

**METEOROLOGICAL OFFICE.**

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**DAILY WEATHER REPORTS.**

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**1<sup>ST</sup> JULY TO 31<sup>ST</sup> DECEMBER 1914.**



METEOR  
South



# DAILY WEATHER REPORT. APPENDIX I.

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

### FOURTH QUARTER, OCTOBER TO DECEMBER.

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

OCTOBER.	STATIONS.	PRESSURE. 1906-1910.  7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910.  Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1910.  Average Duration. Per Centage of Possible Duration.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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			Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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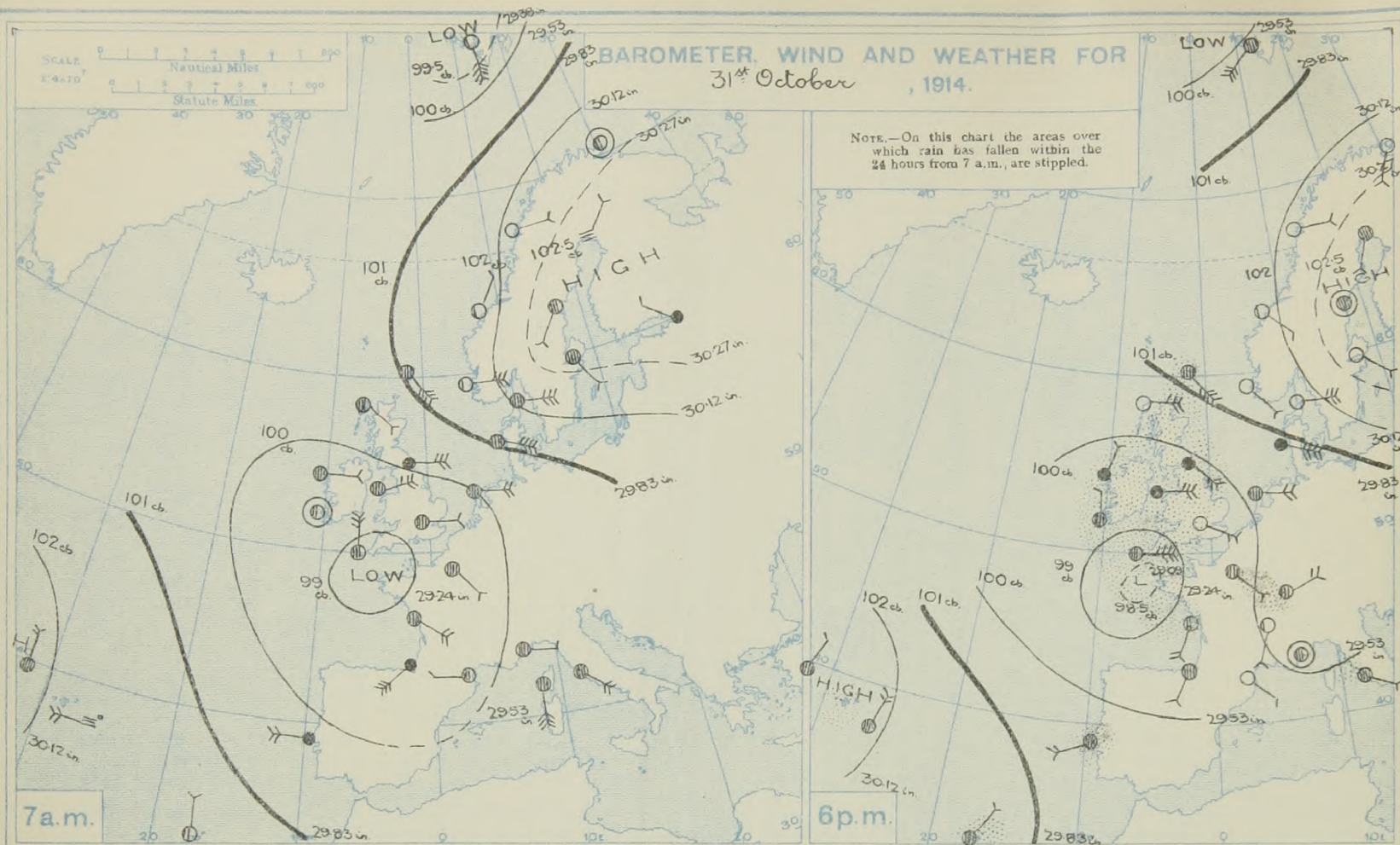


## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
1st November, 1914.

21 November, 1914.																						
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										LAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	Temp.	Wind.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	Temp.		Weather.			
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
Hours.																						
BRITISH ISLANDS.	Lerwick	1011.8	46	SE	7	o	1011.4	0	45	-1	SE	7	-	adm	5	1	46	44	omdg	om	omd	*
	Deerness	1007.8	47	SE	6	og	1006.8	*	47	0	SE	5	-	ogpdq	6	2	49	46	c.bc	bcq	opd	0.0
	Stornoway	1003.1	51	E	5	cq	1003.2	0	50	+6	ESE	6	-	og	5	-	54	44	c.bc	bcq	c.ogu	0.7
	Castlebary (Barra Isd.)	1000.7	53	NE	2	o	1000.4	0	51	+3	NE	3	-	o	1	53	47	bc.o	o	op.o	0.1	
	Glasgow	999.8	48	ENE	3	o	1000.4	+2	48	0	ENE	2	-	og	2	49	46	odp	o	odp.o	0.0	
	Esikdalemuir	999.5	45	ENE	4	o	1000.1	+1	46	-2	E	2	-	or	3	48	44	od.o	or	o.or	0.0	
	Main Head	997.4	51	E	3	r	997.8	+1	48	-2	E	6	E	c	5	55	48	cpq	cpmq	cp	0.0	
	Markree Castle	992.5	50	NE	2	o	995.6	*	45	0	NE	2	-	b	5	*	+	og	op	op.c	0.0	
	Blacksod Point	995.8	50	MNE	2	om	994.3	+3	47	0	ENE	3	E	cp	3	57	46	om	omr	omr.c	*	
	Valencia	992.4	50	N	1	o	980.4	0	47	+9	NE	3	-	bc	4	10	51	36	cg	or	omr	0.0
	Roches Point	991.9	50	N	2	r	987.4	*	46	-1	N	3	W	c	3	8	50	45	c.or	r	r.o.c	*
	Birr Castle	993.4	49	NE	1	r	992.2	*	43	-1	N	3	-	o	3	9	50	42	or	ord	or.o	0.0
	Donaghadee	995.8	51	ESE	5	ogm	996.2	+2	50	-1	SE	5	SE	bcq	4	2	52	48	ogm	ogm	omr.bc	*
	Liverpool (Bidston)	995.1	49	ENE	3	r	994.1	0	47	-2	ENE	4	-	o	3	3	51	45	og	or	om	0.0
	Holyhead	993.8	51	E	5	orm	991.9	-3	50	-3	E	5	SE	ogmq	5	4	52	47	op.c.bc	o.orm	r.cb.bc	0.3
	Pembroke (St. Ann's)	991.7	49	E	4	c	983.8	-4	49	-3	E	7	E	cpqu	6	8	53	47	cg	cpq	cpq	0.4
	Newquay	987.4	48	N	2	c	984.1	+4	45	-6	NE	3	NE	bc	3	3	52	42	op-up	op.o.c	bcp	0.5
	Scilly (St. Mary's)	985.2	50	E	7	cqu	983.6	+1	48	-4	NW	2	NW	cv	4	2	54	47	cg	cpq	cpq.bc	0.7
	Falmouth	987.1	49	ESE	6	o	984.1	+5	43	-7	SV	3	-	o	4	14	51	43	opq	opq	op.c.o	0.2
	Jersey (St. Aubin)	989.5	51	ESE	5	ogu	990.2	*	53	+4	SSE	6	S	orq	5	20	53	46	og	ogu	orq	0.0
Portland Bill	990.6	53	SE	6	cu	989.7	+5	55	+4	SSE	6	SE	cg	6	8	55	48	c.bc	c	crq	*	
Dungeness	995.6	50	SE	4	bc	996.1	+1	50	-1	SE	6	S	c	6	-	53	50	c.bc	bc	bc.o.c	*	
Dover	997.2	49	SE	4	bc	997.6	+3	48	-1	SE	5	SE	c	5	-	50	46	r.c.bc	bc	c	0.4	
Wick	1007.3	49	SE	4	m	1005.8	0	49	0	SE	5	-	m	6	1	49	45	omd	omd	ompdq	*	
Nairn	1004.1	47	E	2	og	1003.5	*	47	0	E	2	-	o	2	0.2	51	45	u.o	e.c.o	p.c	0.0	
Aberdeen	1004.8	49	ESE	6	orq	1004.2	+1	48	-1	ESE	6	-	ompa	6	4	50	48	orq	orq	orq	0.0	
Leith	1000.8	49	ENE	2	r	1000.3	+1	50	0	ENE	2	-	o	2	51	48	od.o	opd	od.	*		
Tynemouth	999.3	50	SE	5	ormq	999.6	0	51	+1	SE	5	SE	c	5	5	50	48	ormq	ormq	omp	0.0	
Spurn Head	997.7	50	E	5	o	997.9	0	52	+2	ESE	6	-	cg	6	3	53	48	or	op	op.c	0.0	
Yarmouth	998.7	52	SE	4	o	998.8	-1	52	+2	SE	5	SE	c	7	0.3	53	44	o	od	c	0.0	
Clacton-on-Sea	996.7	51	SE	4	c	996.8	0	51	-1	SSE	5	S	c	4	-	53	51	og.c	c	c.bc.c	0.0	
Nottingham	996.2	49	E	3	r	996.0	*	48	0	E	4	E	c	*	2	50	43	odm	or	r.o.bc	0.0	
Bath	992.9	49	E	4	o	991.9	*	51	+1	SE	3	SE	r	*	11	54	45	r.o	gp	orq	0.5	
London (Kew Obsy.)	995.2	49	ESE	3	b	995.1	+3	50	-1	ESE	3	-	o	*	0.1	53	45	om	om.c.bc.b	b.bc.c	0.4	
ICELAND, FAEROE, &c.	Spitsbergen	1000.7	34	SW	6	o	1001.7	0	25	-11	-	0	*	c	*	-	36	25	GALES.  Duration and Extreme Force in British Islands.			
	Isafjord...												*	*	*	*	*					
	Reykjavik												*	*	*	*	*					
	Vestmanna												*	*	*	*	*					
	Seydisfjord												*	*	*	*	*					
Thorshavn												*	*	*	*	*						
NORTHERN EUROPE.	Vardö	1022.7	30	SW	2	b	1019.8	-2	28	-9	SW	6	-	b	3	*	37	28	Jersey.  10pm - between Middt 7am. 50.3			
	Bodö	1020.7	32	E	2	b	1019.4	-2	28	-6	E	4	-	b	2	-	37	28				
	Christiansund	1017.7	39	SE	1	b	1016.7	+1	36	-1	-	0	-	b	2	-	45	34				
	Skudesnaes	1015.4	45	SE	2	b	1013.0	0	46	+1	ESE	5	-	c	2	-	46	41				
	Færder (Xiania Fjord)	1023.5	39	ENE	5	c	1023.3	+2	39	0	NE	6	-	c	2	-	41	37				
	The Scaw (Skagen)	1018.7	41	E	6	bc	1018.7	+1	39	0	E	6	-	bc	5	-	43	39	Portland Bill  10pm - 6a.m. SE 8 at. Midt			
	Blaavands Huk	1003.0	43	ESE	8	r	1003.0	+1	41	-2	ESE	6	-	o	4	Trace	43	39				
	Haparanda	1021.6	34	SW	2	o	1027.3	0	36	+13	SW	2	-	o	*	-	37	25				
	Hernösand	1029.0	32	-	0	o	1028.7	-1	32	+4	S	2	-	o	*	-	32	27				
	Stockholm	1028.3	37	ESE	2	o	1028.2	0	36	0	SSE	2	-	o	*	-	39	34				
Wisby	1026.4	36	ENE	2	o	1026.6	0	36	0	ENE	2	-	o	*	-	37	32	Aberdeen.  6pm. Squalls. ESE 18mps. (8)				
Karlstad	1025.7	37	ENE	2	o	1025.7	0	36	-1	E	4	-	o	*	-	39	34					
St. Petersburg	1028.6	28	N	1	o	1029.9	+1	30	+3	N	1	-	o	*	-	41	27					
The Helder	1000.7	43	E	4	o	1002.9	+1	46	+3	ESE	2	-	o	1	-	46	43					
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				*	
FRANCE, &c.	C. Gris Nez	996.6	45	E	4	b	996.7	+2	44	-2	SE	4	*	bc	2	-	52	43	Paris.  4pm. - ESE 20mps (8)			
	La Hève	993.5	48	SE	3	o	994.7	*	48	+3	SE	3	*	bc	2	-	63	43				
	Ushant	986.0	52	SW	5	c	986.3	*	53	0	SW	3	*	o	3	8	52	46				
	Brest (St. Mathieu)	983.7	46	W	4	o	986.4	+3	52	+4	W	3	*	m	3	8	55	45				
	Rochefort (Ile d'Als)	990.7	54	NW	3	bc	991.9	-1	46	+2	SE	5	*	c	*	3	55	45				
	Biarritz	995.5	54	SSW	2	o	992.4	0	54	-1	SW	3	*	c	2	-	57	52	Belfort.  4pm. - ESE 20mps (8)			
	Paris	995.5	50	SE	2	o	998.1	+2	46	+5	ESE	2	S	b	*	Trace	55	41				
	Belfort	1003.3	43	ENE	3	c	1003.3	*	42	0	ENE	3	*	bc	*	4	48	41				
	Lyons	1000.2	51	SSW	2	b	1001.0	*	42	0	NE	1	*	b	*	-	56	39				
	Nice	1004.0	50	-	0	c	1003.7	+2	48	0	-	0	*	c	4	-	59	45				
Perpignan	999.3	48	SE	1	b	995.5	0	37	-4	SW	1	SW	b	*	-	59	36	Corunna (7 a.m.) Madrid (8 a.m.)				
Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
Corunna (7 a.m.)																						
SOUTHERN EUROPE.	Madrid (8 a.m.)																					
	Lisbon (9 a.m.)	1002.0	61	WSW	3	o	1003.8	0	54	0	WNW	2	-	bc	*	3	64	54	Azores (Horta, 8 a.m.) Madeira (Funchal)			
	Gibraltar																					
Rome	999.3	68	SE	2	o	1007.7	*	59	-7	W	1	*	o	*	2	70	59					
Azores (Horta, 8 a.m.)	1020.6	*	NNE	4	c	1020.3	0	59	0	-	0	-	o	2	1	68	57					
Madeira (Funchal)	1015.7	72	NE	2	o	1011.0	0	69	+1	NE	2	-	r	2	Trace	72	66					

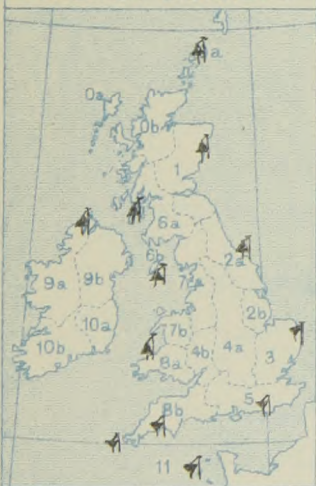




### PILOT BALLOON ASCENTS for the PAST WEEK.

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

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

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

Signals hoisted yesterday. Signals hoisted this morning.

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

North Cone hoisted at 9.20 a.m.

South Cone hoisted at 9.30 a.m.

Western Channel and Bay

#### FURTHER OUTLOOK.

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

W. N. SHAW, Director

0	a	Station Date & Hour.		Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.									
b	South Farnboro'			Eskdalemuir.		Eskdalemuir.		South Farnboro'		South Farnboro'		S. Kensington.		South Farnboro'										
1		26h	7h	26h	13h.	27h	7h	27h	10h.	28h	11h.	28h	15h.	31st.	10h.									
2	a	Heights in Kilometres.																						
b																								
3	6																+11	+10						
4	5																+5	+6		+7	+1			
a	4																+8	+2		+7	+4			
b	3																+7	0	+19	+4	+6	+5		
5	2															+13	-7		+8	-2	+16	-2	+7	+4
6	a	1	+10	-11	+8	-1	+10	-2	+15	-4	+6	+1	+1	+4	-6	+6								
b	0.5	+14	-8	+3	-1	+5	-2	+11	-3	+6	+2	+1	+3	-6	+4									
7	a	0	+5	+1	+4	-3	0	0	+5	-1	+3	0	+1	+2	-3	+1								
8	a	Station Date & Hour.																						
b																								
9	a	Heights in Kilometres.																						
b																								
10	a																							
b																								
11	a																							
b																								
K.																								
intendent, Forecast Division				W. N. SHAW, Director																				

Millibars  
1050—

1040

1030

1020

1010

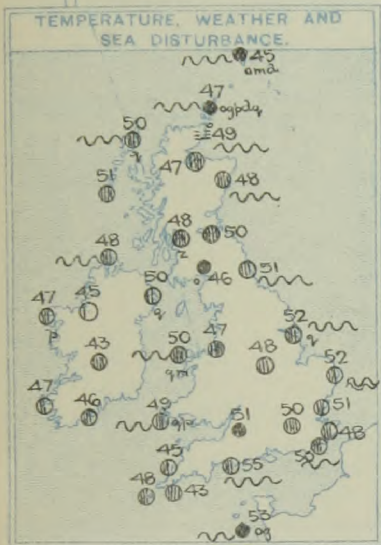
1000

990

980

970





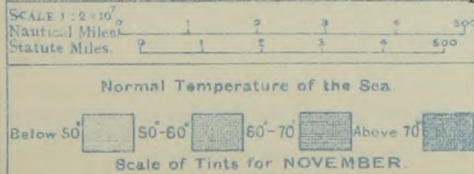
Inches.

31

30

30

29



EXPLANATION.

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

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

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

WEATHER.—Shown by the following symbols :—  
○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded.  
⊙ sky ¾ clouded. ⊙ overcast sky. ⊙ rain falling.  
⊙ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
⊙, thunderstorm.

SEA DISTURBANCE.—Rough ~~~~ High ~~~~



## DAILY WEATHER REPORT.

Sunday, 1st November, 1914.

REPORTS  
FOR  
YESTERDAY.

31st October

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall, Millimetres.		TEMP	
	BAROM. Millibars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.					
			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	°F								°F	°F	
The Skaw (Skagen)	1022.7	43	ESE	6	0	1020.0	-2	39	-2	E	6	-	0	4	-	43	37		
Blaavands Huk	1012.0	43	E	7	0	1010.1	0	43	+2	ESE	7	-	0	5	Trace	43	39		
Petrograd	1029.6	30	NNW	1	0	1028.8	0	27	0	NW	1	-	0	3	-	36	27		
Lisbon	1007.5	55	NW	3	0	1004.4	0	54	-4	W	4	-	0	6	2	59	52		
Rome	1006.9	64	SE	1	0	1004.0	+2	66	+7	SE	4	-	0	0	-	66	59		
Madeira (Funchal)	1015.8	70	N	3	0	1016.0	+1	68	+2	N	2	-	bc	2	-	73	64		

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

STATIONS.	Rainfall, mm.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m. Hr.	STATIONS.	Rainfall, mm.	STATIONS.	Rainfall, mm.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.						Max.	Min.	Forenoon.	Afternoon.	
		°F.	°F.								°F.	°F.			
Scotland.															
Oban ...	2	49	44	d	d	0.0	Tunbridge Wells ...	1	50	46	o	o.c.bm	0.0		
Banff ...							Margate ...	1	52	49	c	c	0.2		
Carnoustie ...				*	*		Ramsgate ...	2	53	50	o	c	0.0		
St. Andrews ...				*	*		Folkestone ...	1	51	45	c.o	c.o	0.0		
England, N.E.							Littlestone ...			*	*	*			
Harrogate ...	7	48	45	or	or	0.0	Hastings ...	1	54	49	op.o	o.c	0.5		
Scarborough ...	*						Bexhill-on-Sea ...	1	54	50	bc	c	0.3		
Skegness ...	2	52	48	d.o	or	0.0	Eastbourne ...	1	53	50	o	o.bc	0.1		
England, N.W.							Seaford ...	1	50	47	o	c	0.4		
Douglas (I. of M.) ...		52	50	o	o	0.0	Brighton ...	1	53	50	o	og.o.c	0.9		
Morecambe ...		51	45	o	o	0.0	Worthing ...		53	49	bc	bc.c	0.6		
Blackpool ...		50	48	o	or	0.0	Littlehampton ...	1	*	*	*	*	0.0		
Southport ...							Bognor ...	2	52	49	o	opu	0.5		
Midlands.							Southsea ...								
Buxton ...	2	49	44	c.or	or	0.0	Bournemouth ...	3	53	48	r.o.c	or	2.1		
Leamington Spa ...		53	47	o	o	0.0	Weymouth ...	4	54	48	op	cpe	3.9		
Malvern ...							Exmouth ...								
Ross-on-Wye ...	4	51	47	r.o	o.c.o	0.2	Teignmouth to 9 p.m.	3	54	48	op.c	bc.cq	1.4		
Wales.							Torquay ...	3	55	48	o	c.o	1.3		
Rhyl ...		51	50	g	g	0.0	Paignton ...	5	54	48	op	bc	0.9		
Colwyn Bay ...							Plymouth to 9 p.m.	3	52	48	op	org	1.3		
Llandudno ...							Falmouth ...	7	51	48	ogp	ogp	0.2		
Bettws-y-Coed ...		53	49	o.c.o	om	0.0	Penzance ...	2	55	49	op	op	0.6		
Aberystwyth ...		52	48	o	o	0.1	Bude ...								
Tenby ...	4	52	48	r	cu	0.7	Ilfracombe ...	1	55	48	c.bc	bc.c	3.3		
Swansea ...	2	52	48	r	cu	0.7	Weston-super-Mare ...								
England, E.															
Cromer ...	1	51	48	o.c	o.cd	0.0									
Lowestoft ...															
Felixstowe ...		53	51	c	c	0.0									
Walton-on-Naze ...		52	50	ogu	o.eu.bc	0.0									
Southend-on-Sea ...	1	52	49	o	o.b.bc	0.5									

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.				
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.		
				Max.	Min.							
				24 HOURS ENDED 9 A.M. TO-DAY.								
				%	%	Hr.	° F.	° F.	° F.	mm.‡		
Greenwich (Royal Obs.) ...	76	88	0.4	63	44	39	—	o	o.c	bc		
City (Bunhill Row) ...	*	*	0.2	*	*	*	*	*	*	*		
Westminster (St. James's Pl.)	76	82	0.3	54	46	43	—	o.bc	bc	ome.o		
Camden Sq. (Brit. Rainfall)	75	84	0.4	54	45	41	—	o.c	o.c	*		
Hampstead (Reservoir) ...	*	85	0.0	52	41	34	--	c.o	c.o	o		
Richmond Park	*	*	0.1	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								
Kew. (See front page.)												
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.			Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)	70	84	0.2	276 Joules			7.9 Milliwatts.		2.9 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yesterday
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	0.3	53	50	47	c. op	ogr	ogr	*
Darwen to 9 p.m.	3	49	46	45	oru	ou	our	0.0
Manchester "	2	51	49	*	op	o	op	0.0
Birmingham "	1	50	46	45	o	o	o	0.0
Oxford to 8 p.m.	*	53	46	40	or. o	c. c	c. o.	*
S. Kensington (Museum Grounds to 6 p.m.)	0.4	62	50	48	od. o	op. o	o. bc	*

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

1st & 2nd November, 1914.	Sunrise, Noon, Sunset.		
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.50	11.37	4.24
Greenwich ...	6.52	11.37	4.22
Wick ...	6.55	11.44	4.33
Valencia ...	6.57	11.44	4.31
	7.30	11.56	4.22
	7.32	11.56	4.20
	7.37	12.25	5.13
	7.39	12.25	5.11

Except in the extreme west of Ireland temperature did not exceed 55°. Dull cool weather, mostly showery or rainy, prevailed over the greater part of the British Isles, and only very small amounts of bright sunshine were 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.

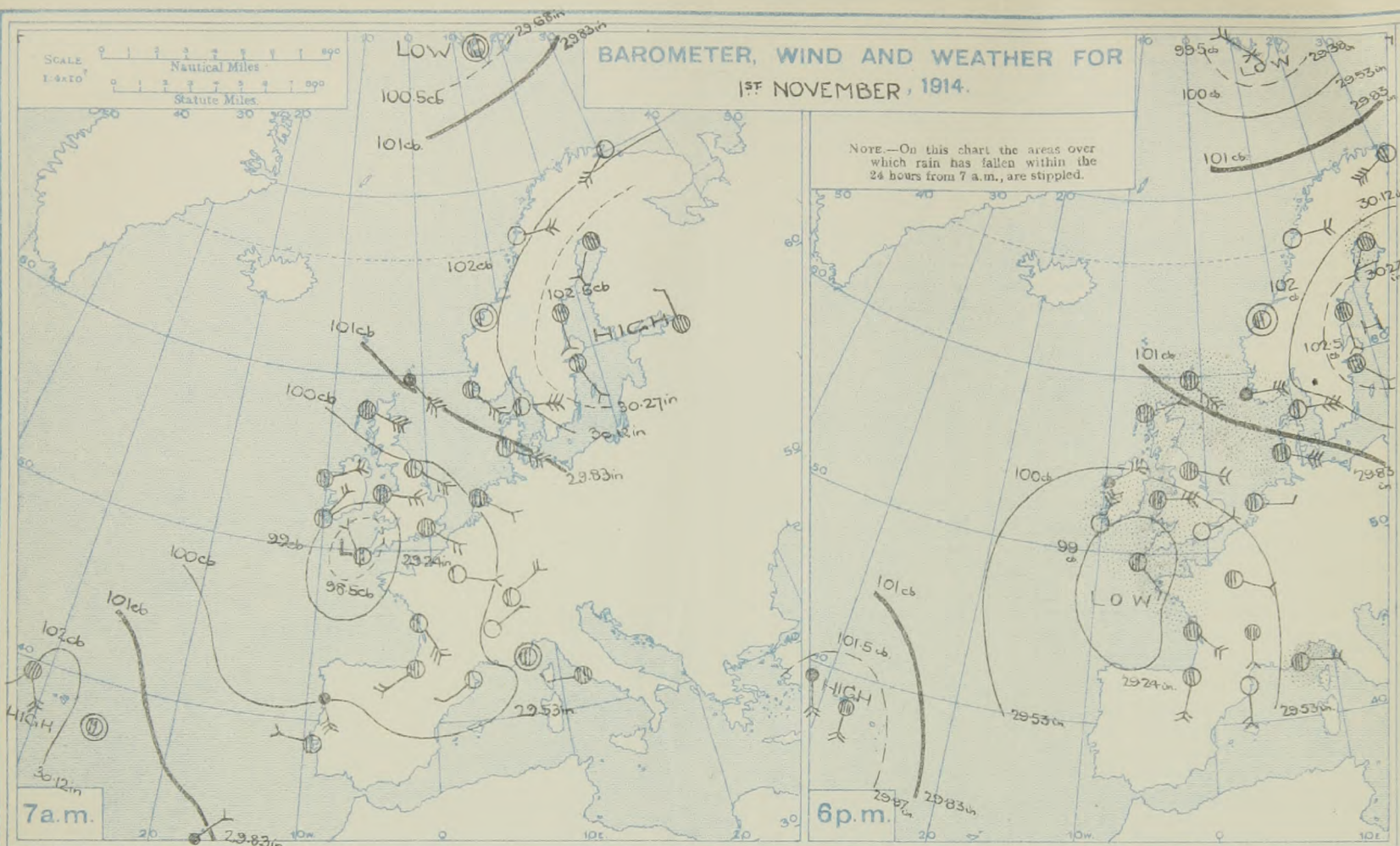
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Monday,  
12nd November 1914.

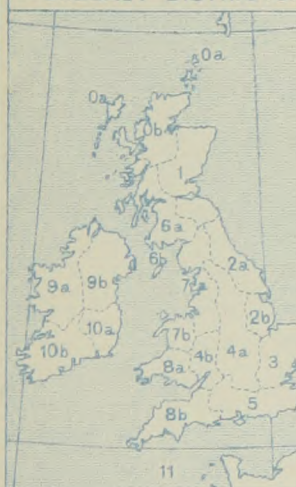
\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





**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.

**No Warnings  
Issued.**

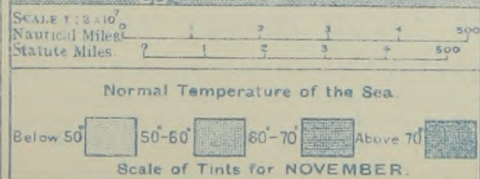
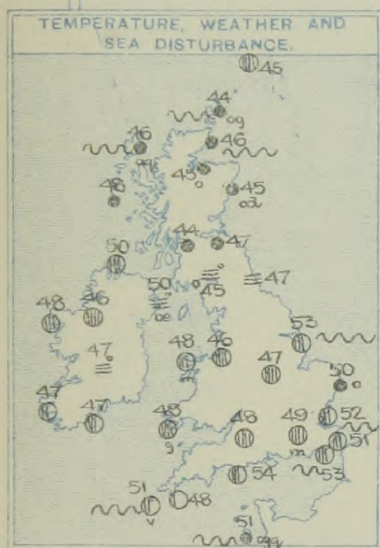
Western Channel and Bay 11

- |    |            |  |
|----|------------|--|
| 0  | a }<br>b } | Easterly winds, strong to moderate; dull and rainy, then improving gradually; moderate to rather low temperature.                                |
| 1  | a }<br>b } | Easterly winds, moderate or light; dull and rainy, then improving gradually; moderate to rather low temperature.                                 |
| 2  | a }<br>b } | Wind between East and South-East, light or moderate, fresh locally at times; much cloud, some rain and mist; moderate to rather low temperature. |
| 3  | a }<br>b } |  |
| 4  | a }<br>b } |  |
| 5  | a }<br>b } | Same as No. 1.   |
| 6  | a }<br>b } |  |
| 7  | a }<br>b } |  |
| 8  | a }<br>b } | Same as Nos. 2 to 5.   |
| 9  | a }<br>b } |  |
| 10 | a }<br>b } |  |
| 11 | a }<br>b } | Wind light or moderate, between North and North-East; cloudy or overcast generally, some rain; moderate temperature.                             |
|    |            | Wind mainly Easterly, light to fresh; cloudy or dull, some rain.   |

**FURTHER OUTLOOK.**



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



EXPLANATION.

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

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

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

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

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

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

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

SEA DISTURBANCE.—Rough  High .



## DAILY WEATHER REPORT.

Monday, 2nd November, 1914.

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		° F.	° F.						° F.	° F.			
Scotland.							Tunbridge Wells ...		57	44	c.c.bc	bc.bc	4.8
Banff ...	0.3	50	47	d.o	od	0.0	Margate ...		57	47	bc	bc	6.4
Carnoustie ...							Ramsgate ...		55	47	bc	bc	6.9
St. Andrews ...							Folkestone ...		59	48	bc.b	bc.b.o	5.0
Eng. N.E.							Littlestone ...						
Harrogate ...	4	52	43	c.bc	c.o	0.9	Hastings ...		58	50	c.bc.b	b.bc	6.4
Scarborough ...		54	48	c.c	c.c	0.0	Bexhill-on-Sea ...		57	51	bc	bc	6.4
Skegness ...		53	49	c.c	bc	0.5	Eastbourne ...		57	52	o.b.bc	b.bc	5.9
Eng. N.W.							Seaford ...						
Douglas (I. of M.) ...							Brighton ...		58	49	c.bc	bc.c	4.4
Morecambe ...							Worthing ...	0.3	59	51	bc	bc	4.0
Blackpool ...	3	54	44	c	c	5.5	Littlehampton ...	2.2					3.5
Southport ...	3	55	42	c.bc.o	c.b	4.0	Bognor ...	2	56	50	c.bc	bc.b	4.4
Midlands.							Southsea ...		58	50	c	bc	4.0
Buxton ...							Bournemouth ...	13	57	48	c	bc	3.9
Leamington Spa ...		54	43	bc	bc								
Malvern ...	1	53	43	bc	bc	5.2							
Ross-on-Wye ...	4	54	45	rg.op	c.c	0.2							
Wales.							Weymouth ...	10	56	48	or	c.bc	2.6
Rhyl ...	1	53	45	g	g.c.bc	0.2	Exmouth ...						
Colwyn Bay ...	2	52	45	c.bc	bc	0.0	Teignmouth to 9 p.m.	21	56	48	rgp.o	c.c.bc	0.8
Llandudno ...	1	52	47	c	c	0.2	Torquay ...	19	56	47	c	c.c.bc	0.3
Bettws-y-Coed ...							Paignton ...						
Aberystwyth ...	2	56	49	c.o.c	c.b.o	1.5	Plymouth ...						
Tenby ...							Falmouth ...	16	54	42	cp	or	1.1
Swansea ...	11	53	48	r	r.b	0.7	Penzance ...						
England.							Bude ...						
Cromer ...		54	48	c.c	c.c.bc	0.0	Ilfracombe ...	11	56	48	or.c.c	c.bc.c	1.0
Lowestoft ...		54	50	c.c	c.bc.b	0.8	Weston-super-Mare ...	5	56	45	c.c.bc	b.bc	1.2
Felixstowe ...		56	51	bc	bc	3.8							
Walton-on-Naze ...		54	50	c.c.b	b	3.8							
Southend-on-Sea ...		57	48	b.ab	b	6.5							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obs.) ...	67	90	3.8	59	47	37	0.3	bc	bc	bc.o.or
City (Bunhill Row) ...	*	*	1.8	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	62	95	2.7	59	49	42	0.3	bc	bc	bc.o.or
Camden Sq. (Brit. Rainfall)	-	89	0.9	57	46	40	1	-	-	*
Hampstead (Reservoir) ...	*	93	0.1	55	42	35	1	c.o	c	o.or.o
Richmond Park ...	*	*	3.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)				359 Joules		10.3 Milli-watts.		29 Milli-watts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	mm §	° F.	° F.	° F.				Hr.
Darwen to 9 p.m.	16	53	47	46	grg	ggg	gg	*
Manchester "				*				
Birmingham "					*			
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	-	58	47	42	bc.o	c.c.bc	bc	*

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

2nd and 3rd Nov., 1914.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.52	11.37	4.22
Greenwich ...	6.54	11.37	4.20
Wick ...	6.57	11.44	4.21
Valencia ...	7.32	11.56	4.20
	7.25	11.56	4.17
	7.39	12.25	5.11
	7.41	12.25	5.9

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 55° in several parts of the Kingdom, and remained rather high for the time of year during the night. Bright sunshine varied considerably. In some localities in the north and north-west there was none. Rain fell in nearly all parts of the country, the amount being rather large in Scotland and the south-west of England.

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

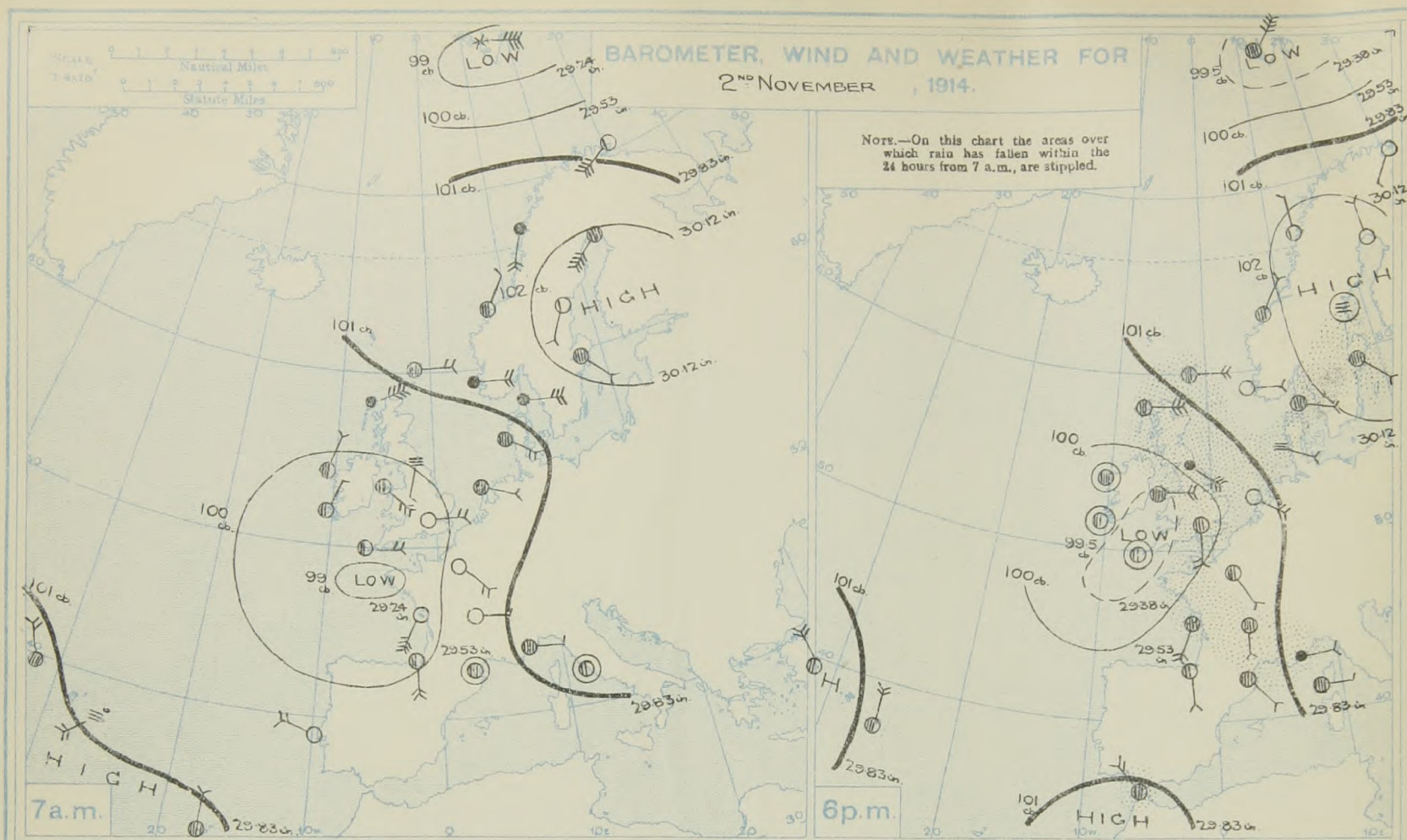
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Tuesday,  
3rd November, 1914.

