukhom ...						1013.5	*	73		SE	5	*	m	*	-	*	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY. UP TO 17 h.

STATIONS.	Sun- shine for	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for	Rainfall		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night, 17h-9h.	Day, 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night, 17h-9h.	Day, 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	°F.	°F.			Hr.			Mm.	Mm.	°F.	°F.			Hr.
Scotland.									England, E.								
Oban ...	6.2	-	-	60	46			11.5	Lowestoft ...	0.3	3	1	64	54	omp.bc	bc	5.4
Banff ...	11.5	-	5	54	51	od.or	or	0.0	Felixstowe ...	0.1	5	1	62	54	bcp.bc	bcp.bc	8.1
Carnoustie ...	9	*	*	55	51	r	p	0.0	Walton-on-Naze ...	0.0	3	0.3	64	54	bc.c.op	bc.c.b	4.6
St. Andrews ...									Southend-on-Sea ...								
England, N.E.									Margate ...	0.1	1	-	65	54	cp.bc	b.	4.7
Harrogate ...	3.8	-	1	64	52	o.clr	no	0.3	Ramsgate ...	0.3	2	-	61	54	o.bc	bc	6.7
Skegness ...	2.3	6	0.1	64	53	r.bc	bc	6.6	Hastings ...	*	*	*	60	54	op.c	o.bc	3.3
England, N.W.									Eastbourne ...	0.1	3	-	60	54			5.2
Morecambe ...									Seaford ...	0.1	-	-	59	52	c	o.c.o	1.7
Blackpool ...									Brighton ...	*	-	-	59	55	o	o.c.o	2.0
Southport ...	7.8	10	-	63	57	m.bc.b	bc.c.o	6.3	Worthing ...	1.2	0.3	1	61	55	or.bc	bc	3.6
England, S.E.									Littlehampton ...								
Buxton ...	*	*	*	60	48	bc	bc.or	6.0	Bognor ...	*	*	*	60	54	bc.or	bc	6.1
Leamington Spa ...	6.4	-	1	68	50	o.bcp	bc.stp	5.2	Bournemouth ...	*	*	*	62	54	c.bc	c	4.7
Malvern ...									Weymouth ...								
Ross-on-Wye ...	9.0	0.2	2	70	52	b.bc	bc.stp	2.7	Torquay ...	*	2	-	62	54	c	c	3.2
Wales.									Paignton ...	*	*	*	61	52	c	c	1.2
Rhyl ...									Penzance ...	6.0	4	1	62	54	op.r	bc.	4.6
Colwyn Bay ...									Newquay ...								
Llandudno ...									Bude ...	7.0	6	-	61	53	o	o	0.0
Aberystwyth ...									Ilfracombe ...								
Tenby ...	4.2	-	-	62	56	c.b	b.bc	1.3	Weston-s-Mare ...								

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	15 h. Yester- day.	9 h. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%	Hr.	°F.	°F.	mm.			
Greenwich (Royal Obs.) ...	66	67	6.4	67	50	42	1	cp	c
City (Bunhill Row) ...	*	*	3.0	*	*	*	*	*	*
Westminster (St. James's Pk.) ...	89	88	2.7	66	52	48	0.3	o	o.bc.o
Camden Sq. (Brit. Rainfall) ...	68	67	3.8	70	51	48	1	o.c	c.cp.
Hampstead (Reservoir) ...	*	72	2.3	62	49	36	2	c.or	bc.o
S. Kensington (Museum Grounds) ...	*	*	3.5	66	54	49	0.4	op.c	bc.aop
Richmond Park ...	*	*		*	*	*	*	*	*
Kew. (See front page.) ...	*	*	2.5	*	*	*	*	*	*

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

25th & 26th June, 1916.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.32	11.55	8.18
Greenwich ...	3.33	11.55	8.18
Wick ...	3.45	12.2	8.19
Valencia ...	3.45	12.2	8.19
	3.8	12.14	8.20
	3.8	12.14	8.20
	4.23	12.43	8.3
	4.23	12.43	8.3

PILOT BALLOON ASCENTS for the PAST WEEK.

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

STATION. Date and 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.
	Benson June 22	7h.4										
Yarmouth ...	1.5	+3	+7									
Greenwich ...	1.5	+5	+10									
Wick ...	1.5	+1	+8									
Valencia ...	0	-2	+5									

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.

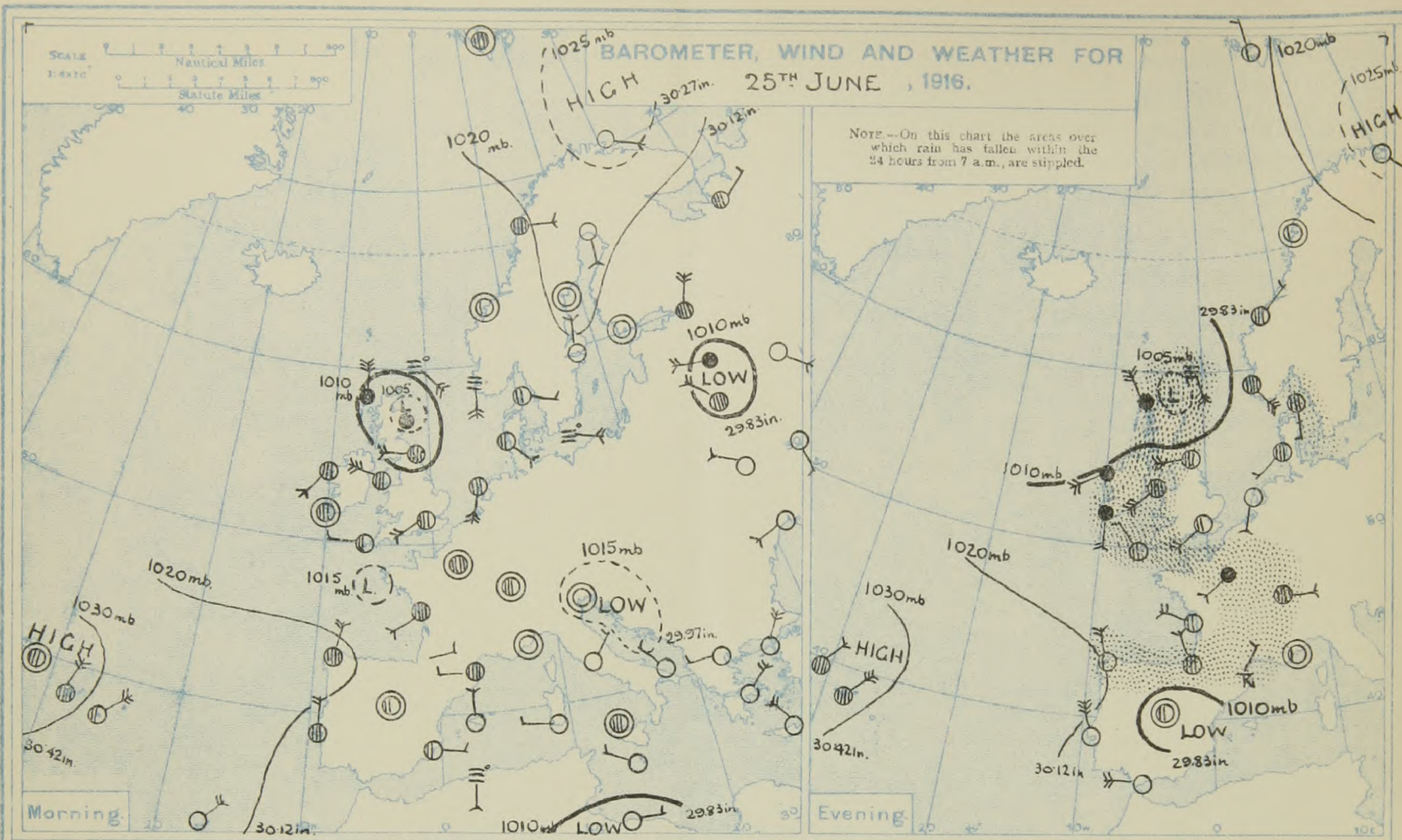
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1916. No. 178

Monday

26th June

	STATIONS.	YESTERDAY EVENING.					THIS MORNING										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.				
				Dirce.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dirce.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	1006.1	50	SE	5	f	1005.1	+2	49	-1	SW	2	-	f	1	3	51	47	om.f	f	fe	*	
	Deerness (Orkney)	1002.4	50	NW	2	f	1006.4	*	49	0	W	2	-	o	2	3	51	49	fe	fe	f.o	0.0	
	Stornoway	1007.6	49	NW	5	omrg	1008.0	0	51	+1	NW	2	-	o	2	1	52	49	adpmg	omrg	org. adp	0.0	
	Castlebay (Barra Isd.)	1009.8	52	W	3	o	1009.2	0	53	+2	NE	3	NE	bc	3	-	54	49	o	o	o bc	0.5	
	Glasgow	1009.9	55	WSW	4	c	1008.2	-1	50	-3	E	1	-	mr	*	3	55	48	opg	opg.c	c.omp	1.4	
	Eskdalemuir	1010.5	57	SW	4	bcv	1008.6	-1	51	0	SSE	3	-	omd	*	4	59	49	or.d	or bc	c. adm	3.8	
	Malin Head	1010.5	56	W	2	cg	1005.8	-1	53	0	E	1	-	fd	1	6	57	52	bc	bc	fd	6.4	
	Blackod Point	1010.1	54	SW	4	omr	1005.5	+1	53	-1	NW	4	-	om	3	3	59	51	cg	omr	omd. om	*	
	Valencia	1012.6	56	S	3	omd	1008.2	0	65	0	W	4	NW	o	4	3	63	54	c. bc. c.	o. b.	od. op	5.2	
	Roche's Point	1015.7	57	SSW	4	o	1008.6	*	53	0	NNW	2	-	o	2	3	62	53	c	c. o	or. op.	*	
	Birr Castle	1011.0	61	SW	1	c	1004.8	*	56	+4	W	2	W	c	*	1	63	51	c	o	op. c.	1.7	
	Donaghadee	1012.2	52	E	2	ogv	1006.5	-1	53	-1	S	3	-	f	2	4	62	50	*	bc m	off	*	
	Liverpool (Bidston)	1013.1	60	WSW	2	o	1009.0	-2	53	*	SE	1	SE	o	1	1	61	51	o. bc	op	op	6.9	
	Holyhead	1013.8	55	SW	5	og	1006.8	-3	53	+1	S	5	-	omr	4	2	61	53	c. o	o. c. o	o. op. or	4.2	
	Pembroke (St. Ann's)	1015.8	55	WSW	3	bc	1008.6	-3	54	0	S	4	-	fr	4	3	58	53	*	bc	omr	9.5	
	Scilly (St. Mary's)	1017.6	60	NW	1	bc	1009.9	-2	55	0	WNW	4	W	ogp	4	1	61	44	bc. b	b. bc	o. omd	11.9	
	Falmouth	1016.2	60	NNW	1	cgz	1009.7	-5	55	-1	SSW	3	-	od	*	1	62	51	bmgn	cg. cg	c. bc. d	4.8	
	Jersey (St. Aubin)	1016.6	60	S	2	o	1013.3	*	57	0	SW	2	-	o	1	64	55	a. c. og	og. op. o.	og	1.1		
	Portland Bill	1016.0	57	WSW	3	b	1011.4	-3	55	0	WSW	4	-	o	3	-	59	52	c	bc. b.	bc. c. o	*	
	Dungeness	1015.7	60	SW	3	b	1012.3	-2	57	0	SE	2	-	o	2	-	62	49	bc. b	b.	bc. o	*	
	Dover	1014.3	59	SW	4	b	1012.7	-1	56	0	SSW	1	-	o	3	-	62	50	b	bu	b. bc. o	12.0	
Wick	1003.3	50	WNW	3	f	1007.1	+2	49	0	WSW	1	-	o	2	1	51	48	fd. fe	fed	md. og	*		
Nairn	1006.0	54	NW	3	c	1008.0	*	53	+2	WNW	1	-	bc	1	0.1	55	45	omd	oug	gg. c. bc	0.0		
Aberdeen	1005.9	57	WSW	3	o	1008.5	+1	54	+3	E	1	SE	bc	2	1	57	50	odp	od. o.	o. c. bc	0.0		
Leith	1009.1	56	W	2	c	1008.0	0	51	-3	E	1	-	r	2	1	58	50	o. c. o	op. o. c.	c. o. c.	*		
Tynemouth	1010.6	59	WSW	4	c	1009.8	-1	54	-2	WSW	2	-	omr	3	2	60	52	omr	omr	om	*		
Spurn Head	1013.6	63	SW	1	c	?	-1	58	+4	-	0	-	bc	2	-	65	54	bc	c.	bc	6.0		
Yarmouth	1014.8	58	S	3	b	1011.4	-2	56	0	SW	2	-	bc	2	-	67	54	bc. c.	c. b.	b. bc	8.6		
Clacton-on-Sea	1014.7	63	SW	4	bc	1012.3	-1	55	-2	WNW	2	W	c	2	-	65	52	o c	c bc	bc. c.	8.7		
Nottingham	1013.0	64	SW	2	c	1010.5	*	55	0	SW	1	SW	c	*	-	67	50	c. o	c. c	c	3.5		
Benson (Oxon.)	1014.0	67	WSW	3	bc	1011.0	-2	54	-1	S	2	-	o	*	-	69	49	bc	bc	c. o	*		
Sth Farnborough	1014.3	66	SW	3	b	1011.1	-3	55	-3	SSW	1	-	o	*	-	69	50	bc. c	c. bc. b.	b. o.	10.0		
London (Kew Obsy.)	1014.5	67	SW	3	bc	1011.6	-3	56	-2	S	2	-	o	*	-	69	52	c. bc. o	bc. v	bc. c. o	9.7		
NORTHERN EUROPE.	Spitsbergen	1019.7	44	N	1	b	1020.8	+1	41	0	-	0	*	o	*	43	34	*	*	*	*		
	Vardö	1025.7	44	SE	1	b	1021.0	-3	43	-2	NE	1	-	bc	2	*	45	39	*	*	*	*	
	Bodö	1016.0	68	-	0	b	1012.7	0	66	+7	E	1	-	b	1	-	68	59	*	*	*	*	
	Christiansund	1012.7	68	NE	1	c	1011.1	+2	55	-11	NNW	1	-	c	2	-	72	50	*	*	*	*	
	Skudesnaes	1012.3	55	SE	6	o	1012.2	0	55	0	SSE	4	-	m	4	-	61	55	*	*	*	*	
	Færder (X'ania Fjord)	1015.3	59	S	1	c	1014.6	0	57	0	-	0	-	o	0	3	63	54	*	*	*	*	
	The Scaw (Skagen)	1016.4	63	SW	1	c	1014.9	-2	55	-4	E	1	S	m	0	-	68	52	*	*	*	*	
	Blaavands Huk	1017.2	59	SW	2	o	1013.5	-1	57	-2	NE	2	-	o	2	1	61	54	*	*	*	*	
	Copenhagen	1017.2	55	ESE	3	c	1015.9	0	57	+2	ESE	1	-	c	0	-	59	50	*	*	*	*	
	Bornholm	1017.2	55	ESE	3	c	1015.9	0	57	+2	ESE	1	-	c	0	-	59	50	*	*	*	*	
FRANCE, &c.	The Helder	1015.9	59	SSW	2	b	1013.1	-2	54	-1	SE	1	SW	b	0	-	61	48	*	*	*	*	
	C. Gris Nez	1015.8	60	S	3	b	1013.1	-2	54	-2	SW	1	*	o	0	-	64	52	*	*	*	*	
	La Hève	1016.0	64	NW	2	c	1015.1	*	59	+2	WSW	3	*	o	0	1	66	55	*	*	*	*	
	Brest (St. Mathieu)	1017.6	59	NNW	2	o	1013.6	-3	56	-1	SW	4	*	f	3	-	66	54	*	*	*	*	
	Rochefort (Ile d'Als)	1017.7	64	WNW	3	bc	1016.2	0	62	+3	SW	3	*	o	*	-	66	57	*	*	*	*	
	Biarritz	1018.4	64	NNW	2	c	1018.6	0	62	+3	WSW	2	*	o	2	12	70	59	*	*	*	*	
	Paris	1015.9	64	SW	2	r	1014.6	0	61	+2	S	1	NW	c	*	1	72	54	*	*	*	*	
	Belfort	1015.0	64	E	2	o	1016.3	*	54	-2	WSW	4	*	f	*	5	81	54	*	*	*	*	
	Lyons	1016.3	61	WNW	1	r	1016.7	*	58	-6	NW	1	*	c	*	2	75	52	*	*	*	*	
	Nice	1015.1	69	-	0	b	1012.3	0	67	0	-	0	*	c	0	-	77	59	*	*	*	*	
SOUTHERN STATIONS.	Perpignan	1015.5	64	NE	1	thr	1016.4	+1	66	+2	NW	2	-	bc	12	81	59	*	*	*	*		
	Sanguinaire	*	76	N	3	b	*	*	73	*	E	1	*	o	1	-	79	64	*	*	*	*	
	Corunna	1020.0	63	NNW	3	b	1021.9	0	61	+2	S	2	-	o	1	7	63	55	*	*	*	*	
	Madrid	1009.6	81	-	0	bc.	1017.2	+2	64	-4	NE	1	-	b	*	-	84	57	*	*	*	*	
	Lisbon	1015.9	66	NNW	6	b	1017.3	+2	61	-3	NNE	3	-	b	5	-	72	59	*	*	*	*	
	Azores	1031.7	*	NE	5	o	1030.9	0	67	0	NNE	6	*	bc	3	-	70	66	*	*	*	*	
	Madeira	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Gibraltar	1013.9	68	W	4	b	1013.9	*	65	*	NW	2	*	b	2	-	76	61	*	*	*	*	
	Malta	*	*	*	*	*	1014.9	0	79	-2	NW	1	-	b	0	-	93	77	*	*	*	*	
	Limassol	*	*	*	*	*	1004.6																