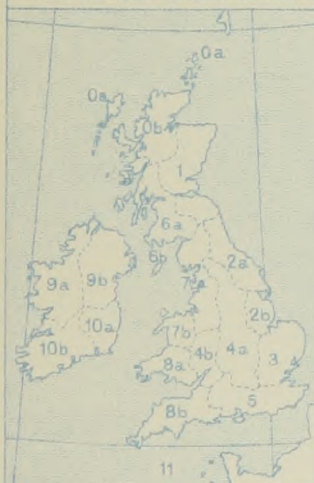
\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

Signals hoisted yesterday.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

**No Warnings Issued.**

Western Channel and Bay

- |  |  |
|--|--|
| 0 {<br>a<br>b<br>1 {<br>a<br>b<br>2 {<br>a<br>b<br>3 {<br>a<br>b<br>4 {<br>a<br>b<br>5 {<br>a<br>b<br>6 {<br>a<br>b<br>7 {<br>a<br>b<br>8 {<br>a<br>b<br>9 {<br>a<br>b<br>10 {<br>a<br>b<br>11 {<br>a<br>b | <p>Wind between South-East and East, moderate to strong; much cloud, rainy or showery, moderately mild</p> <p>South-Easterly or Southerly winds, moderate to fresh or strong; mostly cloudy or dull, occasional showers; moderate or rather mild temperature</p> <p>Wind mainly Southerly, light to moderate or fresh; mostly cloudy or dull, occasional showers; moderate or rather mild temperature</p> <p>Same as Nos. 0 and 1.</p> <p>Wind light or moderate, mainly Southerly; cloudy or dull generally, occasional rain; rather mild</p> <p>Wind light or moderate, mainly between South and South-West; variable weather, some rain and mist; moderate temperature</p> <p>Wind light or moderate, mainly Southerly; sea slight; some showers, local mist.</p> |
|--|--|

**FURTHER OUTLOOK.**

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

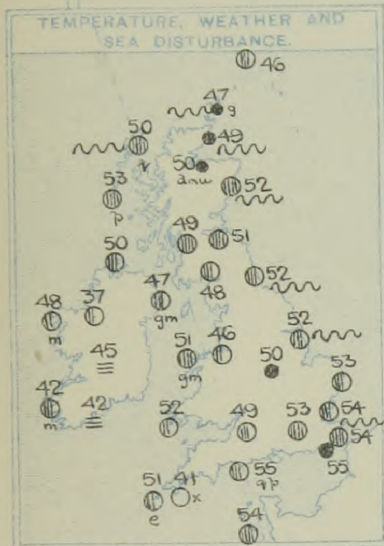
W. N. SHAW, Director

Millib. Inche  
1050  
1040  
1030  
1020  
1010  
1000  
990  
980  
970



# GENERAL INFERENCE.

The barometric changes in progress seem to indicate that the depression in the north-east of Ireland will move northward or north-westward

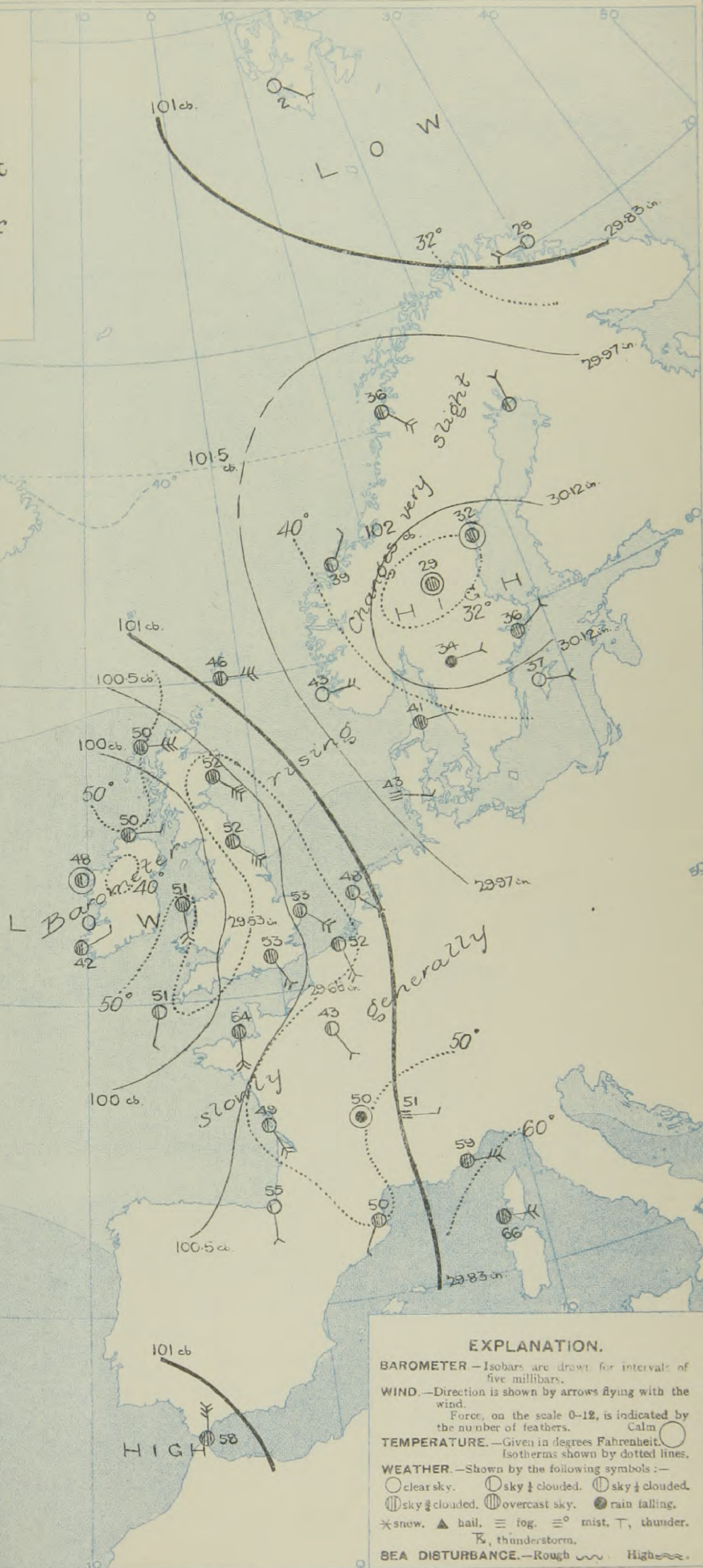
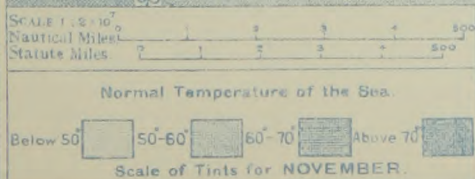


Inches.

31

30

29



## EXPLANATION.

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

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

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

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

- clear sky.
- sky 1/4 clouded.
- sky 1/2 clouded.
- sky 3/4 clouded.
- overcast sky.
- rain falling.
- snow.
- hail.
- fog.
- mist.
- thunder.
- thunderstorm.

**SEA DISTURBANCE**—Rough High



## DAILY WEATHER REPORT.

Tuesday, 3rd November, 1914.

REPORTS  
FOR  
YESTERDAY,

2nd November.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.												Rain-fall.		Temp.	
	Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.					
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.				
		°F					↑	°F	°F							°F	°F				
Lisbon	1003.4	55	WSW	4	bc	1004.0	+2	55	+1	WNW	3	SE	b	6	Trace	63	54				
Rome	1008.0	59	NW	1	b	1011.5	+2	50	-9	NW	1	-	bc	#	-	66	50				
Horta	1014.3	63	SSW	4	r	1009.0	-2	65	+6	NW	1	-	o	4	12	65	59				

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
		mm. &	° F.	° F.			Hr.			mm. &	° F.	° F.			Hr.	
Scotland.	{ Oban ... ..							{ Tunbridge Wells ... ..								
	{ Banff ... ..	0.3	51	45	c	cp	0.8		{ Margate ... ..	4	56	48	or	bcp. bc	0.9	
	{ Carnoustie ... ..				*	*			{ Ramsgate ... ..	1	59	47			1.3	
	{ St. Andrews ... ..	10	53	45	*	*	0.4		{ Folkestone ... ..	3	58	50	o	c	2.0	
Engl. N.E.	{ Harrogate ... ..	10	49	43	mr.or	c.or.o	0.0	{ Hastings ... ..								
	{ Scarborough ... ..		54	49	or	or	0.0		{ Bexhill-on-Sea ... ..	2	58	47	or.o	o	0.6	
	{ Skegness ... ..	5	54	48	r.o	d.ad	1.2		{ Littlestone ... ..	*	*	*	*	*		
	{ ... ..								{ Hastings ... ..	3	58	51	or.c	o.bc	1.6	
Engl. N.W.	{ Douglas (I. of M.) ... ..							{ Bexhill-on-Sea ... ..	3	57	51	r.o.bc	c	1.3		
	{ Morecambe ... ..	-	52	45	bc	bc.o	0.2		{ Eastbourne ... ..	3	57	51	r.o.bc	c	1.0	
	{ Blackpool ... ..	2	55	42	hp.c	c.or	1.2		{ Seaford ... ..	5	58	51	o.bc	d.bc	1.0	
	{ Southport ... ..	1	54	42	cp.bc	c.or	0.6		{ Seaford ... ..	4	54	50	c.b	c.b	1.4	
Midlands.	{ Buxton ... ..	4	47	41	bm.or	cmr	0.1	{ Brighton ... ..	6	58	52	or.o.c	c.o.c	0.7		
	{ Leamington Spa ... ..	6	51	43	bc.om	m	7.5		{ Worthing ... ..	5	58	51	r.bc	c.r.c	0.6	
	{ Malvern ... ..								{ Littlehampton ... ..	3	*	*	*	*	0.6	
	{ Ross-on-Wye ... ..								{ Bognor ... ..	2	57	51	o	c	0.7	
Wales.	{ Rhyl ... ..	1	52	40			0.5	{ Southsea ... ..	2	56	51	o	o	0.3		
	{ Colwyn Bay ... ..	1	51	40	c	or	0.2		{ Bournemouth ... ..	2	56	51	o	o	0.3	
	{ Llandudno ... ..	1	52	44	o	or	0.0		{ Bournemouth ... ..	11	54	48	or	c.or	0.4	
	{ Bettws-y-Coed ... ..								{ Weymouth ... ..	12	55	49	or	op.c.o	0.1	
England, E.	{ Aberystwyth ... ..	2	53	47	o.c	or	1.0	{ Exmouth ... ..	3	52	46	d.cp	c.op	1.5		
	{ Tenby ... ..	2	55	49	bc	bc.o	3.5		{ Teignmouth to 9 p.m. ... ..	13	56	49	con.op	op.c	0.2	
	{ Swansea ... ..	2	52	48	bc.r	r	0.7		{ Torquay ... ..	12	53	49	o	p.c.bc	0.6	
	{ Cromer ... ..	4	55	48	bc.o.cp	c	1.4		{ Paignton ... ..	15	54	49	cp	bm	0.8	
England, E.	{ Lowestoft ... ..	6	56	49	c.o.p	c	2.0	{ Plymouth ... ..								
	{ Felixstowe ... ..	5	56	52	bc.p	c	1.5		{ Falmouth ... ..	2	57	48	b	bc	6.0	
	{ Walton-on-Naze ... ..	6	56	49	bc.c.o.c	o.cu.bc	0.9		{ Penzance ... ..	2	57	48	bc	bc	6.5	
	{ Southend-on-Sea ... ..	1	57	49	or.b	b.or	1.5		{ Bude ... ..							
England, E.	{ ... ..							{ Ilfracombe ... ..	0.3	53	50	c.bc.c	o	1.9		
	{ ... ..								{ Weston-super-Mare ... ..	14	51	46	r	r.c	0.2	

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Fore- noon. After- noon. Night.					
24 HOURS ENDED 9 A.M. TO-DAY.											
	%	%	Hr.	° F.	° F.	° F.	mm. §				
Greenwich (Royal Obs.) ...	76	85	0.1	56	50	43	3	o	op	c.bc.o	
City (Banhill Row) ...	*	*	0.0	*	*	*	*	*	*	*	
Westminster (St. James's Pl.)	72	97	0.0	57	51	45	9	b	or	c.o	
Camden Sq. (Brit. Rainfall)	73	100	0.0	56	50	46	7	mr.or	o	*	
Hampstead (Reservoir) ...	*	94	0.0	54	44	40	3	or	o.o.o	c.or	
Richmond Park ...	*	*		VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.			
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				163 Joules		4.7 Milliwatts.		20 Milliwatts.			
S. Kensington (Roof of M.O.)	72	92	0.1								

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
24 HOURS ENDED 9 A.M. TO-DAY.								
	mm. §	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	0.3	54	46	44	a.b	c.b	bc	*
Darwen to 9 p.m.	3	52	41	34	c.o.g	g.bc	bc.or	1.1
Manchester "	2	54	47	*	bc	bc.or	op	0.7
Birmingham "	8	50	44	39	o	o.op	r.o	0.1
Oxford to 8 p.m.	*	53	43	37	bm.c.bm	c.o.g	o.g.o.or	*
S. Kensington (Museum Grounds to 6 p.m.)	1	56	50	42	bc.op.o	c.o.m	o.op.bc	*

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 55° or above in many parts of the United Kingdom, and the night was again mild for the time of year. Rain fell very generally - rather heavily in several districts. In the south-west of England the day was mostly bright, but over the country as a whole the sunshine records were very low.

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.

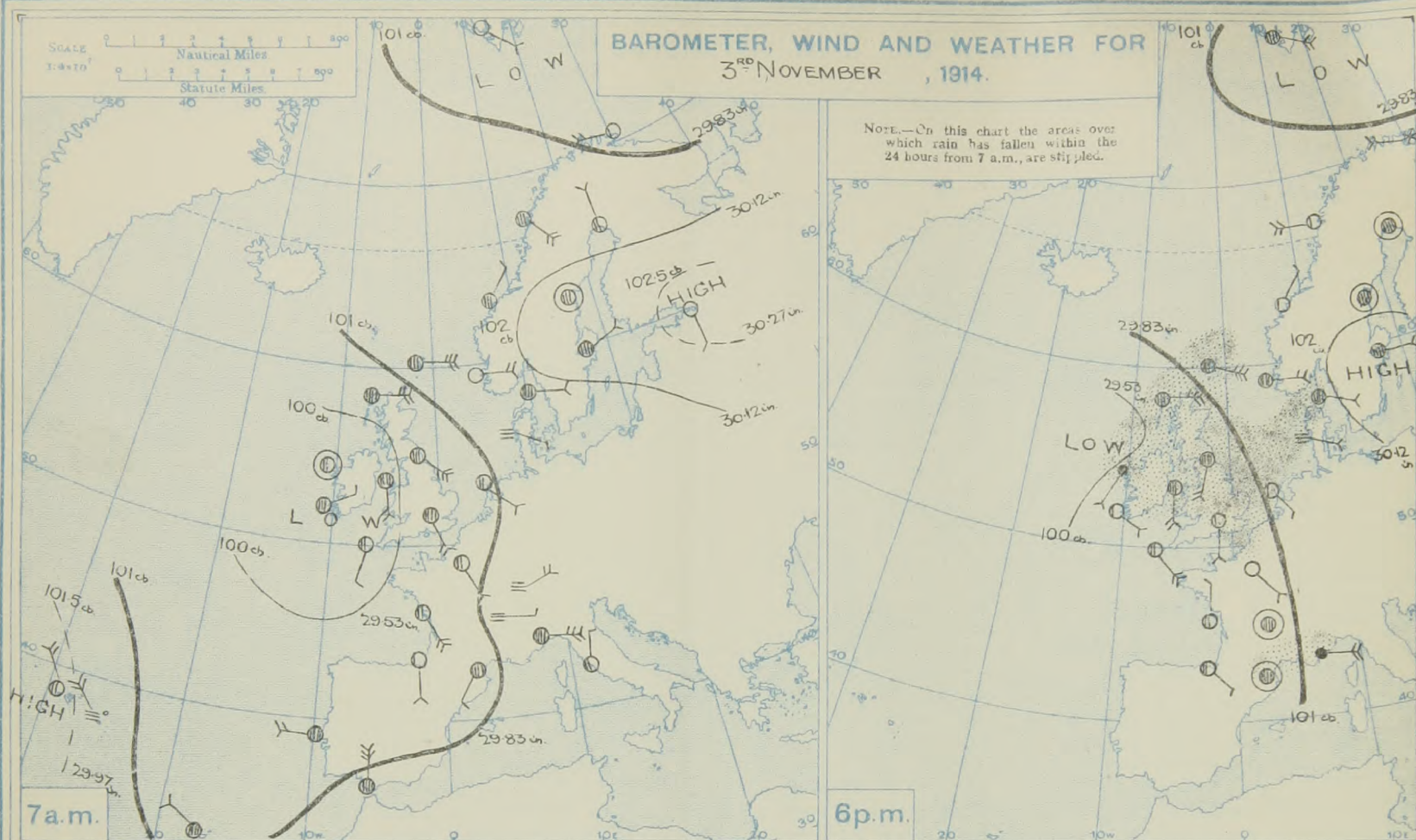
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Wednesday,  
4th November, 1914.

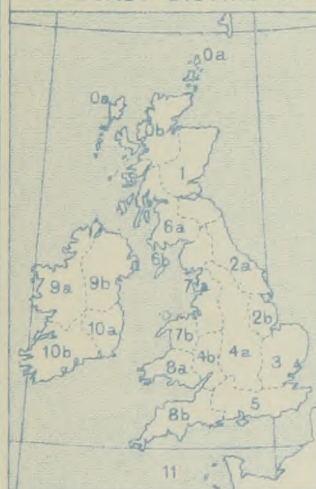
\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





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.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

No Warnings Issued.

Western Channel and Bay 11

0 { a } Wind mainly between South-East and East, light;  
b } mostly cloudy, mist or fog locally, fairer at times;  
1 } moderate temperature.

2 { a } Light winds, mainly Easterly; a good deal of mist  
b } or fog, otherwise fair; temperature about normal.  
3 }  
4 { a }  
b }  
5 }

6 { a } Same as Nos. 0 and 1.  
b }

7 { a }  
b } Wind light, mainly between South and South-East,  
8 { fair generally, mist at times; moderate temperature.  
9 { a }  
b }

10 { a } Light or moderate Easterly winds; sea slight;  
b } fair generally  
11 }

FURTHER OUTLOOK.

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

W. N. SHAW, Director

Millib. Inches  
1050—31

1040

1030

1020

1010

1000

990

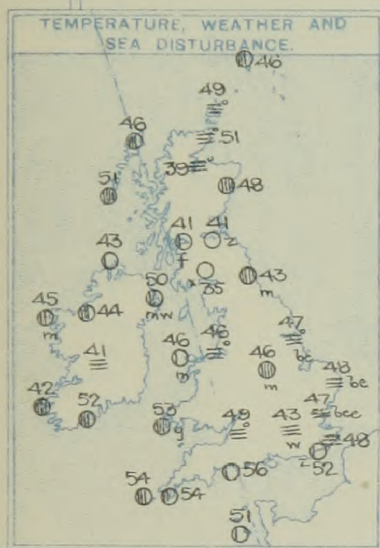
980

970



GENERAL INFERENCE.

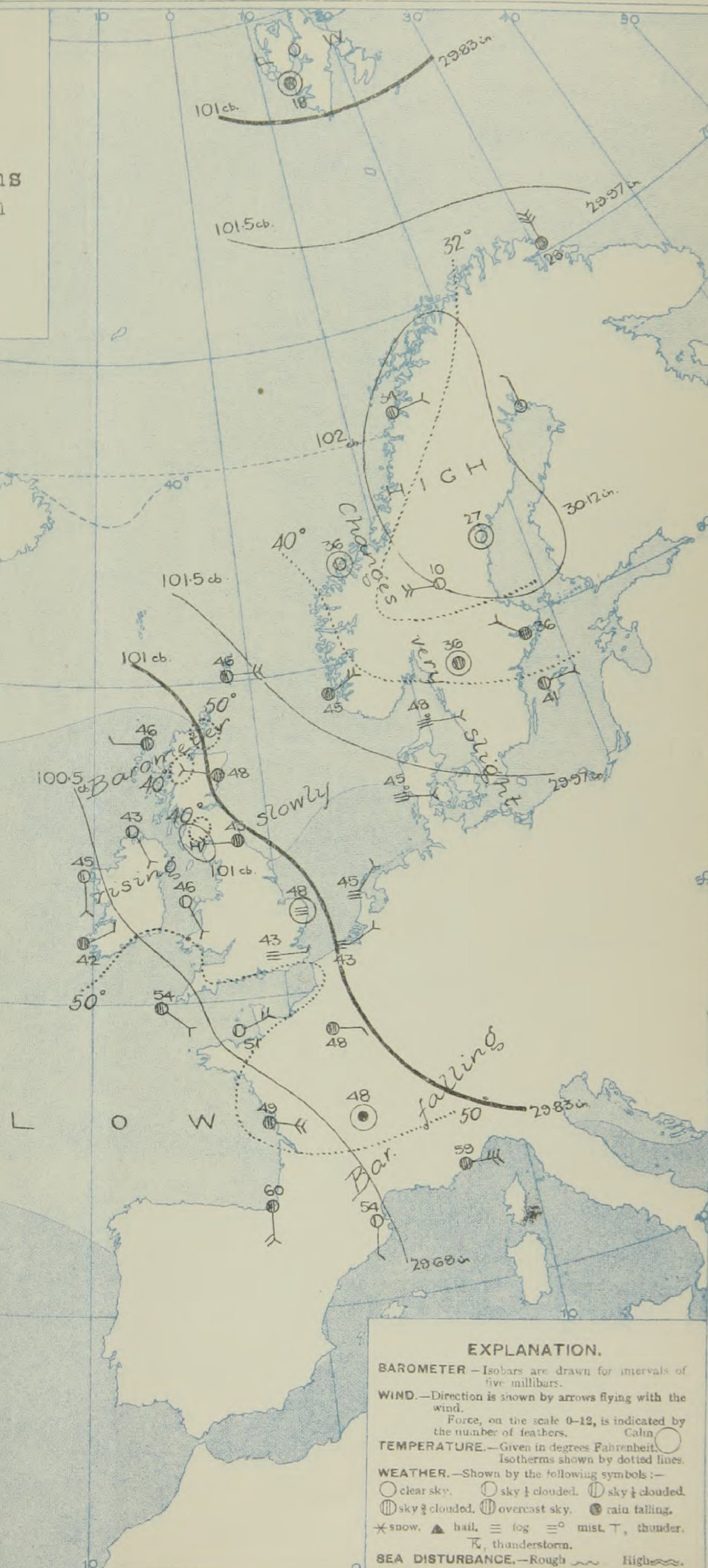
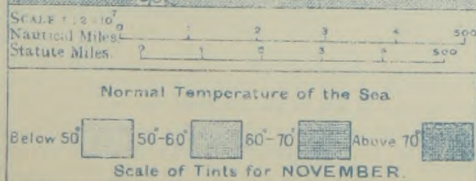
There are no indications of any important modification in the general distribution of barometric pressure.



Inches  
31

30

29



EXPLANATION.

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

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

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

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

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

**SEA DISTURBANCE**—Rough High.



## DAILY WEATHER REPORT.

Wednesday, 4th November, 1914.

REPORTS  
FOR  
YESTERDAY,

3rd November.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
		°F					†	°F								°F	°F	
Petrograd ...	1030.7	10	SE	1	b	1026.3	0	?		S	1	-	b	2	?	55	50	
Ushant ...	995.1	55	SW	3	o	999.4	*	54	*	SW	4	*	c	4	1	56	41	
Belfort ...	1010.7	46	ENE	2	o	1013.8	*	43	*	ENE	3	*	f	0	*	66	55	
Lisbon ...	1004.7	59	SW	2	bc	1006.3	-2	57	+2	W	3	-	o	*	*	66	54	
Rome ...	1016.3	63	N	1	o	1014.9	0	54	-4	N	1	-	bc	*	*	73	64	
Madeira (Funchal)	1012.2	68	WNW	2	b	1008.4	-2	68	+3	NW	2	-	o	3	17			

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.	
Scotland.	Oban ... ..						(Tunbridge Wells ... ..	—	58	51	c.bc	c.bc bm	1.6	
	Banff ... ..	14	53	49	gp	or	Margate ... ..	—	60	51	bc	bc	6.2	
	Carnoustie ... ..				*	*	Ramsgate ... ..	1	59	55	bc	b	6.1	
	St. Andrews ... ..				*	*	Folkestone ... ..	0.3	58	53	b.bc	bc	6.5	
Eng., N.E.	Harrogate ... ..	8	51	45	r.o.c	c.bc	0.0	Littlestone ... ..	*	*	*	*		
	Scarborough ... ..	*	54	48	o.c	o	0.0	Hastings ... ..	1	59	53	op.b	b.bc	5.5
	Skegness ... ..	—	56	50	od.o	c.b	2.5	Bexhill-on-Sea ... ..	1	58	53			1.6
								Eastbourne ... ..	0.3	58	54	b.bc	bc.bm	4.2
Eng., N.W.	Douglas (I. of M.) ... ..						Seaford ... ..							
	Morecambe ... ..	2	57	47	bc	b.bc	3.5	Brighton ... ..	0.3	58	51	c.bc	bc.c	4.7
	Blackpool ... ..	3	55	46	c	bc	6.0	Worthing ... ..	—	60	54	bc	bc.c	5.5
	Southport ... ..	1	52	46	c.bc	b	6.0	Littlehampton ... ..	1	57	49	c.bc.b	bc	5.0
Midlands.	Buxton ... ..	7	51	45	or	bc	1.7	Bognor ... ..	0.3	57	54	p.bc	bc.b	5.6
	Leamington Spa ... ..	15	58	48	bc	bc	5.5	Southsea ... ..						
	Malvern ... ..	4	58	48	bc	bc	4.1	Bournemouth ... ..	18	57	50	r.o.c	c.o	4.1
	Ross-on-Wye ... ..													
Wales.	Rhyl ... ..	1	57	44	bc.c	bc	6.6	Weymouth ... ..	17	61	51	bc.b	b.bc	6.1
	Colwyn Bay ... ..	1	57	46	bc	bc	7.0	Exmouth ... ..	36	58	46	bc	bc	7.4
	Llandudno ... ..	0.3	54	46	b	b	7.3	Teignmouth to q.p.m.	7	59	45	f.bc	bc	6.1
	Bettws-y-Coed ... ..							Torquay ... ..	7	60	47	bc	b.bc.c	5.9
England, E.	Aberystwyth ... ..	3	56	46	r.o.c	c.b	4.2	Paignton ... ..	7	61	44	b	bcm	6.3
	Tenby ... ..	3	57	40	bc	r.bc	4.1	Plymouth ... ..						
	Swansea ... ..	0.3	55	44	e	bc	6.1	Falmouth ... ..	—	58	41	bm	bc	6.7
								Penzance ... ..	0.3	60	44	bc	b	6.2
	Cromer ... ..	1	62	49	o.c.r.bc	b.bc	5.4	Bude ... ..						
	Lowestoft ... ..	—	59	51	c.bc	bc	5.2	Hfracombe ... ..	—	59	54	b	b	7.5
	Felixstowe ... ..	1	57	52	bc	bc	6.2	Weston-super-Mare ... ..	—	60	47	b	b	7.5
	Walton-on-Naze ... ..	—	57	51	bc.op	bc	5.9							
	Southend-on-Sea ... ..	—	61	51	b.bc.b	bc.b	5.5							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
				%	%					
Greenwich (Royal Obsy.) ...	73	100	5.7	60	41	29	—	r.o bc	bc	bc.f
City (Banhill Row) ...	*	*	2.2	*	*	*	*	*	*	*
Westminster (St. James's Pl.)	72	99	3.3	60	46	40	2	r.bc	bc	bc.f
Camden Sq. (Brit. Rainfall)	74	100	1.0	58	43	39	4	or.o	bc.c	*
Hampstead (Reservoir) ...	*	98	2.2	57	41	32	2	or.bc	bc	bc.f
Richmond Park ...	*	*	3.4							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.				Average Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)				368 Joules		10.8 Milliwatts.				
						35 Milliwatts.				

## Additional Observations for Yesterday.

STATIONS	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Mid.					
	mm. &	° F.	F.	F.				Hr.
Dublin to 4 p.m.	7	50	45	44	th.c.b	bc	b.op.g	*
Darwen to 9 p.m.	4	52	45	45	oru	or.c	bc	2.6
Manchester "	6.3	53	45	*	op	a	o.c.bcz	1.6
Birmingham "	5	55	48	45	r	o.c	c	2.8
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	7	58	52	44	bc.ev.or	or.c.bz	bc.bm	*

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

4th, 5th November, 1914.	Sunrise, Noon, Sunset.		
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.56	11.37	4.18
Greenwich ...	6.58	11.37	4.16
Wick ...	7.1	11.44	4.27
Valencia ...	7.3	11.44	4.23
	7.38	11.56	4.14
	7.40	11.56	4.12
	7.43	12.25	5.7
	7.45	12.25	5.5

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 60° over a considerable portion of Eastern and Southern England. Rain fell in most localities, but several hours of bright sunshine were recorded in nearly all parts of England and at some Irish stations. In Scotland there was little or none.

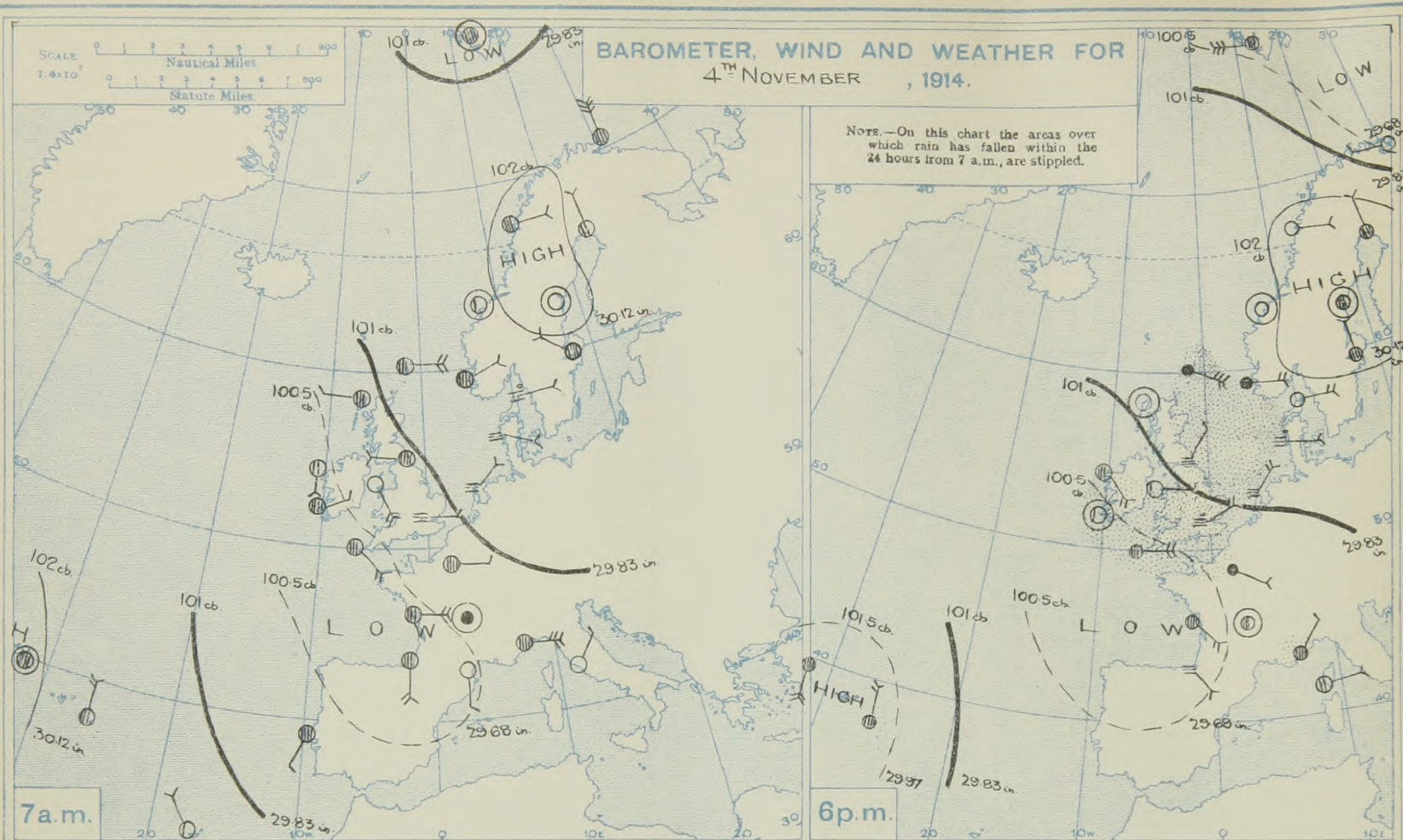
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain;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

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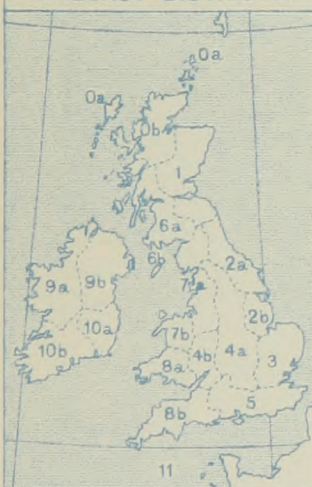
\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





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

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

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

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

No Warnings Issued.

Western Channel and Bay 11

- |               |  |
|---------------|--|
| 0 { a }<br>b  | Wind between South and East, light to fresh; cloudy or overcast generally, some rain and mist, fairer intervals; mild or moderate temperature.               |
| 1 { a }<br>b  |  |
| 2 { a }<br>b  | Wind mainly Easterly, moderate to strong; cloudy or overcast generally, some rain and mist, fairer intervals; mild or moderate temperature.                  |
| 3 { a }<br>b  |  |
| 4 { a }<br>b  | South-Easterly to Easterly winds, light to fresh; cloudy or overcast generally, some rain and mist, fairer intervals; mild or moderate temperature.          |
| 5 { a }<br>b  |  |
| 6 { a }<br>b  | Same as Nos. 0 and 1.  |
| 7 { a }<br>b  |  |
| 8 { a }<br>b  | Wind from some Easterly point, light to moderate or fresh; cloudy or overcast generally, some rain and mist, fairer intervals; mild or moderate temperature. |
| 9 { a }<br>b  |  |
| 10 { a }<br>b | Wind between South-East and North-East, light to fresh; sea slight or moderate; some rain and mist; rather mild  |

#### FURTHER OUTLOOK.

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

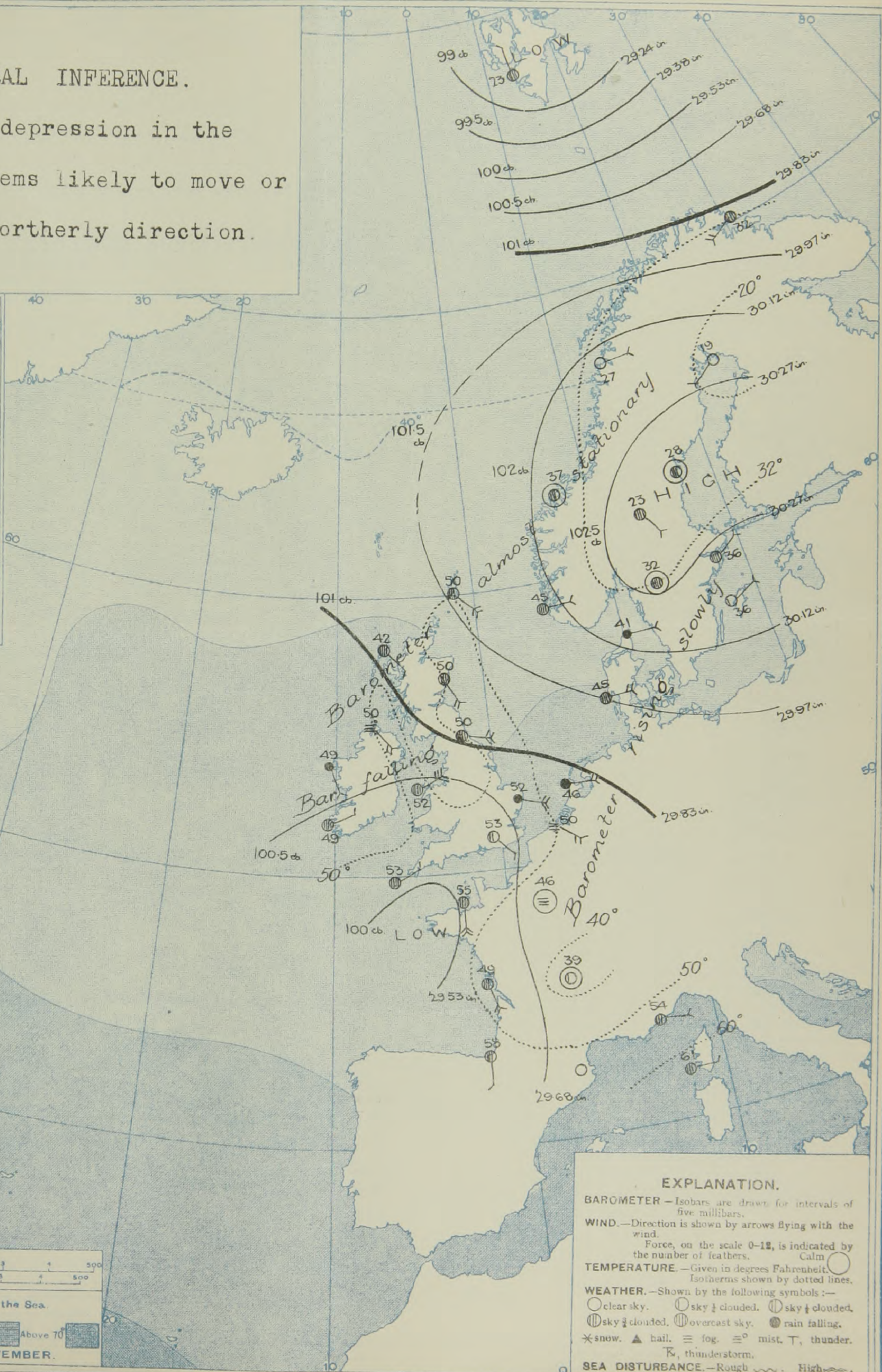
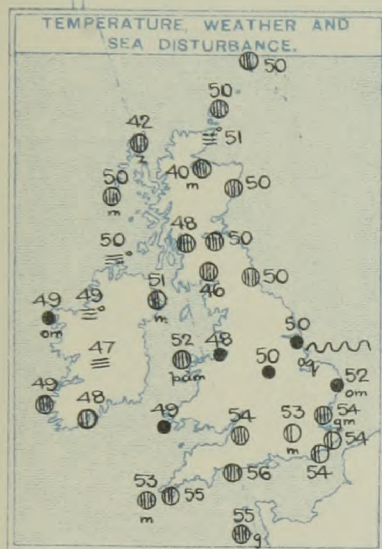
W. N. SHAW, Director

Miles  
Inches  
105  
31  
104  
103  
102  
30  
101  
100  
99  
98  
97



### GENERAL INFERENCE.

The depression in the south-west seems likely to move or extend in a northerly direction.



### EXPLANATION.

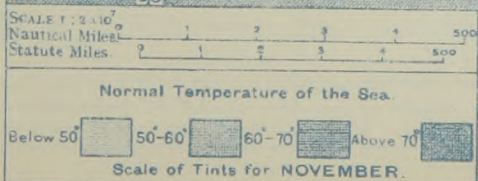
**BAROMETER**—Isobars are drawn for intervals of five millibars.

**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 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 ~~~~.





## DAILY WEATHER REPORT.

Thursday, 5th November, 1914.

REPORTS  
FOR  
YESTERDAY.

4th November

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli- metres.		TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.					
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.								
		°F					†	°F	°F								°F	°F	
Lisbon	1003.1	59	SW	4	C	1006.6	+2	55	-2	SW	1	SW	0	6	11	61	54		
Rome	1011.9	63	N	1	O	1008.2	+5	59	+5	NE	1	-	b	4	3	68	54		
Horta	-	-	-	-	-	1019.0	0	60	-3	NNW	3	-	bc	3	1	68	59		
Madeira (Funchal)	1011.8	72	NW	3	bc	1014.4	+1	64	-4	NW	2	N	b	2	-	75	63		

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.			
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.				
	mm. & .	° F.	° F.			Hr.		mm. & .	° F.	° F.			Hr.			
Scotland.	Oban ... ..	1	55	38	b <sub>g</sub>	b	6.0	England, S.E.	Tunbridge Wells ... ..	0.3	69	44	fe.o.b	b.opma	3.1	
	Banff ... ..	10	52	41	b <sub>g</sub>	b.me	4.6		Margate ... ..	-	56	49	bf	o	1.9	
	Carnoustie ... ..	-	49	40	*	*	0.0		Ramsgate ... ..	1	55	50	bc	r	1.9	
	St. Andrews ... ..	-	49	40	*	*	0.0		Folkestone ... ..	2	57	48	b.bc	bc.b.or	2.7	
Eng. N.E.	Harrogate ... ..	-	48	36	m	m	0.0		Littlestone ... ..	*	*	*	*	*	*	*
	Scarborough ... ..	*	58	44	of	of	0.0		Hastings ... ..	1	58	50	b.bc.o	op.o	3.2	
	Skegness ... ..	-	50	45	bc	cm.bc.o	1.8		Bexhill-on-Sea ... ..	1	58	49	b	bc.or	3.9	
									Eastbourne ... ..	-	57	43	b	bc.om	3.2	
Eng. N.W.	Douglas (I. of M.) ... ..	-	54	41	m.b	c.om	1.6		Seaford ... ..	3	59	45	b.bc	bc	3.3	
	Morecambe ... ..	-	52	40	c.bc	c.ome	0.3		Brighton ... ..	1	60	46	bc.ce	c.or.o	3.2	
	Blackpool ... ..	-	54	41	m.b	c.om	1.6		Worthing ... ..	-	59	49	bc	o.c	4.2	
	Southport ... ..	-	52	40	c.bc	c.ome	0.3		Littlehampton ... ..	-	59	49	b	bc.c	4.5	
Midlands.	Buxton ... ..	-	49	37	cm	cm	0.0		Bognor ... ..	0.3	59	48	b	o	5.1	
	Leamington Spa ... ..	-	58	49	m.o	bc	1.6		Southsea ... ..	-	61	48	c.bc	c.o	5.1	
	Malvern ... ..	0.3	52	42	m	m	0.0		Bournemouth ... ..	-	57	43	f.c	bc.o	2.6	
	Ross-on-Wye ... ..	-	58	42	om	om	0.0									
Wales.	Rhyl ... ..	-	56	38			4.4	England, S.W.	Weymouth ... ..	-	58	47	bmo	bc <sub>g</sub>	1.6	
	Colwyn Bay ... ..	-	55	40	bc	b	5.3		Exmouth ... ..	1	57	46	b	b	0.5	
	Llandudno ... ..	-	57	44	b	b	4.9		Teignmouth ... ..	-	56	46	c.bc.c.o	bc	0.1	
	Bettws-y-Coed ... ..	-	57	46	o.c.o	c.o	1.0		Torquay ... ..	-	58	48	c.o	c.o	0.3	
	Aberystwyth ... ..	-	57	50	bcp	bc.o	0.5		Paignton ... ..	-	57	44	c	bc	0.3	
	Tenby ... ..	4	55	50	o.c	bc	0.1		Plymouth ... ..	-	59	52	c	o	1.4	
England, S.	Swansea ... ..	-	54	50	f.o.c	o.c	0.1	Falmouth ... ..	-	59	52	c	o	1.4		
	Cromer ... ..	0.3	55	46	bc.of	o	2.9	Penzance ... ..	-	60	53	b	c	3.0		
	Lowestoft ... ..	-	57	49	bc	comp	1.6	Bude ... ..	-	58	50	bc.c	o	1.6		
	Felixstowe ... ..	1	55	41	e.bcmd	o.c.aug	1.2	Ilfracombe ... ..	-	58	50	f.b.bc	o.bc	1.0		
	Walton-on-Naze ... ..	1	57	40	fw.b	od.r	1.0	Weston-super-Mare ... ..	5	55	45					
	Southend-on-Sea ... ..	1	55	43												

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	%	%	Hr.	° F.	° F.	° F.	mm. §			
City (Bunhill Row) ...	100	91	0.0	56	46	46	5	f	o.or	or.ob
Westminster (St. James's Pk.)	87	85	0.1	56	48	47	7	f.oe	oe	se.r
Camden Sq. (Brit. Rainfall)	89	89	1.8	56	46	49	8	f.bm	bc.o	*
Hampstead (Reservoir) ...	*	89	3.3	55	43	42	9	bc.or	omr	bcm
Richmond Park ...	*	*	0.1	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	90	85	0.2	208 Joules		6.1 Milliwatts.		21 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.		° F.	F.	F.				Hr.
Darwen to 9 p.m.								
Manchester „	—	56	44	*	bc.c.fe	c	c.o	0.5
Birmingham „					*			
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 8 p.m.)	1	55	46	36	b.f	f.m.c	ood.r	*

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

5th & 6th November, 1914.	Sunrise.			Noon.			Sunset.		
	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.58	11.37	4.16	6.59	11.37	4.15	7.3	11.44	4.25
Greenwich ...	7.4	11.44	4.24	7.4	11.44	4.24	7.4	11.44	4.24
Wick ...	7.42	11.56	4.12	7.42	11.56	4.10	7.42	11.56	4.10
Valencia ...	7.46	12.25	5.4	7.46	12.25	5.4	7.46	12.25	5.4

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 60° at Brighton and Penzance, to 61° at Southsea, and to above 55° in many other places. Rain was experienced very generally - as much as 17 mm. at Portland Bill, and 11 mm. at Nottingham. Little bright sunshine was recorded except locally in the west and south.

Notes.—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.

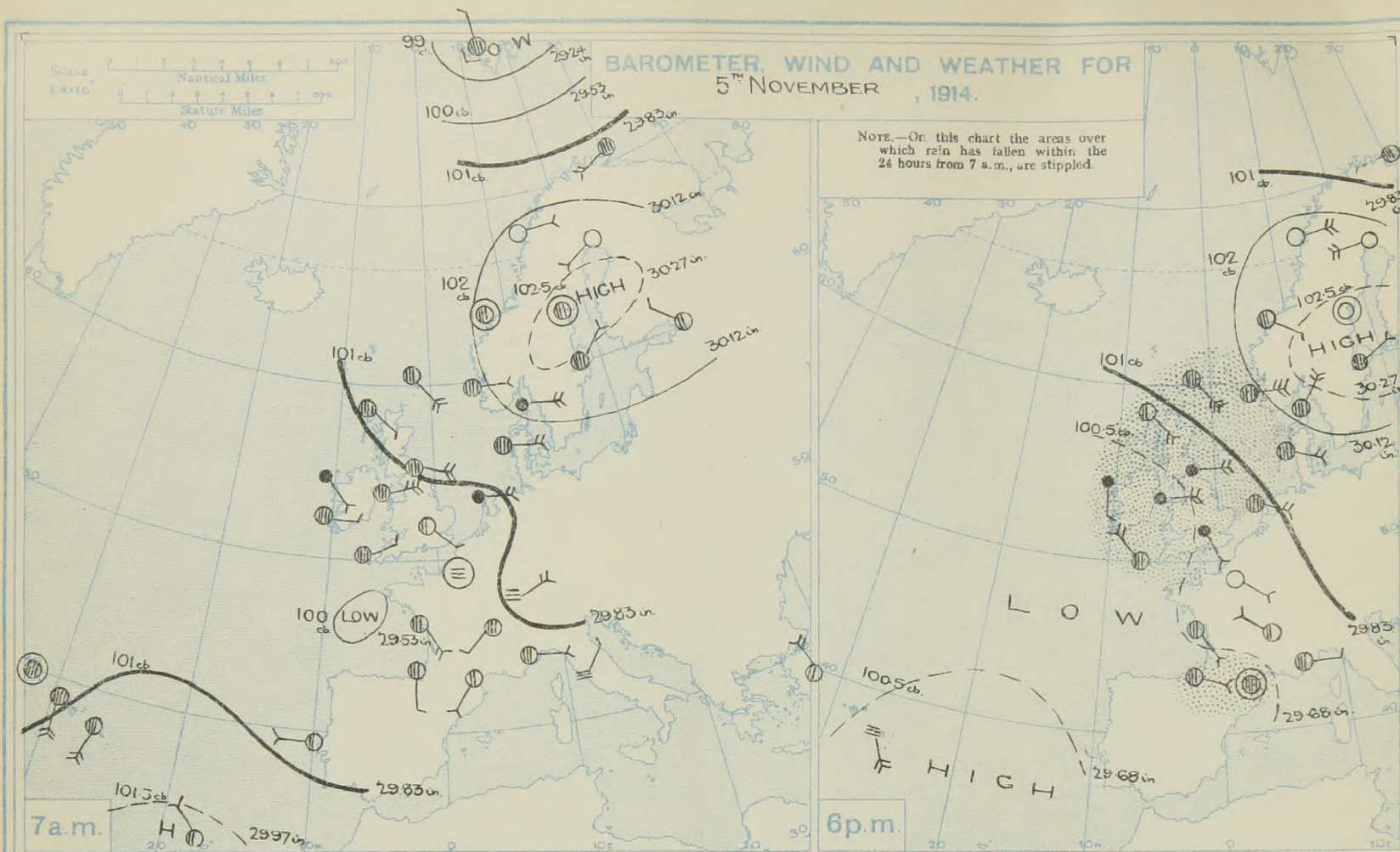
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Friday,  
6th November, 1914.

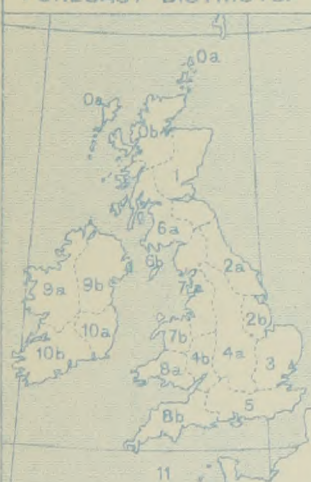
\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.

**No Warnings Issued.**

Western Channel and Bay 11

0 { a } South-Easterly and Southerly winds, strong or fresh  
b } to moderate; much cloud, rain at times, then improving  
1 } somewhat; moderately mild.

2 { a } Wind light, mainly Southerly to South-Westerly;  
b } variable weather, mostly fair, some rain; moderately  
3 } mild.

4 { a } Light winds, Southerly to Westerly; much cloud,  
b } rain at times, then improving somewhat; moderately mild.

5 { a } Wind between West and South, light or moderate;  
b } changeable, mostly fair, some showers; mild, then cooler

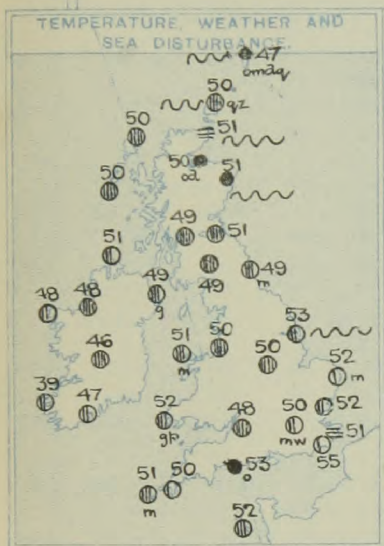
6 { a } Wind mainly Westerly to South-Westerly, light or  
b } moderate; sea slight; fair generally.

**FURTHER OUTLOOK.**



GENERAL INFERENCE.

There are no indications  
of the approach of any deep  
depression.



EXPLANATION.

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

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

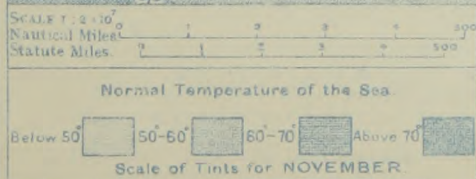
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded. ○ sky ¾ clouded. ○ overcast sky. ● rain falling.

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

SEA DISTURBANCE.—Rough wavy. High wavy.





# DAILY WEATHER REPORT.

Friday, 6th November, 1914.

REPORTS FOR YESTERDAY.  5th November.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										TEMP.	
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Change	Dry	Change	Wind.	Force	Dir.	Dir.	Force	Dir.	Max.	Min.
		Milli- bars at M.S.L.	°F.	Dir.	0-12.		Milli- bars at M.S.L.	in 3 hours	Bulb.	in 24 hours.	Dir.	0-12.	of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall Milli- metres.	°F.	°F.
								†	°F.	°F.								
	Petrograd ...	1008.3	28	NW	1	0	1022.4	+3	23	1	NW	1	-	bc	2	1	30	23
	Ushant ...	999.4	55	SE	3	0	1000.4	0	54	0	ME	2	+	0	2	2	59	48
	Brest (St. Mathieu) ...	1001.2	56	E	2	0	1000.6	+1	52	0	E	2	+	0	2	2	61	50
	Belfort ...	1009.7	41	ENE	4	f	1010.7	0	41	0	ENE	3	+	f	3	3	48	40
	Lyons ...	1008.4	52	NE	1	r	1008.7	0	52	0	SW	1	+	bc	2	2	55	49
	Perpignan ...	1004.0	55	NNE	1	b	1005.9	0	46	-8	SW	2	-	bc	2	1	68	45
	Lisbon ...	1005.9	57	SW	1	c	1007.0	+2	54	-1	W	2	-	bc	2	1	64	54
	Rome ...	1007.0	61	SW	1	0	1007.9	0	54	-5	ME	1	-	f	4	1	68	54
	Horta ...	-	-	-	-	-	1009.6	+3	66	+6	S	4	-	0	4	1	66	60
	Madeira (Funchal) ...	1014.3	68	NW	2	b	1015.4	0	64	0	NW	2	-	bc	2	10	75	63

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

	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
			mm. §	° F.	° F.	Forenoon.					Afternoon.	Max.	Min.	Forenoon.		Afternoon.
Scotland.	Oban ... ..	10	54	42	c	bc.r	2.0	England, S.E.	Tunbridge Wells ... ..	8	60	52	m.bc.b	bm	6.0	
	Banff ... ..	1	50	40	o	d	0.3		Margate ... ..	6	58	52	b	b	7.0	
	Carnoustie ... ..				*	*			Ramsgate ... ..	7	58	53	b	b	7.4	
	St. Andrews ... ..				*	*			Folkestone ... ..	6	59	53	c.bc	bc	5.9	
Eng. N.E.	Harrogate ... ..	11	50	46	r	op	0.0		Littlestone ... ..	*	*	*	*	*		
	Scarborough ... ..	*	53	48	o.c	or	0.0		Hastings ... ..	9	59	53	or.bc.b	b	4.7	
	Skegness ... ..	7	54	50	o.c	c.b	0.2		Bexhill-on-Sea ... ..	7	58	49	bc	bc	4.7	
Eng. N.W.	Douglas (I. of M.) ... ..								Eastbourne ... ..	8	58	54	b	b.bc	6.2	
	Morecambe ... ..	4	53	50	d	bc.o	0.2		Seaford ... ..	6	60	53	b	b	6.0	
	Blackpool ... ..	7	54	47	or	c.or	0.4		Brighton ... ..	7	59	51	c.bc.b	bc.c.o	6.8	
	Southport ... ..	10	55	45	o.c.bc	bc.or	0.0	Worthing ... ..	9	61	54	bc	bc.or	6.4		
Midlands.	Buxton ... ..	11	52	46	em.or	o.c.bc.r	0.2	Littlehampton ... ..								
	Leamington Spa ... ..	9	58	49	bc.o	d	1.9	Bognor ... ..	9	58	54	bc.b	b.bc	5.6		
	Malvern ... ..	17	55	43	m	m	0.0	Southsea ... ..	~	61	53	o	or.o	2.1		
	Ross-on-Wye ... ..							Bournemouth ... ..	11	55	47	r.or	o.c	0.1		
Wales.	Rhyl ... ..	7	57	47	w.bc	bc.r	1.2	England, S.W.	Weymouth ... ..	16	60	52	or.c	c.bc	3.1	
	Colwyn Bay ... ..	11	53	45	p	p	1.3		Exmouth ... ..	13	59	51	bc	bc	5.1	
	Llandudno ... ..	8	54	49	or	r	0.7		Teignmouth to 9 p.m.	14	61	51	c.bc	bc	4.4	
	Bettws-y-Coed ... ..								Torquay ... ..	9	60	50	c.o	c.bc.b	3.6	
	Aberystwyth ... ..	8	59	50	ru.c	c.o	1.0		Paignton ... ..	15	60	48	omp.bc	bc	6.3	
	Tenby ... ..	2	55	49	bc.	bc.o	0.0		Plymouth ... ..	~	59	49	o	c	2.0	
	Swansea ... ..	14	55	50	u	cu	0.8		Falmouth ... ..							
									Penzance ... ..	1	57	52	c	o	0.2	
									Bude ... ..							
									Ilfracombe ... ..	10	59	52	o.c.bc	bc.op.c	2.2	
England, E.	Cromer ... ..	5	55	51	o.c	o.c	0.0	Weston-super-Mare ... ..	19	59	50	or.bc	b.bc	1.5		
	Lowestoft ... ..															
	Felixstowe ... ..	9	58	52	bc.m	bc.m	5.2									
	Walton-on-Naze ... ..	5	56	52	r.bc.m.b	b	5.8									
	Southend-on-Sea ... ..	9	58	51	o.c.o.b	b.bc	4.7									

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
				Max.	Min.								Max.	Min.						
24 HOURS ENDED 9 A.M. TO-DAY.																				
%	%	Hr.	° F.	° F.	° F.	mm. §						mm. §	° F.	° F.	° F.	.			Hr.	
Greenwich (Royal Obsy.) ...	73	98	7.0	61	48	40	0.3	bc	bc.c	cp.c.b		Dublin to 4 p.m.	4	52	47	46	o.b.o	ogr	ogr	*
City (Bunhill Row) ...	*	*	4.4	*	*	*	*	*	*	*	*	Darwen to 9 p.m.	14	52	47	46	c.or	or	ofu	o.o
Westminster (St. James's Pk.)	68	93	5.6	62	51	45	-	bc	bc	bc.m		Manchester	8	58	50	*	or	or.c	cp.c	o.8
Camden Sq. (Brit. Rainfall)	72	94	5.0	61	49	44	-	bc.b	b	*		Birmingham "					*			
Hampstead (Reservoir) ...	*	95	4.8	59	47	36	0.3	bc	bc.op	bc		Oxford to 8 p.m.	*							*
Richmond Park	*	*	5.2	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
Kew. (See front page.)																				
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																				
				Total.		Average Rate.		Max. Rate.												
				47.2 Joules		14.0 Milliwatts.		33 Milliwatts.												
S. Kensington (Roof of M.O.)				64	90	6.0	47.2	Joules	14.0	Milliwatts.	33	Milliwatts.	6	61	54	49	ed.mor.o	c.b.g.b	b.b.c.b	*
											S. Kensington (Museum Grounds to 6 p.m.)									

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

6th & 7th November 1914.	Sunrise.			Noon.			Sunset.		
	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.59	11.37	4.15	7.0	11.37	4.14	7.4	11.44	4.24
Greenwich ...	7.4	11.44	4.24	7.5	11.44	4.23	7.42	11.56	4.10
Wick ...	7.44	11.56	4.10	7.46	12.25	5.4	7.47	12.25	5.3
Valencia ...	7.47	12.25	5.3						

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 60° at several English stations, and to above 55° over a wide area. Rain fell generally, the quantity being considerable in several parts of the Kingdom. Bright sunshine was very prevalent in the south-east and south.

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.

Saturday,

7th November, 1914.

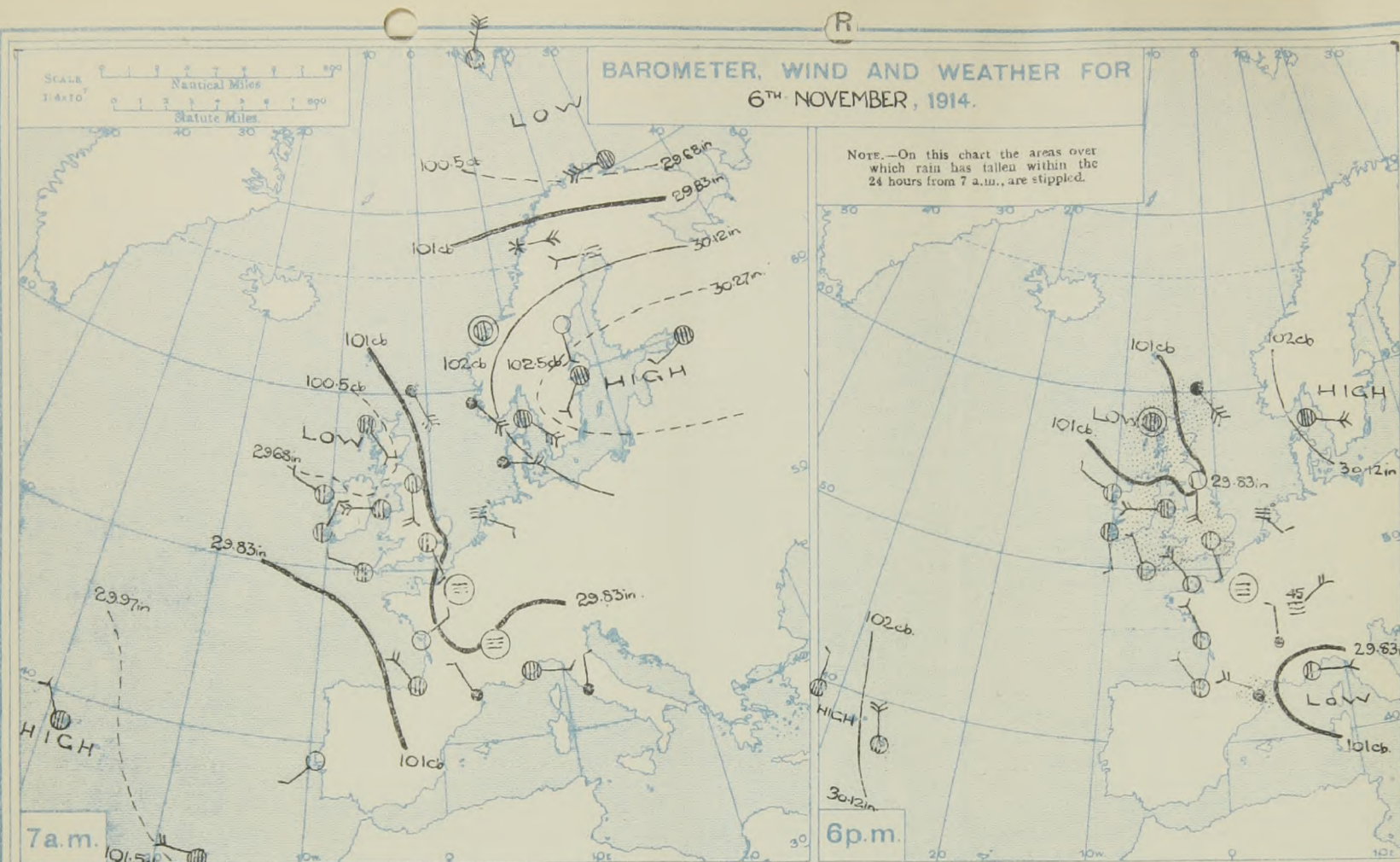
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										LAST 24 HOURS.						Sun shine for Yester- day.	
	Barom. Milli- bars at M.S.L.	Temp.	Wind.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Temp.		Wind.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		Weather.					
			Force 0-12.	Dir.				F.	F.	Force 0-12.	Dir.					Max.	Min.	Morning.	Afternoon.	Night.			
																						Hours.	
BRITISH ISLANDS.	Lerwick ...	1011.3	49	SE	6	omr	1012.4	0	50	+3	SE	3	-	fr	2	6	50	46	omr	omr	omd.f	*	
	Deerness ...	1008.8	51	SE	5	om	1013.2	*	49	-1	ENE	2	-	o	0	1	51	47	od.o	oz.in	em.o	0.0	
	Stornoway ...	1008.4	50	-	0	o	1013.3	+2	43	-7	W	2	-	bc	2	0.3	53	41	og	c.odp	bcap	0.1	
	Castletown (Barrisd.)	1009.1	49	NW	2	b	1014.0	+2	48	-2	-	0	S	c	1	?	52	46	op	op.b	b.o	0.2	
	Glasgow ...	1009.9	50	WSW	1	af	1015.8	+3	45	-4	WSW	2	NW	b	1	1	52	45	ofg	o	c.off.b	0.0	
	Eskdalemuir ...	1010.7	49	W	1	od	1016.0	+2	46	-3	W	2	NW	b	1	2	50	45	or	om	cd.o.c	0.0	
	Malin Head ...	1009.1	51	WSW	2	c	1015.2	+2	46	-5	SSE	2	S	bc	2	1	52	45	bc	emp	ba	1.7	
	Markree Castle	1012.2	44	-	0	c	1017.6	*	39	-9	-	0	-	f	1	4	4	4	op.bc	bc	bmz	4.6	
	Blackod Point	1012.3	49	WNW	1	bc	1014.7	0	51	+3	SSW	4	SW	ou	3	-	54	46	bcw	bcw	bc om	*	
	Valencia ...	1013.2	48	SSE	1	bc	1016.8	+2	52	+3	SE	2	-	c	4	1	56	39	cwp	bc	cp	5.0	
	Roche's Point	1014.1	51	SW	2	b	1014.2	*	44	-3	NW	1	-	o	1	0.3	56	42	bc	bc.b	bw.o	*	
	Birr Castle ...	1013.0	48	W	1	c	1017.8	*	37	-9	NW	1	-	o	1	-	55	34	c	c	f.o	6.2	
	Douaghadee ...	1010.6	50	SW	2	cgm	1016.3	+3	42	-7	SW	2	SW	bcw	2	0.1	51	40	cgm	cgm	c.bw	*	
	Liverpool (Bidston)	1012.5	49	SW	1	o	1017.7	+2	47	-3	SW	3	-	b	2	2	53	46	cd	cd	b	0.0	
	Holyhead ...	1012.2	52	WSW	2	c	1018.2	+3	49	-2	W	3	W	bmw	1	Trace	54	46	op.c.p.c	c.bc.c	bc.bw	0.3	
	Pembroke (St. Ann's)	1014.5	52	WNW	1	bc	1018.9	+3	41	-11	NNE	1	-	bf	1	1	55	41	op	op	bc	4.6	
Newquay ...	1013.4	51	W	1	b													op	op	bc	5.5		
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	1013.3	50	NNW	1	b	1019.4	+4	48	-3	-	0	-	c	3	4	57	47	bcp	bw	bcp.bc	7.6	
	Falmouth ...	1014.2	48	N	1	b	1019.6	+3	44	-2	N	1	-	b	3	58	44	bc	b	bc	5.4		
	Jersey (St. Aubin)	1012.9	53	WSW	2	bm	1018.7	*	44	-8	NW	3	NW	bm	3	62	43	bc	b.bm	bmw	8.1		
	Portland Bill	1012.8	51	N	1	b	1018.9	+2	50	-3	NNW	1	-	b	1	3	59	47	r.c.bc	bc	b	*	
	Dungeness ...	1012.6	55	-	0	bcw	1017.3	+3	43	-12	WNW	2	-	f	0	0.1	60	42	bc	bc	bcw	*	
	Dover ...	1012.2	52	-	0	bc	1018.5	+3	43	-8	NW	1	-	bf	3	0.1	60	42	m.b	b.bc	bcw	6.8	
	Wick ...	1008.1	52	SSE	3	m	1013.7	+2	48	-3	W	1	-	o	3	1	51	48	omp	om	om	*	
	Nairn ...	1008.6	47	-	0	omr	1014.5	*	44	-6	-	0	-	bc	1	3	52	43	m.r.c	bcw	em	0.1	
	Aberdeen ...	1010.0	52	SSE	2	o	1014.3	+2	49	-2	NW	3	-	o	4	1	53	48	or.o	om	o	0.0	
	Leith ...	1009.8	53	WSW	2	c	1014.8	+2	49	-2	WSW	2	W	c	Trace	56	48	cp.c	c	o.c	*		
	Tynemouth ...	1009.8	52	S	3	bm	1014.5	+3	48	-1	WNW	2	NW	c	3	-	54	47	em	em	c	*	
	Spurn Head ...	1012.1	52	SSW	2	m	1015.7	+1	49	-4	W	3	-	em	4	1	54	47	om	omr	o	0.0	
	Yarmouth ...	1012.5	53	S	2	bc	1017.0	+3	45	-7	W	2	-	f	1	2	56	43	bm.f.bc	bc	om.f	4.0	
	Clacton-on-Sea	1012.1	54	SE	1	ce	1017.6	+3	41	-11	WNW	2	-	bf	1	1	59	39	bc	bc.ce	c.op.bf	7.0	
	Nottingham ...	1012.8	49	SW	1	bc	1018.0	*	41	-9	WSW	1	W	ome	1	1	53	39	edm	dml.bc	bc.om	0.0	
	Bath ...	1013.5	49	NW	1	c	1020.0	+4	40	-8	W	1	-	m	0.4	59	37	m.ab.c.b	bc.c.op	bc.bm	2.4		
London (Kew Obs.)	1013.4	52	-	0	oe	1019.2	+3	39	-11	WSW	1	-	fw	2	2	60	38	bmw.bm	o.bw	bc.oe	2.5		
NORTHERN EUROPE.	Spitsbergen ...													*									
	Isafjord ...													*									
	Reykjavik ...													*									
	Vestmanna ...													*									
	Seydisfjord ...													*									
	Thorshavn ...													*									
	Vardö ...													*									
	Bodö ...													*									
	Christiansund													*									
	Skudesnaes ..													*									
	Færder (Kj. laniafjord)													*									
	The Scaw (Skagen)	1021.0	41	ESE	4	o	1019.7	-1	41	-4	ESE	3	-	o	4	6	45	39					
	Blaavands Huk†	1016.8	44	ESE	2	m	1017.2	0	43		SE	1	-	f	1	1	45	41					
	Haparanda ...													*									
	Hernösand ...													*									
	Stockholm ...													*									
Wisby ...													*										
Karlstad ...													*										
St. Petersburg													*										
FRANCE, &c.	The Helder ...	1014.7	48	ENE	2	o	1016.7	0	46	0	SE	1	-	o	0	-	50	46					
	Brussels ...	*	*	*	*	*								*									
	C. Gris Nez ...	1012.8	53	ESE	1	b	1017.3	+3	48	-3	N	2	*	f	2	1	59	48					
	La Hève ...	1013.0	53	-	0	m	1019.4	*	50	+4	SSW	1	*	f	2	-	63	46					
	Ushant ...	1014.9	54	NE	2	b	1018.9	*	52	-2	NE	2	*	f	3	-	59	48					
	Brest (St. Mathieu)	1015.0	55	SW	1	b	1020.0	0	54	+2	E	2	*	b	3	-	63	48					
	Rochefort (Ile d'Aix)	1012.4	55	NNW	2	bc	1017.5	0	46	-3	E	3	*	m	2	-	64	45					
	Biarritz ...	1012.7	57	NW	2	bc	1015.8	+2	54	-3	SSW	2	*	o	2	-	59	54					
	Paris ...	1013.6	50	-	0	f	1018.7	+3	46	+3	-	0	-	f	*	-	52	41					
	Belfort ...	1013.9	45	ENE	3	f	1017.9	*	45	-	-	0	*	f	*	-	49	40					
	Lyons ...	1013.7	47	-	0	r	1018.0	*	47	-1	NW	1	*	r	*	-	50	47					
	Nice ...	1007.7	57	E	2	bc	1012.6	+2	57	+2	E	2	*	c	2	-	63	54					
	Pertignan ...	1010.4	55	WNW	3	r	1013.6	+2	54	0	NW	1	-	b	*	18	55	52					
	Sanguinaire ...	*	59	E	2	o	*	*	58	-2	E	1	*	c	4	-	66	54					
	SOUTHERN EUROPE.	Corunna (7 a.m.)													*								
		Madrid (8 a.m.)													*								
Lisbon (9 a.m.)														*									
Gibraltar ...		1012.8	57	NW	2	bc	1013.2	*	59		SE	4	-	r	3	1	65	53					
Rome ...														*									
Azores (Horta, 8 a.m.)		1020.8	*	N	3	bc																	
Madeira (Funchal)																							

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

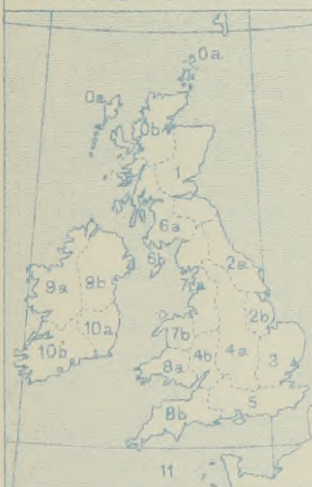
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69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





**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 { a } Wind light, mainly from some Westerly point; rather  
b } variable weather, some rain and mist locally, considerable  
1 } fair periods; mild to lower temperature.