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

Western Channel and Bay 1)

Wind between South-West and South-East, light; much cloud, some rain and fog; cool.

Wind light, mainly between South and South-East; much cloud, rainy, some mist; cool.

Southerly and South-Westerly winds, light to moderate; mostly overcast, some rain; rather cool.

Same as No. 1.

Wind veering towards West, light or moderate. fresh locally; rainy, mist or fog on coast; cool.

Wind between West and North, light or moderate; changeable, some rain, mist or fog locally on coast; cool.

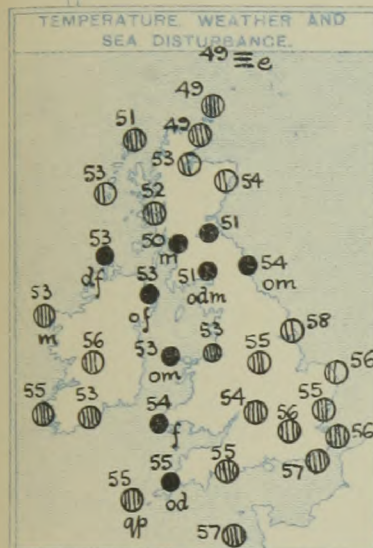
Westerly or North-Westerly winds, moderate; sea moderate; some rain and mist, fair intervals.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR THE MORNING OF MONDAY, 26TH JUNE, 1916.

GENERAL INFERENCE.

The depression over these Islands will probably move eastward or north-eastward for a time.



EXPLANATION.

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

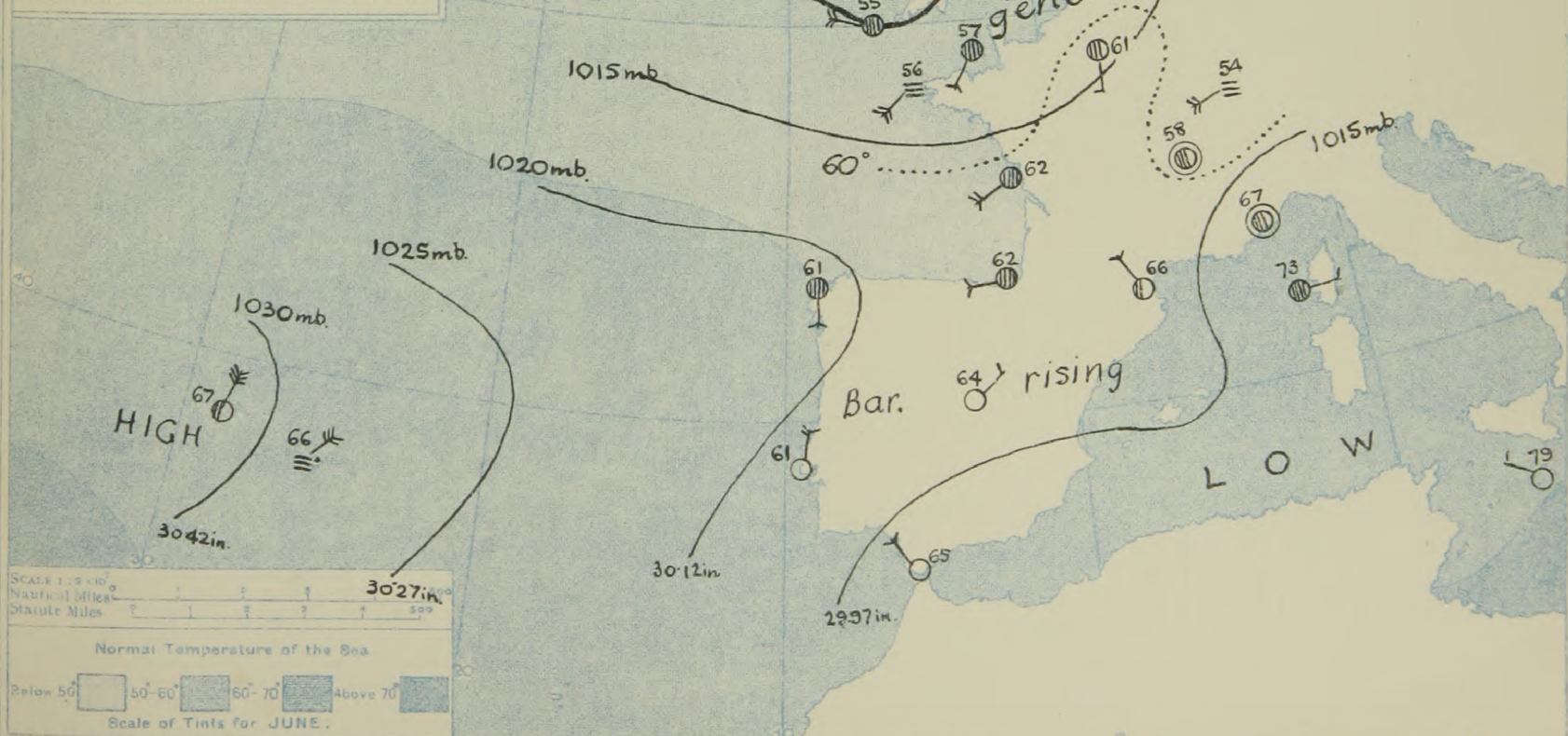
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

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

WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded. ○ overcast sky. ● rain falling. * snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

SEA DISTURBANCE.—Rough. High.



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h

	STATIONS.	Sun- shine for p. 24 ^h .	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
			Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
Scotland.	{ Oban Banff Carnoustie ... St. Andrews ...	12.6 0.0 0.0	21 16 *	3 2 *	52 52 64	49 49 51	r.o or o.c	o or cr	0.0 0.0 1.8
Eng. N.E.	{ Harrogate Skegness	0.3 -	0.3 2	- -	64 65	51 50	c.bc b.bc	b.c.b bc.o	5.8 7.8
Eng. N.W.	{ Morecambe Blackpool Southport	6.3	-	-	61	54	0.c.o.c	o.c	3.1
Midlands.	{ Buxton Leamington Spa ... Malvern Ross-on-Wye ...	5.5	1	-	67	49	bc.e	o.bcp	4.7
Wales.	{ Rhyl Colwyn Bay Llandudno Aberystwyth ... Tenby	12.3 - - 9.0	- - - *	- - - *	63 63 62 58	52 54 54 55	bc bc bc.c r.o.c	c.bc bc b c.bc	5.7 5.6 4.5 8.5
England, E.	{ Lowestoft Felixstowe Walton-on-Naze ... Southend-on-Sea ...	6.5 8.6 4.6	- - -	- - -	64 64 71	51 53	bc b.bc.b bc.b	bc b.bc.b b	8.9 11.1 4.5
England, S.E.	{ Margate Ramsgate Hastings Eastbourne Seaford Brighton Worthing Littlehampton ... Bognor Bournemouth ...	8.9 3.3 6.4 5.5 - - 4.7	- - - -	- - -	64 62 64 64 61 54 51	49 53 54 c 54	b.bc bc.b b c o.bc bc.b	bc b b bc bc b	7.6 10.4 10.6 6.0 3.8 12.0
England, S.W.	{ Weymouth... .. Torquay Paignton Penzance Newquay Bude Ilfracombe Weston-s-Mare ...	- - - - 0.0	- - - -	- -	67 60 43 50	48	bc.c bc bc bc	bc.c bc bc bc	11.4 8.0 8.2

SOUTH KENSINGTON.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.	Total. 2029 Joules.	Average Rate. 340 Milliwatts.	Max. Rate. 92 Milliwatts
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				
				Max.	Min.									
24 HOURS ENDED 9 h. To-Day														
%	%	Hr.	F.	F.	F.	mm.								
Greenwich (Royal Obsy.) ...	59	77	12.0	73	49	41	-	bc	bc	b.c.o				
City (Rushhill Row) ...	*	*	8.8	*	*	*	*	*	*	*				
Westminster (St. James's Pk.)	66	95	10.2	69	51	49	-	bc	bc d.o	o				
Camden Sq. (Brit. Rainfall)	-	74	9.2	76	52	49	-	-	-	o				
Hampstead (Reservoir) ...	*	85	10.0	68	47	36	-	b	o	o				
S. Kensington (Museum Grounds)	*	78	10.3	70	51	48	-	c	bc	bc.w				
Richmond Park ...	*	*		*	*	*	*	*	*	*				
Kew. (See front page.)	*	*	9.7	*	*	*	*	*	*	*				
(Greenwich and Camden Square air temperatures are in Glaisher screens.)														

Hours of Observation G.M.T.					
	Morning.	Evening.		Morning.	Evening.
	h.	h.		h.	h.
British Isles ...	7	18	Corunna ...	7	16
France ...	7	18	Madrid ...	8	16
Norway ...	7	18	Lisbon ...	7	21
Denmark ...	6	18	Azores ...	8	17
Holland ...	6	17	Madeira ...	7	21
Italy ...	7	20	Malta ...	8	—
Egypt ...	6	18	Limassol...	6	—

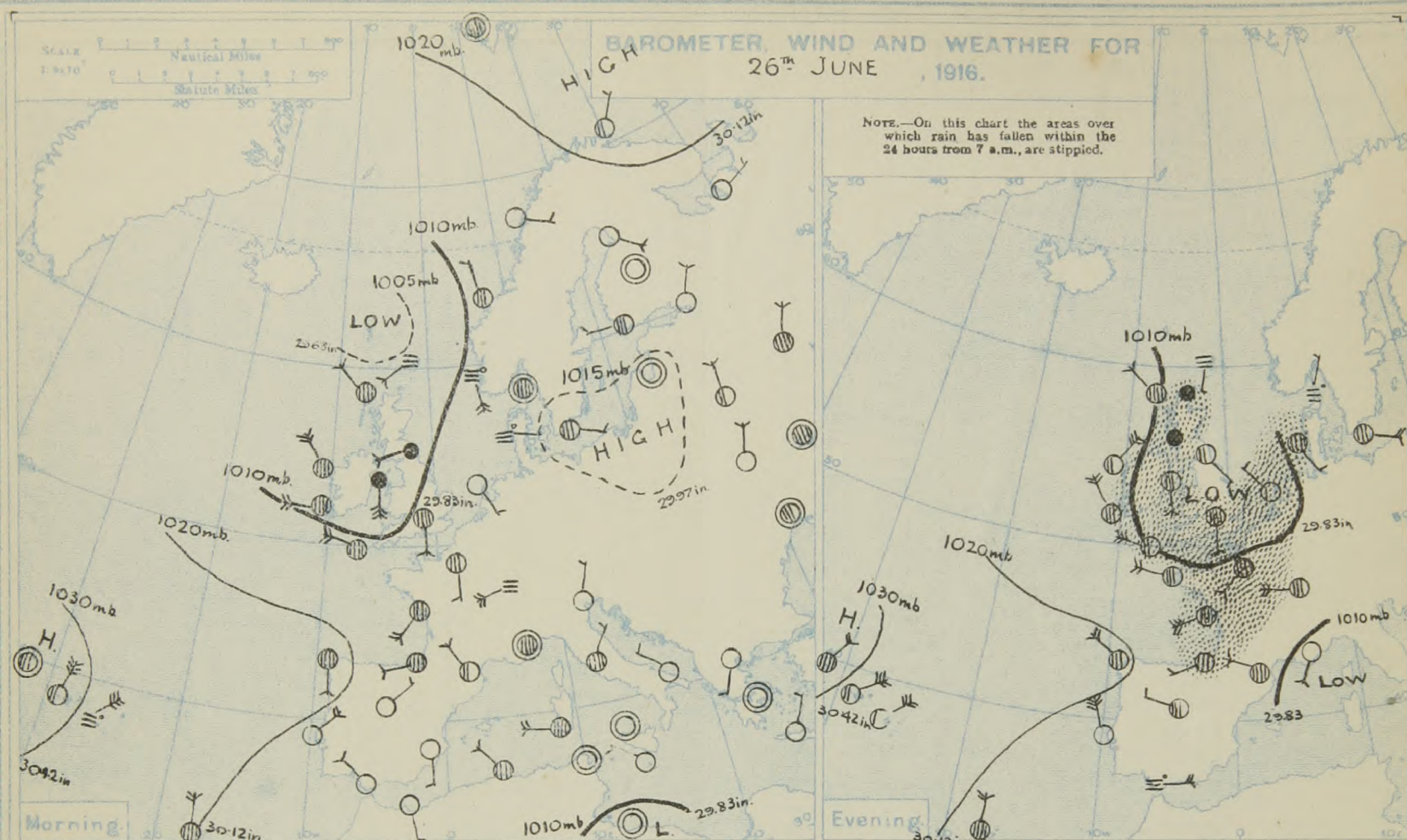
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON
AND SUNSET FOR STATIONS IN THE UNITED KINGDOM
TO-DAY AND TO-MORROW.

26+27 June 1916.	Sunrise.	Noon.	Sunset.
	G. M. T.	G. M. T.	G. M. T.
Yarmouth	3 33	11 55	8 18
Greenwich	3 33	11 56	8 18
Wick	3 45	12 2	8 19
Valencia	3 8	12 14	8 20
	3 9	12 15	8 20
	4 23	12 43	9 3
	4 24	12 44	9 3

Temperature rose to above 65° in many parts of England, and many stations recorded much sunshine. Rain fell at most places in the West and North, but not heavily.

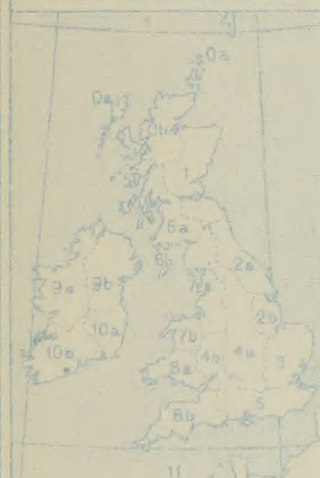
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; 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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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.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

No
Warnings
Issued.

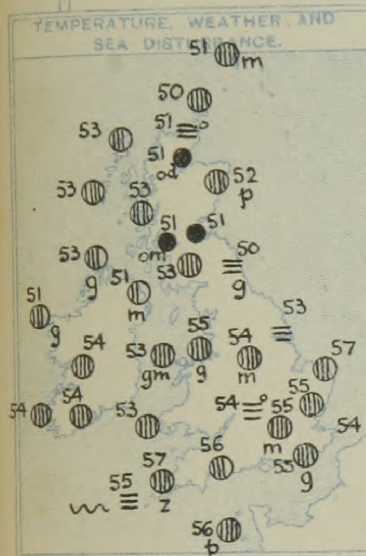
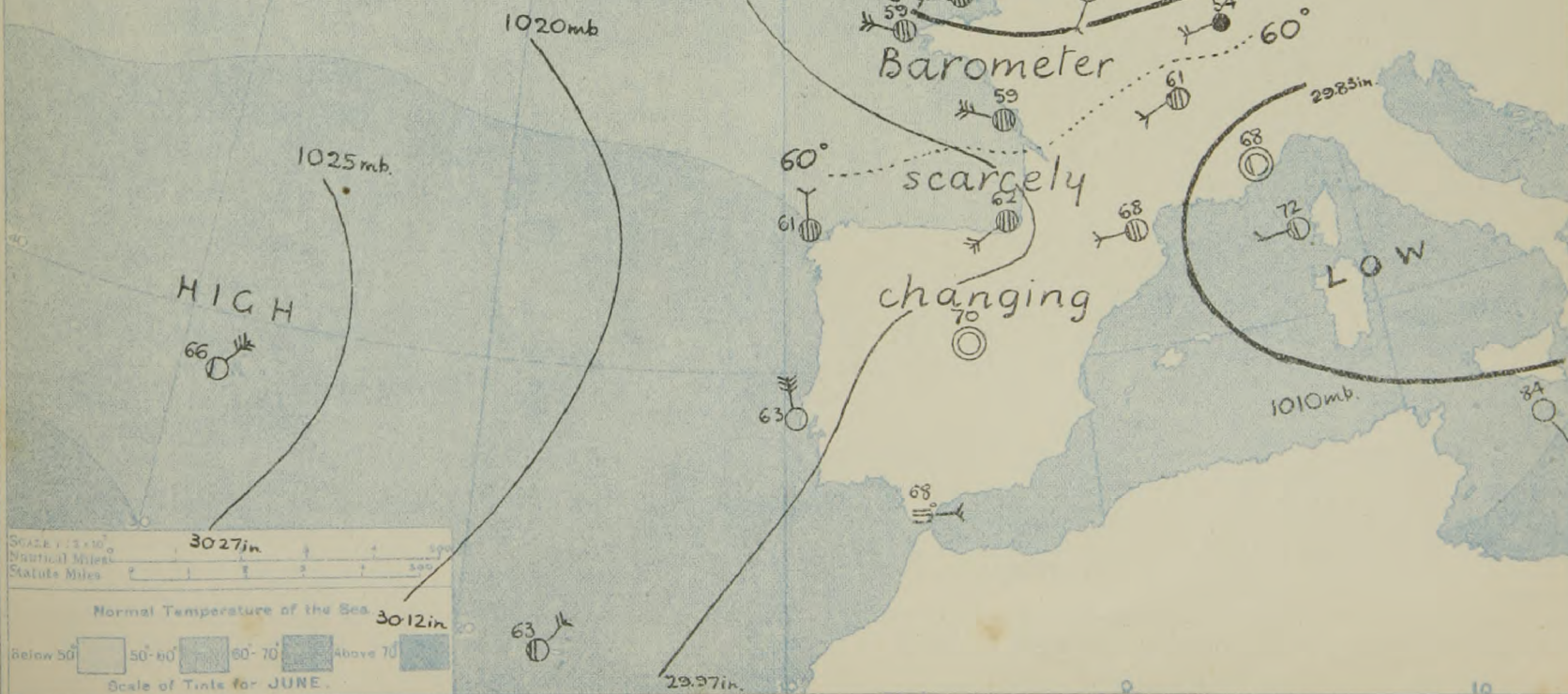
Western Channel and Bay 11

Light to moderate Northerly breeze;
dull, damp, local showers, improving gradually
later; mild night, cool day.

Moderate North-Westerly to Northerly breeze;
sea moderate; dull, some fog, fairer later.

FURTHER OUTLOOK.

Under the influence of an Atlantic anticyclone a Northerly type of fairer conditions will become general.

SEA DISTURBANCE.—Rough High 

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY. UP TO 17h.

STATIONS.	Sun- shine for 25 ^h	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 25 ^h	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
Scotland.		Mm.	Mm.	° F.	° F.			Hr.	England, E.		Mm.	Mm.	° F.	° F.			Hr.
{ Oban	03.	-	0.3	61	48	o.c.o	o.b.c	3.0	{ Lowestoft	-	-	-	62	53	c.b.c.c	c	5.1
{ Banff	00	0.4	-	58	48	b.c.c	b.c.c	2.6	{ Felixstowe	10.1	-	-	62	51	b.c.c.c	c	1.2
{ Carnoustie	18	*	*	57	50	op.	ac	0.0	{ Walton-on-Naze	12.1	-	-	63	54	b.c.c.b.c	a.c.b.c	1.4
{ St. Andrews	-	0.3	-	58	47	o	c.	0.0	{ Southend-on-Sea	4.7	-	-	68	51	o	o	2.5
Eng. N.E.									England, S.E.								
{ Harrogate	8.7	0.2	0.8	59	46	o.c.p	op	0.1	{ Margate	-	-	0.3	65	50	c	c.p.	0.2
{ Skegness	7.8	-	-	63	52	og	og	0.7	{ Ramsgate	10.1	-	0.1	63	44	b.c.o	a	1.0
									{ Hastings	10.4	*	*	60	51	op	c.o	0.0
									{ Eastbourne	11.1	-	-	61	52	b.c.o	b.c.p.o	0.5
Eng. N.W.									{ Seaford	9.5	*	*	62	54	o	o	0.2
{ Morecambe	-	-	-	61	52	-	-	0.0	{ Brighton	-	-	-	-	-	-	-	-
{ Blackpool	-	-	-	-	-	-	-	-	{ Worthing	8.0	-	0.3	60	54	c	c.r.e	0.0
{ Southport	3.6	1	-	61	51	or	o.c.o	0.0	{ Littlehampton	6.4	-	3.	61	52	o	or	0.0
									{ Bognor	-	-	-	-	-	-	-	-
Midlands.									{ Bournemouth	12.0	*	*	58	53	od	od	0.1
{ Buxton	-	*	*	60	45	b.c.d	b.c	0.5									
{ Leamington Spa	6.3	-	1	59	50	op.c	b.c.op	0.0									
{ Malvern	-	-	2	56	50	c	od	0.0									
{ Ross-on-Wye	-	0.1	2	57	48	c.m.p	or	0.0									
Wales.									England, S.W.								
{ Rhyl	6.8	5	3	63	50	r.o.c	c.b.c.c	1.8	{ Weymouth	-	*	*	59	54	od.c	cd	0.0
{ Colwyn Bay	8.6	*	*	64	52	p.b.c	b.c.o	2.0	{ Torquay	12.1	0.3	7	66	53	op	op	1.5
{ Llandudno	4.5	*	*	63	51	a	a.b	3.7	{ Paignton	-	2	-	63	55	on.b.c	b.c.c	3.0
{ Aberystwyth	8.5	*	*	59	53	r.o.	c.o	0.0	{ Penzance	-	-	-	-	-	b.c.b	o	3.0
{ Tenby	-	1	3	64	52	p	p	0.5	{ Newquay	9.8	1	1	60	51	op	op	1.7
									{ Bude	10.0	2	4	60	50	op	op	1.7
									{ Ilfracombe	-	*	*	59	50	r.o	o.b.c.c	2.0
									{ Weston-s-Mare	-	-	2	59	51	or	r.b	1.0

SOUTH KENSINGTON.

LONDON OBSERVATIONS.												Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 938 Joules.	Average Rate. 157 Milliwatts	Max. Rate. 49 Milliwatts
STATIONS.	HUMIDITY.		Sun- shine for Yesterday.	TEMPERATURE.			Rain- fall.	WEATHER.			Hours of Observation G.M.T.					
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.						
				Max.	Min.											
	24 HOURS ENDED 9 h. To-Day															
	%	%	Hr.	F.	F.	F.	mm. §				Morning.	Evening.		Morning.	Evening.	
Greenwich (Royal Obsy.) ...	76	77	0.1	67	51	47	1	0	o. o d p	o d p						
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	93	94	0.0	63	53	45	1	0e	oe	or. oe	British Isles ...	7	18	Corunna ...	7	16
Camden Sq. (Brit. Rainfall)	68	84	0.0	66	53	53	1	0	0	*	France ...	7	18	Madrid ...	8	16
Hampstead (Reservoir) ...	*	88	0.0	60	50	41	1	or	o p	0	Norway ...	7	18	Lisbon ...	7	21
S. Kensington (Museum Grounds)	*	85	0.0	64	53	52	1	0	o. o p	o p d	Denmark ...	6	18	Azores ...	8	17
Richmond Park ...	*	*	*	*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21
Kew. (See front page.)	*	*	0.0	*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																
											Egypt ...	6	18	Limassol ...	6	—