2 { a }  
b }  
3 { Wind light, mainly from the Westward, mostly fair,  
4 { but mist or fog locally; temperature lower than of late  
b }  
5 }

6 { a } Same as Nos 0 and 1.  
b }

7 { a } Wind light, between North-West and South-West,  
b } mostly fair, but mist or fog locally; temperature lower  
8 { than of late  
b }

9 { a } Wind light or moderate, between West and South,  
b } variable weather, some rain locally, mist or fog in places;  
10 { moderate temperature.  
b }

11 { Light variable winds, sea slight or smooth, some  
mist, otherwise fair.

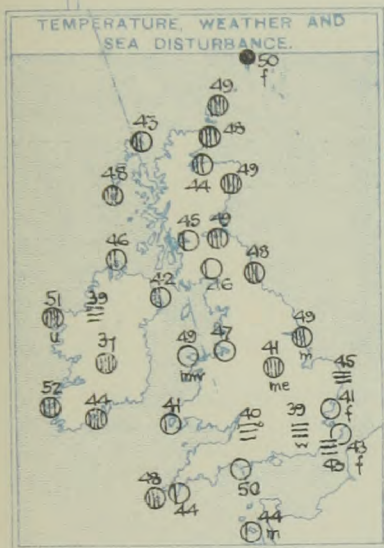
**FURTHER OUTLOOK.**



# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 7<sup>TH</sup> NOVEMBER, 1914.

## GENERAL INFERENCE.

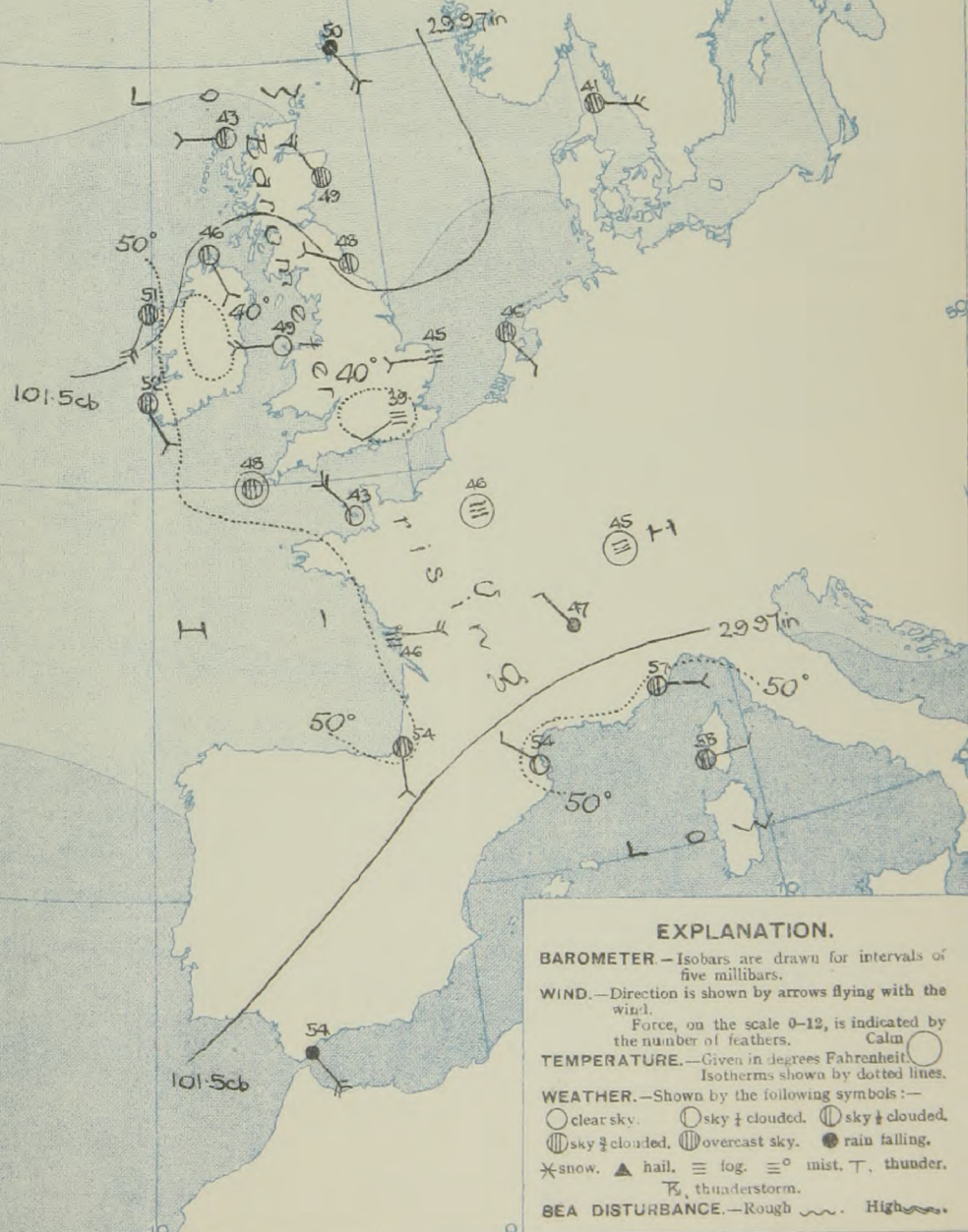
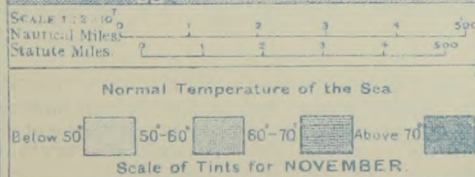
There are still no indications of the approach of any important cyclonic disturbance.



Inches.  
31

30

29





## DAILY WEATHER REPORT.

Saturday, 7th November, 1914.

REPORTS FOR YESTERDAY, 24 NOVEMBER, 6th November	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain fall. Milli- metres	TEMP.	
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 9-9.	Max.		Min.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
																			°F.
	Spitsbergen	1006.0	16	NE	6	b	1002.7	+1	11	-12	NNE	6	*	*	-	23	10		
	Petrograd	1028.2	23	NW	1	b	1029.0	+1	25	+2	WSW	1	*	*	-	30	19		
	Lisbon	1003.1	55	WNW	3	o	1009.7	*	54	0	NE	2	*	*	-	59	48		
	Lyons	1008.0	55	E	1	b	1009.9	*	48	-4	-	0	*	*	-	62	46		
	Lisbon	1009.6	59	WNW	2	b	1012.3	+1	55	+1	SW	1	*	*	-	63	54		
	Rome	1008.0	61	SW	1	o	1006.3	+1	55	+1	N	1	*	*	-	66	54		
	Horta	-	-	-	-	-	1017.5	+3	61	-5	NW	2	*	*	-	70	59		
	Madeira (Funchal)	1015.0	68	N	2	bc	1014.0	-2	67	+3	W	3	*	*	-	70	61		

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

STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		°F.	°F.						°F.	°F.			
Scotland.	Oban	53	46	r.o	o	0.0	Tunbridge Wells	0.3	60	47	m.bc.b	bc.bcm	4.4
	Banff	53	46	r.o	o	0.0	Margate	-	62	50	b	b.bc	6.1
	Carnoustie	53	46	*	*	0.0	Ramsgate	0.3	59	50	b	bc	7.0
	St. Andrews	55	49	*	*	0.9	Folkestone	-	61	55	b.bc	bcf	6.3
Eng. N.E.	Harrogate	51	46	c	o	0.0	Littlestone	-	60	52	o.bc	bc.b	3.2
	Scarborough	53	48	o	o.c	0.0	Hastings	-	62	51	bc	bc	5.4
	Skegness	53	49	o.c	o.c	0.3	Bexhill-on-Sea	-	61	53	bc	bc	2.9
Eng. N.W.	Douglas (I. of M.)	52	50	o	bc.o	0.1	Eastbourne	Trace	58	49	bc	bc.o	4.3
	Morecambe	52	50	o	bc.o	0.1	Seaford	-	61	53	b	bc	4.3
	Blackpool	52	50	o	bc.o	0.1	Brighton	-	60	55	bc.b	bc.c	4.4
	Southport	52	49	o.c	o.c	0.0	Worthing	-	60	54	b.bc	b.bc	4.1
Midlands.	Buxton	50	45	bc.r	c	0.4	Littlehampton	-	59	54	bc.o	c.bc	4.6
	Leamington Spa	55	48	or	bc.o	0.8	Bognor	-	61	51	o.c	c.o	6.2
	Malvern	57	48	bc	c	2.2	Southsea	-	57	50	o.c	bc	2.0
	Ross-on-Wye	57	48	bc	c	2.2	Bournemouth	7	57	50	o.c	bc	2.0
Wales.	Rhyl	53	46	or	o	0.0	Weymouth	10	59	52	op	bc.c	3.8
	Colwyn Bay	52	49	p	p	0.0	Exmouth	1	58	46	b	bc.o	5.5
	Llandudno	53	49	o	p	0.0	Teignmouth	-	60	47	bc	bc.b	6.7
	Bettws-y-Coed	54	50	r.o.c	c.o.c	0.7	Torquay	-	60	47	bc	bc.b	6.7
	Aberystwyth	54	44	bc.o	bc.o	3.0	Paignton	-	58	47	bc	b	5.4
	Tenby	54	44	bc.o	bc.o	3.0	Plymouth	-	58	47	bc	b	7.2
	Swansea	50	46	bc.r	b	0.8	Falmouth	-	59	47	b	b	7.2
England, E.	Cromer	57	46	m.o.c	o.c	0.2	Penzance	-	59	47	b	b	7.2
	Lowestoft	58	53	bc	bc	5.5	Bude	-	59	47	b	b	7.2
	Felixstowe	59	49	bc	bc	6.3	Ilfracombe	10	57	49	bc.tlr	o.c.bc	2.2
	Walton-on-Naze	58	51	w.bc	b.bc.c	7.2	Weston-super-Mare	2	59	47	bc.b	p.bc	2.5
	Southend-on-Sea	62	50	bm	bc.c	4.7							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
	%	%	Hr.	° F.	° F.	° F.	mm.‡			
Greenwich (Royal Obsy.) ...	72	100	3.8	62	41	36	1	bc	bc.o	o.r.f
City (Bunhill Row) ...	*	*	1.5	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	74	99	2.2	60	41	40	2	bc	bc.or	o.r.m
Camden Sq. (Brit. Rainfall)	74	99	1.4	59	41	41	2	bm.bc	bc.or	*
Hampstead (Reservoir) ...	*	100	2.1	58	34	24	4	bc	bc.or	fx
Richmond Park ...	*	*	3.3							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	71	93	2.7	440 joules		13 Milliwatts.		31 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		in Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
		° F.	° F.	° F.				
Dublin to 4 p.m.	3	55	47	46	or	c	c.b	*
Darwen to 9 p.m.	3	51	47	47	com	or	out	0.0
Manchester "	2	52	48	*	op.o	op	op.r	0.0
Birmingham "	2	53	41	44	o	o	at.o	0.3
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	2	59	52	43	b.bc	bc.c	o.c.og.og	*

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

7th & 8th November 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	7.0	11.37	4.14
Greenwich	7.2	11.37	4.12
	7.5	11.44	4.23
Wick	7.7	11.44	4.21
	7.44	11.56	4.8
Valencia	7.46	11.56	4.6
	7.47	12.25	5.3
	7.49	12.25	5.1

## NOTES ON YESTERDAY'S WEATHER.

Temperature again rose to 60° in several parts of England, and to above 53° over a much wider area. Slight rain was experienced in most localities, and thunder and lightning occurred locally in England and Wales.

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.

Sunday,  
8th November, 1914.

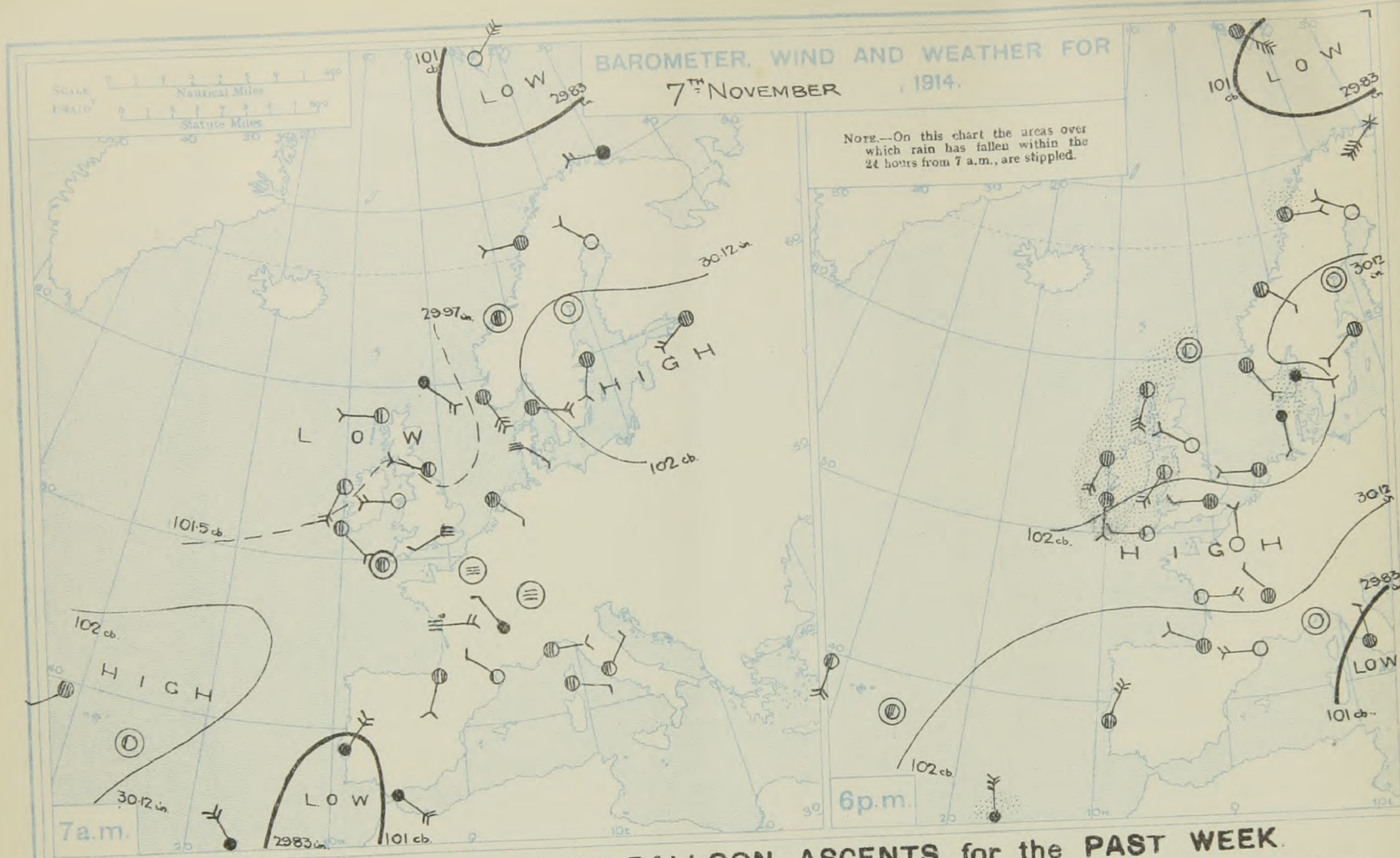
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.  Hours.						
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.									
			Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.							
																						° F.	° F.				Hours.
BRITISH ISLANDS.	Lerwick	1013.8	48	-	0	bm	1003.1	-3	50	0	W	5	-	c	4	9	50	46	c	bc	cr	*					
	Deerness	1013.9	48	S	1	b	1004.7	*	49	0	SSW	3	-	apd	3	1	51	46	o.c	c.bc.b.	b.bcpo	2.6					
	Stornoway	1011.3	51	SSW	5	bc	1006.0	+2	51	+8	SW	6	-	cq	5	5	53	42	bc	bc	o.cpq	2.6					
	Castlebay (Barra Isd.)	1011.5	53	S	4	o	1008.9	+1	53	+5	SW	4	-	o	4	1	54	47	c.bc	c.b.o	or.cpo	3.4					
	Glasgow	1017.4	46	SSW	2	b	1012.4	-2	51	+6	SW	4	-	od	*	2	53	44	b.bc.c	c.beg.b	b.orq	3.1					
	Eskdalemuir	1019.1	40	WSW	1	b	1015.1	0	49	+3	SSW	5	-	orm	*	4	51	37	bc.c	c.b.	or	5.2					
	Malin Head	1013.0	50	S	6	r	1012.0	0	52	+6	SW	4	-	m	4	2	53	45	c	ormq	omd	4.0					
	Markree Castle	1016.6	52	W	2	o	1015.6	0	54	+15	S	2	-	r	*	2	*	*	f.bc	ed.o	op	2.2					
	Blacksod Point	1013.7	51	SSW	4	omp	1013.6	+1	54	+3	SW	3	W	orm	3	6	54	50	omp	omp	orm	*					
	Valencia	1019.0	52	S	2	om	1019.1	0	55	+3	S	3	-	o	4	3	56	50	cq	crm	op	0.4					
	Roche's Point	1020.6	52	SW	3	c	1021.3	*	53	+9	SW	2	-	r	2	2	57	44	cp.bc	bc.c	p.or	*					
	Birr Castle	1017.7	53	SSW	1	c	1017.7	*	52	+15	S	2	-	o	*	1	56	36	bc	c	ed.o	5.3					
	Donaghadee	1017.2	47	S	3	bcm	1013.7	-2	52	+10	SW	4	SW	cypm	3	1	55	41	bcm	bcm	om.mq	*					
	Liverpool (Bidston)	1020.2	49	SW	1	bc	1018.8	0	52	+5	SSW	3	S	o	2	-	53	47	b	bc	c.o	3.9					
	Holyhead	1019.7	53	SW	4	bc	1018.7	0	49	0	SW	5	-	og	4	0.3	57	47	b.bc.c	bc.c.bc	bc.opd	4.5					
	Pembroke (St. Ann's)	1025.6	53	WSW	3	b	1021.8	0	51	+13	SSW	5	SW	cq	4	0.1	55	42	f	bc	ev	3.6					
	Newquay	1022.0	51	W	1	b													b.br	bv		6.5					
	Scilly (St. Mary's)	1022.5	51	W	1	bv	1023.3	0	52	+4	WSW	3	-	b	3	0.1	57	47	bv	bv	bvw	5.6					
	Falmouth	1022.6	48	WSW	2	b	1024.5	+2	49	+5	WSW	1	W	bse	?	-	57	41	bc	c.b	bse	6.8					
	Jersey (St. Aubin)	1022.0	51	N	2	bcm	1024.8	*	40	-4	N	2	-	b	2	-	60	39	bc	c.o.cm	bmeu	4.1					
	Portland Bill	1022.0	52	-	0	b	1023.4	0	53	+3	W	3	W	bc	2	-	57	43	bc	bc.b	b.bc	*					
	Dungeness	1021.0	49	W	2	bc	1023.3	+1	35	-8	NW	2	-	fx	1	-	56	35	f.bc.b	bc	bw.x.f	*					
	Dover	1021.1	47	NW	1	b	1023.4	+2	43	0	WNW	1	-	b	2	-	56	40	bc.b	bm	bz	5.2					
Wick	1014.2	45	SW	1	bc	1006.4	0	53	+4	W	3	-	o	3	-	54	44	om.bc	bc	bc.om	*						
Nairn	1014.8	43	W	1	b	1007.4	*	53	+9	WSW	3	-	c	2	0.4	53	41	bc	bc	bc	5.0						
Aberdeen	1016.0	47	-	0	bg	1009.2	-3	52	+3	SW	5	-	c	3	0.3	54	43	o.c.bc	bc.bz	bz.opc	2.9						
Leith	1017.2	49	WSW	1	b	1012.0	-1	54	+5	SSW	3	-	o	*	-	54	41	bc.b	bz	bc	*						
Tynemouth	1018.1	48	WNW	2	b	1016.0	0	49	+1	SSW	2	-	bc	2	1	54	43	bc	b	bemp	*						
Spurn Head	1019.4	53	W	4	bc	1020.1	-2	47	-2	WSW	4	-	op	4	-	53	48	-	-	-	4.4						
Yarmouth	1019.8	48	W	2	bcm	1022.0	0	40	-5	WSW	2	-	bcm	1	-	54	36	f.bcm	bcm	bcm	3.4						
Clacton-on-Sea	1020.3	50	W	2	cm	1022.1	+2	40	-1	W	1	-	f	0	-	55	38	bf.m	b.bc.cm	cm.f	7.5						
Nottingham	1021.1	49	W	1	bc	1021.2	*	43	+2	W	2	-	o	*	-	54	37	o.cm	c.bcm	bc.bm	2.6						
Bath	1022.3	44	SW	1	o	1023.3	*	36	-4	W	1	-	c	*	-	53	34	on.c	bc.o	m.o.c	3.4						
London (Kew Obs.)	1021.8	50	W	1	om	1023.8	+1	39	0	SW	1	-	fe	*	0.1	54	38	fw.fe.bz	bz.om	ombcm	2.9						
ICELAND, FAEROE, &c.	Spitsbergen	1010.3	-9	SE	7	o	996.7	-3	12	+10	-	0	*	S	*	?	12	-9	RAINFALL. Equivalents of Millimetres. in Inches.								
	Isafjord												*		*	*	*	*									
	Reykjavik												*		*	*	*	*									
	Vestmanna												*		*	*	*	*									
	Seydisfjord												*		*	*	*	*									
	Thorshavn												*		*	*	*	*									
NORTHERN EUROPE.	Vardö	1012.0	28	WSW	8	S	1017.1	-1	27	-9	SW	1	-	o	3	*	36	27									
	Bodö	1016.4	41	E	2	c	1009.3	-5	39	-4	E	2	-	bc	2	1	41	36									
	Christiansund	1017.3	43	SE	1	c	1008.3	-4	41	+5	NE	1	-	b	2	-	45	36									
	Skudesnaes	1018.6	45	SSE	2	o	1014.6	-1	45	0	SSE	8	-	o	4	-	46	45									
	Færder (X'ania Fjord)	1020.4	37	SE	1	o	1017.0	+1	39	+2	-	0	-	o	0	-	39	37									
	The Scaw (Skagen)	1019.0	43	ESE	2	r	1016.7	0	43	+2	SSE	1	-	o	2	3	43	41									
	Blaavands Huk	1017.6	45	S	1	r	1017.2	+1	45	+2	S	1	-	f	1	3	45	41									
	Haparanda	1016.4	28	NW	2	b	1017.2	0	30	+2	E	2	-	o	*	-	36	23									
	Hernösand	1020.3	25	-	0	b	1016.4	-2	20	+7	-	0	-	o	*	-	30	21									
	Stockholm	1021.6	37	WSW	2	o	1018.3	-1	37	0	S	2	-	o	*	-	41	36									
FRANCE, &c.	Wisby	1021.6	37	-	0	o	1019.1	-1	36	-1	SE	2	-	o	*	-	39	34									
	Karlstad	1020.8	36	-	0	r	1017.2	-3	36	+4	ESE	2	-	o	*	1	36	32									
	St. Petersburg	1020.4	32	W	1	o	1020.3	0	34	+2	W	1	-	o	*	-	34	32									
	The Helder	1018.7	52	W	2	o	1020.6	0	52	+6	W	3	-	c	1	-	54	46									
	Brussels	*	*	*	*	*																					
	C. Gris Nez	1020.6	52	WSW	3	m	1023.1	+2	50	+2	W	3	*	bo	4	Place	55	50									
	La Hève	1023.0	46	-	0	f	1024.2	*	46	-4	S	1	*	f	0	-	54	45									
	Ushant	1021.6	55	NE	2	bc	1025.9	*	48	-4	NE	1	*	bc	3	-	59	45									
	Brest (St. Mathieu)	1023.8	54	WNW	2	m	1026.1	+2	46	-8	E	2	*	m	2	-	63	45									
	Rochefort (Ile d'Aix)	1020.2	50	E	3	b	1024.3	+2	46	0	ESE	4	*	o	*	-	50	46									
SOUTHERN EUROPE.	Biarritz	1018.4	57	NW	2	o	1021.3	+2	50	-4	NE	1	*	m	2	-	50	50									
	Paris	1022.3	48	-	0	m	1028.2	+2	46	0	-	0	-	o	*	-	50	45									
	Belfort																										
	Lyons	1021.2	46	NW	1	o	1023.8	*	47	0	NW	1	*	o	*	-	49	46									
	Nice	1015.5	55	-	0	b	1017.3	+2	52	-5	-	0	*	b	2	-	68	50									
	Perpignan	1016.0	59	W	3	b	1018.1	+2	48	-6	-	0	-	o	*	-	68	45									
	Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*									
	Corunna (7 a.m.)																										
	Madrid (8 a.m.)																										

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

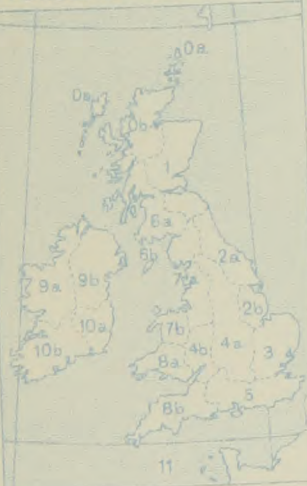
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69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





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

Signals hoisted yesterday.      Signals hoisted this morning.

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

No Warnings  
Issued.

Western Channel and Bay 11

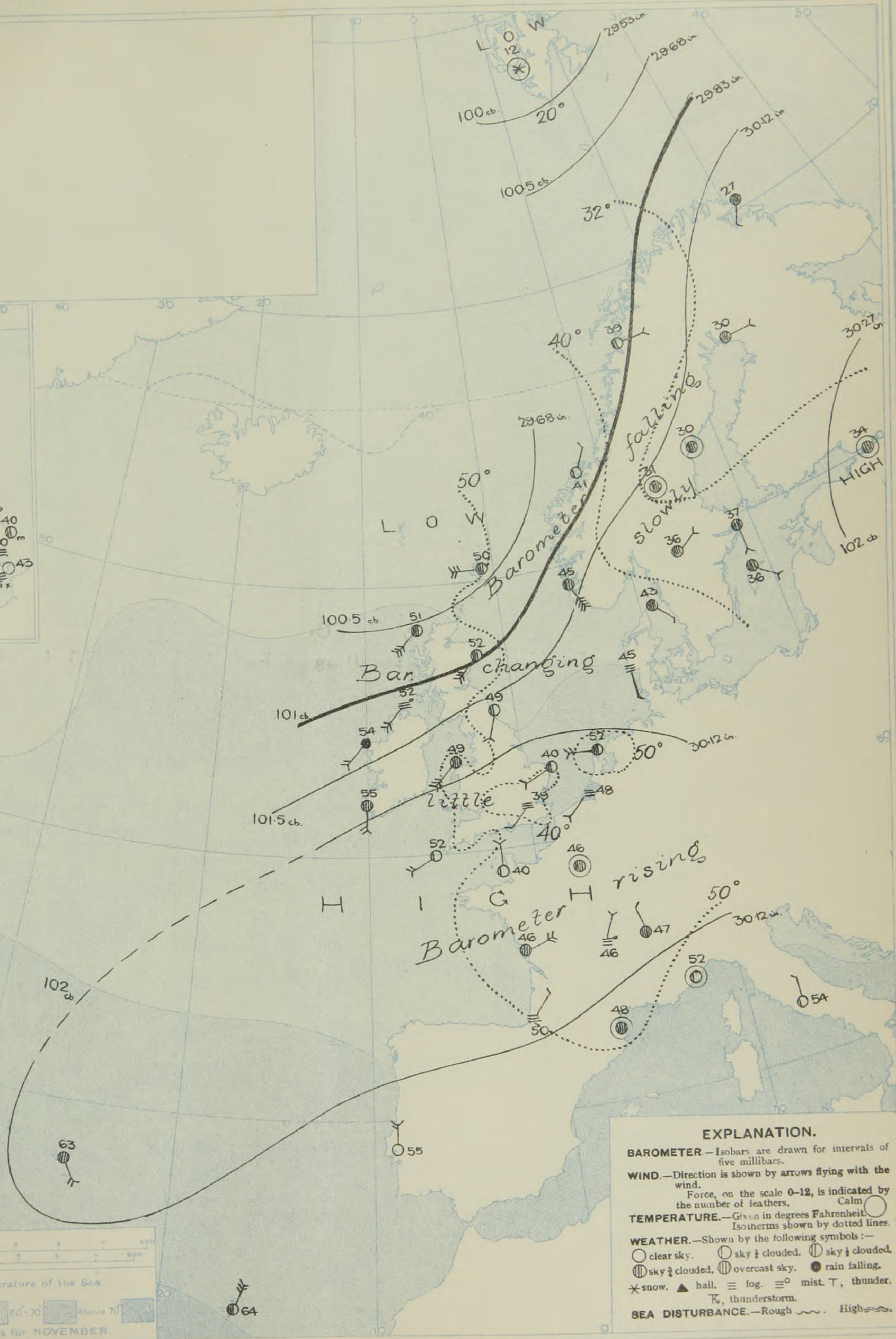
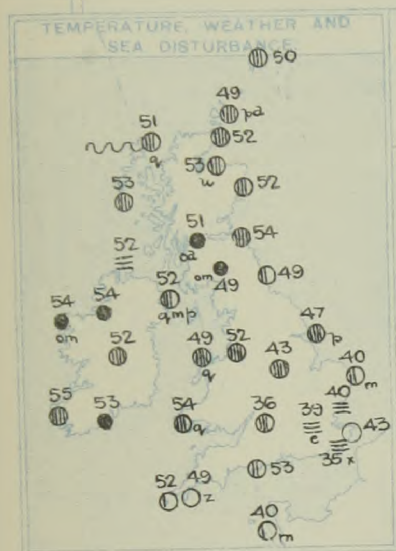
**FURTHER OUTLOOK.**

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

Station Date & Hour.		Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.
		Eskdalemuir 4th 7 a.m.	Eskdalemuir 4th 13h.	S. Farnborough 6th 9h.	S. Farnborough 6th 15h.	Eskdalemuir 7th 7h.	S. Farnborough 7th 7h.								
Heights in Kilometres.	4		+1	+5											
	3	0	+6	-2	+5	+3	+11	+9	+10						
	2	+1	+2	-3	+4	+4	+11	+9	+7	+6	-2	+4	-4		
	1	+2	+3	-5	+2	+6	+10	+5	+5	+7	-2	+3	-4		
	0.5	+4	+2	-2	0	+3	+8	+6	+3	+6	-3	+4	-2		
	0	0	0	-2	-2	0	+4	+4	0	+2	0	+2	0		
Station Date & Hour.															
Heights in Kilometres.															


W. N. SHAW, Director





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

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

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

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

**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky.    ◐ sky  $\frac{1}{2}$  clouded.    ◑ sky  $\frac{1}{2}$  clouded.  
 ◒ sky  $\frac{3}{4}$  clouded.    ◓ overcast sky.    ● rain falling.  
 ✕ snow.    ▲ hail.    ≡ fog.    ≡<sup>o</sup> mist. T, thunder.

BEA DISTURBANCE.—Rough . High .



## DAILY WEATHER REPORT.

Sunday, 8th November, 1914.

REPORTS  
FOR  
YESTERDAY.

7th November,

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	mm. §	° F.	° F.			Hr.	Tunbridge Wells ...	mm. §	° F.	° F.			Hr.
Oban ...	...	...	...	...	...	...	Margate ...	...	56	46	b.m.	b. bc. cm.	6.0
Banff ...	1	49	45	o. bc	bc	2.1	Ramsgate ...	...	55	47	c	bc	3.0
Carnoustie ...	...	...	...	...	...	...	Folkestone ...	...	52	45	b	b	5.3
St. Andrews ...	...	...	...	...	...	...	Littlestone ...	1	58	49	b	b. bc	6.6
England, N.W.	...	...	...	...	...	...	Hastings ...	...	59	45	b	b	6.8
Harrogate ...	1	54	45	b	b. bc	4.7	Bexhill-on-Sea ...	...	57	41	bz	bz	6.8
Scarborough ...	...	...	...	...	...	...	Eastbourne ...	...	56	42	b	b. cm	6.2
Skegness ...	0.3	55	40	o	b	3.8	Seaford ...	...	56	39	c. b	bc	6.1
England, E.	...	...	...	...	...	...	Brighton ...	...	56	43	b	b. bc. m	6.3
Douglas (I. of M.) ...	...	...	...	...	...	...	Worthing ...	...	61	44	b	b. bc	6.2
Morecambe ...	...	50	47	bc	bc	3.3	Littlehampton ...	...	...	...	...	...	...
Blackpool ...	...	...	...	...	...	...	Bognor ...	0.3	57	40	b	b. bc. b	6.2
Southport ...	3	53	47	b. bc. c	c. bc. b	3.3	Southsea ...	...	...	...	...	...	...
Midlands.	...	...	...	...	...	...	Bournemouth ...	...	51	35	f. b	bc. b	4.2
Buxton ...	...	49	42	bc	bc	1.7	Weymouth ...	...	57	38	bz. w	bz	5.6
Leamington Spa ...	1	51	35	b	bm	4.6	Exmouth ...	...	...	...	...	...	...
Malvern ...	...	...	...	...	...	...	Teignmouth to 9 p.m.	...	55	37	b. cp	bc. b	5.3
Ross-on-Wye ...	0.3	54	30	x, fed. c	c. bc. bw	4.3	Torquay ...	...	57	40	b	bc. b	5.3
Wales.	...	...	...	...	...	...	Paignton ...	...	59	36	b	b	5.2
Rhyl ...	...	54	39	bc	bc	4.0	Plymouth to 9 p.m.	...	57	37	c. bz	c. b	5.4
Colwyn Bay ...	...	...	...	...	...	...	Falmouth ...	...	...	...	...	...	...
Llandudno ...	...	...	...	...	...	...	Penzance ...	...	57	43	b	b	6.1
Bettws-y-Coed ...	...	...	...	...	...	...	Bude ...	...	...	...	...	...	...
Aberystwyth ...	2	50	43	r. c	c. bc	6.2	Ilfracombe ...	...	56	45	bz. c. bc	bc. b. bc	3.7
Tenby ...	1	54	33	bc. o	bc	3.6	Weston-super-Mare ...	...	...	...	...	...	...
Swansea ...	...	49	41	f. b	bc. b	2.4							
England, S.W.	...	...	...	...	...	...							
Cromer ...	3	54	48	m. bc	bc	4.2							
Lowestoft ...	...	...	...	...	...	...							
Felixstowe ...	2	56	40	bc. m	bc. m	6.7							
Walton-on-Naze ...	2	55	39	bz. b	b. bc. m	6.5							
Southend-on-Sea ...	...	57	43	bz. w	bz	4.5							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day	
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.	Night Min. on Grass.	Night	Fore- noon.	After- noon.			
				Max.	Min.													Max.		Min.
%	%	Hr.	° F.	° F.	° F.	mm.‡				mm.‡	° F.	° F.	° F.				Hr.			
Greenwich (Royal Obs.) ...	77	100	3.5	53	40	30	-	b	bm	bm.f	Dublin to 4 p.m.	-	54	39	38	baw	bz c	c.b	*	
City (Bunhill Row) ...	*	*	0.6	53	*	*	*	*	*	*	Darwen to 9 p.m.	4	50	44	38	ov.c	bc	bc.o	2.7	
Westminster (St. James's Pk.)	80	100	1.6	55	39	36	-	om	b	bc.o	Manchester "	1	53	44	*	op	o	o.c.bm	0.3	
Camden Sq. (Brit. Rainfall)	78	98	2.4	53	39	37	-	b.bc	b.bm	*	Birmingham "	0.3	53	42	29		b	b	5.4	
Hampstead (Reservoir) ...	*	98	4.4	54	33	27	-	bc	bc	b.f.x	Oxford to 8 p.m.	*	53	34	31	c.o.b.f	b.f.b	b.b.c.b	*	
Richmond Park ...	*	*	3.3	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.												
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				38.4 Joules		11.5 Milliwatts.		26 Milliwatts.												
S. Kensington (Roof of M.O.)	71	93	2.6																	

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to between 55° and 61° in many places. Small amounts of rain fell in various districts. Bright sunshine was general, and ranged up to 7½ hours at Clacton.