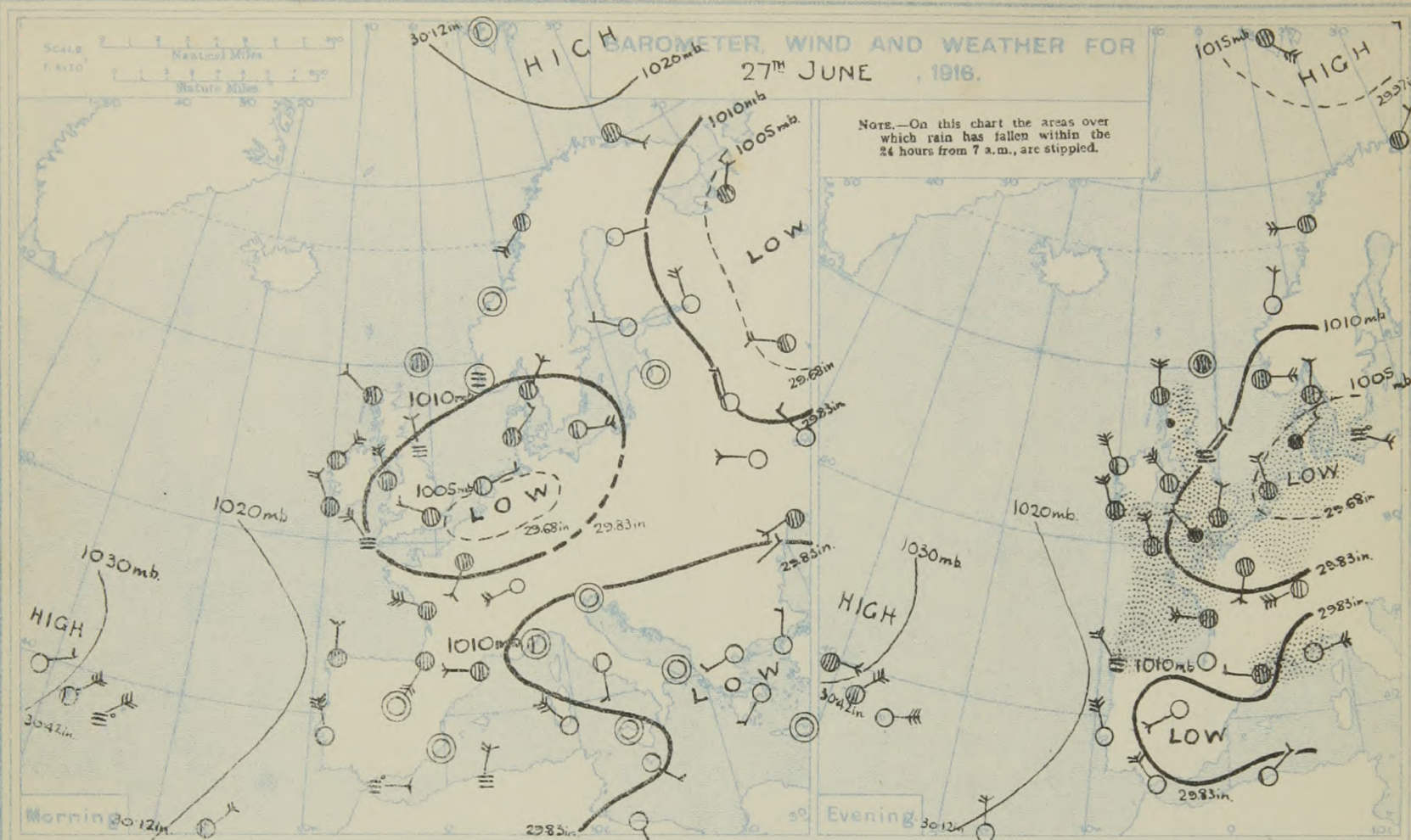
Temperature was everywhere below the normal. Showers were general, mostly very light. Castlebay had 13½ hours of sunshine, but as a rule the records were small, none in several places.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showery; 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, 1916. No. 180. { Wednesday, 28th June, 1916.

STATIONS.	YESTERDAY EVENING.					THIS MORNING										PAST 24 HOURS					Sun- shine for Yesterday.
	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.	Change in 24 hours.						Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.																					Hours.
Lerwick	1013.1	53	-	0	om	1010.8	0	49	-2	NNE	3	-	om	2	-	56	46	om	om	om	*
Deerness (Orkney)	1012.5	51	-	0	og	1010.5	*	49	-1	N	1	-	me	1	-	52	49	o	o	ome	0.0
Stornoway	1013.0	54	N	4	og	1011.2	-1	50	-3	N	2	-	c	2	-	57	46	c	c.0	o.c	3.2
Castlebay (Barra Isd.)	1013.7	54	WNW	3	b	1011.5	-1	51	-2	-	0	-	o	2	-	57	48	o	o.b	bc.0	5.1
Glasgow	1011.0	53	ENE	3	o	1010.3	-1	49	-2	-	0	-	mgt	2	-	61	48	omp.0	om.0	omp	0.2
Esksdalemuir	1010.4	56	NE	4	bc	1009.4	-1	51	-2	NE	1	-	o	*	-	59	45	om.0	og.c.bc	bc.c.0	1.9
Malin Head	1012.9	53	N	3	bc	1011.6	-1	51	-2	NW	4	NW	cg	4	-	55	50	bc	bc	cr	3.5
Blacksod Point	1016.1	54	NNW	5	bc	1013.7	-2	49	-2	WSW	3	-	omr	3	-	56	48	cg	bc	om.cgm	*
Valencia	1016.7	55	NNW	4	c	1016.4	0	53	-1	WNW	3	NW	op	2	-	60	51	op.c	c	c.0.c.0	4.7
Roche's Point	1014.7	59	N	4	o	1015.6	*	53	-1	NW	3	-	o	2	-	62	49	o	o	c.b.0	*
Birr Castle	1012.8	58	NW	1	c	1013.8	*	51	-3	NW	1	-	c	*	-	59	47	o	c	c	2.0
Donaghadee	1011.3	52	N	4	cm	1010.4	0	50	-1	NNW	3	NW	cg	3	-	56	49	cm	c.0	cgm	*
Liverpool (Bidston)	1009.1	53	WNW	3	o	1008.6	0	54	-1	W	2	-	om	2	-	62	53	o.c	o.c	om	1.0
Holyhead	1010.6	55	NNW	5	cm	1010.6	+1	51	-2	NW	6	-	omg	5	-	58	51	om	o.c.m	o.c.ome	1.5
Pembroke (St. Ann's)	1011.7	55	N	4	bc	1012.2	+1	53	0	N	4	NE	bc	3	-	58	52	bc	bc	c.b.c	0.3
Scilly (St. Mary's)	1012.5	55	NNW	4	o	1014.1	+1	55	0	NNW	5	NW	bcg	5	-	65	52	omp	omp	c.b.c.0	0.7
Falmouth	1010.4	56	N	5	eg	1012.4	+2	55	-2	NNW	3	-	o	*	-	59	53	agd	o.c	og.0	0.6
Jersey (St. Aubin)	1008.3	57	W	3	ogm	1009.3	*	55	-1	WNW	3	-	ome	2	-	59	54	op	op.ogm	ome	0.1
Portland Bill	1008.0	57	NW	2	or	1008.7	+1	56	0	NNW	3	-	og	2	-	60	53	bc.c	op	c.og	*
Dungeness	1005.9	58	-	0	or	1006.5	0	55	0	N	3	-	o	2	-	61	54	o	or	o	*
Dover	1006.3	63	NNE	2	o	1007.8	+1	53	-1	N	2	N	o	2	-	63	52	op	o	s.0.p	0.6
Wick	1012.4	53	-	0	m	1010.0	-2	51	0	N	1	-	o	1	-	53	48	ome	om	dp.0	*
Nairn	1012.0	54	ENE	2	og	1010.3	*	52	+1	E	1	-	omg	1	-	53	49	d.c	cg.0	ocg	0.0
Aberdeen	1012.0	53	ENE	3	bc	1009.3	-1	53	+1	NNW	4	-	o	2	-	60	47	o.c	c.bc	bc.0	2.2
Leith	1011.3	54	E	2	b	1009.6	-1	50	-1	W	1	-	o	2	-	60	49	r.o.c	c.bc.b	bc.p.0	*
Tynemouth	1010.3	50	NE	2	f	1008.8	-1	49	-1	NNW	2	-	om	3	-	50	47	fpd	f	om	0.0
Spurn Head	1008.3	53	N	5	om	1006.6	-1	50	-3	N	6	-	og	5	-	54	45	four	om	og	0.0
Yarmouth	1006.4	58	NNE	4	c	1006.2	0	50	-7	N	3	-	or	2	-	64	50	c.bc	bc.c	om.0	0.2
Clacton-on-Sea	1006.6	57	E	1	r	1006.7	0	53	-2	NW	3	NW	o	2	-	64	52	o.c	u.og	od.og	0.0
Nottingham	1008.1	58	ENE	2	o	1008.3	*	52	-2	NNW	2	NW	ogm	*	-	61	51	om	op	o	0.0
Benson (Oxon.)	1007.2	56	E	1	o	1008.1	+1	54	0	NW	3	-	m	*	-	61	53	ogm	or	o	*
St. Farnborough	1006.8	60	-	0	o	1007.5	+1	55	+1	NNW	3	-	o	*	-	65	54	o	o	o	0.8
London (Kew Obsy.)	1006.9	61	NNE	2	o	1007.7	0	55	0	NNW	1	-	o	*	-	65	54	om.0	o	o.0	0.6
NORTHERN EUROPE.																					
Spitsbergen	1016.7	43	SE	5	o	1017.3	0	39	-2	N	1	-	b	*	-	43	34	*	*	*	*
Vardö	1011.5	45	NE	1	c	1014.1	+3	46	0	NNE	2	-	o	3	-	46	37	*	*	*	*
Bodö	1014.4	55	W	4	c	1014.7	0	52	-3	-	0	-	c	1	-	55	48	*	*	*	*
Christiansund	1012.2	61	NNE	2	b	1012.3	0	55	0	NNE	3	-	b	2	-	63	55	*	*	*	*
Skudesnaes	1007.8	55	NNW	3	o	1003.3	-2	64	+12	NE	3	-	c	2	-	61	50	*	*	*	*
Færder (Xiania Fjord)	1005.1	64	N	2	c	1001.1	-3	59	-0.2	ENE	3	-	r	3	-	66	55	*	*	*	*
The Scaw (Skagen)	1003.4	59	NE	1	r	999.0	-1	55	-2	S	1	-	o	1	-	61	54	*	*	*	*
Blaavands Huk	1003.9	64	E	4	o	1001.8	+4	57	0	SW	2	-	m	*	-	66	55	*	*	*	*
Copenhagen	1003.5	57	ESE	3	m	1003.3	+2	57	+2	SW	3	-	f	0	-	59	52	*	*	*	*
Bornholm	1003.5	57	ESE	3	m	1003.3	+2	57	+2	SW	3	-	f	0	-	59	52	*	*	*	*
FRANCE, &c.																					
The Helder	1004.2	59	NNW	3	o	1001.2	0	55	-6	W	4	-	r	2	-	63	55	*	*	*	*
C. Gris Nez	1007.1	55	W	4	r	1006.1	0	55	+1	N	3	-	r	2	-	59	54	*	*	*	*
La Hève	1007.3	59	NW	3	o	1006.3	*	54	-1	NW	3	-	f	3	-	66	54	*	*	*	*
Brest (St. Mathieu)	1010.6	57	NW	5	r	1013.5	+3	55	-4	NW	5	-	o	4	-	61	54	*	*	*	*
Rochefort (the d'Alx)	1010.0	60	W	4	o	1010.9	+2	58	-1	WNW	6	-	o	*	-	66	57	*	*	*	*
Biarritz	1008.2	61	SW	2	o	1007.4	+1	55	-2	SW	2	-	o	*	-	68	54	*	*	*	*
Paris	1011.3	59	WSW	6	c	1009.3	*	54	0	W	3	-	c	*	-	65	51	*	*	*	*
Belfort	1011.7	64	NW	2	o	1010.7	*	59	-2	-	0	-	bc	*	-	72	51	*	*	*	*
Lyons	1005.7	69	E	4	b	1009.1	+3	60	-8	-	0	-	r	1	-	81	55	*	*	*	*
Nice	1012.4	66	W	1	o	1013.7	+1	57	-11	-	0	NW	r	*	-	75	55	*	*	*	*
Perpignan	1012.4	66	W	1	o	1013.7	+1	57	-11	-	0	NW	r	*	-	75	55	*	*	*	*
Sanguinaire	1012.4	66	W	2	bc	1013.7	+1	57	-11	-	0	NW	r	*	-	75	55	*	*	*	*
SOUTHERN STATIONS.																					
Corunna	1009.3	61	NW	4	f	1020.4	+1	61	0	-	0	-	b	2	-	63	57	*	*	*	*
Madrid	1005.3	86	WSW	2	b	1011.8	+3	64	-6	NNE	3	-	b	*	-	90	57	*	*	*	*
Lisbon	1013.9	66	NNW	5	b	1014.0	+2	59	-4	NNW	4	-	b	5	-	72	57	*	*	*	*
Azores	1028.7	*	NE	5	c	1026.0	0	66	0	NNE	4	-	c	2	-	72	64	*	*	*	*
Madeira	1017.6	68	N	3	o	1017.6	+1	64	+1	NE	3	-	c	3	-	70	63	*	*	*	*
Gibraltar	1010.8	71	NW	4	b	1010.8	*	67	-1	W	4	-	b	2	-	81	66	*	*	*	*
Malta	1009.6	*	*	*	*	1009.6	+1	79	-5	ENE	1	-	b	0	-	93</					



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

Light Northerly to variable breezes; dull, damp, some rain and mist; cool.

Light to moderate Northerly breezes; dull, damp, some rain and mist; cool.

Light to moderate Northerly breezes, backing Westerly or Southerly; dull, damp, some rain and mist; cool.

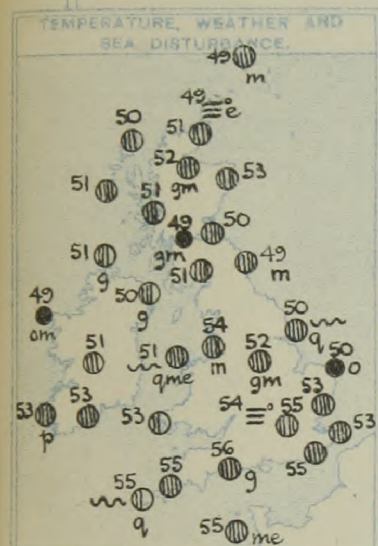
Moderate breezes between North and West; sea moderate; changeable, some showers, mist or fog; cool.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR THE MORNING OF WEDNESDAY, 28TH JUNE, 1916.

GENERAL INFERENCE.

The general situation remains of an unsettled type.



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:—

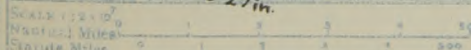
○ clear sky. ○ sky 1/2 cloudy. ○ sky 3/4 cloudy. ○ sky 4/5 cloudy. ○ overcast sky. ● rain falling. * snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

SEA DISTURBANCE.—Rough wavy. High wavy.

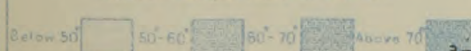
31

30

29



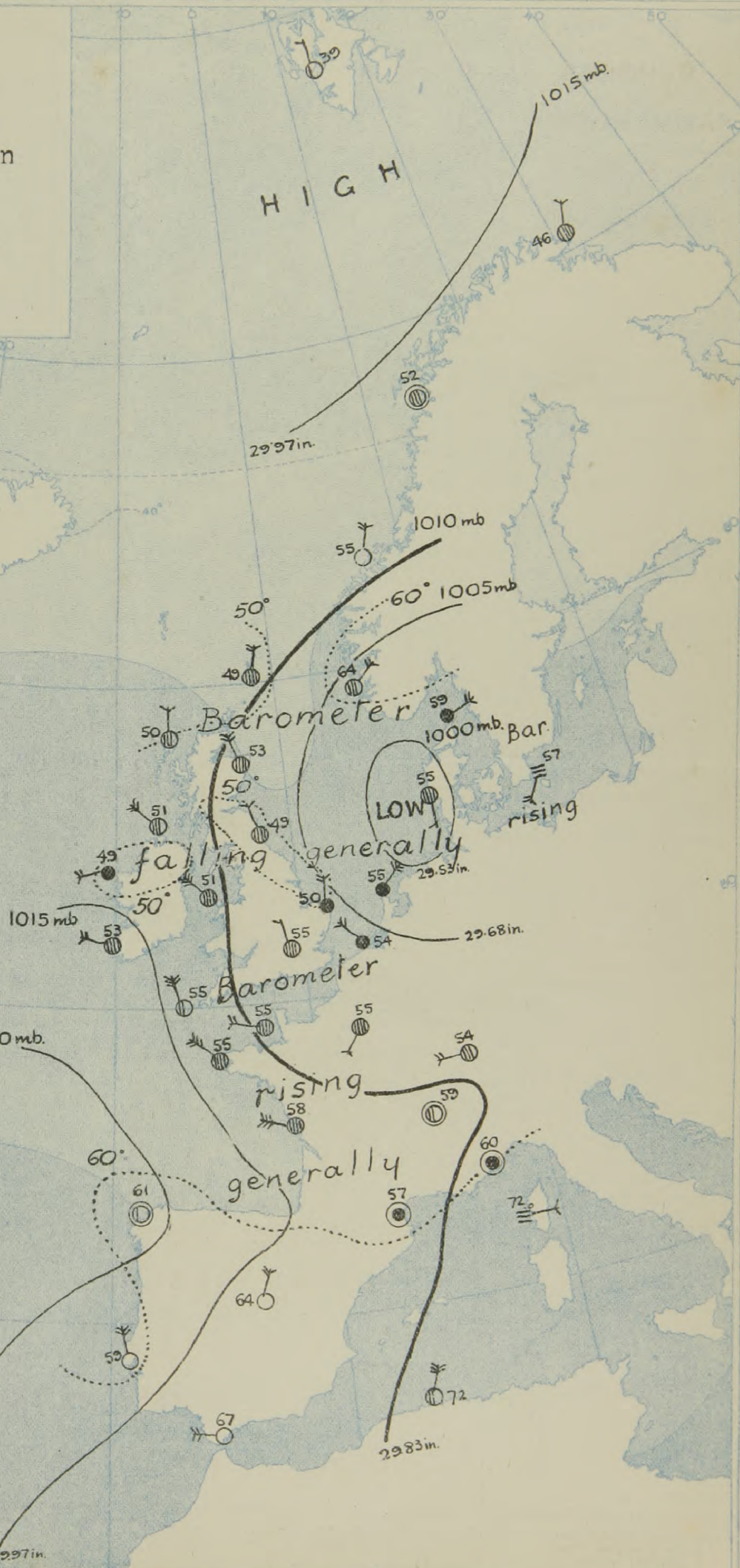
Normal Temperature of the Sea



Scale of Tints for JUNE.

30

29



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	26 th ...AT 9 P.M. LOCAL TIME					27 th ...AT 7 A.M. LOCAL TIME.										Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	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.								
Archangel ...	1008.6	63	N	2	o	1001.0	-4	55	-8	NE	2	*	o	*	3	*	54		
Gorki ...	1010.0	57	N	1	b	1009.9	*	61	+7	N	1	*	b	*	2	*	46		
Veliki Luki ...	1010.3	*	*	*	*	1010.3	*	59	+5	-	0	*	bc	*	-	*	52		
Hangö ...	1012.2	63	-	0	b	1012.4	0	59	+2	-	0	*	b	*	0	*	50		
Riga ...	1013.9	61	-	0	b	1012.0	+1	61	-5	-	0	*	b	*	-	*	52		
Petrograd ...	1012.0	63	NW	2	b	1008.3	-2	60	+1	N	3	-	b	*	-	68	54		
Moscow ...	1006.6	55	NNE	2	c	1004.8	0	57	+2	WNW	3	*	c	*	6	*	54		
Kiev ...	1012.8	62	-	0	b	1011.8	0	62	+3	WNW	2	*	b	*	-	*	54		
Kharkov ...	1012.0	55	-	0	b	1012.4	+2	59	0	NW	1	*	b	*	-	*	48		
Kishinev ...	1013.2	69	S	1	bc	1011.8	*	64	+1	E	2	*	o	*	1	*	61		
Elisabetgrad ...	1012.8	64	NNW	2	b	1012.8	0	60	+3	-	0	*	b	*	-	*	48		
Nicolaiev ...	1013.0	66	SW	3	b	1012.0	*	64	-2	-	0	*	bc	*	?	*	59		
Odessa ...	1013.5	66	SW	3	c	1012.7	0	66	0	WSW	2	*	o	*	-	*	63		
Tarkhankout ...	1015.1	68	SW	2	bc	1013.3	*	69	+1	SE	3	*	bc	*	-	*	61		
Soukhom ...	1014.1	72	-	0	c	1013.2	*	72	+2	-	0	*	c	*	-	*	*		

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 26 th	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17h.	STATIONS.	Sun- shine for 26 th	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		Mm.	Mm.	°F.	°F.						Mm.	Mm.	°F.	°F.			
Scotland.									England, E.								
(Oban ...)	58.	-	-	59	48	c	o	10	(Lowestoft ...)	5.1	-	-	59	54	o.c.o	o.c.o	10
(Banff ...)	42.	-	-	55	45	c.b.c	b.c.c	04	(Felixstowe ...)	14.	0.4	7	63	53	b.c.v.c	o.r.b.c	02
(Carnoustie ...)	-	*	*	58	51	o.p.	o	11	(Walton-on-Naze ...)	1.6	0.4	8	62	53	o.c.b.c	o.r.o.c	0.1
(St. Andrews ...)	-	1	-	55	50	o.c.p	c	00	(Southend-on-Sea ...)	2.6	1	2	67	53	o.c	o.r	10.
Eng. N.E.									England, S.E.								
(Harrogate ...)	0.1	-	-	56	50	o	o	0.0	(Margate ...)	0.2	9	1	62	53	o.r	o.r.o	0.3
(Skegness ...)	0.7	-	-	58	52	m.o.u	o.r.g	0.0	(Ramsgate ...)	1.0	7	1	62	52	o	o.c.o.d	0.7
Eng. N.W.									(Hastings ...)	0.0	*	*	63	52	o.o	o.r	0.0
(Morecambe ...)	0.0	-	-	65	53	-	-	0.6	(Eastbourne ...)	0.5	17	14	63	53	b.b.c.o	b.c.o.r	2.0
(Blackpool ...)	-	-	-	-	-	-	-	-	(Seaford ...)	0.2	*	*	62	53	o	c	2.9
(Southport ...)	0.0	-	0.3	62	52	o.c	o.r.c.o	1.8	(Brighton ...)	0.2	13	-	62	53	o.c	c.o	2.4
Midlands.									(Worthing ...)	0.0	3	1	65	53	c	c.b.c	1.8
(Buxton ...)	0.0	1	-	64	52	o	o.p	0.0	(Littlehampton ...)	0.0	1	0.2	63	52	-	-	0.1
(Leamington Spa ...)	0.0	-	2	64	53	o	o.p	0.0	(Bognor ...)	0.2	*	*	64	52	bc	b.c.o.r	0.6
(Malvern ...)	0.0	-	1	63	51	o	o	0.0	(Bournemouth ...)	0.1	*	*	64	52	o.r	o.r	0.4
(Ross-on-Wye ...)	0.0	-	-	-	-	-	-	-	England, S.W.								
Wales.									(Weymouth ...)	0.0	*	*	64	52	b.c.c	o.o	2.0
(Rhyl ...)	1.8	-	-	59	54	o.c	c.b.c	2.3	(Torquay ...)	2.1	0.2	6	63	50	c	o.p	1.9
(Colwyn Bay ...)	2.0	-	-	59	54	c.b.c	bc	1.5	(Paignton ...)	-	-	-	-	-	-	-	-
(Llandudno ...)	3.7	-	-	58	54	b.b.c	b	4.2	(Penzance ...)	4.8	1	1	60	56	c.p.r	c.o	0.1
(Aberystwyth ...)	0.0	*	*	58	53	o.c	o.o	1.0	(Newquay ...)	4.3	1	3	57	54	o.p	o.p	0.2
(Tenby ...)	1.3	-	0.3	63	49	-	-	0.4	(Bude ...)	4.1	-	1	60	53	p	p	0.2
									(Ilfracombe ...)	2.0	*	*	59	48	c.o.p	o.p.o	0.2
									(Weston-s-Mare ...)	1.0	0.3	-	62	45	b.c.c	c.d.v	1.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 7868 Joules.	Average Rate. 14.6 Milliwatts.	Max. Rate. 59 Milliwatts	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.						
				Max.	Min.											
24 HOURS ENDED 9 h. TO-DAY																
%	%	Hr.	F.	F.	F.	mm.	bc	bc o	od op		Morning.	Evening.		Morning.	Evening.	
Greenwich (Royal Obsy.) ...	63	82	1.7	70	53	45	3									
City (Bunhill Row) ...	*	*	0.9	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	67	81	0.8	67	54	53	1	oem	u	oem o						
Camden Sq. (Brit. Rainfall)	67	77	1.8	65	54	53	1	od	o	*						
Hampstead (Reservoir) ...	*	87	0.6					c	op	o						
S. Kensington (Museum Grounds)	*	78	0.6	66	54	51	0.4	odco	o. op	op oe						
Richmond Park ...	*	*	*	*	*	*	*	*	*	*						
Kew. (See front page.)	*	*	0.6	*	*	*	*	*	*	*						
(Greenwich and Camden Square air temperatures are in Galsler screens.)																

Hours of Observation G.M.T.																
	Morning.	Evening.		Morning.	Evening.											
British Isles ...	7	18	Corunna ...	7	16											
France ...	7	18	Madrid ...	8	16											
Norway ...	7	18	Lisbon ...	7	21											
Denmark ...	6	17	Azores ...	8	17											
Holland ...	6	17	Madeira ...	7	21											
Italy ...	7	20	Malta ...	8	—											
Egypt ...	6	18	Limassol...	6	—											

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

28 th & 29 th June, 1916.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.34 11.56 8.18	G.M.T. 11.56 12.3 8.19	G.M.T. 8.18 8.19 9.20
Greenwich ...	3.47 12.3 8.19	12.3 12.15 9.20	8.19 9.20 9.21
Wick ...	3.9 12.15 9.20	12.15 12.15 9.20	9.20 9.20 9.21
Valencia ...	4.25 12.44 9.33	12.44 12.44 9.33	9.33 9.33 9.34

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 65° in most parts of the kingdom. Rain fell over a wide area; 14 mm. at Clacton-on-Sea. Little or no bright sunshine was recorded.

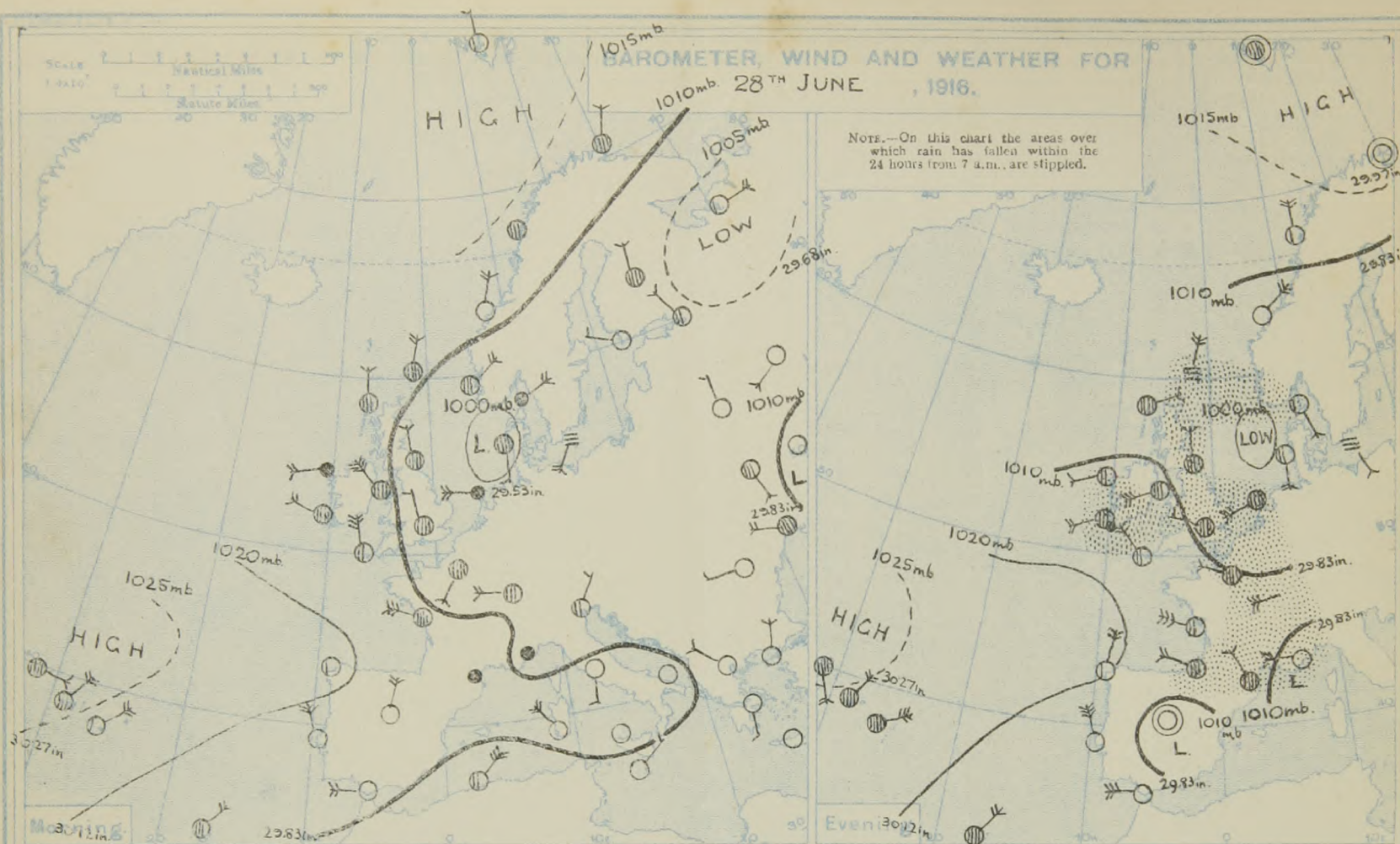
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; 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, 1916. No. 181.