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

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

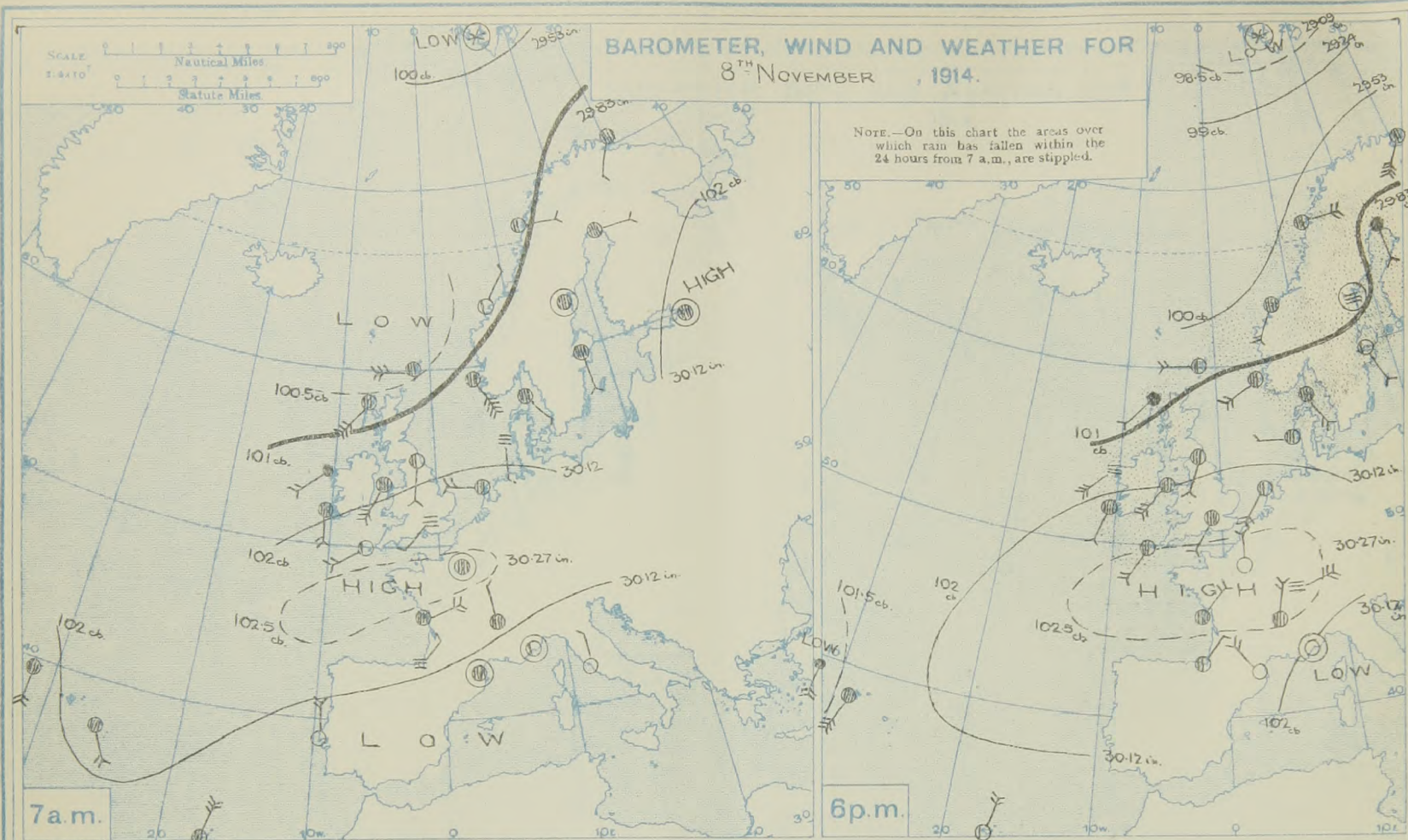


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,  
9th November, 1914.

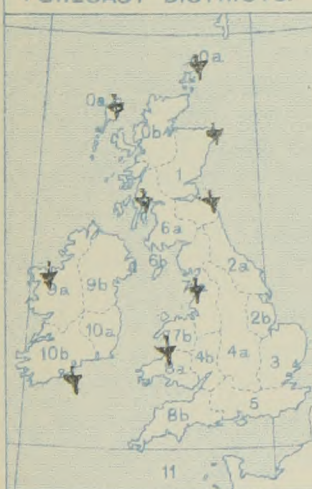
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.						
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. Dry Bulb.	Change in 24 hours.	WIND. Direc.	Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.									
			Direc.	Force 0-12.												Max.	Min.	Morning.	Afternoon.	Night.							
																					° F.	° F.					Hours.
BRITISH ISLANDS.	Lerwick	1007.4	43	W	3	bc	998.7	-4	53	+3	SW	7	-	orm	5	9	53	46	c	bc	orm	*					
	Deerness	1009.9	47	W	3	c	1000.3	*	53	+4	SW	4	-	o	3	6	54	47	o.g.o	o.c	cr.o	0.0					
	Stornoway	1008.8	50	SW	2	op	999.6	-6	54	+3	SSW	8	-	opg	6	6	55	48	c.o	op	opg	0.0					
	Castlebay (Barra Isd.)	1003.1	53	SE	3	r	1003.9	-4	55	+2	SW	5	-	r	6	5	55	52	op.o	or	r.or	0.0					
	Glasgow	1014.0	54	SW	3	ag	1011.8	-2	53	+2	SW	5	-	cg	*	2	55	50	odp	odp.m.o	odp.c	0.0					
	Eskdalemuir	1015.9	52	SSW	3	ofe	1014.2	+1	52	+3	SSW	5	SW	o	*	5	54	48	or.odm	od	orm.o	0.0					
	Malin Head	1012.5	55	SW	5	m	1008.5	-4	54	+2	SSW	6	-	c	5	2	56	52	cm	odm	cg	0.0					
	Markree Castle	1015.9	56	S	3	r	1013.2	*	55	+1	S	5	-	o	*	3	*	*	od	or	o.cg	0.0					
	Blacksod Point	1015.0	54	SW	5	f	1010.2	o	55	+1	SW	6	-	ag	5	2	55	52	orm.f	ormp.f	orm	*					
	Valencia	1020.7	56	SSW	2	ond	1018.2	-2	56	+1	SSW	4	-	o	4	0.1	58	55	om	om	ond	0.0					
	Roche's Point	1023.0	55	WSW	3	o	1021.0	*	54	+1	SW	3	-	c	3	0.3	57	53	d.o	ome	o.c	*					
	Birr Castle	1019.0	57	SW	2	r	1017.2	*	56	+4	SSW	5	-	o	*	1	57	52	od	evd	od.o	0.0					
	Donaghadee	1015.5	57	W	3	ogm	1013.4	-3	53	+1	SW	4	SW	cg	3	Trace	53	50	cg.m	ogm	ompe	*					
	Liverpool (Bidston)	1020.0	55	SW	3	c	1018.8	-2	55	+3	SW	3	-	o	3	-	58	52	o.c	og	c.o	0.5					
	Holyhead	1019.2	56	SW	5	opdgm	1018.7	o	55	+6	SW	5	-	o	4	0.2	56	54	o.ad.o	om	op.c.o	0.0					
	Pembroke (St. Ann's)	1023.5	55	WSW	5	c	1022.3	+1	55	+1	SW	4	SW	c	4	0.1	56	?	cg	opg	cg	0.0					
	Newquay	1024.8	53	SW	2	od													bcv	bcv.c.o							
	Scilly (St. Mary's)	1025.0	53	SW	3	cpv	1024.3	+1	53	+1	SW	3	SW	omp	4	1	57	51	ep	cpv	cpv.cp	2.0					
	Falmouth	1025.7	53	WSW	1	o	1025.1	+1	53	+4	SW	2	-	o	4	-	57	48	bc	c	c.o	3.0					
	Jersey (St. Aubin)	1026.3	52	SE	1	cm	1026.8	*	50	+10	SE	3	-	o	2	-	55	39	bc	c.cm	bmrv.o	2.7					
Portland Bill	1024.5	55	WSW	4	bc	1024.9	o	55	+2	WSW	4	W	o	3	0.2	56	52	bc	c	cd.o	*						
Dungeness	1024.0	53	WSW	3	bc	1025.0	+1	52	+17	WSW	2	SW	o	2	-	56	35	bc	e	bc.c.o	*						
Dover	1024.6	50	SW	3	b	1024.3	+1	51	+8	WSW	3	W	c	3	-	57	43	bc.m.b	bc.b	b.bc.b	3.7						
Wick	1010.2	47	SSW	1	o	1002.5	-3	54	+2	W	2	-	o	3	-	56	46	o.cm	cm.om	omd	*						
Nairn	1010.7	51	-	o	c	1004.4	*	56	+3	WSW	5	-	cg	3	1	56	50	bc	bc.cg	gdq	0.5						
Aberdeen	1011.8	58	SW	2	o	1006.9	-2	55	+3	SSW	4	-	o	2	0.4	58	51	c.o	og	opg	0.0						
Leith	1013.8	57	SW	3	c	1010.9	-2	55	+1	WSW	4	-	bc	*	0.2	58	53	o	o.c	o.op	*						
Tynemouth	1016.5	54	SW	2	cm	1014.0	-1	56	+7	WSW	4	SW	c	2	-	57	49	cm	bc.m	cm							
Spurn Head	1021.1	50	WSW	3	o	1019.8	o	52	+5	SW	4	-	bc	4	-	54	45	o	o	o.c	0.0						
Yarmouth	1022.1	51	SW	2	bc.m	1022.3	+2	52	+12	W	2	-	c	1	-	53	37	bc.m	bc.m	bc	0.1						
Clacton-on-Sea	1022.7	52	SW	2	bc.m	1022.8	o	50	+10	SW	3	-	o	2	-	54	39	f.cm	c.bc.m	bc.m.o	0.8						
Nottingham	1020.7	52	SW	4	b	1021.0	*	54	+11	SW	4	SW	c	*	0.1	53	43	op.cm	c.o.b	bc.o	0.2						
Bath	1025.3	51	W	1	o	1024.0	o	53	+17	W	3	W	o	*	-	56	36	c.o.bc	o.c.bc	o	0.5						
London (Kew Obsy.)	1024.5	51	SW	2	o	1024.6	+2	51	+12	SW	2	-	o	*	Trace	54	37	f.c.m.c	e.bc.c.o	o.b.c.o	2.3						
ICELAND, FAEROE, &c.	Spitsbergen	984.3	14	-	o	S	984.6	+1	20	+8	ENE	7	*	S	*	20	3	GALES. Duration and Extreme Force in British Islands  Stornoway, 3am SW. 8, 7pm SSW. 8.  Glasgow, Midt. SW. 8. 11pm-2am SW 8 in gusts.									
	Isafjord													*	*	*											
	Reykjavik													*	*	*											
	Vestmanna													*	*	*											
	Seydisfjord													*	*	*											
	Thorshavn													*	*	*											
NORTHERN EUROPE.	Vardö	1007.1	30	SW	7	c	1000.6	-3	32	+5	SW	8	-	c	3	*	32	25									
	Bodö	1000.2	41	E	4	c	997.1	o	39	o	SW	5	-	o	3	*	41	36									
	Christiansund	1002.1	45	SW	3	o	1000.4	-3	46	+5	SW	1	-	c	4	*	48	41									
	Skudesnaes	1010.1	48	WSW	4	c	1006.0	-3	48	+1	SE	5	-	r	4	9	48	43									
	Færder (Xiania Fjord)	1011.3	45	S	5	r	1009.5	o	43	+4	W	2	-	o	2	2	45	39									
	The Scaw (Skagen)	1014.9	43	SSW	3	o	1011.7	+2	46	+3	WSW	1	-	r	2	3	48	43									
	Blaavands Huk	1017.6	48	W	1	c	1014.3	+1	50	+5	WSW	2	-	r	3	1	50	43									
	Haparanda	1011.5	34	S	2	r	1001.1	-4	36	+6	S	4	-	r	*	10	36	28									
	Hernösand	1008.3	37	-	o	f	1004.7	o	36	+6	-	o	-	b	*	3	39	30									
	Stockholm	1015.5	37	S	2	b	1009.2	o	37	o	SW	2	-	m	*	1	39	36									
FRANCE, &c.	Wisby	1017.2	39	SSW	2	o	1011.7	-2	45	+9	SW	4	-	o	*	-	45	34									
	Karlstad	1013.5	41	NE	2	o	1009.7	o	39	+3	-	o	-	b	*	5	43	34									
	St. Petersburg														*												
	The Helder	1021.3	54	SW	4	bc	1021.1	o	54	+2	SW	3	-	o	2	-	55	52									
	Brussels		*	*	*	*									*												
	C. Gris Nez	1024.6	54	SW	5	bc	1024.7	+1	54	+4	W	5	-	c	4	-	55	50									
	La Hève	1028.2	54	W	3	bc	1028.4	*	46	-1	SW	2	-	f	2	-	54	43									
	Ushant														*												
	Brest (St. Mathieu)	1028.0	54	S	2	b	1027.1	o	50	+4	SSW	3	-	c	3	-	57	45									
	Roche fort (Ile d'Aix)	1025.9	49	NE	3	o	1026.6	o	41	-5	ENE	3	-	c	*	-	55	41									
	Biarritz	1024.3	50	NE	1	bc	1024.4	o	45	-5	-	o	-	m	2	-	54	45									
Paris	1027.5	45	N	2	o	1028.2	+2	43	-3	SE	1	-	f	*	-	54	43										
Belfort	1026.7	43	ENE	4	f	1030.3	*	37		ENE	4	-	f	*	-	54	37										
Lyons	1025.3	48	NW	2	o	1028.2	*	42		WNW	1	-	o	*	-	52	41										
Nice	1019.1	55	-	o	b	1022.3	+2	52	+4	-	o	-	o	2	-	63	48										
Perpignan	1021.3	57	NW	3	b	1024.2	+3	43		W	2	-	b	*	-	64	39										
Sanguinaire		59	E	2	bc	*	*	59		E	2	-	o	2	-	68	54										
SOUTHERN EUROPE.	Corunna (7 a.m.)																										
	Madrid (8 a.m.)														*						</						





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

South Cone hoisted  
at 8.8 a.m.

Western Channel and Bay 11

0 { a } Wind mainly South-Westerly, fresh to high, a gale  
b } in places; much cloud, occasional rain; mild.

2 { a } Wind mainly South-Westerly, increasing in force;  
b }  
3 { cloudy or overcast generally, some rain later, mild  
b }  
4 { a }  
b }

6 { a } Wind mainly South-Westerly, fresh to high, a gale  
b }  
7 { a }  
b } in places; much cloud, occasional rain; mild.  
8 { a }  
b }

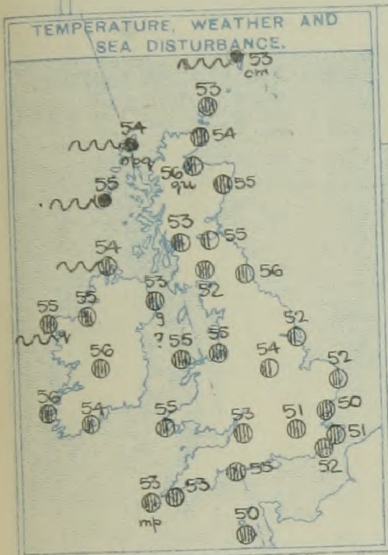
9 { a } South-Westerly winds, moderate to strong; sea  
b } slight to rather rough; dull, some rain.  
10 { a }  
b }

**FURTHER OUTLOOK.**



# GENERAL INFERENCE.

A secondary depression appears to be approaching Ireland, and an increase of wind from the South-Westward is probable on all our coasts. with a prolongation of the mild temperature.



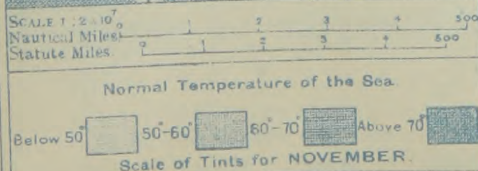
inches.

31

30

30

29



1016 mb.  
63

**EXPLANATION.**

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

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

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

**WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded.  
⊙ sky ¾ clouded. ⊙ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
⚡, thunderstorm.

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



## DAILY WEATHER REPORT.

Monday, 9th November, 1914.

REPORTS  
FOR  
YESTERDAY.

8th November.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.			
Scotland.	Oban ... ..						England, S.E.	Tunbridge Wells ... ..							
	Banff ... ..	0.3	57	43	b. o	o		0.0	Margate ... ..		56	34	f. c. bc	c. b. m	4.4
	Carnoustie ... ..				*	*			Ramsgate ... ..		56	42	bc	c	3.0
	St. Andrews ... ..				*	*			Folkestone ... ..		53	42	bc	bc	4.1
Engl. N.E.	Harrogate ... ..	1	55	41	b. c	c. op	1.0	Littlestone ... ..		56	42	b. c. b. c	c. bc	4.1	
	Scarborough ... ..		56	47	o. c	o. c	0.0	Hastings ... ..		56	43	b. bc	c. bc	5.1	
	Skegness ... ..		54	37	o. c	c. bc	0.0	Bexhill-on-Sea ... ..		56	41	b	b	5.6	
Engl. N.W.	Douglas (I. of M.) ... ..						England, S.E.	Eastbourne ... ..		57	39	b. oz	b. oz	4.5	
	Morecambe ... ..							Seaford ... ..							
	Blackpool ... ..	1	55	46	o	o		0.0	Brighton ... ..	0.3	56	38	w. c. m. bc	c. bc	4.1
	Southport ... ..	2	55	43	b	o		0.0	Worthing ... ..		58	36	bc	bc	4.1
Midlands.	Buxton ... ..		53	40	b. c	o	0.3	Littlehampton ... ..							
	Leamington Spa ... ..		54	37	b. c	o	2.0	Bognor ... ..		57	37	b. bc	b	6.3	
	Malvern ... ..		54	38	b. c	bc	0.6	Southsea ... ..							
	Ross-on-Wye ... ..		54	31	o	o	0.0	Bournemouth ... ..		55	32	f. bc	c	2.5	
Wales.	Rhyl ... ..	0.3	60	42	c	o	0.8	England, S.W.	Weymouth ... ..		58	38	b. c	c. bc	1.7
	Colwyn Bay ... ..		60	47	c	o	0.5		Exmouth ... ..						
	Llandudno ... ..		56	45	c	c	0.2		Teignmouth ... ..		58	36	bc	bc	
	Bettws-y-Coed ... ..								Torquay ... ..		56	39	c	c. b. c	1.0
	Aberystwyth ... ..		56	43	o. c	c. m	0.0		Paignton ... ..		58	36	bc	bc	1.4
	Tenby ... ..								Plymouth ... ..						
England, E.	Swansea ... ..	2	54	41	cd	w	0.0	Falmouth ... ..							
	Cromer ... ..						England, S.W.	Penzance ... ..							
	Lowestoft ... ..							Bude ... ..							
	Felixstowe ... ..		53	39	b. m	b. c		1.1	Ilfracombe ... ..		56	47	o	c. b. c. o	0.3
	Walton-on-Naze ... ..		53	39	b. c	c. m		1.6	Weston-super-Mare ... ..		55	39	b. c. bc	c	1.0
	Southend-on-Sea ... ..		55	42	w. f. bc. c	b. bc. c		1.3							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yesterday.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obsy.) ...	%	%	Hr.	° F.	° F.	° F.	mm. §			
City (Bunhill Row) ...	73	81	2.1	56	44	42	-	b	b. bc	bc
Westminster (St. James's Pk.)	*	*	0.2	*	*	*	*	*	*	*
Camden Sq. (Brit. Rainfall)	75	77	1.2	56	40	42	-	bc. b	b	b.
Hampstead (Reservoir) ...	-	72	1.1	55	41	41	-	-	-	*
Richmond Park ...	*	84	2.3	54	36	39	-	bc	bc	bc. om
Kew. (See front page.)	*	*	2.7	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	-	76	2.0	Total. 95 joules		Average Rate. 11.9 Milliwatts.		Max. Rate. 31 Milliwatts.		

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

9th to 10th Nov. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.4	11.37	4.10
Greenwich ...	7.6	11.37	4.8
Wick ...	7.9	11.44	4.13
Valencia ...	7.11	11.44	4.17
	7.40	11.56	4.3
	7.51	12.25	4.39
	7.53	12.25	4.57

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

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	mm §	° F.	F.	F.				Hr.
Darwen to 9 p.m.	1	58	52	51	c.or	c.b	c	*
Manchester "				*				
Birmingham "					*			
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	-	55	39	33	m. bf	f. am	bc. m	*

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 55° or a little higher in many districts, and touched 60° at Rhyl and Colwyn Bay. Rain fell over a considerable area in the north and west, but not heavily, and the duration of bright sunshine was very slight except at a few southern stations.

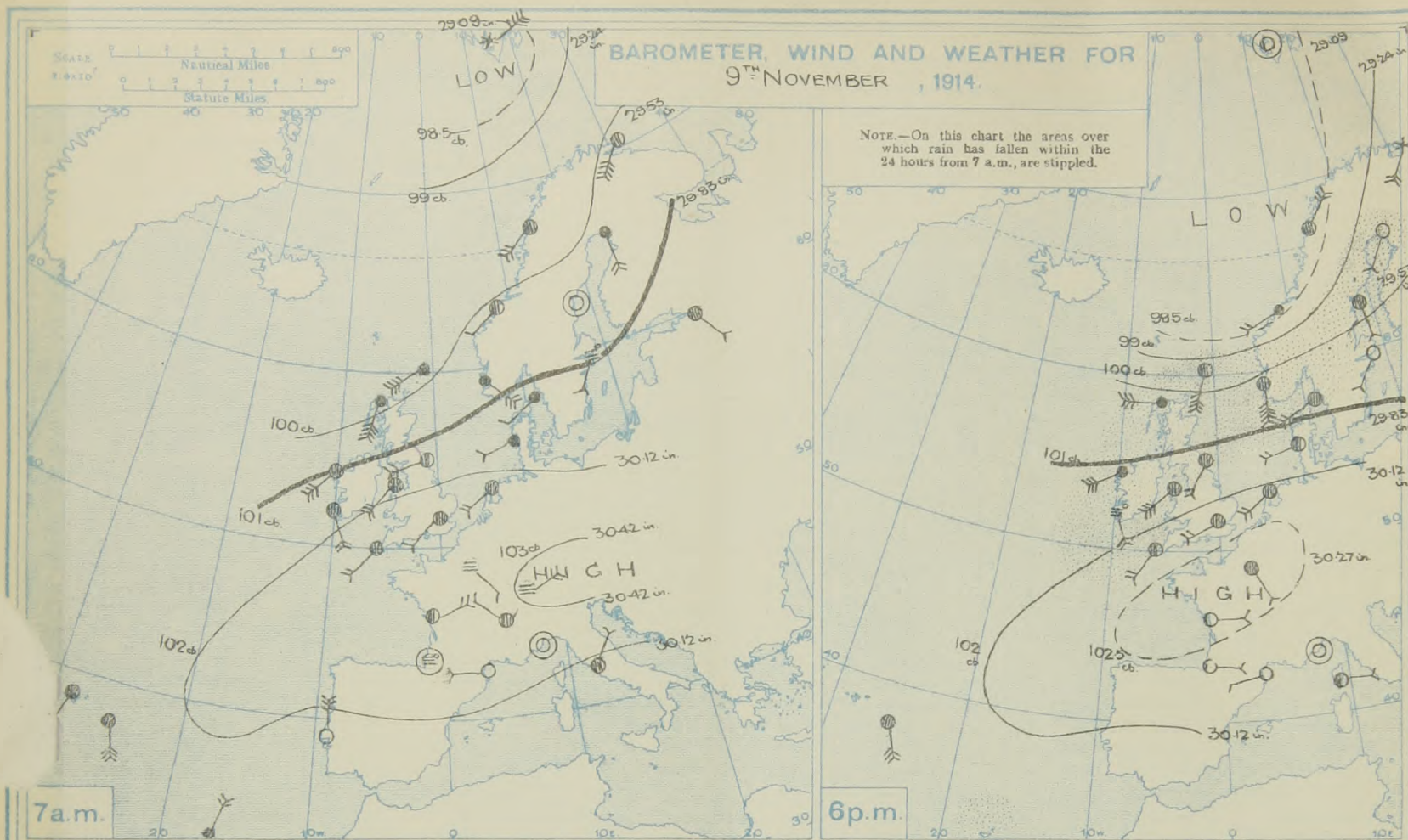
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies rd. at M.O. and at the bookstalls at certain Railway Termini in London.



Tuesday,  
10th November, 1914.

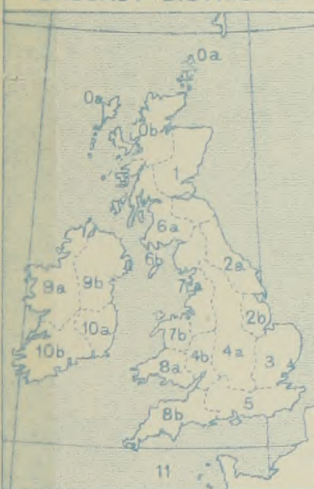
\* The barometric change is expressed in half-millibars.





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

No Warnings  
Issued.

Western Channel and Bay 11

0 { a } Wind between West and North-West, moderate or  
b } light, fresh or strong at times locally; weather rather  
1 } variable, mostly fair, but some local showers; temperature  
about normal.

2 { a } Wind mainly Westerly, light or moderate, fresh at  
b } times in places; weather rather variable, mostly fair, but  
3 } some local showers; temperature about normal.

4 { a } Same as Nos. 0 and 1.  
b }

5 { a } Wind mainly from some Westerly point, fresh at  
b } times, moderate or light generally; weather rather variable,  
6 } mostly fair, but some local showers; temperature about  
7 } normal.

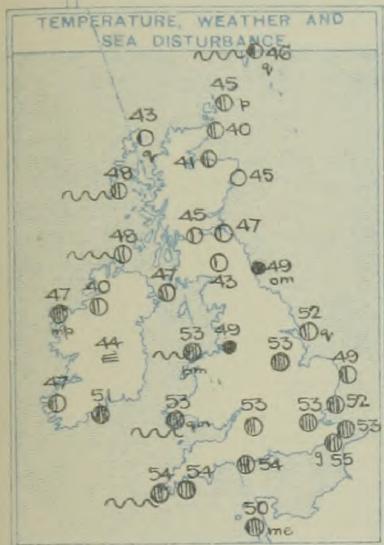
8 { a } Westerly winds, moderate generally; sea moderate;  
b } some showers, otherwise fair.

**FURTHER OUTLOOK.**



# GENERAL INFERENCE.

Low pressure irregularities passing eastward across these islands will cause showers in various districts.



Millibars.

31

30

29

28

27

26

25

24

23

22

21

20

19

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

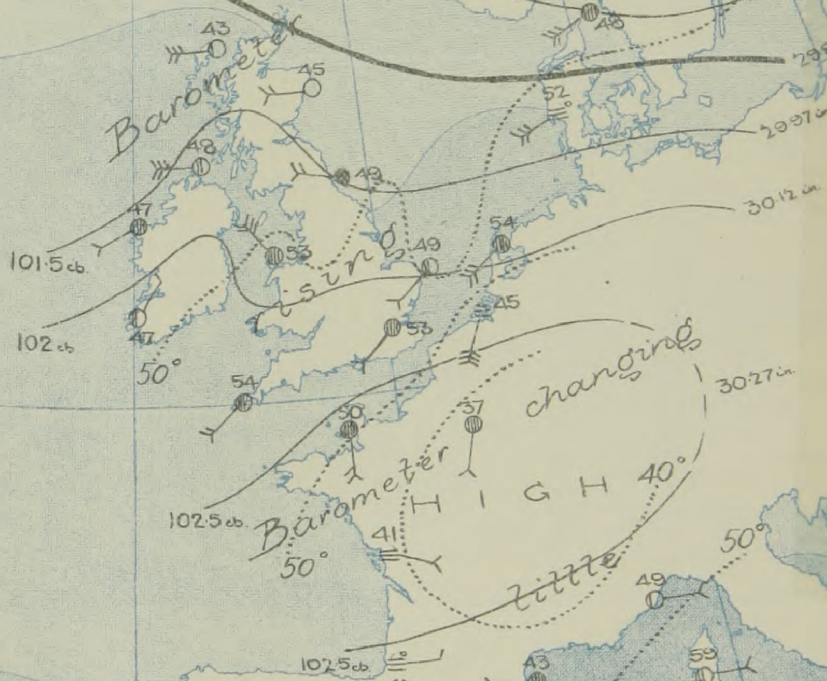
97

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 NOVEMBER



## EXPLANATION.

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

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

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

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

**SEA DISTURBANCE**—Rough High



## DAILY WEATHER REPORT.

Tuesday, 10th November, 1914.

REPORTS  
FOR  
YESTERDAY.

9th November.

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

STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		° F.	° F.						° F.	° F.			
Scotland.							Tunbridge Wells ...		56	46	m.c.o.	c.b.c.b.	0.0
Oban ...							Margate ...		57	42	bc	c	2.0
Banff ...	2	60	49	og	og	0.0	Ramsgate ...		57	45	b.o	o	2.2
Carnoustie ...				*	*		Folkestone ...		59	49	c.b.c	c.b	1.1
St. Andrews ...		56	52	*	*	0.3	Littlestone ...		*	*	*	*	
England, N.W.							Hastings ...		56	49	a.c	o.c	0.0
Harrogate ...		55	52	c.o	o	0.0	Bexhill-on-Sea ...		55	49	b	bc	0.1
Scarborough ...		57	49	o.c	o.e	0.5	Eastbourne ...		56	51	o	o.b.c	0.0
Skegness ...	0.3	57	49	bc.b	bc	1.0	Seaford ...		57	51	bc.c	c	0.7
England, N.E.							Brighton ...		56	50	o	o.c.o	0.0
Douglas (I. of M.) ...							Worthing ...		56	47	o	o.b.c	0.0
Morecambe ...	1	56	53	bc	bc.o	0.1	Littlehampton ...						
Blackpool ...							Bognor ...		56	50	o	o	0.0
Southport ...		56	49	o	o.c.o	0.0	Southsea ...	0.3					
Midlands.							Bournemouth ...		56	47	o	c.o	1.1
Buxton ...	0.3	54	49	c.r	c.b.c	2.1	Weymouth ...		59	48	o.c.b.c	bc.c	1.3
Leamington Spa ...		56	47	bc	o	0.7	Exmouth ...		55	33	bc	bc	1.6
Malvern ...		55	51	bc	c.b.c	0.3	Teignmouth ...		58	51	c.b.c	bc	2.4
Ross-on-Wye ...		55	51	c.o	c.o	0.0	Torquay ...		58	47	o	c.b.c	4.0
Wales.							Paignton ...	0.3	58	50	c.b.c	bc	3.5
Rhyl ...		58	54	c	o	0.3	Plymouth ...						
Colwyn Bay ...		58	54	c	o	0.2	Falmouth ...		57	50	o.c	c.b	3.2
Llandudno ...		57	54	o	o	0.2	Penzance ...	0.3	57	52	c	bc	3.5
Bettws-y-Coed ...							Bude ...		57	52	o.c.o	o.c	0.5
Aberystwyth ...		55	52	o.c	c.o	0.0	Ilfracombe ...		57	52	o.c.o	o.c	0.5
Tenby ...	0.3	56	52	bc.o	bc.o	0.7	Weston-super-Mare ...						
Swansea ...	1	55	52	cd	cd	0.0							
England, E.													
Cromer ...		58	50	bc	bc	3.1							
Lowestoft ...		58	47	c.b.c	bc	3.4							
Felixstowe ...		55	45	bc	bc	1.7							
Walton-on-Naze ...		58	47	bc.o	o.c.g.o	0.5							
Southend-on-Sea ...	0.3	58	47	c.b.c	bc.c	1.8							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
				Max.	Min.													Max.		Min.
%	%	Hr.	F.	F.	F.	mm.				mm.	F.	F.	F.				Hr.			
Greenwich (Royal Obs.) ...	71	73	0.4	58	49	42	-	o	o	o.b.c	Dublin to 4 p.m.							*		
City (Banhill Row) ...	*	*	0.1	*	*	*	*	*	*	*	Darwen to 9 p.m.	1	54	50	48	od.w	ou	ou.cr	0.0	
Westminster (St. James's Pl.)	70	70	0.3	60	51	44	-	bc.o	w.b.c	bc	Manchester "	Trace	56	53	*	p.o	o	o		
Camden Sq. (Brit. Rainfall)	71	72	0.4	58	49	45	-	o.c	c.o	*	Birmingham "		56	50	48	o	o.c	o.c	0.3	
Hampstead (Reservoir) ...	*	74	0.0	55	47	38	-	c.o	bc	bc	Oxford to 8 p.m.	*						*		
Richmond Park	*	*	0.5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.												
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				26.7 Joules		8.1 Milliwatts.		30 Milliwatts.												
S. Kensington (Roof of M.O.)	68	68	0.2							S. Kensington (Museum Grounds to 8 p.m.)										

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

10th Nov. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.16	G.M.T. 11.37	G.M.T. 4.3
Greenwich ...	7.11	11.44	4.17
Wick ...	7.51	11.56	4.1
Valencia ...	7.53	12.25	4.37

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 55° or above over the greater part of the United Kingdom and remained high for the time of year through the night. Rain fell in the west and north, but little or none elsewhere. The bright sunshine records were very slight except at a few places in the south-west and south.

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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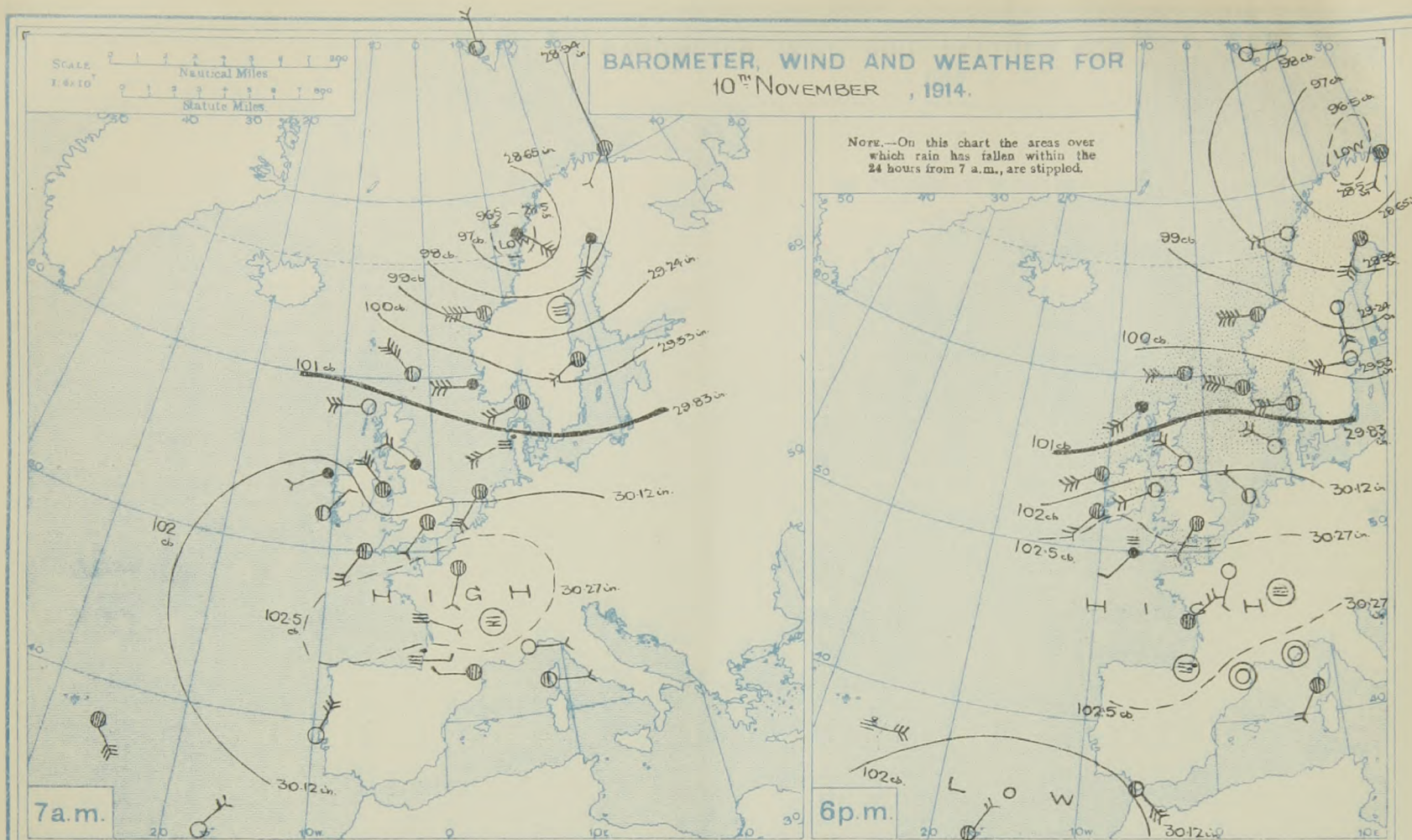


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

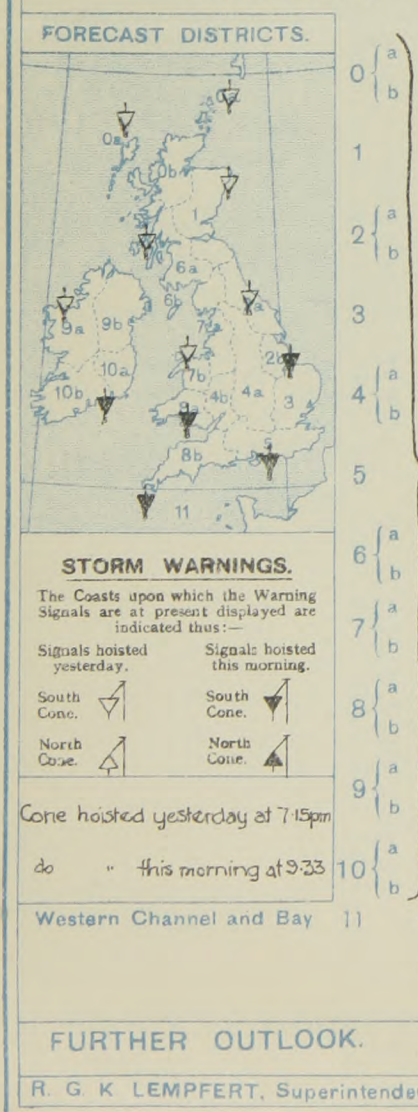
Wednesday,  
11th November, 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.  Hours.
	Barom. Milli- bars at M.S.L.	Temp.  ° F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.																						
Lerwick	1004.4	47	W	5	bc, r	977.6	-3	45	-2	SW	9	-	og	?	15	47	43	bc, r	bc, r	op, r	3.6	
Deerness	1006.8	45	SSW	4	o	984.1	*	46	+1	WSW	9	-	ou	6	5	50	40	bc, b	bc, b	op		
Stornoway	1004.3	47	SW	6	o, r													bc, r	bc, r			
Castlebay (Barra Isd.)	1007.9	50	SW	7	r													bc, b	bc, b			
Glasgow	1015.4	47	SW	4	b	1001.8	-3	46	+1	W	5	-	o	*	6	49	42	bc, b	bc, b	og, r	4.3	
Esksdalemuir	1018.2	42	SW	5	b	1004.8	-5	44	+1	WSW	5	-	o	*	11	48	39	bc, c	c, bc	bc, c	6.4	
Malin Head	1012.4	48	WSW	7	bc, r	1003.4	-3	50	+2	W	9	-	op, r	*	2	51	46	bc, r	bc, r	op, r	4.6	
Markree Castle	1017.9	47	SSW	5	c	1009.5	*	50	+10	WNW	3	-	o	*	3	*	*	c, b	c, b	op, r	5.4	
Blacksod Point	1015.6	50	WSW	6	c	1003.2	-3	51	+4	WSW	7	W	op, r	6	1	54	47	om, b	bc, r	om, r	*	
Valencia	1024.9	49	SW	2	c	1018.7	-3	55	+8	SW	6	-	o	5	-	55	45	bc, r	bc, r	o	6.1	
Roche's Point	1025.5	50	W	1	b	1018.9	*	54	+3	WSW	4	-	o	4	-	55	48	c, b	b	b, og	*	
Birr Castle	1022.8	46	SW	1	bc	1012.7	*	50	+6	W	3	-	r	*	4	53	41	bc	bc	c, o	6.6	
Donaghadee	1018.4	45	SW	4	bc, r	1006.4	-4	49	+2	WNW	7	-	og, r	5	1	51	44	bc, r	bc, r	om, r	*	
Liverpool (Bidston)	1022.7	45	WSW	3	b	1009.9	-5	52	+3	SW	7	SW	og	5	1	54	43	d, c, b	b	bc, r	4.5	
Holyhead	1022.4	49	WSW	4	b	1011.3	-5	53	0	WSW	6	-	om, r	5	0.4	54	48	p, o, c, bc	bc, b	b, bc, r	4.9	
Pembroke (St. Ann's)	1024.6	55	SW	2	bc	1017.7	-3	54	+1	WSW	6	-	og	5	0.1	55	47	o, om	c	bc, r	3.0	
Newquay	1025.0	50	S	2	b													o	o, p, r, b			
Scilly (St. Mary's)	1025.5	54	SW	1	fd	1023.6	-4	53	-1	W	6	W	og	5	2	57	52	o	om	cp, om	0.0	
Falmouth	1025.6	52	WNW	1	o	1022.8	-2	52	-2	W	4	-	bc	4	Trace	58	49	o	oe	od, c	0.1	
Jersey (St. Aubin)	1027.5	51	S	3	om	1024.2	*	56	+6	WSW	5	W	og	4	0.1	58	48	om, c, o	om, d	om, og	0.5	
Portland Bill	1024.5	56	WSW	4	bc	1021.0	-2	55	+1	WSW	5	W	cu	4	0.3	58	52	c, o	og	bc, r	*	
Dungeness	1023.7	53	SW	3	bc	1018.4	-3	54	-1	SW	5	SW	op	4	0.4	58	52	o, bc	bc	bc, r	1.4	
Dover	1024.8	53	SW	2	o	1017.1	*	53	0	SW	5	SW	c	6	-	57	50	o, c, b, bc	c, o	o, c, b, bc		
Wick	1008.3	44	W	3	bc	983.3	-5	42	+2	W	4	-	o	?	4	47	39	bc, r	bc	om, r	5.5	
Nairn	1008.6	45	SSW	1	bc	994.2	*	42	+1	W	4	-	bc, r	3	5	47	38	bc, r	bc	og		
Aberdeen	1013.1	45	S	3	bc	996.2	-2	43	-2	SW	4	-	b	2	1	50	43	b	b, bc	b, og, r	6.4	
Leith	1016.0	47	WSW	4	b	1000.9	-4	48	+1	WSW	4	-	c	2	4	51	44	b	b	og	*	
Tynemouth	1019.2	47	NW	4	bm	1003.9	-6	50	+1	W	6	W	og	3	1	52	44	b	b	op, r		
Spurn Head	1023.6	49	WSW	3	bc	1003.6	-4	49	-3	WSW	6	W	og	5	-	53	44	bc	bc	bc	2.0	
Yarmouth	1022.9	49	W	1	f	1013.8	-8	48	-1	SW	4	-	bc	1	Trace	56	48	bc, r	cm, f	bm, bc	0.6	
Clacton-on-Sea	1023.1	53	WSW	1	om	1015.8	-3	50	-2	SW	4	-	c	3	-	57	48	o, c	c, om	o, bc, r	0.9	
Nottingham	1023.0	45	SW	1	bc	1012.2	*	50	-3	SW	5	SW	o	*	-	55	40	c, om	om, bc	bc, b	0.6	
Bath	1024.7	53	WSW	1	o	1018.6	-4	50	+3	WSW	3	W	o	*	0.2	57	43	od	d, o, c	c, bc, o	0.2	
London (Kew Obsv.)	1024.1	54	SW	2	o	1017.8	-5	51	-2	WSW	4	W	o	*	-	57	50	o, bc, o	o, om, o	o, om, o	1.4	
ICELAND, FAEROE, &c.																						
Spitsbergen	981.0	3	E	1	b	985.6	+4	11	+1	NE	9	*	S	*	*	11	-4	GALES.				
Isafjord																		Duration and Extreme Force				
Reykjavik																		in British Islands.				
Vestmanna																		Lerwick				
Seydisfjord																		10pm. SSW. 3.				
Thorshavn																		Glasgow				
NORTHERN EUROPE.																						
Vardö	965.9	36	SW	3	o	968.2	+3	39	+3	NW	8	-	r	5	*	39	23	10pm - between Midt + Tam SW. 8				
Bodö	977.5	43	W	4	b	980.8	0	37	-2	SW	4	-	r	2	16	43	36	Esksdalemuir				
Christiansund	992.4	45	W	9	c	980.0	-13	43	-2	SE	1	-	o	4	9	45	41	10pm gust SW 24mps (9)				
Skudesnaes	1007.9	46	WNW	9	o	988.0	-8	46	0	W	9	-	o	7	12	46	39	Malin Head				
Færder (X'ania Fjord)	1003.3	45	WSW	6	b	990.9	-16	45	-3	SSW	7	-	o	4	Trace	48	45	7pm - Tam. W. 9 between 9pm - Midt				
The Scaw (Skagen)	1008.3	48	W	7	bc	996.0	-10	45	-3	NNW	6	-	r	5	2	50	45	Donaghadee.				
Blaavands Huk	1016.7	48	NW	4	b	1003.8	-5	50	-2	N	8	-	r	5	1	52	46	9pm - 4am. SW. 8				
Haparanda	970.1	41	SW	6	o	973.8	+7	30	-7	WSW	8	-	o	*	2	43	30	Nairn				
Hernösand	987.1	43	S	4	b	988.8	0	37	+3	SW	2	-	b	*	-	45	32	11pm - 4am. W. 8.				
Stockholm	995.4	45	W	6	b	994.9	+4	39	-13	WSW	2	-	o	*	-	52	37	Aberdeen.				
Wisby	1000.0	48	WSW	6	b	1002.7	-2	45	-5	WSW	8	-	o	*	-	50	43	Midt. gust SW 25mps (10)				
Karlstad	1000.2	43	WSW	2	b	994.9	-11	41	-7	WSW	4	-	r	*	Trace	52	39	Deerness				
St. Petersburg																		7am. W.S.W. 3.				
FRANCE, &c.																						
The Helder	1022.3	52	NW	2	b	1011.9	-7	52	-2	SW	7	-	c	4	-	54	50					
Brussels	*	*	*	*	*																	
C. Gris Nez	1025.0	57	SW	6	o	1018.1	-4	56	+4	WSW	7	*	r	5	2	57	54					
La Hève	1027.8	48	SSW	2	r	1023.8	*	50	+9	SW	5	*	f	4	-	59	39					
Ushant	1027.4	55	W	3	bc	1028.3	*	55	+1	W	4	*	o	3	-	57	48					
Brest (St. Mathieu)	1028.4	57	W	3	o	1027.3	+2	51	-2	W	3	*	o	3	-	61	48					
Rochefort (Ile d'Aix)	1028.0	43	ENE	3	o	1028.6	-0	39	-2	ENE	3	*	o	*	-	45	39					
Biarritz	1026.7	48	-	0	m	1027.1	-1	50	+8	SE	2	*	o	*	-	55	46					
Paris	1028.1	41	SSW	1	o	1026.4	-1	41	+4	SSW	2	-	o	*	-	41	37					
Belfort	1028.8	38	-	0	f	1027.1	*	36	-	0	*	*	f	*	-	43	36					
Lyons	*	*	*	*	*																	
Nice	1023.5	53	-	0	b	1022.6	0	50	+1	-	0	*	b	2	-	63	48					
Perpignan	1023.9	48	-	0	b	1022.7	-1	54	+11	NW	4	-	b	*	-	59	43					
Sanguinaire	*	63	SW	3	c	*	*	59	0	E	2	*	bc	3	-	70	54					
SOUTHERN EUROPE.																						
Corunna (7 a.m.)																						
Madrid (8 a.m.)																						
Lisbon (9 a.m.)																						
Gibraltar	1020.0	62	SE	5	bc	1021.0	*	61		ESE	3	-	bc	2	-	65	60					
Rome																						
AZORES, &c.																						
Azores (Horta, 8 a.m.)	1019.9	68	NE	3	bc	1022.6	+1	63	0	?	?	N	bc	?	-	72	63					
Madeira (Funchal)																						





FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.



Wind mainly from the Westward, fresh to strong or high to a gale at times; mostly cloudy or overcast, some rain, fairer intervals; mild, then becoming cooler

Wind mainly from the Westward, fresh to strong or high to a gale at times; mostly cloudy or overcast, some rain, fairer intervals; sea rough.

Millibars

1050

1040

1030

1020

1010

1000

990

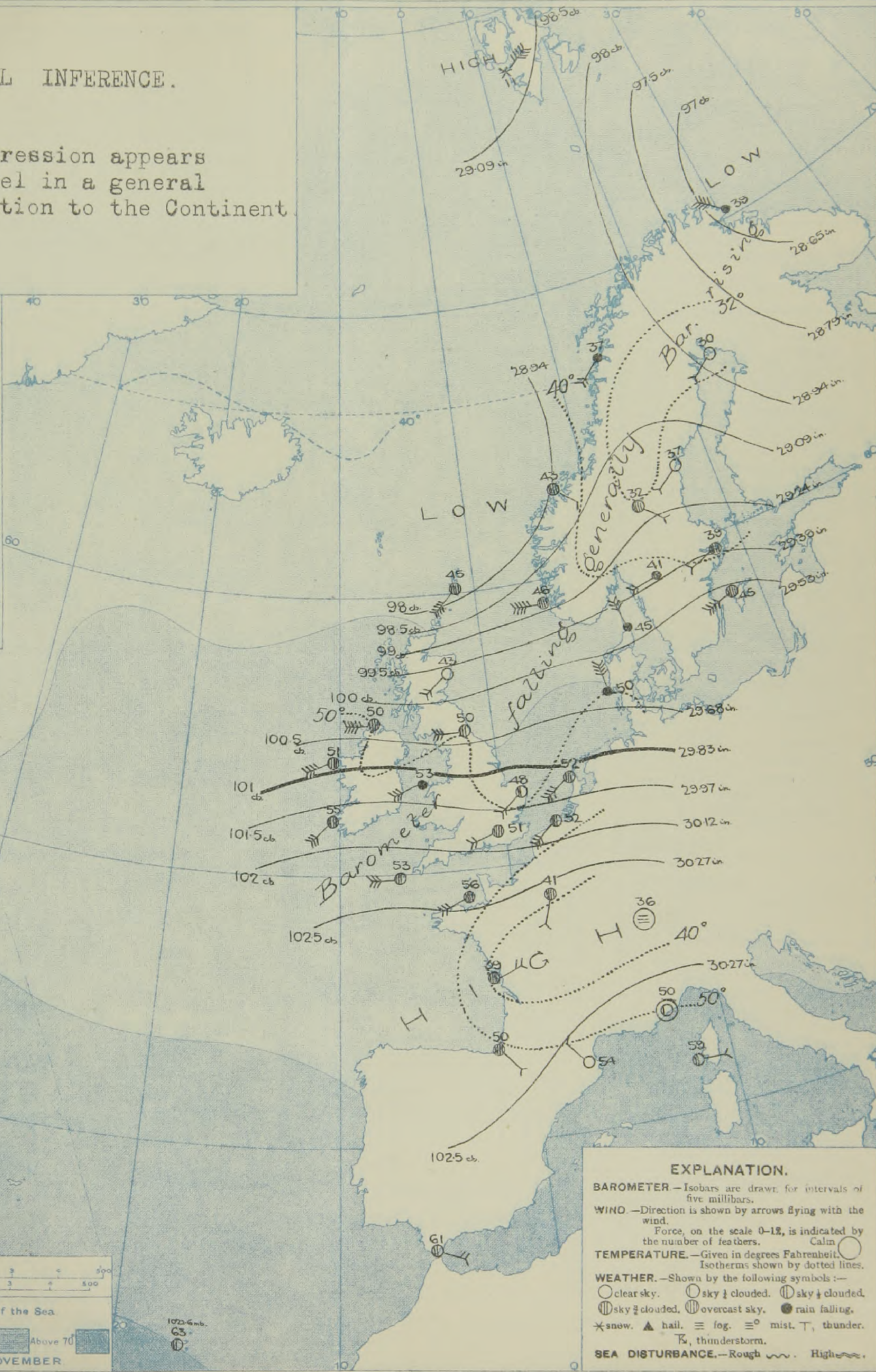
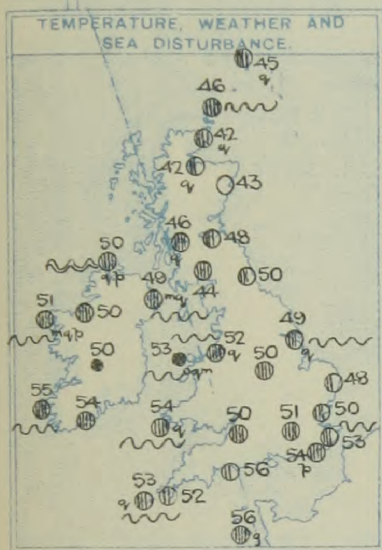
980

970



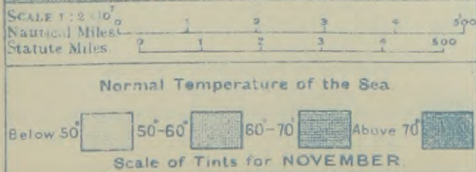
GENERAL INFERENCE.

The depression appears likely to travel in a general easterly direction to the Continent.



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.  
T, thunderstorm.
- SEA DISTURBANCE.**—Rough wavy. High





## DAILY WEATHER REPORT.

Wednesday, 11th. November, 1914.

REPORTS  
FOR  
YESTERDAY.

10th. November.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.		TEMP. Max. Min.	
	BAROM. Milli-bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.						
			Direc.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.								
Petrograd ...	1010.6	28	SE.	1	f	1003.5	+7	36	+13	S	2	-	f	*	-	36	23		
Lyons ...	1028.4	41	-	0	o	1029.0	*	37		-	0	-	f	*	-	50	37		
Lisbon ...	1077.2	63	NNE.	4	b	1021.0	+1	54	-1	NNE.	5	-	b	5	-	64	54		
Funchal ...	1015.7	63	NE	3	c	1077.6	0	63		NE.	3	N	b	3	-	72	63		

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.													
		Max.	Min.	Forenoon.	Afternoon.														
Scotland.																			
Oban ...																			
Banff ...	2	59	40	b	b	6.0													
Carnoustie ...																			
St. Andrews ...																			
Eng. N.E.																			
Harrogate ...	2	53	46	o.c.b	b	4.5													
Scarborough ...		54	47	c.b	o.c	4.5													
Skegness ...		54	45	o.c	c.b.c.b	0.7													
Eng. N.W.																			
Douglas (I. of M.) ...																			
Morecambe ...	5	54	49	b.c.b	b.b.c	5.1													
Blackpool ...	3	56	48	o.c	b.c.c	5.2													
Southport ...	3	53	48	c.b.c	b.b.c	5.3													
Midlands.																			
Buxton ...	4	51	45	-	-	0.8													
Leamington Spa ...		55	50	o	o	3.0													
Malvern ...		55	46	b.c.c	c	1.4													
Ross-on-Wye ...		57	47	o.b.c	c	1.0													
Wales.																			
Rhyl ...	3	47	44	c	b.c.c	3.8													
Colwyn Bay ...	6	53	45	r.c	b.c	3.0													
Llandudno ...	13	56	46	c.b	b	3.7													
Bettws-y-Coed ...	4	53	50	r.o.c	c.b.c	2.7													
Aberystwyth ...	4	53	50	r.o.c	c.b.c	2.7													
Tenby ...	0.3	56	52	o	b.c.o	2.8													
Swansea ...	4	55	50	d	d.b.c.b	1.3													
England, E.																			
Cromer ...		54	47	c	c	0.7													
Lowestoft ...		56	47	b.c.c	c.b.c	0.6													
Felixstowe ...		57	49	cm	cm	1.0													
Walton-on-Naze ...		57	48	b.b.c.c	c.o.c	0.7													
Southend-on-Sea ...		57	49	b.c.c	o	1.3													
England, S.E.																			
Tunbridge Wells ...		59	49	m.b.c	om	1.9													
Margate ...		58	48	c.b.c.c	c.o	1.0													
Ramsgate ...		57	46	o	o	0.7													
Folkestone ...		59	50	c	o.b.c.c	1.3													
Littlestone ...																			
Hastings ...		59	51	o.b.c	o.c	1.1													
Bexhill-on-Sea ...		59	52	c	c	1.3													
Eastbourne ...		58	52	q.f.c	b.b.c.o	1.5													
Seaford ...		57	53	c	c	0.4													
Brighton ...		58	53	o.c.o	o	0.9													
Worthing ...		59	52	c	b.c	1.6													
Littlehampton ...																			
Bognor ...		58	53	c.b.c	o	1.8													
Southsea ...		59	53	o	o	1.0													
Bournemouth ...		57	50	o	o.b	0.5													
England, S.W.																			
Weymouth ...		59	54	c	c.b.c	0.2													
Exmouth ...		59	50	c	c	0.7													
Teignmouth ...	9 p.m.	59	50	c	b.b.c	0.5													
Torquay ...		58	51	o	c.o	0.7													
Paignton ...																			
Plymouth ...																			
Falmouth ...		58	50	o	oe	0.1													
Penzance ...		58	51	c	c.f	0.0													
Bude ...																			
Ilfracombe ...		57	50	od.o	o.c.b.c	0.6													
Weston-super-Mare ...		58	48	c.r	o	0.0													

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	Hr.	° F.	° F.	° F.	mm. g			
Greenwich (Royal Obs.) ...	97	81	1.3	58	50	41	0.3	b	c.o.o	o
City (Bunhill Row) ...	*	*	0.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	93	77	1.5	58	50	45	1	b.c.c.c	odu	o
Camden Sq. (Brit. Rainfall)	88	79	0.2	58	49	45	-	b.c.c.o	o.o.m	*
Hampstead (Reservoir) ...	*	84	1.2	55	45	39	-	c.o	c.o	c
Richmond Park ...	*	*	1.4	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	87	77	1.2	213 Joules		6.5 Milliwatts.		26 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm §	° F.	F.	F.				Hr.
Dublin to 4 p.m.	4	51	46	44	or. b	b	bc	*
Darwen to 9 p.m.								
Manchester "	2	53	43	*	or	o. c	c. b	0.8
Birmingham "	-	53	44	46	*	o	o	0.0
Oxford to 8 p.m.	*	55	48	38	cm. o. c	c. ag	ogr. ag	*
S. Kensington (Museum Grounds to 6 p.m.)	0.2	57	51	44	c. bc	bc. o	odg. cm	*

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

11th. 12th. Nov. 1914.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	{ 7.8 7.0	11.37 11.27	4.6 4.4
Greenwich ...	{ 7.12 7.14	11.44 11.44	4.6 4.4
Wick ...	{ 6.3 7.5	11.56 11.56	3.3 3.2
Valencia ...	{ 7.56 7.57	12.25 12.25	4.55 4.53

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 55° in many parts of the Kingdom. Rain fell in most districts, but not heavily, and several hours of bright sunshine were recorded in the north-west and north. Gales were experienced on the most northern and north-western coasts.

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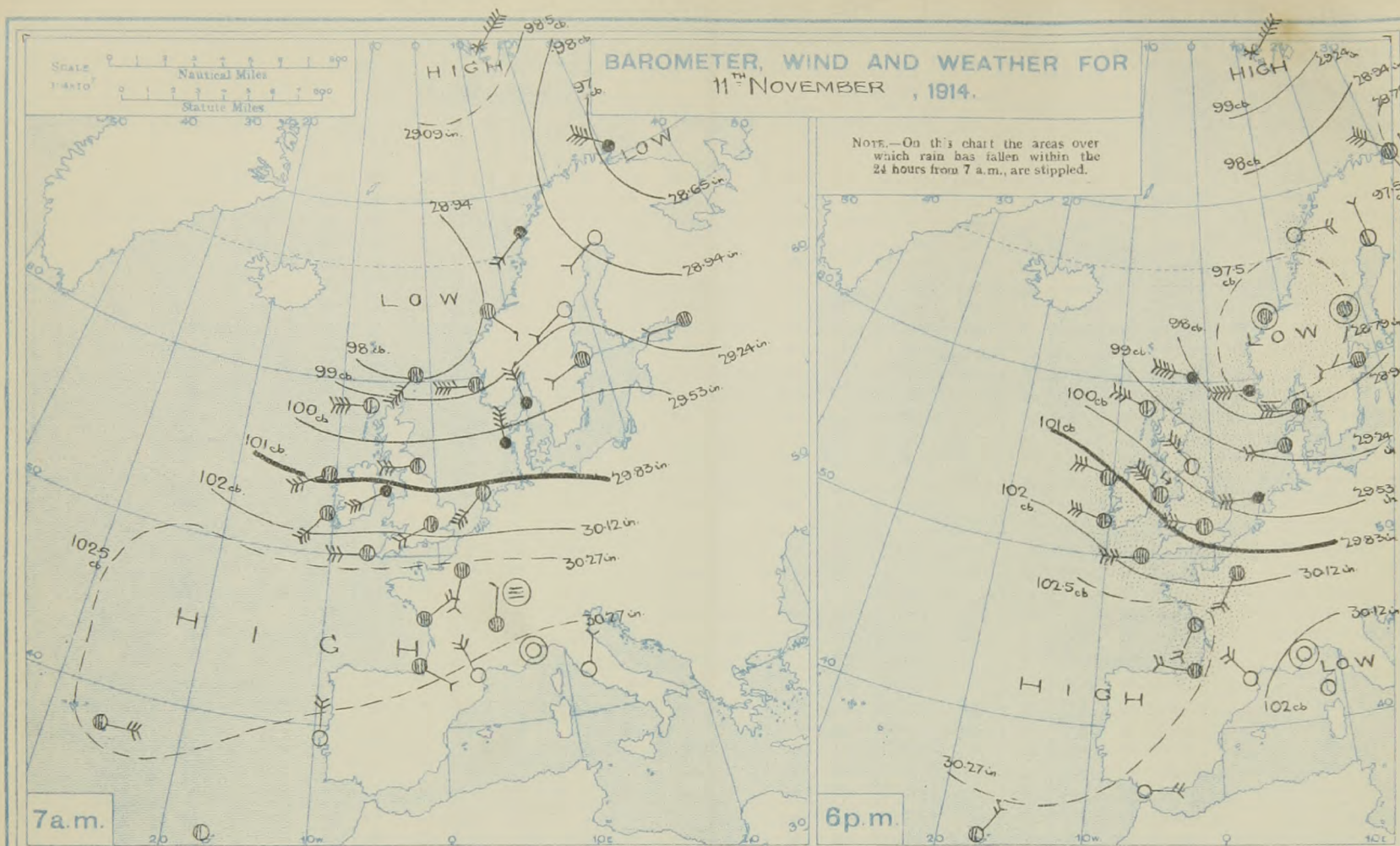


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

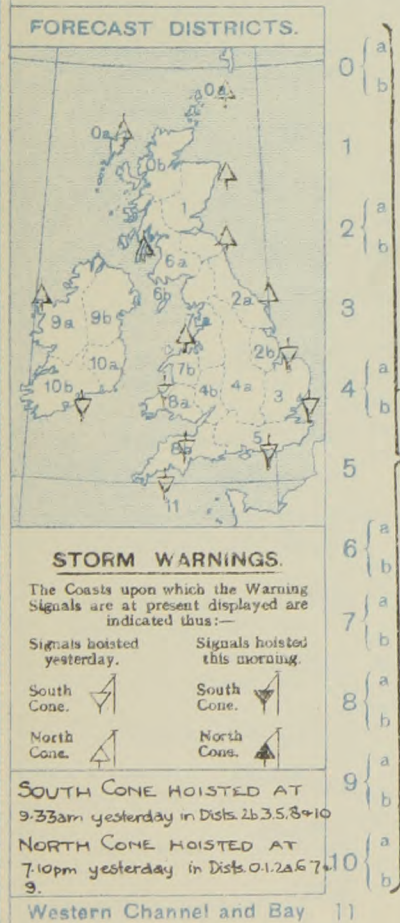
Thursday,  
12th November, 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day. Hours.
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. Dry Bulb. °F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	981.3	41	WNW	10	org	984.4	+2	38	-7	WNW	4	NW	bc	4	10	45	36	org	org	bc	*
	Deerness	987.5	43	WNW	6	cph	996.6	*	40	-6	NW	4	W	bcp	5	6	49	38	op	c.cph	cp.bc	0.0
	Stornoway	996.3	41	WNW	7	bcqhp	1003.3	+3	40	-4	NW	7	-	bcq	6	8	45	37	c.bcp	bq	bcphq	1.2
	Castlebay (Barra Isd.)	1000.9	44	WNW	5	bc	1008.9	+4	44	-2	NW	5	-	op	5	3	47	39	oph.c	c.o.bc	bch.op	1.4
	Glasgow	1000.2	36	NW	6	cq	1005.6	+1	40	-6	W	4	-	org	*	7	46	35	atq	c.cph	chp.bl	0.7
	Eskdalemuir	1000.3	37	WNW	6	bq	1006.1	0	38	-6	WNW	6	-	b	*	6	45	36	c.org	org.og	bcq.cl	0.6
	Malin Head	1003.5	47	WNW	8	c	1010.2	+2	46	-4	WNW	8	NW	cph	8	9	55	40	cq	cq	cq	1.2
	Markree Castle	1011.2	44	NW	5	bc	1016.2	*	46	-4	NW	6	-	r	*	11	+	+	og	ophr	c.ophr	0.0
	Blacksod Point	1013.1	46	WNW	6	omq	1017.6	+3	48	-3	NW	6	N	cq	6	5	50	42	omq.o	majo	omq	*
	Valencia	1019.0	52	WNW	6	c	1022.8	+2	52	-3	W	6	-	cq	5	2	56	48	op	op	op	0.0
	Roche's Point	1016.5	50	NW	5	o	1021.4	*	50	-4	NW	4	NW	bc	3	0.4	57	46	op	op	c.b.bc	*
	Birr Castle	1013.7	45	W	4	o	1018.5	*	44	-6	W	1	-	o	*	4	51	40	or.o	op	o	0.0
	Donaghadee	1002.9	38	WNW	10	omq	1010.2	+1	43	-6	WNW	6	-	cq	5	6	49	38	org	omq	bcq	0.0
	Liverpool (Bldston)	991.2	40	W	7	c	1009.6	0	45	-7	W	7	W	bcq	6	12	52	44	or	og	op	0.0
	Holyhead	1008.0	49	NW	8	cq	1013.3	0	48	-5	WNW	7	NW	cq	7	12	53	46	or.omq	op.cq	cpl.o.c	0.0
	Pembroke (St. Ann's)	1013.1	51	NW	7	bc	1018.1	+1	50	-4	NW	7	NW	cq	6	1	56	46	cq	og	bcx	0.0
	Newquay	1016.3	56	NW	8	o													opd.or	opd		
	Scilly (St. Mary's)	1018.1	55	W	7	omq	1022.3	+1	52	-1	NW	7	NW	cq	7	1	56	50	omq	omq	cq	0.0
	Falmouth	1015.8	56	WNW	6	c	1021.1	+1	47	-5	NW	3	-	bc	4	1	56	47	og	og	op.c	0.0
	Jersey (St. Aubin)	1018.4	55	WSW	6	agq	1019.8	*	49	-7	NW	3	NW	cq	3	3	58	48	og	agq	org.c	0.3
Portland Bill	1010.0	54	W	8	cq	1017.0	+2	49	-6	NW	6	W	bcq	5	1	56	47	c.c	cq	bcq	*	
Dungeness	1004.0	56	SW	9	og	1010.6	+1	42	-12	W	5	W	bq	5	1	57	41	c.c.o	og	cq.bx	*	
Dover	1004.3	54	WSW	7	r	1012.1	+3	42	-11	WNW	6	-	b	5	3	55	39	c.bc	c.o	or.c.bc	0.0	
Wick	990.6	45	WNW	4	r	998.7	+3	38	-4	WNW	4	-	o	4	11	44	35	omphq	omprq	omprh	*	
Nairn	994.5	39	W	4	cu	1002.0	*	38	-4	W	4	-	rgu	4	8	44	36	cq	bc	l.bc.cq	0.4	
Aberdeen	992.8	40	W	6	bq	1000.9	+5	39	-4	W	5	-	bc	3	1	47	37	bq	bq	bq.c	5.1	
Leith	997.8	40	W	3	c	1004.2	+2	40	-8	WSW	3	-	b	*	4	48	38	opq	opq.c	bc	*	
Tynemouth	998.1	42	NW	5	bmq	1004.2	+3	39	-11	W	4	-	b	3	1	50	37	og	og	bmq	*	
Spurn Head	1001.4	46	W	6	bc	1006.9	+2	43	-6	W	6	-	bcq	6	3	51	41	org	or.bcq	bcq	0.0	
Yarmouth	1001.0	47	W	4	o	1007.7	+3	40	-8	W	4	-	b	2	10	54	37	bc.c	og	b.o	0.0	
Clacton-on-Sea	1003.8	50	WNW	5	og	1010.0	+2	41	-9	W	3	NW	bc	2	7	54	41	c.o	og	bc	0.0	
Nottingham	1004.4	44	WNW	6	r	1010.0	*	42	-8	W	4	W	c	*	15	53	39	omr	or	r.op.b	0.0	
Bath	1009.5	51	WNW	4	o	1015.9	+	43	-7	WNW	2	NW	b	*	1	58	42	org	r.og	q.o.bc	0.0	
London (Kew Obsy.)	1006.4	51	WNW	6	og	1013.1	+2	43	-8	WSW	3	NW	b	*	11	55	42	o.og	og.og	org.bx	0.0	
ICELAND, FAEROE, &c.	Spitsbergen	994.6	2	NE	3	S	999.0	0	0	-11	NE	6	*	o	*	*	11	0	GALES.			
	Isafjord												*	o	*	*	*	*	Duration and Extremes in British Isles.			
	Reykjavik												*	o	*	*	*	*	Southport 11th 10am-2pm 4pm-Mid 9			
	Vestmanna												*	o	*	*	*	*	12th Mid-8am WNW 9, gusts 31mps (11)			
	Seydisfjord												*	o	*	*	*	*	Lerwick			
	Thorshavn												*	o	*	*	*	*	11th 7am-10pm WNW 10 during day			
NORTHERN EUROPE.	Vardö	975.0	36	NW	8	o	976.6	0	36	-3	N	5	-	r	4	*	39	32	Deerness			
	Bodö	976.7	37	E	4	b	975.9	+1	32	-5	E	2	-	b	2	*	37	28	11th 8am WSW 8			
	Christiansund	970.7	43	-	0	o	978.1	+3	43	0	NE	1	-	c	3	-	46	37	Stornoway			
	Skudesnaes	973.0	45	W	11	r	983.5	+	43	-3	NNW	10	-	c	5	3	48	39	11th 7am W 8			
	Færder (X'ania Fjord)	975.3	45	WSW	7	b	974.6	+7	39	-6	NNW	6	-	c	4	-	46	39	Glasgow			
	The Scavs (Skagen)	982.0	45	W	7	c	973.6	+5	43	-2	NNW	7	-	bc	5	11	48	41	11th 10am-Noon W 8, squalls 9 at 11am			
	Blaavands Huk	988.0	46	W	4	o	986.0	+4	46	-4	NW	10	-	o	7	Trace	52	41	Eskdalemuir			
	Haparanda	979.3	37	N	2	bc	978.9	0	23	-7	N	2	-	o	*	-	37	23	11th 2.20pm gust W 21mps (9)			
	Hernösand	975.0	36	-	0	o	974.1	+2	36	-1	N	4	-	r	*	12	37	30	12th 3am WNW 8, gust 25mps (10)			
	Stockholm	977.7	43	W	2	o	973.1	0	36	-3	SW	2	-	o	*	1	45	36	Malin Head			
	Wisby	982.3	45	SW	6	o	974.6	-1	43	-2	W	4	-	o	*	4	46	34	11th 7am-12th 7am WNW 8, 9 in squalls			
	Karlstad	977.1	41	WSW	4	o	972.4	+	41	0	-	0	-	r	*	3	45	41	Markree Castle "North-westerly gale"			
St. Petersburg																						
FRANCE, &c.	The Helder	997.6	48	W	6	r	1001.1	+2	48	-4	WNW	7	-	c	7	12	54	46	Donaghadee			
	Brussels																		11th 10am-Noon WNW 8			
	C. Gris Nez	1004.2	57	WSW	8	o	1011.0	+2	46	-10	WNW	7	*	b	7	2	57	46	11th 5pm-Mid WNW 10, 11 at 5pm			
	La Hève	1015.1	53	WSW	7	o	1017.0	*	48	-2	NW	5	*	c	6	2	57	41	Holyhead			
	Ushant																		11th 8am WNW 8 gust 28mps (10)			
	Brest (St. Mathieu)	1022.9	53	W	4	o	1023.7	+1	52	+1	NNW	4	*	c	4	1	59	50	2pm NW 3, gust 27mps (10)			
	Rochefort (Ile d'Aix)	1026.1	48	SSW	3	bc	1021.2	+1	53	+14	NNW	5	*	c	*	4	53	39	Newquay			
	Biarritz	1027.4	55	WNW	3	o	1025.3	-1	55	+5	W	4	*	r	4	2	55	50	11th 6pm NW 8			
	Paris	1017.3	48	SSW	4	o	1016.0	+2	43	+2	W	3	N	b	*	5	52	41	Scilly			
	Belfort																		11th 6pm-11pm WNW 8			
Lyons																		Portland Bill				
Nice	1019.8	50	-	0	b	1004.3	0	51	+1	-	0	*	c	2	-	63	46	11th 1pm-Mid WSW 8				
Perpignan	1021.6	50	NW	4	b	1018.6	-1	57	+3	WNW	5	NW	o	*	-	63	48	Dungeness				
Sanguinaire																		11th 11am-8pm SW 3 at 7pm				
SOUTHERN EUROPE.	Corunna (7 a.m.)																	Dover				
	Madrid (8 a.m.)																	11th 7pm-10pm 4pm-Mid W 23mps (9)				
	Lisbon (9 a.m.)																	Aberdeen				
	Gibraltar	1024.0	60	E	3	b	1022.3</															





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



Wind between North-West and West, strong or high at times, then moderating gradually; weather rather variable, some squalls and showers, but mostly fair; temperature moderately low, frost on ground locally in night.