Thursday
29th June

STATIONS.	YESTERDAY EVENING.					THIS MORNING										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.				
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.																						
Lerwick ...	1006.4	50	NNE	3	f	1005.8	0	50	+1	NNE	2	-	m	2	-	53	47	om	omf.	f.m.	*	
Deerness (Orkney) ...	1005.7	49	NW	4	r	1003.7	*	50	+1	NNW	3	-	f	2	6	52	49	mr	r	r.f.	0.0	
Stornoway ...	1009.4	53	ENE	2	adp	1007.0	0	51	+1	NW	2	-	adp	2	0.4	58	47	c.be	bc adp	bc adp	5.3	
Castlebay (Barra Isd.) ...	1009.6	56	W	2	b	1009.6	0	53	+2	W	3	W	b	3	-	57	45	o	o.c.b	b	7.1	
Glasgow ...	1007.4	55	W	2	or	1007.2	+1	49	0	W	3	N	c	*	Trace	58	46	omf og	o.c.	o.c	0.9	
Eskdalemuir ...	1006.9	55	WNW	4	o	1007.4	+1	49	-2	W	3	-	o	*	-	60	44	o	o	o.c.be	1.2	
Malin Head ...	1009.5	56	NW	3	bc	1008.2	0	52	+1	W	1	NW	b	1	-	57	48	bc	bc	bc	9.5	
Blacksod Point ...	1010.9	52	WSW	2	bcp	1008.8	-1	53	+4	WSW	1	W	bc	2	3	57	47	bcp	bcp.	bc	*	
Valencia ...	1013.7	55	WSW	4	c	1009.1	-3	53	0	SSE	3	SW	opd	2	0.2	58	51	o.c	cp.be.	o	4.5	
Roche's Point ...																						
Birr Castle ...	1011.6	57	W	2	c	1010.2	*	52	+1	SW	1	-	o	*	-	59	47	c	c	o	4.2	
Donaghadee ...	1010.2	52	NNE	2	cp	1009.1	+2	52	+2	WNW	2	W	cy	2	0.2	57	50	cmp	bc	cmp.og	*	
Liverpool (Bidston) ...	1009.6	54	W	3	o	1009.6	0	53	-1	WSW	3	W	o	3	-	58	51	o.c	bc	o	2.3	
Holyhead ...	1011.8	56	WSW	5	cv	1010.4	0	53	+2	WSW	4	-	o	3	-	60	51	o.c	c.be.c.	o.c.c	4.1	
Pembroke (St. Ann's) ...	1013.0	55	W	3	bc	1012.9	0	52	-1	W	2	W	c	2	0.4	58	52	bc	bc.	c.cp	8.0	
Scilly (St. Mary's) ...																						
Falmouth ...	1016.0	58	NW	4	bc	1014.9	-2	55	0	WSW	3	SW	ot	4	-	60	53	bc	bc	c.o	10.2	
Jersey (St. Aubin) ...	1013.4	59	W	5	b	1016.2	*	55	0	WSW	3	-	o	3	-	62	53	ome.c	c.b.	b.o	8.1	
Portland Bill ...	1011.1	58	WNW	4	c	1013.3	+1	55	-1	WSW	5	W	bc	4	-	62	53	o.c	bc.c.	c.be.	*	
Dungeness ...	1008.0	56	W	2	or	1012.8	+3	56	+1	SW	3	W	bc	3	7	61	50	o.be.	othr	o.c.be.	*	
Dover ...	1008.2	59	SW	2	o	1012.4	+3	57	+4	WSW	2	W	bc	3	0.1	64	51	o	c.be.c.o	o.c.be	3.3	
Wick ...																						
Nairn ...	1007.7	54	ENE	1	og	1005.5	*	51	-1	W	1	-	cg	1	4	58	48	o.c.be	bc.c.	odgp	2.3	
Aberdeen ...	1006.3	50	NW	4	r	1003.9	0	50	-3	NW	4	-	o	3	12	54	49	op	or	or	0.0	
Leith ...	1006.8	56	W	1	o	1005.9	0	51	+1	W	1	W	c	2	2	61	43	o.c.be	c.ogr	r.o.c	*	
Tynemouth ...	1006.6	51	N	2	omg	1006.1	0	50	+1	WNW	3	-	omg	3	1	55	47	cmg	omp.	omr.	*	
Spurn Head ...	1006.3	55	NNE	5	o	1008.1	0	53	+3	WNW	6	-	bq	5	4	59	49	o.c	o	or.cq	0.0	
Yarmouth ...																						
Clacton-on-Sea ...	1007.9	56	WNW	2	o	1011.5	+2	54	+1	W	3	NW	c	2	1	64	50	og	og.op	og.c	1.9	
Nottingham ...	1008.0	59	NW	4	c	1009.8	*	54	+2	W	2	W	c	*	4	61	47	ogmp	ogmr.c	c.be	0.7	
Benson (Oxon.) ...	1009.1	59	NW	3	o	1012.0	+2	55	+1	WSW	3	-	o	*	1	64	43	bc.o	opt	o.c	*	
Sth Farnborough ...	1008.9	57	WNW	2	o	1012.2	+2	55	0	WSW	4	-	o	*	3	67	44	o.beq	othr	o	2.9	
London (Kew Obsy.) ...	1008.9	61	WNW	1	o	1012.5	+1	55	0	WSW	2	-	o	*	Trace	66	50	o.c	c.op.o	o.cq.a	2.8	
NORTH EUROPE.																						
Spitsbergen ...	1019.1	43	-	0	o	1021.7	+2	39	0	-	0	*	o	*	*	43	36	UPPER AIR.				
Vardö ...	1019.3	45	-	0	b	1021.3	+2	45	-1	SE	1	-	f	2	*	46	43	South Farnborough.				
Bodö ...	1013.3	54	N	4	b	1012.3	0	61	+9	E	4	N	b	2	-	55	52	Pilot Balloon Ascent at 8.57 A.M.T.				
Christiansund ...	1008.3	54	NE	4	b	1006.0	0	54	-1	NNE	2	-	b	2	-	59	52	2,400 metres Wby M 10 metres per sec.				
Skudesnaes ...	1001.2	59	-	0	r	1001.3	0	61	-3	SE	2	-	c	2	10	70	59	2,100 " Wby M 10 " "				
Færder (Xantafjord) ...	1002.3	61	SSE	2	b	1003.7	+2	59	0	SSE	2	-	c	2	10	61	57	1,800 " NWbyM 10 " "				
The Scaw (Skagen) ...	1000.2	61	S	3	bc	1000.7	0	54	-1	SSW	5	-	r	4	Trace	63	50	1,500 " NWbyM 10 " "				
Blaavands Huk ...	1003.9	63	SSW	3	b	1006.4	+2	57	0	WSW	3	-	c	*	-	64	55	1,200 " W 10 " "				
Copenhagen ...	1003.9	63	SSW	3	b	1006.4	+2	57	0	WSW	3	-	c	*	-	64	55	900 " W 10 " "				
Bornholm ...	1005.9	55	SE	2	f	1007.0	+1	57	0	W	2	-	m	0	-	63	54	600 " W 10 " "				
FRANCE, &c.																						
The Helder ...	1004.0	54	WSW	5	o	1007.7	+2	55	0	WSW	4	-	bc	4	5	55	54	300 " W 10 " "				
C. Gris Nez ...	1008.8	57	W	6	r	1012.3	+3	55	0	W	5	*	bc	4	3	63	52	Surface. W 5 " "				
La Hève ...	1011.3	57	WNW	5	r	1015.5	*	54	0	WNW	4	*	o	5	2	66	50					
Brest (St. Mathieu) ...	1016.3	57	NW	4	c	1017.7	0	57	+2	WSW	4	*	o	3	-	61	54					
Roche fort (Ile d'Aix) ...	1015.9	61	WNW	5	bc	1019.5	+2	57	-1	NW	3	*	o	*	-	66	55					
Biarritz ...	1018.3	64	WNW	3	c	1019.4	0	60		SW	3	*	o	3	1	66	57					
GALES.																						
Duration and Extreme Force in British Islands.																						
Paris ...																						
Belfort ...	1011.3	57	WSW	5	r	1017.3	*	53	-1	W	4	*	m	*	11	63	52					
Lyons ...	1013.6	60	NNW	2	c	1018.1	*	58	-1	NW	1	*	o	*	1	72	58					
Nice ...	1005.6	73	W	5	b	1012.3	+4	65	+5	-	0	*	b	2	2	77	55					
Perpignan ...	1014.6	68	NW	2	o	1018.0	+1	64	+7	NW	2	-	b	*	2	72	55					
Sanguinaire ...	*	74	NW	5	o	*	*	72	0	E	2	*	b	3	-	81	63					
SOUTHERN STATIONS.																						
Corunna ...	1021.1	63	NNE	4	b	1021.1	0	61	0	NE	3	-	b	2	?	63	57					
Madrid ...	1009.5	79	-	0	b	1016.0	+2	66	+2	NE	1	-	b	*	-	81	59					
Lisbon ...	1013.0	68	NNW	6	b	1014.9	+1	61	+2	NNW	5	-	b	5	-	72	59					
Azores ...	1024.6	*	NNE	4	o	1020.4	-1	64	-2	SSE	2	*	o	2	1	70	63					
Madeira ...	1016.7	68	NE	3	o	1017.9	0	63	-1	ENE	3	-	bc	3	-	68	63					
Gibraltar ...	1011.5	71	W	5	b	1014.5	*	70	+3	E	5	*	o	4	-	85	67					
Malta ...	*	*	*	*	*	1012.0	+1	79	0	ENE	1	W	b	1	-	84	73					
Limassol ...	*	*	*	*	*	1006.9	+3	84	0	S	1	-	b	1	-	97	72					
Alexandria ...	1008.3	79	WNW	3	b	1009.5	+1	79	-2	W	2	-	b	2	-	88	75					
Cairo (Helwan) ...	1006.6	91	N	3	b	1008.8	+3	81	+2	N	2	-	b	*	-	102	73					
YESTERDAY'S REPORTS																						
... 27th June, 20 h. a.m.T.																						
Venice ...																						
Pesaro ...	1006.9	77	-	0	b	1007.9	*	73	-2	SSW	2	-	b	3	-	81	64					
Rome ...	1010.0	70	W	1	bc	1010.2	*	73	-2	S	1	-	b	*	9	82	66					
Viesti ...	1005.4	77	SE	1	b	1008.1	*	77	-5	WNW	1	-	b	2	9	88	72					
Brindisi ...	1006.0	84	S	1	b	1010.4	*	77	0	-	0	-	b	2	-	90	70					
Cagliari ...	1008.9	81	NW	6	b	1010.6	*	73	+1	NW	4	-	b	4	-	84	64					
Palermo ...	1010.9	75	-	0	b	1010.8	*	77	-9	-	0	-	b	1	-	90	64					
Tripoli ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
Algiers ...	1010.7	70	NE	1	b	1008.7	+1	72	+4	NNE	5	-	bc	4	-	75	66					
... 28th June, 7 h. a.m.T.																						
Venice ...																						
Pesaro ...	1006.9	77	-	0	b	1007.9	*	73	-2	SSW	2	-	b	3	-	81	64					
Rome ...	1010.0	70	W	1	bc	1010.2	*	73	-2	S	1	-	b	*	9	82	66					
Viesti ...	1005.4	77	SE	1	b	1008.1	*	77	-5	WNW	1	-	b	2	9	88	72					



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 } Northerly to Westerly breeze, moderate to light;
1 } changeable, some showers and mist; cool.

2 }
3 } Moderate to fresh Westerly to Southerly breeze;
4 } fair to dull, some rain and mist; cool.
5 }

6 } Westerly to variable breezes, light; fair to dull,
7 } some showers and mist; cool.

7 } Same as Nos. 2 to 5.

8 } Moderate to fresh Southerly breeze, doubtful later;
9 } dull, unsettled, some rain, mist or fog; cool.

9 } Same as No. 6.

10 } Same as No. 8.

11 } Moderate to fresh South-Westerly breeze; sea rather rough; dull to fair, some rain, local mist or fog.

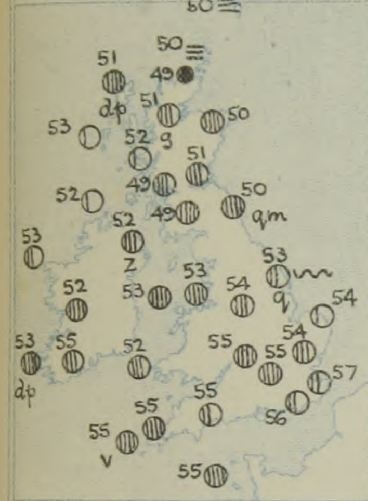
FURTHER OUTLOOK.