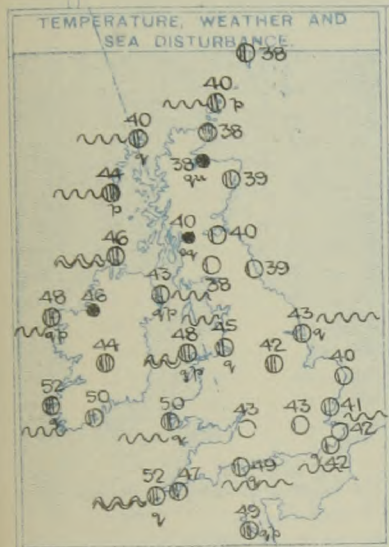
North-Westerly to Westerly winds, strong to moderate; sea rough; mostly fair, some squalls and showers

**FURTHER OUTLOOK.**



# GENERAL INFERENCE.

Local irregularities of pressure are likely to cause further squalls and showers, but there are no indications of the approach of any other large depression.



Miles.

1050

1040

1030

1020

1010

1000

990

980

970

29

SCALE 1:2-10<sup>7</sup>  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea

Below 50 50-60 60-70 Above 70

Scale of Tints for NOVEMBER.

Barometer

H I G H

## 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.

Isobars shown by dotted lines

WEATHER.—Shown by the following symbols:—

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

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

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

⚡, thunderstorm.

SEA DISTURBANCE.—Rough ~~~~ High ~~~~



# DAILY WEATHER REPORT.

Thursday, 12th November, 1914.

## REPORTS FOR YESTERDAY.

11th November.

Stornoway ...  
Castlebay ...  
Petrograd ...  
Lyons ...  
Rome ...  
Lisbon ...  
Horta ...

EVENING OBSERVATIONS.				
STATIONS.	Barom. Milli-bars at M.S.L.	TEMP.	WIND.	Weather.
			Dirac. Force 0-12.	

OBSERVATIONS AT 7 A.M., G.M.T.									
STATIONS.	Barom. Milli-bars at M.S.L.	TEMP.	WIND.	Dirac. Force 0-12.	Weather.	Sea 0-9.	Rain fall. Milli-metres.	TEMP.	
								Max.	Min.

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
		mm. &	° F.	° F.			Hrs.			mm. &	° F.	° F.			Hrs.	
Scotland.	{ Oban ... ..							England, S.E.	{ Tunbridge Wells ... ..							
	{ Banff ... ..	3	45	37	r. b. c. p.	b. h. l. o. g.	2.1		{ Margate ... ..	5	56	50	c. o	o. r	0.0	
	{ Carnoustie ... ..				*	*			{ Ramsgate ... ..	?	54	47	o	or	0.0	
	{ St. Andrews ... ..	2	48	39	*	*	2.4		{ Folkestone ... ..	-	56	51	o. c	o	0.0	
Engl. N.E.	{ Harrogate ... ..	17	48	39	org.	op. c. b	0.0	England, S.E.	{ Littlestone ... ..	*	57	51	* c	*	0.1	
	{ Scarborough ... ..	*	57	43	o. c	o. c	0.0		{ Hastings ... ..	1	57	51	op. c	o	0.1	
	{ Skegness ... ..	7	52	41	or	r. or	0.0		{ Bexhill-on-Sea ... ..	2	56	52	c	or	2.1	
	{ Douglas (I. of M.) ... ..								{ Eastbourne ... ..	1	57	53	og	og	0.0	
Engl. N.W.	{ Morecambe ... ..	13	50	45	odg.	odg.	0.0	England, S.E.	{ Seaford ... ..	-	57	48	c	c	0.0	
	{ Blackpool ... ..	15	54	44	org.	org.	0.0		{ Brighton ... ..	-	56	50	c. o	o	0.0	
	{ Southport ... ..	9	51	44	or. c	c. oprh	0.0		{ Worthing ... ..	0.3	56	51	o	or	0.0	
	{ Buxton ... ..	21	49	39	r	c	0.0		{ Littlehampton ... ..							
Midlands.	{ Leamington Spa ... ..	6	55	40	o	or	0.0	England, S.E.	{ Bognor ... ..	1	57	51	-	-	0.0	
	{ Maivern ... ..	4	56	46	c	p. c	0.0		{ Southsea ... ..	-	56	52	o	o	0.0	
	{ Ross-on-Wye ... ..	2	56	42	o	or	0.0		{ Bournemouth ... ..	1	56	49	o	o	0.1	
	{ Rhyll ... ..	14	52	38	rg	g	0.0		England, S.W.	{ Weymouth ... ..	-	58	49	b	bc. op	0.0
Wales.	{ Colwyn Bay ... ..	16	50	44	op	op	0.0	{ Exmouth ... ..								
	{ Llandudno ... ..	16	53	46	or	or	0.0	{ Teignmouth ... ..		9pm.	0.3	57	51	bc. c	o. or	0.0
	{ Bettws-y-Coed ... ..							{ Torquay ... ..		-	57	52	c. o	o	0.0	
	{ Aberystwyth ... ..	3	55	44	o. cr	r. or	0.0	{ Paignton ... ..	-	57	50	c. o	o	0.0		
England, E.	{ Tenby ... ..	3	58	39	op	op	0.0	England, S.W.	{ Plymouth ... ..							
	{ Swansea ... ..	7	51	45	or	r	0.0		{ Falmouth ... ..	0.3	56	50	og.	og.	0.0	
	{ Cromer ... ..	4	53	43	o. cr	o. cr	0.0		{ Penzance ... ..	1	57	52	o	c. o	0.0	
	{ Lowestoft ... ..	7	55	46	o	ogr	0.0		{ Bude ... ..							
England, E.	{ Felixstowe ... ..	4	54	48	cm	cr	0.0	England, S.W.	{ Ilfracombe ... ..	1	57	49	g	g	0.0	
	{ Walton-on-Naze ... ..	5	54	42	o c	c	0.0		{ Weston-super-Mare ... ..	0.3	56	46	o. c	cr	0.0	
	{ Southend-on-Sea ... ..	4	56	48	o	or	0.0									



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
13th November, 1914.

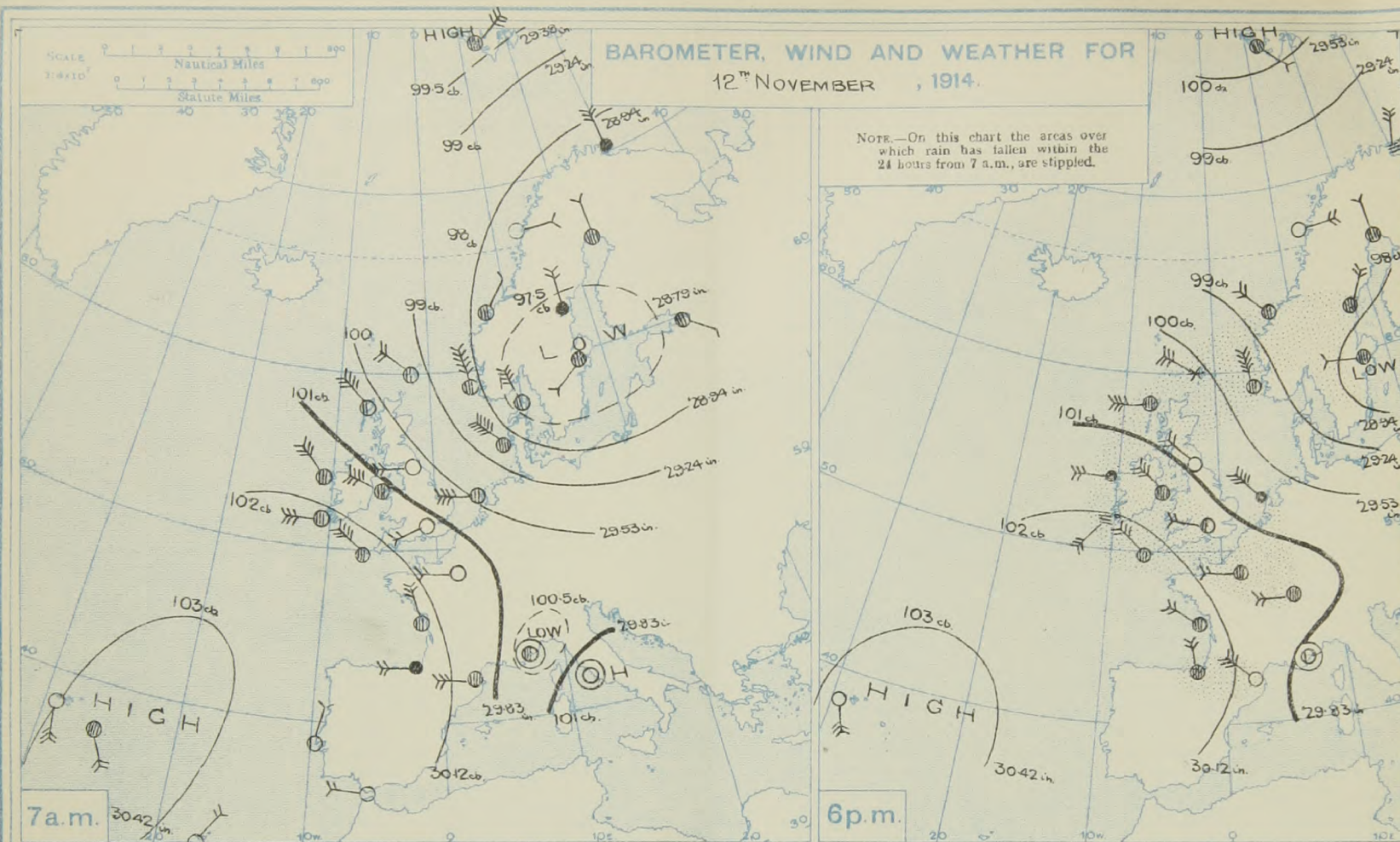
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Max.	Min.	Morning	Afternoon.	Night.		
BRITISH ISLANDS.																					
Lerwick	1001.3	35	NW	6	cqps	985.2	-9	32	-6	NNE	4	-	3	3	4	38	29	bc	cqps	bc.o	*
Deerness	1003.7	36	NW	4	cph	980.3	*	43	+3	W	3	3W	bc	3	5	44	35	cp.c	cph.o	cp.bc	2.9
Stornoway	1006.4	41	W	7	og	984.9	-3	44	-4	W	7	W	bcq	5	9	50	36	c.cq/p	og	o.bcpq	0.3
Castlebay (Barra Isd.)	1009.7	45	W	4	op	989.5	-3	47	+3	W	5	W	c	5	5	52	41	op.c	c.op	op.r.c	0.2
Glasgow	1010.8	41	SW	2	c	988.3	-10	51	+11	WSW	6	-	org	*	8	52	38	bc.b.qp	bcp.c	od.opq	3.8
Eskdalemuir	1011.9	38	W	1	b	989.9	-10	51	+13	WSW	5	-	org	*	9	51	37	bc.cq	cq.bc	bc.co	6.0
Malin Head	1013.3	48	NW	7	cq	992.8	0	44	-2	WSW	9	-	org	8	12	48	41	cq	cq	-	1.8
Markree Castle	1016.2	49	W	2	o	999.0	*	49	+3	NW	7	-	r	*	5	*	*	c.b	o	op	1.8
Blackrod Point	1015.5	52	W	5	omd	1000.0	0	49	+1	WNW	6	-	cpm	5	5	52	47	cmq	cmp	opm	*
Valencia	1022.0	54	SW	4	m	1006.7	-5	56	+4	SW	7	W	om	6	10	56	51	c	om	orm	1.1
Roche's Point	1022.3	52	WNW	2	o	1005.6	*	55	+5	WSW	5	-	o	5	0.4	55	49	o	o	op.o	*
Birr Castle	1019.4	50	W	3	o	1006.1	*	54	+10	W	4	-	r	*	6	55	43	c	c.o	or	2.7
Donaghadee	1013.8	45	WNW	5	cmq	991.9	-7	54	+11	SW	7	-	org	5	2	54	43	bcqp	cmq	ormq	3.2
Liverpool (Bidston)	1014.4	47	W	6	b	998.5	-9	54	+9	SW	5	SW	org	5	1	55	45	opq	bcq	og	*
Holyhead	1016.7	51	NW	6	opq	999.0	-14	54	+6	WSW	6	-	orm	5	2	54	47	cpq	cp.op.c	o.bm.r	1.7
Pembroke (St. Ann's)	1020.1	53	NW	5	c	1005.5	-7	54	+4	WSW	6	SW	opq	6	2	54	48	cq	cq	cq	3.6
Newquay	1021.2	53	WNW	8	c													bc	bc	bc	
Scilly (St. Mary's)	1022.5	53	NW	5	c	1012.8	-6	54	+2	W	6	W	odmq	7	0.2	55	50	cq/p	bc	cq.odm	3.0
Falmouth	1022.3	52	NW	3	o	1012.1	-7	53	+6	WNW	6	-	odq	5	1	54	47	o.c	c.o	odq	3.1
Jersey (St. Aubin)	1020.0	52	NW	4	c	1015.1	*	54	+5	SW	5	SW	opq	4	1	55	49	cq/p	c.bc.b	b.opq	3.4
Portland Bill	1017.8	51	NW	6	bq	1010.7	-8	55	+6	WSW	6	W	ou	5	1	56	49	bcq/p	c.bcq	b.b.c	*
Dunagness	1013.8	43	WNW	4	b	1008.6	-7	54	+12	SW	6	-	ou	5	-	54	41	bcq	bcq	bc.co	*
Dover	1014.6	45	WNW	3	o	1007.8	-7	53	+11	SW	5	W	o	6	-	53	40	b	bc.c.o	o.c.bc	5.8
Wick	1004.3	37	NW	2	o	982.6	-6	44	+6	WSW	3	-	orsq	3	12	44	35	cph	cp.oh	oprh	*
Nairn	1007.4	40	W	2	ou	985.0	*	47	+9	W	7	-	bcq	4	4	50	36	cq/p	bc	cu	0.5
Aberdeen	1006.8	40	W	4	b	984.1	-8	44	+5	WSW	1	-	o	2	2	46	38	bcq/p	bcq/p	b.or	4.3
Leith	1009.9	41	W	2	bc	987.5	-10	54	+14	WSW	6	-	rq	*	4	54	39	b.bc	bc	bc.c.o	*
Tynemouth	1009.4	40	NW	4	bq	990.8	-9	54	+15	WSW	3	SW	cpm	3	-	54	38	bq	bq	og	*
Spurn Head	1011.2	43	WNW	7	bc	999.1	-7	48	+5	SW	5	-	cu	5	-	49	41	bcq	bcq	bcq	6.4
Yarmouth	1010.5	44	W	3	b	1003.6	-11	46	+6	SW	4	SW	o	1	-	48	35	b.bc	bc.b	bc.o	6.0
Clacton-on-Sea	1012.4	45	WNW	5	bc	1006.3	-7	48	+7	SW	4	W	og	4	0.2	49	40	bc.c	cp.bc	bc.cq	3.9
Nottingham	1014.3	45	NW	3	o	1000.7	*	52	+10	W	4	W	o	*	0.3	52	42	c.op	c.o	o.c	2.8
Bath	1017.6	46	NW	1	b	1007.4	-6	53	+10	W	4	W	r	*	0.3	54	43	b.bc.cq	p.c.bc.b	b.bead	5.7
London (Kew Obs.)	1015.4	47	WNW	3	bc	1007.3	-9	51	+8	SW	5	-	o	*	0.3	51	41	b.o.ou	ou.o.bc	bc.b.co	5.1
Spitsbergen	1002.0	-4	SE	2	o	1000.8	*	0	0	E	2	*	c	*	-	1	-4	GALES.			
Isafjord												*	*	*	*	*	*	Duration and Extreme Force in British Islands.			
Reykjavik												*	*	*	*	*	*				
Vestmanna												*	*	*	*	*	*				
Seydisfjord												*	*	*	*	*	*				
Thorshavn												*	*	*	*	*	*				
Vardö	980.3	34	NNE	5	m	982.7	+2	32	-4	NE	5	-	3	3	*	36	32	13th Between Midt + Tam S.W. 8			
Bodö	980.6	30	E	4	b	980.8	0	32	0	E	4	-	c	2	*	34	28				
Christiansund	988.6	34	NW	4	c	984.8	+2	30	-13	SW	1	-	c	4	14	43	27	Malin Head			
Skudesnaes	995.8	39	NNW	10	c	988.7	-5	36	-7	E	2	-	o	4	1	43	34	12th 1pm. NW 8; 13th 7am WSW 9.			
Færder (X'ania Fjord)	986.7	43	NW	4	c	990.1	0	34	-5	WNW	4	-	b	3	-	45	34				
The Scaw (Skagen)†	985.3	45	NNW	5	bc	991.5	-2	37	-6	-	0	-	o	5	-	46	37	Holyhead			
Blaavands Huk †	994.9	43	NW	8	c	996.2	-5	45	-1	W	4	-	o	5	2	46	39	12th 1pm. WNW 8.			
Haparanda	981.7	24	N	2	o	983.4	0	23	0	NNW	2	-	o	*	-	28	23				
Hernösand	982.0	34	NE	4	o	985.0	0	28	-8	-	0	-	bc	*	1	36	27	Newquay			
Stockholm	978.9	37	WNW	2	o	985.3	0	36	0	SW	2	-	o	*	-	41	34	12th 6pm. WNW 8.			
Wisby	978.7	41	WNW	2	r	987.7	+4	41	-2	WNW	6	-	o	*	7	43	36				
Karlstad	983.0	37	N	2	o	987.8	0	30	-11	W	2	-	o	*	3	41	28	Aberdeen			
St. Petersburg													*	*	*	*	*	12th 1pm. Gusts WNW 20mps (8) 2pm. W. 23mps (9)			
The Helder	1005.3	46	NW	7	r	1003.0	-8	48	0	SW	6	-	o	4	8	50	43				
Brussels		*	*	*	*								*	*	*	*	*	Spurn Head			
C. Gris Nez	1014.7	48	WNW	7	b	1009.5	-9	53	+7	WSW	6	*	o	6	-	52	45	12th 11am-3pm. WNW 9 at 2pm.			
La Hève	1016.4	50	SSW	6	c	1015.9	*	50	+2	SW	6	*	r	6	1	53	46				
Ushant												*	*	*	*	*	*	Nottingham			
Brest (St. Mathieu)	1024.8	53	NNW	5	o	1018.0	-3	55	+3	W	5	*	o	4	-	59	52	12th 1pm. W 8			
Rochefort (Ile d'Aix)	1023.3	53	NW	4	o	1022.6	-1	54	+1	W	3	*	o	*	-	57	52				
Biarritz	1025.9	54	N	4	o	1025.6	0	54	-1	WNW	3	*	o	4	8	57	52	Southport			
Paris	1016.7	45	W	3	b	1016.8	-4	43	0	SSW	2	-	o	*	2	54	37	12th 8am-1pm. WNW 9.			
Belfort	1017.3	37	W	4	o	1020.0	*	37		W	4	*	o	*	1	45	37	13th 8am. NW 8 gusts 27mps (10)			
Lyons												*	*	*	*	*	*				
Nice	1005.9	49	-	0	b	1012.3	+4	44	-7	E	1	*	b	*	-	59	41	Eskdalemuir			
Perpignan	1019.1	52	NW	6	b	1020.6	0	53	-4	NW	5	MW	o	*	Trace	61	34	13th 8.20am gust N.W. 27mps (10)			
Sanguinaire		57	NW	7	m		*	60		NW	6	*	b	*	6	63	48				
Corunna (7 a.m.)																					
Madrid (8 a.m.)														*							
Lisbon (9 a.m.)														*							
Gibraltar							*							*							
Rome														*							
Azores (Horta, 8 a.m.)	1032.2	*	SSE	5	b																
Madeira (Funchal)	1025.6	67	NE	3	bc	1025.6	-1	60	-2	NE	3	N	b	3	-	70	59				

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.





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

**FORECAST DISTRICTS.**

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

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

**South Cone hoisted at 8.20 a.m.**

**Western Channel and Bay**

**FURTHER OUTLOOK.**

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

0	a	}	Wind Westerly to North-Westerly, strong or high at times in places, then moderating; cloudy or overcast generally, rain at times; mild, then becoming colder again.
1	b		
2	a	}	South-Westerly to Westerly strong winds or gales, veering towards North-West later; cloudy or overcast generally, rain at times; mild, then becoming colder again.
3	b		
4	a	}	Same as Nos. 0 and 1.
5	b		
6	a	}	Same as Nos. 3 to 5.
7	b		
8	a	}	Same as Nos. 0 and 1.
9	b		
10	a	}	Same as Nos. 3 to 5.
11	b		

Wind between West and North-West, strong to a gale, moderating later; sea rough; some squalls and rain.

**Millibars**

1050

1040

1030

1020

1010

1000

990

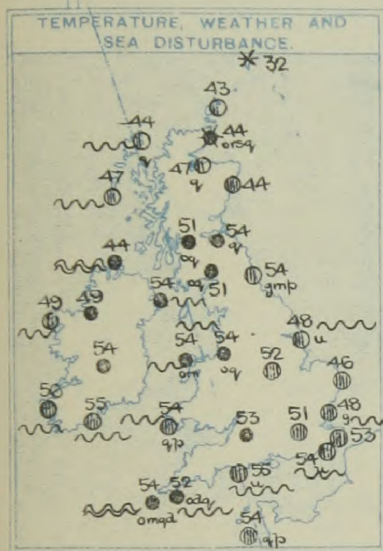
980

970



GENERAL INFERENCE.

Small secondary irregularities of pressure are likely to pass across the Kingdom from the Atlantic.

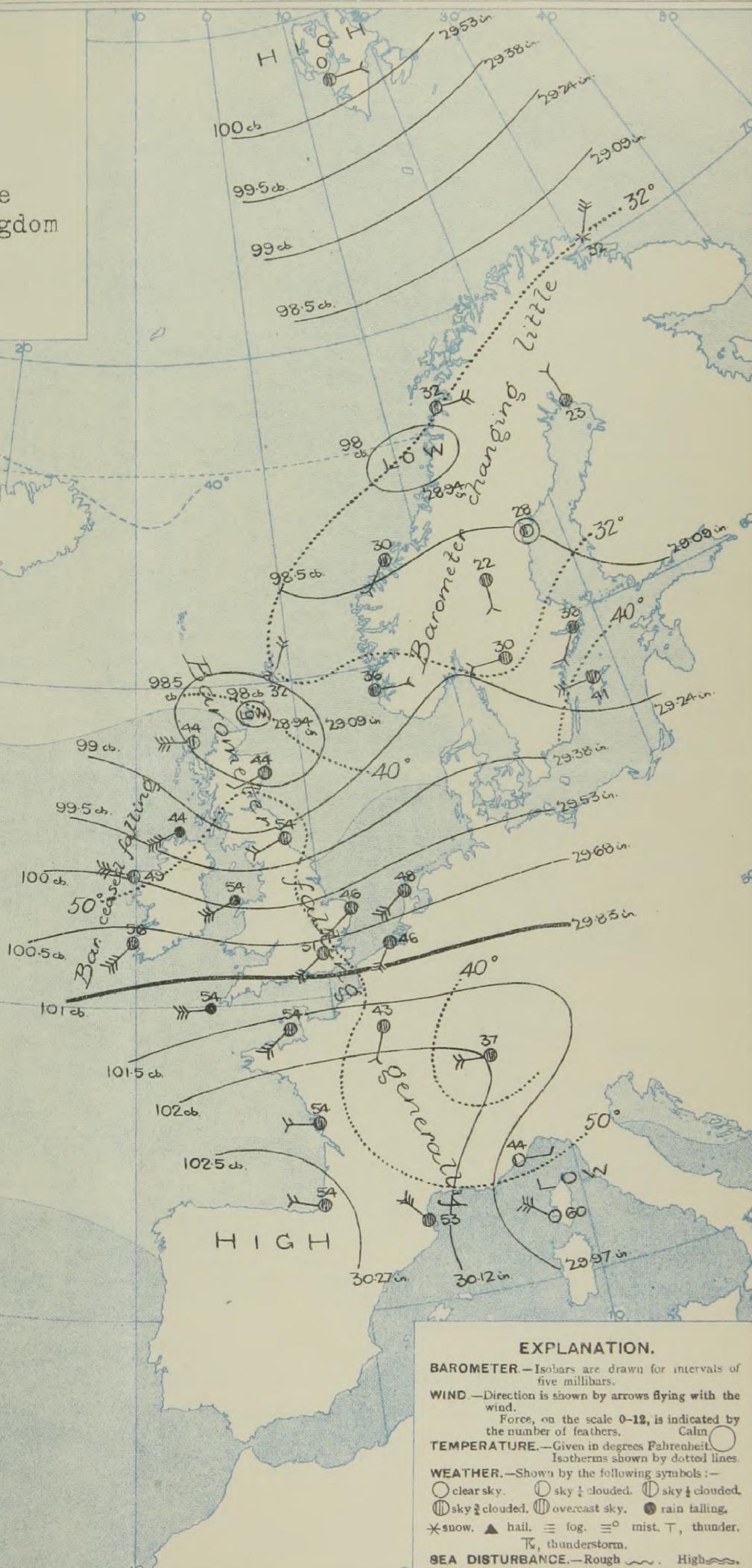
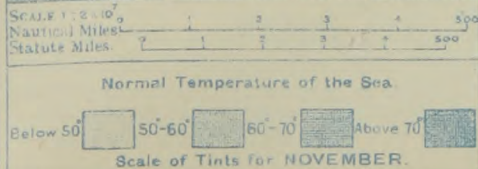


Millinches.

31

30

29



EXPLANATION.

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



## DAILY WEATHER REPORT.

Friday, 13th November, 1914.

REPORTS  
FOR  
YESTERDAY.

12th November.

STATIONS.	EVENING OBSERVATIONS.						OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.		TEMP.	
	BAROM. Milli-bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.						
			Direc.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.									
Strograd ...	988.2	37	SW	2	c	997.6	+4	39		SE	1	-	c	*	6	43	34			
Lisbon ... ..	1024.4	63	NNW	3	b	1025.5	0	54		N	2	-	b	5	-	66	54			
Rome ... ..	1005.0	52	-	0	bc	1012.2	-8	41		N	1	-	b	3	-	61	41			
Horta ... ..	*	*	*	*	*	1030.0	+2	65		SSE	5	-	b	4	-	68	64			

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
		mm. §	° F.	° F.			Hr.			mm. §	° F.	° F.			Hr.	
Scotland.	{ Oban ... ..							{ Tunbridge Wells ... ..		1	50	41	m. b. bc	bc. cp. b	4.6	
	{ Banff ... ..	6	43	38	hgy. bc	hgy. c	1.3		{ Margate ... ..	3	59	44	bc	c	3.2	
	{ Carnoustie ... ..				*	*			{ Ramsgate ... ..	10	50	46	b	c	5.5	
	{ St. Andrews ... ..				*	*			{ Folkestone ... ..	2	54	41	bc. o	o. bc	4.9	
Eng. N.E.	{ Harrogate ... ..	2	46	33	bc. b	cp. bc	5.7	{ England, S.E.	{ Littlestone ... ..	*	*	*	*	*		
	{ Scarborough ... ..	*	49	40	bc	bc	7.6		{ Hastings ... ..	1	51	40	or. b. bc	o. c	5.4	
	{ Skegness ... ..	1	49	39	bc	o. bc	5.4		{ Bexhill-on-Sea ... ..	1	57	40	b	or. c. b	6.3	
{ Douglas (I. of M.) ... ..							{ Eastbourne ... ..		2	51	42	bg	bc	5.5		
	{ Morecambe ... ..	11	47	40	op	bc. o	3.3		{ Seaford ... ..	2	56	54	b	b. e	5.6	
	{ Blackpool ... ..	9	49	42	or. c	or. g.	0.5		{ Brighton ... ..	1	52	42	b. bc. c	cp. c. bc	5.9	
	{ Southport ... ..	3	49	43	c. org. c	o. org.	2.3		{ Worthing ... ..	1	53	40	b	b	7.3	
{ Buxton ... ..		16	45	36	r. bcp	hpg. bc	1.0		{ Littlehampton ... ..							
	{ Leamington Spa ... ..	0.3	49	40	bc	bc	4.1		{ Bognor ... ..	2	52	42	b	bcp. b	7.0	
	{ Malvern ... ..	-	49	42	bc. b	b. bc	4.5		{ Southsea ... ..							
	{ Ross-on-Wye ... ..							{ Bournemouth ... ..	-	51	46	bc	bc	4.6		
{ Rhyl ... ..								{ England, S.W.	{ Weymouth ... ..	-	54	44	bc	bc	3.5	
	{ Colwyn Bay ... ..	2	49	44	p	p	1.1		{ Exmouth ... ..							
	{ Llandudno ... ..	2	50	45	op	op	1.5		{ Teignmouth ... ..	9 p.m.	0.3	53	?	bcp. g.	gp. bc	3.8
	{ Bettws-y-Coed ... ..								{ Torquay ... ..	-	54	45	bc	bc	5.2	
	{ Aberystwyth ... ..	2	51	46	r. o. c	c. o	0.7		{ Paignton ... ..	1	54	43	cp	cp. bc	4.4	
	{ Tenby ... ..	-	48	43	bc. o	bc	5.4		{ Plymouth ... ..							
	{ Swansea ... ..	1	50	42	bc	bc. b	5.6		{ Falmouth ... ..	1	54	47	o. c	c. o	3.1	
{ Cromer ... ..		-	51	38	bc	bc	6.9		{ Penzance ... ..	1	55	49	bc	bc	3.4	
	{ Lowestoft ... ..	-	48	39	b. bc	bc. b	6.4		{ Bude ... ..							
	{ Felixstowe ... ..	4	49	42	bc. b	bc. b	5.1		{ Ilfracombe ... ..	1	53	49	q. c. bc	bc. c. o	1.5	
	{ Walton-on-Naze ... ..	1	48	40	bc. cp	bc. c. b	4.7	{ Weston-super-Mare ... ..	1	52	45	b	b. bc	5.5		
	{ Southend-on-Sea ... ..	5	51	40	r. c. bc	bc. o	5.0									

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	Hr.	° F.	° F.	° F.	mm.‡			
Greenwich (Royal Obs.) ...	76	82	3.6	53	40	33	1	b. o	or. c	bc. b
City (Banhill Row) ...	*	*	1.5	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	70	81	3.5	54	41	38	-	or. bc	b	u. bor
Camden Sq. (Brit. Rainfall)	72	82	2.8	53	41	36	1	b. bc	cp. bc	*
Hampstead (Reservoir) ...	*	87	3.5	52	37	26	-	bc	bcp	or. p
Richmond Park ...	*	*	4.8	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)	*	*								
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	73	80	3.5	298 Joules		9.2 Milliwatts.		23 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm §	° F.	F.	F.				Hr.
Dublin to 4 p.m.	1	50	40	38	bc	bc	c.b	*
Darwen to 9 p.m.								
Manchester "	8	47	40	*	or. c	c. or	or	0.1
Birmingham "	0.3	48	41	36	*	c	c	3.4
Oxford to 8 p.m.	*	51	40	35	bc, g. b	b. c	c. bc	*
S. Kensington (Museum Grounds to 8 p.m.)	1	52	42	35	b. bc	bc, og	op. bc. c	*

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

3th-14th. NOV. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.12	11.37	4.3
Greenwich ...	7.14	11.38	4.2
Wick ...	7.16	11.44	4.0
Valencia ...	7.18	11.45	4.2
	7.58	11.56	3.55
	8.0	11.57	3.53
	7.59	12.25	4.50
	8.1	12.26	4.51

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 55° in a few parts of the Kingdom, but failed to touch 50° over a considerable area. Bright sunshine was very prevalent except at some north-western stations. Gales were experienced on various parts of the coast.

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,  
14th November, 1914.