SYNOPTIC CHART FOR THE MORNING OF THURSDAY, 29th JUNE, 1916.

GENERAL INFERENCE.

A new depression approaching South-Western coasts will prolong the unsettled type of conditions.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



EXPLANATION.

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

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

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

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 ~~~~~



REPORTS FROM RUSSIA FOR YESTERDAY.

STATIONS.	27 th AT 9 P.M. LOCAL TIME					28 th AT 7 A.M. LOCAL TIME.										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.					
			Direc.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.								
Archangel ...		°F.				1003.4	+	°F.	°F.										
Gorki ...	1008.2	63	N	1	b	1008.4	*	64	+9	E	3	*	b	*	2	*	55		
Veliki Luki ...	1007.8	64	WSW	2	b	1008.7	*	64	+2	N	1	*	b	*	*	*	48		
Hangö ...	1010.0	61	-	0	b	1009.1	-2	61	+5	S	1	*	b	*	-	*	54		
Riga ...	1009.3	63	-	0	b	1009.1	-2	61	+2	-	0	*	b	*	-	*	55		
Petrograd ...	1006.6	63	NW	2	bc	1008.2	+1	66	+5	-	0	*	b	*	-	*	57		
Moscow ...	1005.9	63	WNW	2	bc	1005.7	0	59	-1	NW	2	N	bc	*	-	70	57		
Kiev ...	1009.7	68	ENE	3	bc	1006.4	0	61	+4	WSW	2	*	b	*	-	*	52		
Kharkov ...	1012.3	61	SE	2	bc	1008.3	0	64	+2	SSE	2	*	c	*	-	*	61		
Kishinev ...	1009.7	66	S	4	o	1011.7	0	64	+5	-	0	*	b	*	-	*	52		
Elisabetgrad ...	1009.7	66	S	4	o	1008.4	0	63	-1	SSE	2	*	o	*	1	*	57		
Nicolaiev ...	1010.1	68	S	1	bc	1010.0	0	64	+4	N	2	*	o	*	-	*	57		
Odessa ...	1010.1	68	-	0	c	1009.7	*	66	+2	-	0	*	o	*	-	*	59		
Tarkhankout ...	1010.4	68	SSW	2	o	1009.5	0	64	-2	S	3	*	o	*	1	*	63		
Soukhom ...	1011.3	68	-	0	c	1010.0	+2	68	-1	-	0	*	r	*	1	*	64		
Soukhom ...	1010.7	70	-	0	o	1008.3	-1	72	0	NNW	2	*	b	*	-	*	63		

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 24 h.	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 24 h.	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.
		Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.	
		mm.	mm.	°F.	°F.						mm.	mm.	°F.	°F.			
Scotland.									England, E.								
Oban ...	1.0	-	4	58	50	c	bc	4.3	Lowestoft ...	10	0.1	-	60	50	od	oc	1.7
Banff ...	0.5	-	4	51	49	or	or	0.0	Felixstowe ...	0.2	-	-	63	52	cv. cm.	bc. cm.	1.6
Carnoustie ...	1.1	*	*	64	54	bc. o. c	c	6.3	Walton-on-Naze ...	0.1	-	0.3	62	52	oc. bc	bc. cm.	1.4
St. Andrews ...	0.0	-	-	61	48	b	o	4.1	Southend-on-Sea ...	1.0	-	-	66	53	o	co. b	0.5
England, N.E.									England, S.E.								
Harrogate ...	0.0	-	0.4	62	46	c. b. bc	bc. c	3.4	Margate ...	0.3	0.4	-	64	51	c	c. bc. c	1.9
Skegness ...	0.0	-	1	61	49	cy	ogr	3.5	Ramsgate ...	0.7	2	-	63	53	o	o. c. o	2.1
England, N.W.									Hastings ...	2.4	*	*	64	53	orc	bc. or	1.3
Morecambe ...	0.6	10	-	63	50	-	-	6.0	Eastbourne ...	2.0	2	2	65	54	o. b	c	1.7
Blackpool ...	1.8	2	-	59	48	o. c	o. c. b	4.0	Seaford ...	3.0	*	*	65	54	o	c	2.1
Southport ...	1.8	2	-	59	48	o. c	o. c. b	4.0	Brighton ...	2.4	0.4	-	65	55	o. c	c. or	2.0
Midlands.									Worthing ...	1.5	-	-	67	55	c	c	2.8
Buxton ...	0.0	1	1	64	52	bc. op	bc. op	3.6	Littlehampton ...	0.2	0.4	-	66	55	o. bc	bc	1.8
Leamington Spa ...	0.0	-	3	60	52	o	bc	1.0	Bognor ...	0.4	*	*	64	53	c. bc	bc	5.0
Malvern ...	0.0	-	-	64	53	o	o. c. bc	0.5	Bournemouth ...	0.4	*	*	64	53	c. bc	bc	5.0
Ross-on-Wye ...	0.0	-	-	64	53	o	o. c. bc	0.5	Weymouth ...	2.0	*	*	62	54	o. c. bc	bc. bc. c	2.6
Wales.									Torquay ...	1.9	1	-	63	53	o. c	bc. bc	1.7
Rhyl ...	2.5	-	4	59	51	rc. c	c. bc	1.9	Paignton ...	0.1	1	-	62	54	c. bc	bc	4.8
Colwyn Bay ...	3.9	*	*	58	50	rc	bc	1.5	Penzance ...	0.1	1	-	62	54	c. bc	bc	4.8
Llandudno ...	4.2	*	*	56	51	rc	rc	1.2	Newquay ...	0.2	-	-	58	54	o. bc	bc	7.1
Aberystwyth ...	1.0	*	*	58	51	o. c	c. bc	4.5	Bude ...	0.2	-	-	60	54	c	c. bc	6.0
Tenby ...	1.2	-	-	62	51	-	-	3.3	Ilfracombe ...	0.5	*	*	59	50	c. bc	bc	6.0
									Weston-s-Mare ...	1.0	1	-	63	46	o. c	bc. bc. bc	2.4

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 1114 Joules.	Average Rate. 187 Milliwatts.	Max. Rate. 78 Milliwatts.						
	25 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	Morning.	Evening.	Morning.	Evening.							
				Max.	Min.																
															24 HOURS ENDED 9 h. To-DAY						
%	%	Hr.	F.	F.	F.	mm.															
Greenwich (Royal Obs.) ...	90	77	1.1	66	49	46	3	0	o. p	o. p											
City (Bunhill Row) ...	*	*	2.1	*	*	*	*	*	*	*											
Westminster (St. James's Pk.)	82	72	1.7	66	50	49	2	ord	b	r. c. b. o	British Isles ...	7	18	Corunna ...	7	16					
Camden Sq. (Brit. Rainfall)	68	71	2.2	67	51	49	2	0	a. b	*	France ...	7	18	Madrid ...	8	16					
Hampstead (Reservoir) ...	*	75	2.2	63	47	35	2	0	0	0	Norway ...	7	18	Lisbon ...	7	21					
S. Kensington (Museum Grounds)	*	72	1.9	65	51	47	3	0. c. o	o. p. o	0. c	Denmark ...	6	17	Azores ...	8	17					
Richmond Park ...	*	*	3.0	*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21					
Kew. (See front page.)	*	*	2.8	*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—					
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																Egypt ...	6	18	Limassol ...	6	—

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

29 th June, 1916.	Sunrise.	Noon.	Sunset.
Yarmouth ...	3.34	11.56	8.18
Greenwich ...	3.47	12.3	8.19
Wick ...	3.10	12.15	9.20
Valencia ...	4.25	12.44	9.31

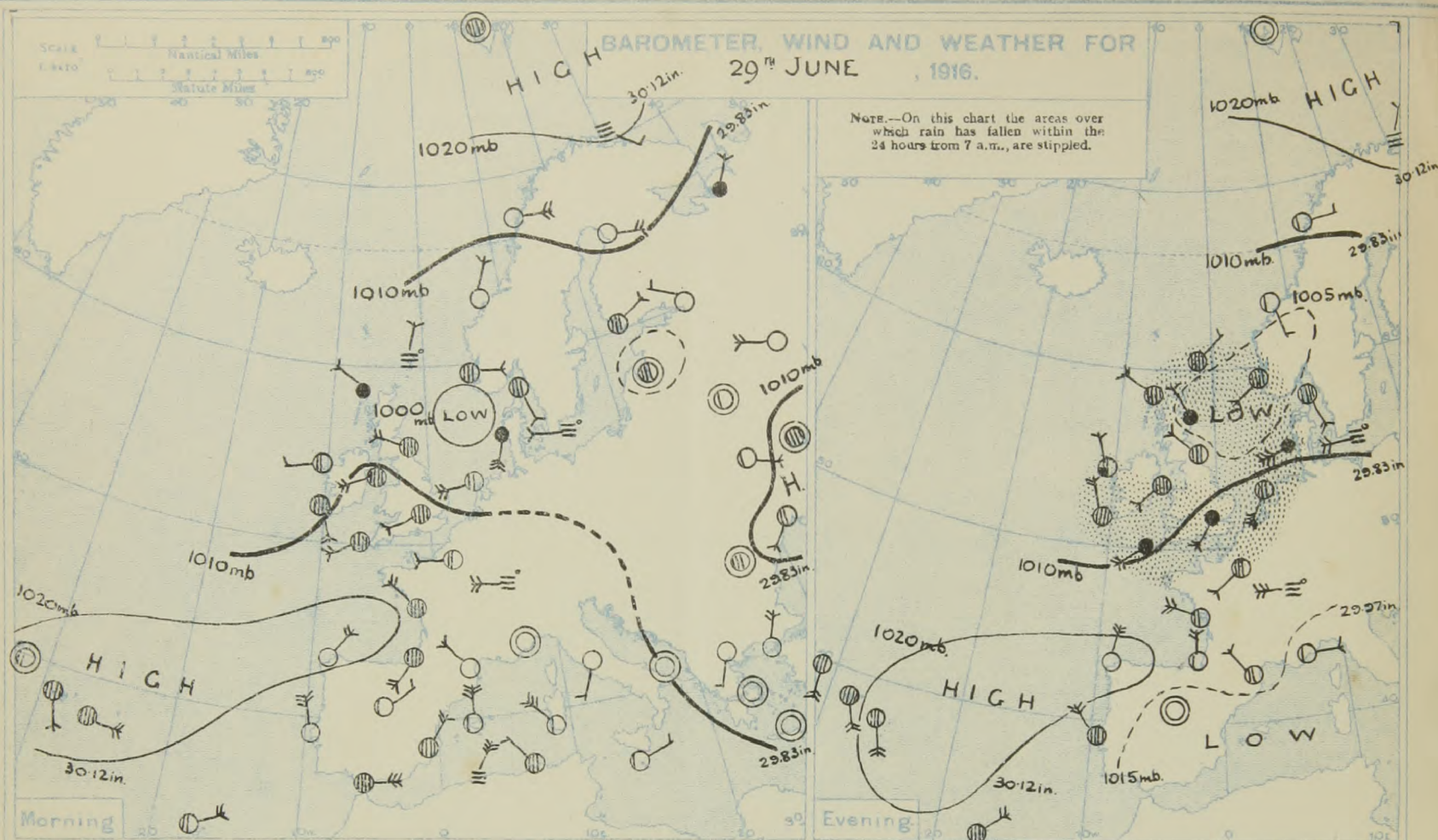
NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 60° in many northern and western districts and below 65° in most other districts. Rain fell in most localities, and the duration of bright sunshine was slight except here and there in the north and west.

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

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.

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



FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No
Warnings
Issued.

Western Channel and Bay 11

FURTHER OUTLOOK.

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

NAPIER SHAW, Director.

Variable breezes; changeable, some rain
and mist; cool.

Westerly and North-Westerly fresh to light
breezes; showers, fair or fine intervals; cool.

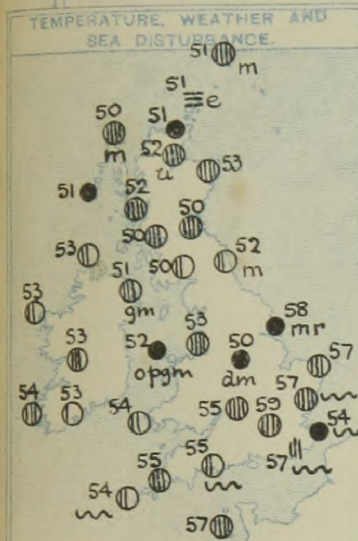
Same as Nos. 0 to 2.
Light to moderate Westerly breeze, backing
again; fair to dull, some rain; cool.
Moderate North-Westerly breeze, backing again;
fair to dull, some rain; cool.

Same as No. 7.
Fresh North-Westerly to Westerly or South-
Westerly breeze; sea rather rough; fine to dull, some
showers, local mist or fog; cool.

SYNOPTIC CHART FOR THE MORNING OF FRIDAY, 30TH JUNE, 1916.

GENERAL INFERENCE .

A continuance of unsettled conditions is indicated.



EXPLANATION.

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

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

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

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

WEATHER.—Shown by the following symbols:—

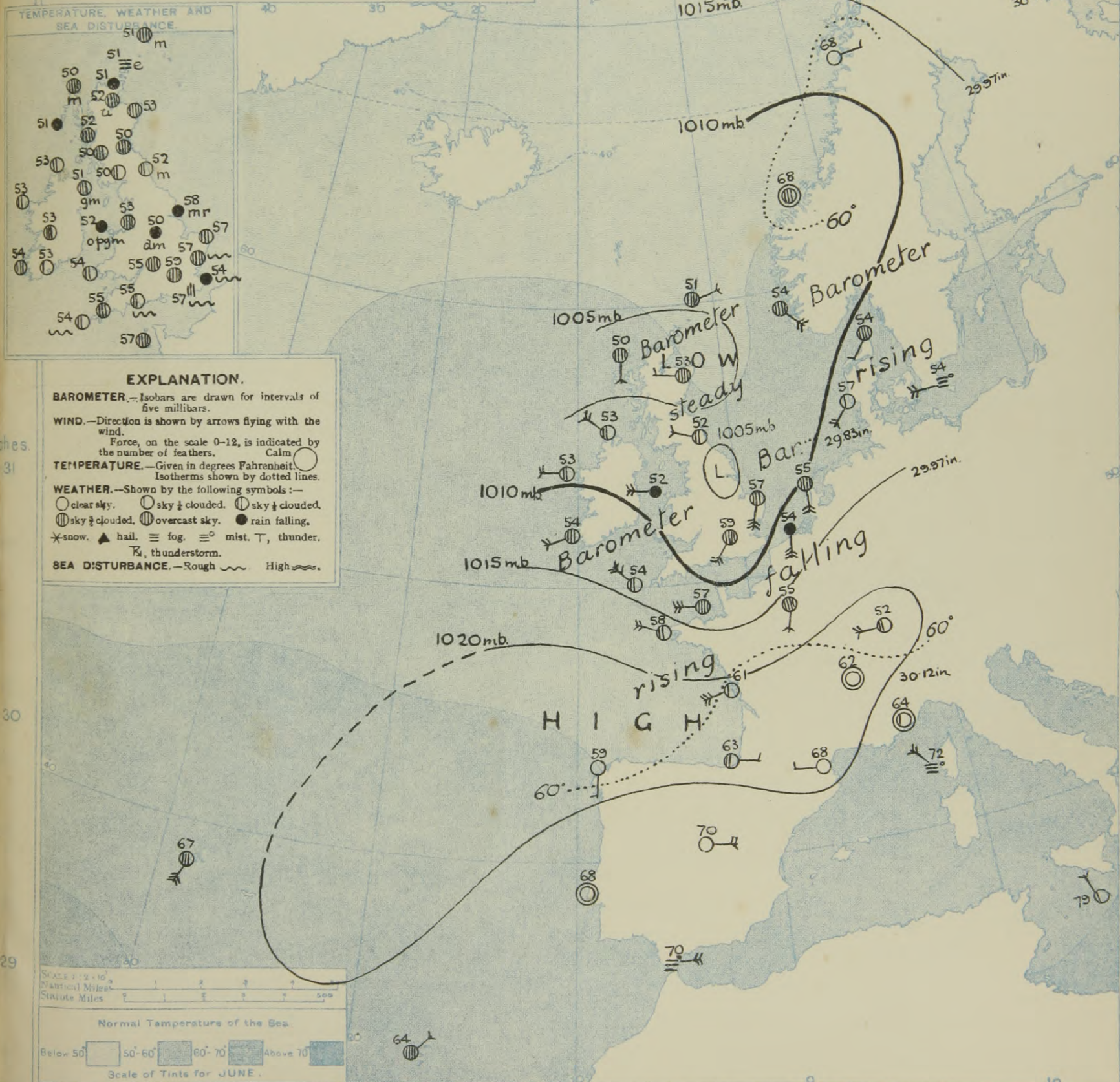
clear sky. sky 1/2 clouded. sky 3/4 clouded.

overcast sky. rain falling.

snow. hail. fog. mist. thunder.

thunderstorm.

SEA DISTURBANCE.—Rough High .



REPORTS FROM RUSSIA FOR YESTERDAY.	STATIONS.	28 th SAT 9 P.M. LOCAL TIME					29 th SAT 7 A.M. LOCAL TIME.												Rain		TEMP.	
		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.	fall. Milli- metres.	Max.	Min.				
				Direc.	Force 0-12.				Dry Bulb.	F.	F.	Direc.							Force 0-12.			
	Archangel ...	1002.6	63	NNE	2	bc	1005.9	*	61	-3	NE	2	*	r	*	-	*	57				
	Gorki ...						1006.9	*	64	+1	-	0	*	b	*	-	*	48				
	Veliki Luki ...						1007.3	*	66	+2	-	0	*	o	*	-	*	55				
	Hango ...	1008.7	63	-	0	c	1007.7	0	63	+2	ENE	2	*	c	*	-	*	54				
	Riga ...	1006.3	68	-	0	c	1003.9	0	70	+4	-	0	*	c	*	-	*	64				
	Petrograd ...	1005.7	64	NW	1	c	1007.3	+1	63	+4	WNW	1	-	b	*	1	72	55				
	Moscow ...	1007.1	59	NNW	2	bc	1006.7	0	63	+2	WNW	3	*	b	*	-	*	54				
	Kiev ...	1008.7	68	SSW	4	r	1008.6	0	64	0	ESE	2	*	b	*	1	*	61				
	Kharkov ...	1010.3	68	-	0	o	1011.0	0	66	+2	-	0	*	o	*	-	*	61				
	Kishinev ...	1010.1	68	-	0	c	1011.1	+1	64	+1	NW	1	*	b	*	-	*	59				
	Elisabetgrad ...	1009.5	68	-	0	r	1009.7	0	68	+4	S	2	*	r	*	7	*	59				
	Nicolaiev ...	1010.6	66	-	0	bc	1010.3	*	68	+2	S	2	*	b	*	3	*	59				
	Odessa ...	1009.6	68	SW	2	o	1010.1	+1	70	+6	SW	2	*	b	*	-	*	64				
	Tarkhankout ...	1010.9	70	W	1	b	1011.3	*	72	+4	SW	1	*	b	*	-	*	54				
	Soukhom ...												*		*		*					

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 17h.

STATIONS.	Sun- shine for 28 th	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.	STATIONS.	Sun- shine for 28 th	Rainfall.		TEMPERATURE.		WEATHER.		Sun- shine to 17 h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		Night. 12h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.				Night. 17h-9h.	Day. 9h-17h.	Max.	Min.	Forenoon.	Afternoon.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Mm.	Mm.	F.	F.						Mm.	Mm.	F.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Scotland.	{	Oban ...	6.5	-	-	59	49	b.b.c	b	9.6	England, E.	{	Lowestoft ...	1.7	-	-	64	47	b.c.c	c.o.u	3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Banff ...	0.0	1.0	-	52	49	od	od	0.0			Felixstowe ...	1.6	-	-	66	49	b.c	b.c	5.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Carnoustie ...	6.3	*	*	60	51	o	a.c	0.0			Walton-on-Naze ...																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		St. Andrews ...	4.1	2	-	60	49	o	c	0.0			Southend-on-Sea ...	0.5	0.1	-	66	50	o.c	b.b.c	3.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Eng. N.E.	{	Harrogate ...	3.4	-	-	62	45	b.c.b	b.b.c.b	11.0	England, S.E.	{	Margate ...	1.9	0.3	-	65	53	b.b.c.c	b.c.a.b.c	4.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Skegness ...	3.5	-	-	65	49	c.b.c	b.c.o.c	9.4			Ramsgate ...	2.1	0.4	1	62	51	b.c	b.c	6.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Eng. N.W.	{	Morecambe ...	8.0	-	-	61	50	-	-	8.6			Hastings ...	1.3	*	*	61	53	b.b.b.c	b.c.c	6.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Blackpool ...								Eastbourne ...			1.7	*	*	60	49	o.b.b.c	b.c	6.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		Southport ...	5.2	-	-	60	53	o.c.b.c	b	6.5			Seaford ...	2.1	*	*	61	48	c	c	4.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Midlands.	{	Buxton ...									England, S.W.	{	Brighton ...				63	47	c.b.c	b.c.c	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Leamington Spa ...	2.8	-	0.1	64	47	b.c.p	b.c.o	4.5			Worthing ...	3.0	-	-	63	47	b.c	b.c.o	4.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Malvern ...	1.0	-	0.4	62	48	b.c	c	3.5			Littlehampton ...	2.6	-	-	65	46	b.c	b.c.o	4.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Ross-on-Wye ...	0.9	-	2	64	46	o	or	2.3			Bognor ...	4.2	*	*	61	47	b.c	b.c.or	4.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Wales.	{	Rhyl ...	2.9	-	-	60	50	c.b.c	b.c.c	3.4			Bournemouth ...	5.0	*	*	63	47	b.c.c	or	3.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Colwyn Bay ...	1.5	*	*	61	51	b.c	b.c.o	3.4	Weymouth ...	2.6	*	*	63	52	c.b.p	b.c.p	0.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		Llandudno ...	1.2	*	*	61	52	a	b.c.c	5.2	Torquay ...	3.0	1	5	60	47	o.c	o.c.r	0.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		Aberystwyth ...	4.5	*	*	59	52	o.c.b	b.c.o	5.5	Paignton ...	3.2	*	*	61	50	c	or	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		Tenby ...	4.7	1	4	61	52	-	-	2.4	Penzance ...	2.8	-	9	59	53	c.or	o.r.c	0.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during Yesterday.		Total. 1305 Joules.	Average Rate 21.9 Milliwatts.	Max. Rate. 32 Milliwatts.	
	15 h. Yester- day.	9 h. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	Hours of Observation G.M.T.					
				Max.	Min.						Morning.	Evening.	Mor	Evening.		
24 HOURS ENDED 9 h. To-DAY																
%	%	Hr.	F.	° F.	° F.	min. s	c	c op	or		Morning.	Evening.		Mor	Evening.	
Greenwich (Royal Obsy.) ...	61	83	3.2	67	51	51	5	c	c op	or						
City (Bunhill Row) ...	*	*	2.3	*	*	*	*	*	*	*						
Westminster (St. James's Pk.)	59	85	2.5	65	53	53	7	b.c.op	bc	b.c.o	British Isles ...	7	18	Corunna ...	7	16
Camden Sq. (Brit. Rainfall)	65	76	3.4	70	53	53	7	o	o	*	France ...	7	18	Madrid ...	3	16
Hampstead (Reservoir) ...	*	93	2.5	62	49	41	8	or	op	op	Norway ...	7	18	Lisbon ...	7	21
S. Kensington (Museum Grounds)	*	83	2.5	65	52	51	7	o.c.o	c.bc	c. op	Denmark ...	6	17	Azores ...	8	17
Richmond Park	*	*		*	*	*	*	*	*	*	Holland ...	6	17	Madeira ...	7	21
Kew. (See front page.)	*	*	3.1	*	*	*	*	*	*	*	Italy ...	7	20	Malta ...	8	—
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																

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

30 th June + 1 st July, 1916.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.35	11.56	8.17
Greenwich ...	3.48	12.3	8.18
Wick ...	3.10	12.15	9.19
Valencia ...	4.26	12.44	9.23

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 65° nearly everywhere, only 51° at Lerwick and Wick. Rain fell at most stations, 16 mm. at Spurn. Thunder occurred at Hastings and Eastbourne. Sunshine varied greatly, none in places, 13 hours at Castlebay.

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.

ADDITIONS AND CORRECTIONS
TO THE
DAILY WEATHER REPORT.

JUNE, 1916.

Corrections and additions for the month of June 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 issued in due course on a separate sheet.

R

	DATE	S
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REPORTS FOR JUNE, 1916.

[illegible]

CORRECTIONS.

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. ° F.	Change in 24 hours. ° F.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
			° F.						° F.	° F.							° F.	° F.				
27.	Silly	1010.8.	54.
	Eskdalemuir.	.	.	.	.	.	1010.0.	.	52.	+1	.	.	.	.	.	.	.	.	.	.	.
	Roche's Point.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	65	.	.	.	.
	Nairn.	.	.	ENE.	.	.	.	.	.	.	.	.	.	.	.	.	.	c.b.c.g.	.	.	.
28.	Donaghadee	.	.	.	.	.	1011.4	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Silly.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	56.	.	.	.	.
29.	Glasgow.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.3.	.	.	.	.	.
	Roche's Point.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	c.
30.	Eskdalemuir.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	59.	.	.	.	.
	Roche's Point.	1006.7.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Donaghadee.	.	.	.	.	.	1007.4	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Silly	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.2.
<hr/>																						

LONDON OBSERVATIONS.

										UPPER AIR.					
										South Farnborough.					
STATIONS.		HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Date.	ADDITIONS.	Date.	CORRECTIONS.
		3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				
					Max.	Min.									
%	%	Hr.	F.	F.	F.	mm.	g								
2.	Greenwich	68.	.	0.1	.	.	.	.	.	.	.				Pilot Balloon Ascent at 6.20 h
3.	Richmond Park.	.	.	9.2	.	.	.	.	.	.	.				22. Surface S 1 metre per sec.
	Westminster.	.	.	.	.	.	.	.	.	.	.
	South Kensington	.	65	10.5	.	.	.	.	.	.	.
4.	Richmond Park.	.	.	8.4	.	.	.	.	.	.	.
6.		.	.	8.8	.	.	.	.	.	.	.
7.		.	.	6.5	.	.	.	.	.	.	.
9.	Greenwich	.	.	6.3	.	.	.	.	.	.	.
12.	Richmond Park.	.	.	5.2	.	.	.	.	.	.	.
12.	City	.	.	14.3	.	.	.	.	.	.	.
13.	Richmond Park	.	.	0.0	.	.	.	.	.	.	.
14.		.	.	1.7	.	.	.	.	.	.	.
18.	Hampstead.	.	86	14.4	63	43	?	.	bc	bc	bc 0				
	Richmond.	.	.	13.8	.	.	.	.	.	.	.
19.	Hampstead.	.	82	6.5	60	47	?	.	o.bc	bc	e 0.				
	South Kensington.	.	79	.	.	.	.	.	.	.	.
	Richmond Park.	.	.	.	.	.	.	.	.	.	.
20.		.	.	0.5	.	.	.	.	.	.	.
21.		.	.	9.4	.	.	.	.	.	.	.
22.		.	.	2.1	.	.	.	.	.	.	.
24.		.	.	0.4	.	.	.	.	.	.	.
28.		.	68	.	.	.	.	.	.	.	.
28.	South Kensington	.	.	3.0	.	.	.	.	.	.	.
	Richmond Park.	.	.	10.2	.	.	.	.	.	.	.
26.		.	.	0.0	.	.	.	.	.	.	.
27.		.	.	0.0	.	.	.	.	.	.	.
28.		.	.	0.8	.	.	.	.	.	.	.
30.		.	.	3.5	.	.	.	.	.	.	.