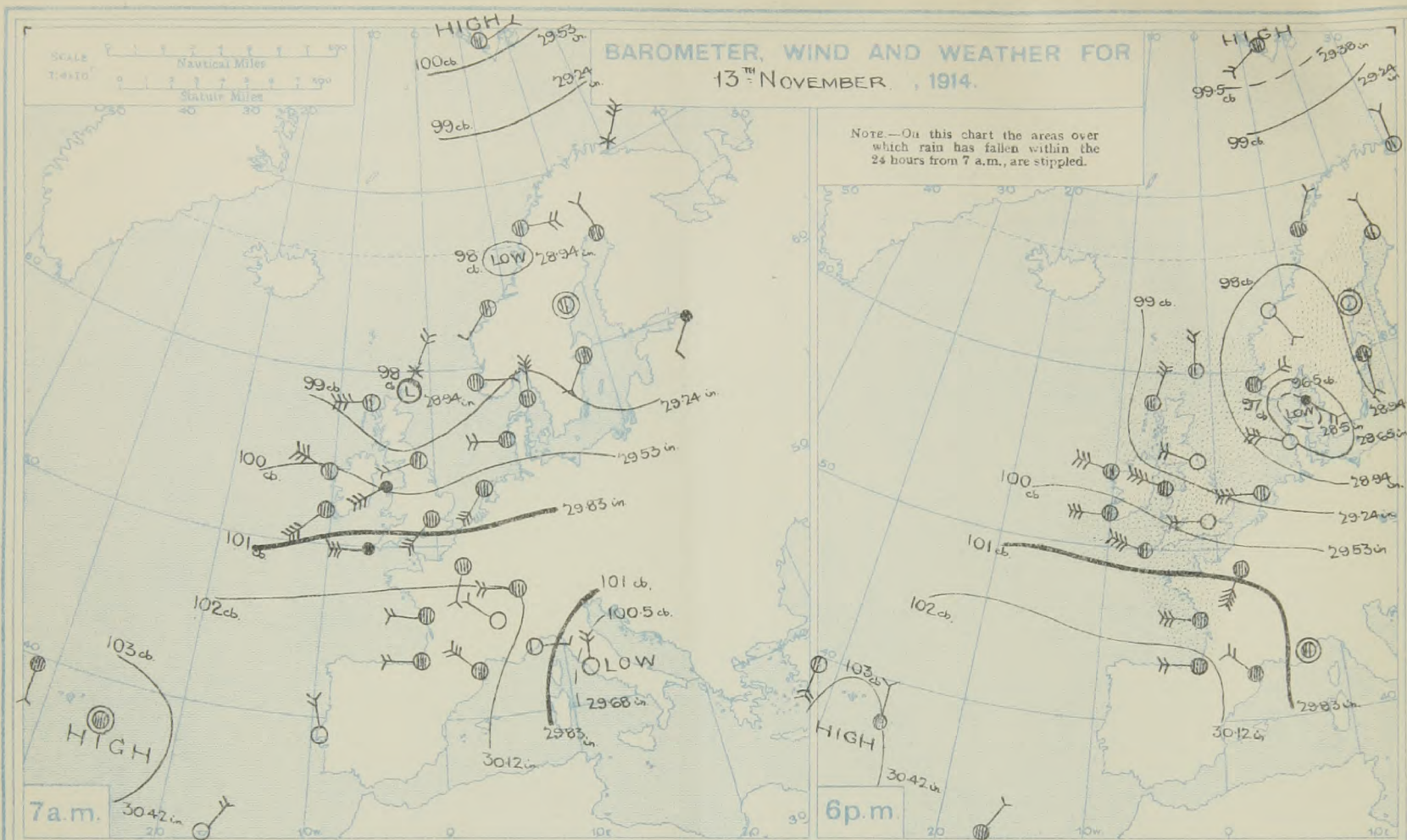
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										FAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	Temp. ° F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																					
Lerwick ...	983.3	32	N	3	bc	991.6	+4	30	-2	NNW	6	NN	bcpsq	4	6	35	29	csp	bc	bcpsq	*
Deerness ...	985.1	35	NNW	6	csp	995.6	*	32	-11	NNW	4	N	bsph	4	2	45	32	bc.cq	opsh.c	cpsh.b	0.8
Stornoway ...	989.4	34	NNE	5	cq	1003.3	+6	32	-12	N	6	N	cq	5	6	44	30	ogrhq	o.cq.rsp	cpsh	0.4
Castlebay (Barra Isd.)	988.4	40	W	4	op	1005.5	+4	37	-10	NW	4	NW	c	4	6	47	32	c.o	ch.op	bcshp	1.6
Glasgow ...	987.7	39	W	4	oi	1002.6	+3	32	-13	NW	3	-	b	*	3	51	30	bcq.p.c	cq.p.b	clsp.b	2.8
Eskdalemuir ...	988.1	37	W	4	or	1001.5	+6	29	-22	NW	3	-	bx	*	13	51	28	op.cq	op.or	or.c.b.c	3.5
Malin Head ...	988.9	45	WSW	8	org	1004.7	+6	40	-4	NW	8	NW	bcq	*	6	45	36	cq.p.h	ogq.p	bcq	2.2
Markree Castle ...	995.2	42	WSW	2	c	1008.8	*	40	-9	NNW	1	-	o	*	10	*	*	op.h.r	cp.h.r	cp	2.9
Blacksod Point ...	994.4	45	WNW	6	cq	1010.3	+6	42	-7	N	4	N	cq	3	4	53	38	cq	cq	cp.h	*
Valencia ...	1003.8	50	W	6	c	1011.1	+6	44	-12	N	1	-	o	5	8	56	36	cq	cq	cp.h	1.7
ICELAND, FAEROE, &c.																					
Roche's Point ...	1002.1	46	WNW	4	cq	1010.6	*	42	-13	N	3	NE	b	2	4	56	42	cq.p.b.c	bcq.p.c	bcq.p.b	0.0
Birr Castle ...	993.3	42	W	3	c	1008.5	*	38	-16	WNW	2	-	o	*	2	54	38	cp	cp	op.q.c	0.0
Donaghadee ...	987.4	40	W	7	bcq	1008.3	+3	38	-16	NW	8	NW	bcq	6	4	49	36	bcq.p	bcq	bcq	2.1
Liverpool (Bidston) ...	992.3	46	W	6	bc	1001.6	+10	44	-10	NNW	4	N	og	4	8	55	39	o.b.cq	bcq	or	2.1
Holyhead ...	994.7	48	WNW	7	cq	1002.9	+10	44	-10	N	8	NE	cpq	8	4	54	42	or.cq.c	cp.op.c	c.b.cq	3.1
Pembroke (St Ann's) ...	999.7	49	NW	6	bc	1003.7	+5	45	-9	NNE	5	NE	cq	4	4	56	*	cp	cp	bcq	0.5
Newquay ...	1002.9	53	W	8	o													ogq	ogq		
Scilly (St. Mary's) ...	1005.1	53	WNW	8	cq	1006.4	+9	49	-5	NW	8	NW	bcq	7	5	56	47	omq	cq	cpq	0.2
Falmouth ...	1004.0	51	WNW	5	r	1004.2	+12	47	-6	NW	4	-	bc	4	14	56	44	og	og	cpq	0.0
Jersey (St. Aubin) ...	1004.6	56	W	6	ogq	1000.4	*	46	-8	NW	4	NW	bcq	4	7	57	45	omq	omq	bcq	0.0
Portland Bill ...	1001.3	54	W	8	cq	999.5	+5	46	-9	NW	5	NW	b	5	3	56	46	cq	cq	bcq	*
Dungeness ...	996.3	51	WSW	6	b	996.0	+3	37	-17	WSW	4	W	bc	4	2	56	37	org	org	p.c.b.c	0.0
Dover ...	996.5	50	WNW	4	bc	997.0	+3	41	-12	NW	4	N	bc	3	2	55	38	od.c	op.r.bc	bc.b.c	0.0
Wick ...	985.6	35	N	3	o	997.8	+5	31	-13	N	5	N	o	4	5	44	28	omq	opsh	omq	*
Nairn ...	987.3	37	WNW	4	cq	1001.4	*	32	-15	NW	4	-	cu	3	2	47	31	bcq.p.b.c	r.cq	bcq	1.7
Aberdeen ...	985.0	38	NW	3	bc	998.2	+2	32	-12	WNW	5	-	c	3	5	48	32	bc	bc	cp.cq	5.6
Leith ...	986.3	42	WSW	2	c	1000.8	+8	36	-18	WNW	4	-	b	*	1	54	35	o.c.b.c	bc.c	c.op	*
Tynemouth ...	986.8	42	WNW	4	b	998.6	+5	33	-21	NNW	4	NW	bc	4	3	55	33	bcq	bcq	bc	*
Spurn Head ...	989.5	47	W	7	bc	996.5	+2	40	-8	NW	6	-	bcq	6	1	53	39	bcq	bcq	bcq	1.6
Yarmouth ...	992.1	48	W	4	bcl	994.6	+5	40	-6	WNW	2	-	or	1	2	54	36	ogq	og	bc.b.c	0.4
Clacton-on-Sea ...	994.5	49	W	4	cu	995.4	+3	39	-9	NW	3	-	bc	2	2	55	39	ogq	ogq	cp.b.c	0.1
Nottingham ...	992.8	45	W	5	b	998.5	*	38	-14	NNW	4	NW	c	*	7	55	37	op.c.b	bc	cp.b	1.6
Bath ...	998.6	46	W	3	o	1001.3	+8	42	-11	N	2	N	bc	*	4	58	41	or	r.o.b.c	c.b.c	0.3
London (Kew Obs.) ...	996.6	50	W	4	b	997.9	+5	41	-10	NNW	3	-	b	*	1	56	39	o.c.d.og	og.bq	b.b.c.b	0.3
GALES.																					
Duration and Extreme Force in British Islands.																					
Stornoway 14th 7am. squalls force 8																					
Glasgow 13th 3pm. Squall W. 8																					
Malin Head 13th 6pm - 14th 7am. WSW-NW 8, 3am NW 8																					
Markree Castle "NW" gale.																					
Valencia 13th 3pm. W. 8																					
Donaghadee 14th 4am-7am. NW. 8																					
Holyhead 13th 8-10am WNW 8, gusts 23mps (9) 2pm WNW 9 gust 29mps (11)																					
Pembroke 13th 10am-5pm. NW 8.																					
Newquay 13th 6pm W. 8																					
Scilly 13th 10am-11am. W. 8 4pm-14th 7am WNW 8, long gust 22mps (10)																					
Portland Bill 13th 8am-3pm. WSW 8																					
Dungeness 9am-4pm 13th. W 9 at 1pm.																					
Aberdeen 13th 1pm. gusts W 23mps (9) 14th 5am. " 18mps (8)																					
Clacton-on-Sea 13th 3pm WSW. 8																					
Southport 13th 8am-1pm + 4pm-6pm WNW 8 gusts 30mps (11)																					
FRANCE, &c.																					
The Helder ...	988.0	48	W	7	c	990.9	+4	43	-5	N	4	-	c	3	10	52	43				
Brussels ...	*	*	*	*	*																
C. Gris Nez ...	997.2	55	WSW	8	bc	995.4	+2	45	-8	WNW	6	*	bc	5	7	57	45				
La Hève ...	1004.4	54	SW	6	o	998.7	*	45	-5	NW	6	*	rhq	7	13	55	43				
Ushant ...	1009.7	54	NNW	7	c	1004.2	*	54	-1	NNW	8	*	c	8	6	57	48				
Brest (St. Mathieu) ...	1009.6	54	WSW	3	r	1005.3	0	46	-9	NW	6	*	c	4	3	59	46				
Rochefort (Ile d'Aix) ...																					
Biarritz ...	1020.6	55	W	4	o	1027	0	57	+3	NW	5	*	r	5	11	57	54				
Paris ...	1004.3	52	SW	4	c	993.0	+3	41	-2	NW	3	-	r	*	8	54	41				
Belfort ...																					
Lyons ...																					
Nice ...	1009.1	49	*	0	c	1002.0	-5	46	+2	-	0	*	bc	2	-	57	43				
Perpignan ...	1016.4	57	NW	3	o	1006.9	-5	54	+1	S	1	NW	c	*	-	61	50				
Sanguinaire ...	*					*	*					*									
SOUTHERN EUROPE.																					
Corunna (7 a.m.)																					
Madrid (8 a.m.)																					
Lisbon (9 a.m.)																					
Gibraltar ...						*															
Rome ...																					
Azores (Horta, 8 a.m.)	1030.6	*	S	3	o																
Madeira (Funchal)	1023.4	66	NE	3	o	1023.7	0	61	+1	NE	3	-	bc	3	-	70	61				

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

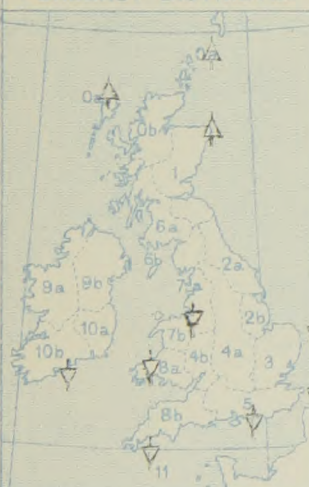
‡ The barometric change is expressed in half-millibars.





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

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

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

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

SOUTH CONE HOISTED AT 8.20 a.m.

yesterday in Districts 3, 5, 7, 8 & 10.

NORTH CONE HOISTED AT 2.25 p.m.

yesterday in Districts 0 and 1.

Western Channel and Bay 11

Northerly and North-Westerly winds, moderate or fresh, strong locally at times; mostly fair, but showers and squalls of snow, sleet and rain; temperature low.

Northerly and North-Westerly winds, moderate generally, strong at times; fair generally, but some local showers, hail or sleet in places; temperature low.

Same as Nos. 0 to 2.

Same as Nos. 3 to 5.

Northerly and North-Westerly winds, force variable; mostly fair, but local showers; cold.

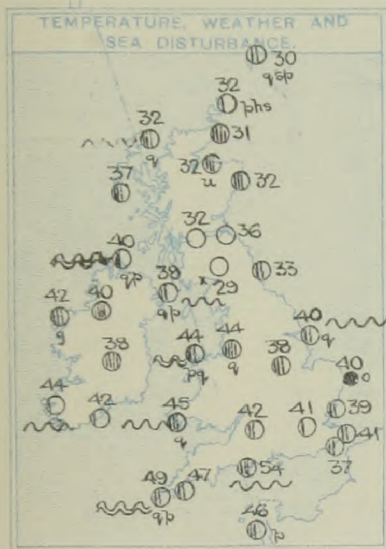
Northerly and North-Westerly winds, high to moderate; sea rough; mostly fair, some showers.

#### FURTHER OUTLOOK.



GENERAL INFERENCE.

Small local irregularities in pressure are likely to move in a southerly direction over these Islands and the North Sea.



Inches

31

30

29

SCALE 1:250,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°  
Scale of Tints for NOVEMBER.

HIGH

102.0

101.5

101.0

100.5

100.0

99.5

99.0

98.5

98.0

97.5

100.0

100.5

101.0

99.5

100.0

99.5

100.0

99.5

100.0

99.5

100.0

99.5

100.0

99.5

100.0

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.

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.

SEA DISTURBANCE.—Rough wavy. High wavy.



## DAILY WEATHER REPORT.

Saturday, 14th November, 1914.

REPORTS  
FOR  
YESTERDAY.

13th November

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells ...	3	55	40	op. o	o. bc. b	0.0
Oban ...	...	...	...	...	...	...	Margate ...	...	...	...	...	...	...
Banff ...	4	46	36	b	hg. dh	4.7	Ramsgate ...	...	...	...	...	...	...
Carnoustie ...	...	...	...	...	...	...	Folkestone ...	2	55	40	r. o	or	0.0
St. Andrews ...	1	51	37	*	*	5.8	Littlestone ...	...	...	...	...	...	...
England, N.E.							Hastings ...	4	56	39	or. o	o. c	0.0
Harrogate ...	6	53	38	o. cp. bz	bc. cpz	3.1	Bexhill-on-Sea ...	5	56	40	r. o	or. c. b	0.0
Scarborough ...	...	54	40	o. c	o. c	3.5	Eastbourne ...	4	56	42	aq	aq	0.0
Skegness ...	2	55	35	or	r. b. bc	1.4	Seaford ...	5	56	40	c. or	r	0.1
England, N.W.							Brighton ...	2	56	43	or	r. o. c. bc	0.1
Douglas (I. of M.) ...	...	...	...	...	...	...	Worthing ...	2	56	40	r	r. bc	0.0
Morecambe ...	...	...	...	...	...	...	Littlehampton ...	...	...	...	...	...	...
Blackpool ...	6	54	45	or. cp	cpz	3.4	Bognor ...	4	57	42	or	op. bc	0.0
Southport ...	5	53	45	or. c. bc	c. or. c	2.7	Southsea ...	1	57	45	or. o	o	0.0
Midlands.							Bournemouth ...	5	56	42	r. or	o. b	0.0
Buxton ...	...	51	39	...	...	0.3	Weymouth ...	1	58	47	or. cp	cp. bc	0.0
Leamington Spa ...	3	56	42	o. cr	o. cr	1.2	Exmouth ...	...	53	49	o	o	0.0
Malvern ...	4	57	44	bcz	bep	2.6	Teignmouth ...	...	...	...	...	...	...
Ross-on-Wye ...	1	58	46	bc. or. c	bep	1.0	Torquay ...	0.3	59	49	od	o	0.2
Wales.							Paignton ...	1	58	48	o	c	0.0
Rhyl ...	4	58	46	q	q	1.7	Plymouth ...	...	...	...	...	...	...
Colwyn Bay ...	8	55	44	p	p	1.7	Falmouth ...	6	56	51	rq. cp	aq	0.0
Llandudno ...	6	54	46	or	o	0.5	Penzance ...	6	57	52	op	o	0.0
Bettws-y-Coed ...	...	...	...	...	...	...	Bude ...	...	...	...	...	...	...
Aberystwyth ...	8	54	48	r. o. c	c. o	1.0	Ilfracombe ...	7	57	49	rq	rq	0.0
Tenby ...	10	56	46	r	bc. op	0.1	Weston-super-Mare ...	1	56	37	r. c	b. bc. c	0.2
Swansea ...	11	50	46	r. c	r	0.1							
England, E.													
Cromer ...	1	54	41	o. cr	o. c. bc	0.4							
Lowestoft ...	2	53	37	orq	orq. bc	0.1							
Felixstowe ...	2	55	42	cpz	cpz	0.5							
Walton-on-Naze ...	2	55	48	o. cu. r	o. cu. bc	0.0							
Southend-on-Sea ...	2	56	40	op. o	o	0.0							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day	
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
				Max.	Min.								Max.	Min.						
																				24 HOURS ENDED 9 A.M. TO-DAY.
	%	%	Hr.	° F.	° F.	° F.	mm. §				mm. §	° F.	° F.	° F.				Hr.		
Greenwich (Royal Obsy.) ...	68	83	0.0	56	39	32	2	or	o. c	r. c. bc	Dublin to 4 p.m.	4	51	44	44	c. orq	req. b	q. bep	*	
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*	Darwen to 9 p.m.	16	51	40	39	ou. r	or	bcphl	0.0	
Westminster (St. James's Pk.)	67	80	0.0	56	33	35	2	r. bc	bc	bc. ce	Manchester "	14	54	43	*	or	or. co	or. H	1.1	
Camden Sq. (Brit. Rainfall)	75	80	0.4	55	39	35	2	or. o	od. c	*	Birmingham "	4	54	41	39	c. o	cap	cp. b	1.5	
Hampstead (Reservoir) ...	*	85	0.5								Oxford to 8 p.m.	*	56	41	36	b. o. orq	og. og	o. c. bc	*	
Richmond Park ...	*	*	0.2																	
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	63	80	0.3	113 Joules		3.5 Milliwatts.		10 Milliwatts.			2	56	42	34	c. o. or	or. orq	orq. bc	*		

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

14th Nov. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.14	11.38	4.2
Greenwich ...	7.16	11.38	4.0
Wick ...	7.18	11.45	4.12
Valencia ...	7.20	11.57	4.10
	8.0	12.26	3.53
	8.3	12.26	3.51
	8.1	12.26	4.51
	8.3	12.26	4.49

## NOTES ON YESTERDAY'S WEATHER.

Snow showers were experienced in various parts of Scotland and the north of Ireland, and showers of rain elsewhere. Thunderstorms occurred at Darwen and Manchester. Over the greater part of England the maximum temperature was as high as 55°.

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.

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

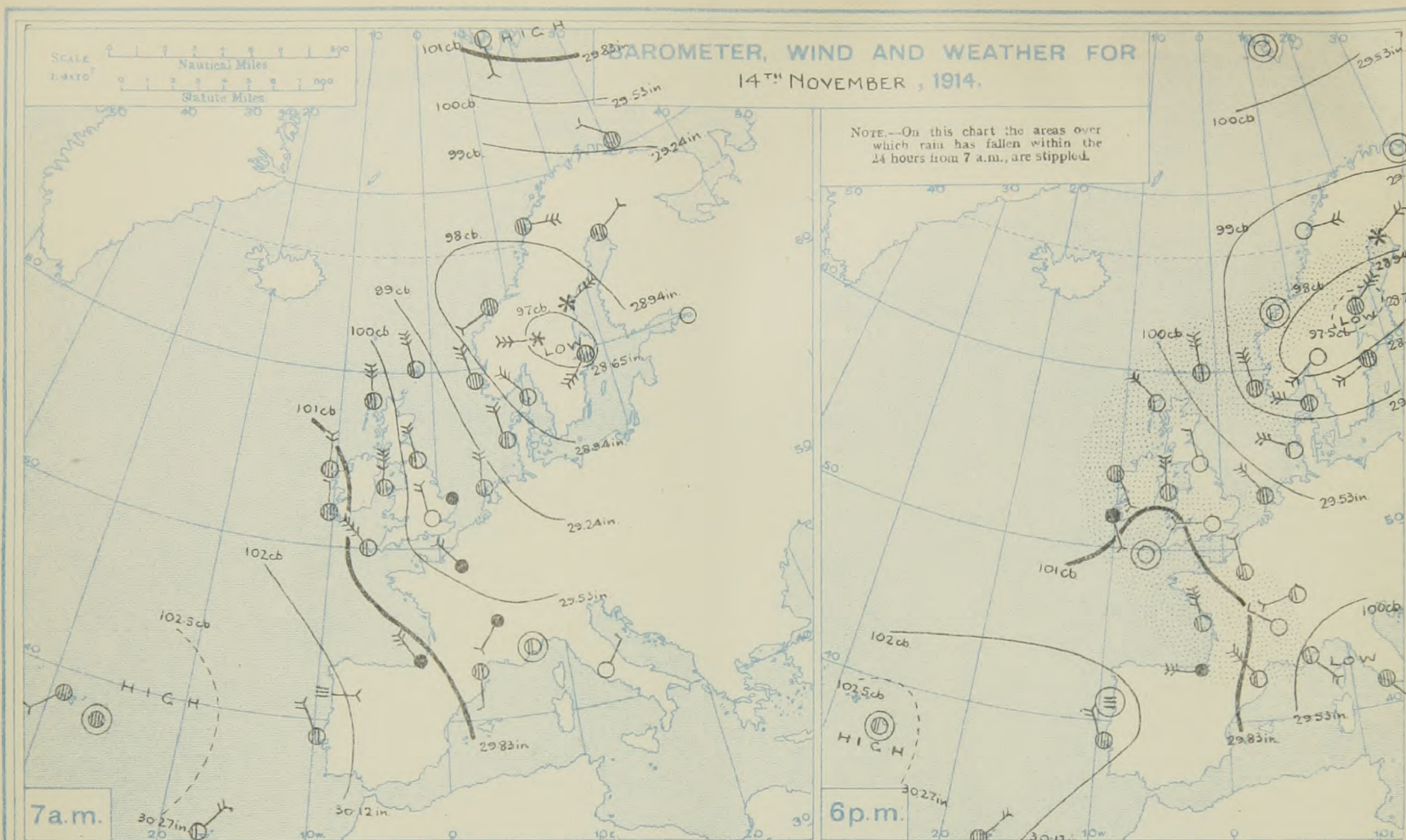


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
15th November 1914.

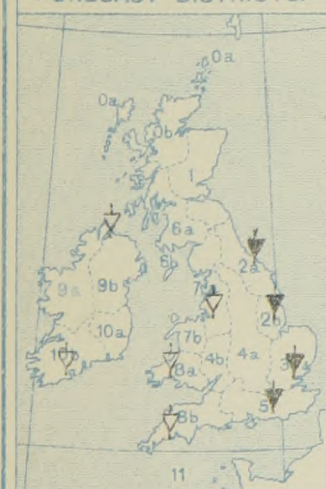
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.																		
	Barom. Milli- bars at M.S.L.	Temp. ° F.	WIND.		Weather.	Barometer.		Temp.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		WEATHER.																					
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 8 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.																			
																						° F.	° F.																
BRITISH ISLANDS.	Lerwick	997.7	35	NNW	6	cg	998.4	0	33	+3	N	2	-	b	2	2	35	31	bcsp	bcq	bc	*																	
	Deerness	1001.0	35	NW	5	cps	997.6	*	32	0	NNE	3	M	b	3	2	36	31	bc cps	csp sq	csp bc b	1.7																	
	Stornoway	1004.8	36	NW	4	bc	995.1	-3	35	+3	E	6	ME	bcq	5	1	37	29	csp	bcsp	bc bcq	1.0																	
	Castlebay (Barra Isd.)	1004.9	40	NNW	3	bc	990.4	-3	39	+2	E	4	-	op	4	3	43	37	csp c	esh bc	bc op	2.2																	
	Glasgow	1006.8	36	NW	1	b	993.3	-8	32	0	ENE	3	-	om	*	-	38	29	b bc	bz bc b	bfo	4.9																	
	Eskdalemuir	1007.7	25	W	2	b	993.6	-10	29	0	ESE	4	-	os	0.1	37	21	bzc	b	bc ccs	7.1																		
	Malin Head	1007.2	42	NW	2	cg	982.5	-7	37	-3	SE	7	-	om pgs	6	4	45	33	bcq p	bcv	cg om pgs	2.4																	
	Markree Castle	1007.4	38	SE	2	o	982.4	*	37	-3	SE	1	-	c	*	13	*	e c	c b o	ors	3.2																		
	Blacksod Point	1005.7	42	SSE	3	om	979.8	-2	48	+6	SSW	4	SW	or	5	11	49	35	cv	cv om	or cp	*																	
	Valencia	1005.7	45	SSE	2	r	984.2	-7	48	+4	SW	6	-	bcq p	6	35	51	42	cv	omr	mrg c	2.2																	
	Roche's Point	1010.2	46	S	3	o	987.3	*	48	+6	WSW	3	W	c	5	22	53	44	b	b o	or c	*																	
	Birr Castle	1008.5	39	NW	1	bc	984.3	*	43	+5	S	2	-	o	15	47	35	bc	bc	or op	5.0																		
	Donaghadee	1008.1	38	SW	2	cm	981.2	-11	40	+2	S	8	S	omrg	5	6	42	33	bcq ph	bcq p	op org	*																	
	Liverpool (Bidston)	1009.0	39	NNE	1	o	988.7	-14	34	-10	ENE	6	E	org	4	3	44	34	c bc	bc	or	3.9																	
	Holyhead	1009.2	44	M	5	cg	984.2	-14	47	+3	SW	4	SW	q p	3	4	47	38	op chp	cp bc c	c oer p	3.0																	
	Pembroke (St. Ann's)	1011.0	42	NNE	1	bc	985.4	-5	50	+5	W	6	W	bcq p	6	12	53	29	cg	cg	bc	3.5																	
	Newquay	1011.8	48	NNW	4	bc													cg bc	b bc																			
SCOTLAND.	Scilly (St. Mary's)	1012.5	44	-	0	b	993.3	-2	51	+2	W	6	W	cmg	6	8	55	43	bc	bc b	bcq p d	6.3																	
	Falmouth	1012.2	39	NNW	2	b	992.7	0	50	+3	W	3	-	o	5	16	53	36	bc	c b	rg	5.3																	
	Jersey (St. Aubin)	1011.9	45	NW	3	c	996.9	*	50	+4	SSW	5	S	o	5	2	52	38	bc p	bc	bm org	3.6																	
	Portland Bill	1010.8	42	M	1	b	990.5	-22	52	+6	SSW	9	S	o	7	7	52	39	bc	bc	bc or	*																	
	Dungeness	1008.8	33	NW	1	bx	998.4	-13	46	+9	SSW	7	S	og	6	1	46	29	bc	bc c	bc org	*																	
	Dover	1009.2	35	NW	4	b	998.4	-11	44	+3	S	7	SW	o	6	0.1	45	30	bc b	b	bc or o	5.8																	
	Wick	1002.6	30	NW	4	b	997.4	-3	26	-5	NW	2	-	bc	2	0.3	36	25	bcsp c	csp bm	bc	*																	
	Nairn	1004.8	31	NW	2	bc	996.3	*	30	-2	E	1	-	cg	2	0.3	35	27	bcs c	bc	bc	2.7																	
	Aberdeen	1003.9	32	WSW	4	bc	997.4	-5	28	-4	NW	3	-	o	2	2	35	28	bcq sp	bcsp	bcmsp	3.9																	
	Leith	1006.4	37	WSW	2	b	994.1	-6	35	-1	ESE	3	-	o	*	-	41	29	b bc	bc b	b	*																	
	Tynemouth	1005.9	34	NNW	3	b	996.1	-8	35	+2	SSE	3	-	or	4	-	39	31	b	b	bm	*																	
	Spurn Head	1006.8	27	NW	5	bc	998.6	-6	29	-1	SSE	5	-	or	6	-	50	33	buq	bc	bc	6.0																	
	Yarmouth	1005.9	37	W	3	bc	1000.7	-10	36	-4	S	2	-	bc	1	5	42	27	ors	orh bc	bc	2.1																	
	Clacton-on-Sea	1007.8	36	NNW	3	bm	998.7	-14	43	+4	SSE	6	S	agg	5	-	44	30	bc	bc bm	bm c g	5.9																	
	Nottingham	1008.3	36	NNW	2	b	994.1	*	33	-5	E	4	E	s	*	3	46	30	c bm	bm	b bc	5.9																	
	Bath	1011.2	39	W	1	b	991.9	*	46	+4	SW	2	SW	r	*	5	48	31	ro bc b	bc b	cm or	6.2																	
	London (Kew Obs.)	1009.7	37	W	2	b	995.2	-16	40	-1	SSE	5	-	or	*	0.2	45	32	bc b	b	b bc or	6.1																	
ICELAND, FAEROE, &c.	Spitsbergen	1002.6	3	-	0	b	1004.4	?	7	+7	SE	1	*	b	*	-	7	-2	GALES.																				
	Isafjord																		Duration and Extreme Force																				
	Reykjavik																		in British Islands.																				
	Vestmanna																		Melin Head.																				
	Seydisfjord																		14th 7am - 2pm NW 8																				
Thorshavn																																							
NORTH EUROPE.	Vardö	992.8	27	-	0	b	991.8	-3	32	+4	-	0	-	o	2	*	32	25																					
	Bodö	986.9	28	E	4	b	987.4	0	27	-5	E	1	-	b	1	-	32	23																					
	Christiansund	980.6	36	-	0	b	991.7	+3	32	-5	SW	1	-	c	4	3	37	30																					
	Skudesnaes	988.6	39	NNW	6	o	992.4	+3	36	0	M	5	-	r	4	15	39	31																					
	Færder (Xianiafjord)	984.3	37	WSW	6	b	989.7	+7	32	+7	N	5	-	b	5	-	39	25																					
	The Scaw (Skagen)	987.7	39	WNW	5	c	990.7	+2	39	-9	WNW	7	-	bc	5	-	48	30																					
	Blaavands Huk	995.3	41	NW	5	b	998.1	0	43	+4	WNW	3	-	c	4	2	43	36																					
	Haparanda	982.4	25	NE	6	s	980.7	0	34	+13	SSE	2	-	s	*	1	36	21																					
	Hernösand	972.9	30	NE	6	o	987.4	+7	25	-7	SW	4	-	c	*	13	32	25																					
	Stockholm	982.0	30	WSW	4	o	989.2	+1	32	+2	S	2	-	o	*	-	32	27																					
Wishby	987.5	36	WNW	6	b	993.6	+1	39	-6	SW	4	-	b	*	Trace	45	34																						
Karlstad	983.8	19	-	0	b	989.9	+4	14	-9	NNW	2	-	b	*	-	25	12																						
St. Petersburg	993.9	39	S	2	o	998.3	+4	39		SW	2	-	o	*	-	39	34																						
FRANCE, &c.	The Helder	1002.7	45	NW	5	c	1002.3	-3	43	0	SW	3	-	o	2	2	46	37																					
	Brussels	*	*	*	*	*																																	
	C. Gris Nez	1008.6	41	NNW	6	b	1001.6	-10	40	5	S	7	*	o	5	-	46	37																					
	La Hève	1010.4	43	M	4	bc	1001.9	*	41	-4	SSE	5	*	r	5	2	54	37																					
	Ushant	1012.4	55	NNW	4	b	997.7	*	54	0	W	6	*	r	7	5	57	50																					
	Brest (St. Mathieu)	1008.2	51	NNW	3	b	998.6	0	50	+4	WNW	6	*	r	5	4	57	46																					
	Roche fort (Ile d'Aix)	1013.9	52	NNW	7	bc	1009.2	-5	53		SW	6	*	o	*	2	57	45																					
	Biarritz	1016.6	55	W	5	r	1013.5	0	50	-7	SSW	3	*	o	5	4	57	48																					
	Paris	980.5	41	M	3	c	1008.6	-6	26	-5	SSW	3	-	o	*	2	50	30																					
	Belfort	1006.9	38	WSW	2	bc	1013.5	*	34		W	4	*	o	*	8	46	34																					
Lyons	1009.0	42	NNW	1	c	1015.9	*	33	-10	-	0	*	b	*	2	50	32																						
Nice	996.3	46	SE	3	bc	1006.9	-8	48	+2	-	0	*	bc	3	2	61	41																						
Perpignan	1009.9	52	NW	6	bc	1014.1	0	48	-6	M	1	NW	b	*	8	?	?																						
Sanguinaire	*	*	*	*	*																																		
SOUTHERN EUROPE.	Corunna (7 a.m.)																																						
	Madrid (8 a.m.)																																						
	Lisbon (9 a.m.)	1020.3	61	NNW	3	o	1021.9	+1	57	+2	NW	2	-	o	*	61	55																						
	Gibraltar																																						
	Rome	997.5	45	SE	1	o	998.9	+6	48	+5	ME	1	-	r	*	-	52	43																					
Azores (Horta, 8 a.m.)	*	*	*	*	*																																		
Madeira (Funchal)	1022.9	68	ME	3	o	1023.8	0	60	-1	ME	3	M	bc	3	-	70	59																						





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

Signals hoisted yesterday,      Signals hoisted this morning.

South Cone.      South Cone.

North Cone.      North Cone.

**Cones Hoisted**

yesterday at 7.0 pm.  
to-day at 8.45 am.

Western Channel and Bay 1)

**FURTHER OUTLOOK.**

Station	Date & Ho r.	Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.	
		10 <sup>th</sup>	9h.	12 <sup>th</sup>	7h.	13 <sup>th</sup>	15h.	14 <sup>th</sup>	7h.	14 <sup>th</sup>	10h.	14 <sup>th</sup>	11h.	14 <sup>th</sup>	13h.		
Heights in Kilometres.	3	+19	-1														
	2	+12	-4	+20	-17			+3	-13						+9	-10	
	1	+14	-4	+19	-14	+21	-4	+2	-12	+4	-16	+6	-13	+5	-10		
	0.5	+14	0	+19	-6	+19	-7	+4	-7	+2	-10	+4	-6	+5	-5		
	0	+5	+3	+8	0	+6	-2	+5	-5	+1	-4	+2	-5	+6	-4		
Station																	
	Date & Hour.																
Heights in Kilometres.																	

Millibars

1050

1040

1030

1020

1010

1000

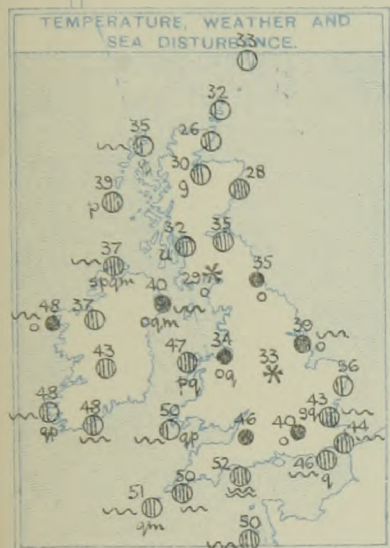
990

980

970



# SYNOPTIC CHART FOR 7 a.m., SUNDAY, 15<sup>TH</sup> NOVEMBER, 1914.



Millinches.

31

104

103

102

30

101

100

99

29

SCALE 1:2-10<sup>7</sup>  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 50 50°-60° 60°-70° Above 70°  
Scale of Tints for NOVEMBER.

## 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.

Isobars shown by dotted lines.

WEATHER.—Shown by the following symbols:—

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

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

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

⚡ thunderstorm.

Q SEA DISTURBANCE.—Rough High



## DAILY WEATHER REPORT.

Sunday, 15th November, 1914.

## REPORTS

FOR  
YESTERDAY.

14th November.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain fall, Milli- metres.		TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.					
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.								
Lyon...	1010.0	45	1	0	0	1003.4	*	43	+6	SW	2	*	r	*	4	50	37		
Sanguinaires ...	*	58	NW	4	6	*	*	57	-3	E	3	*	b	5	-	63	48		
Lisbon...	1024.3	57	NW	4	6	1022.7	0	55	+1	NNW	3	*	c	5	-	63	55		
Rome ...	1006.4	43	N	4	6	1003.7	-2	43	-3	NE	1	-	b	*	-	55	41		
Horta ...	*	*	*	*	*	1028.6	0	62		SW	2	-	o	2	-	66	61		

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
		mm. & .	° F.	° F.			Hr.			mm. & .	° F.	° F.				
Scotland.	Oban ... ..	...	...	...	...	...	...	England, S.E.	Tunbridge Wells ... ..	...	...	...	...	...	...	
	Banff ... ..	4	38	34	hpa	hpa.sp	1.4		Margate ... ..	-	46	43	m bc b	bm	4.8	
	Carnoustie ... ..	...	...	...	.	.	...		Ramsgate ... ..	2	50	38	c	bc	4.6	
	St. Andrews ... ..	...	...	...	.	.	...		Folkestone ... ..	-	44	37	b	b	4.6	
Eng. N.E.	Harrogate ... ..	2	40	30	b	b	7.7		Littlestone ... ..	*	*	48	35	* bc	* b	4.7
	Scarborough ... ..	*	40	34	b	b	7.0		Hastings ... ..	-	52	36	b	b	5.7	
	Skegness ... ..	-	40	34	b	b	7.0		Bexhill-on-Sea ... ..	-	52	36	b	b	5.7	
Eng. N.W.	Douglas (I. of M.) ... ..	...	...	...	b	b	7.3		Eastbourne ... ..	0.3	47	39	bc	b	6.5	
	Morecambe ... ..	7	43	38	b	b	7.3		Seaford ... ..	Trace	53	35	bc	bc	5.7	
	Blackpool ... ..	...	...	...	...	...	...		Brighton ... ..	0.3	45	40	or o bc	b	7.2	
	Southport ... ..	8	42	36	b bc b	b bc o	7.2		Worthing ... ..	3	46	36	b	b	7.7	
Midlands.	Buxton ... ..	14	47	31	b	c	7.0		Littlehampton ... ..	...	...	...	...	...	...	...
	Leamington Spa ... ..	1	41	36	bc	bc	6.7		Bognor ... ..	-	51	37	b	b	7.6	
	Malvern ... ..	2	42	36	c bc	bc b	4.7		Southsea ... ..	...	...	...	...	...	...	...
	Ross-on-Wye ... ..	1	47	36	b bc	bc c b	5.0		Bournemouth ... ..	-	45	35	b	b	7.8	
Wales.	Rhyl ... ..	5	52	40	or bc	bc c	4.4		Weymouth ... ..	2	47	38	b	bm	6.2	
	Colwyn Bay ... ..	...	...	...	...	...	...	Exmouth ... ..	...	...	...	...	...	...	...	
	Llandudno ... ..	...	...	...	...	...	...	Teignmouth ... ..	9 pm	1	48	41	bcp	bcp	5.0	
	Bettws-y-Coed ... ..	...	...	...	...	...	...	Torquay ... ..	...	...	...	...	...	...	...	
	Aberystwyth ... ..	2	43	33	r o c	c o	2.0	Paignton ... ..	6	49	39	bc	bc	5.4		
	Tenby ... ..	3	47	41	p bc o	bc	4.1	Plymouth ... ..	9 pm	5	49	43	bc	bc	5.4	
England, E.	Swansea ... ..	4	46	40	b bc	bc b	4.2	Falmouth ... ..	9	49	39	bc	c b	5.3		
	Cromer ... ..	3	51	36	o cr	o bc	0.4	Penzance ... ..	6	50	41	bc	b	6.8		
	Lowestoft ... ..	...	...	...	bc	bc	5.6	Bude ... ..	...	...	...	...	...	...	...	
	Felixstowe ... ..	-	42	36	bc	bc	5.6	Ilfracombe ... ..	4	48	43	c bc	bc c	3.2		
	Walton-on-Naze ... ..	-	41	32	c bc	bc b	5.6	Weston-super-Mare ... ..	...	...	...	...	...	...	...	
	Southend-on-Sea ... ..	-	42	37	o bc b	b	4.8									

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.				Rain- fall.	WEATHER.			STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.	Fore- noon.		After- noon.	Night.	In Screen.			Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
				Max.	Min.															
				24 HOURS ENDED 9 A.M. TO-DAY.																
	%	%	Hr.	° F.	° F.	° F.	mm. §						mm. §	° F.	° F.	° F.				Hr.
Greenwich (Royal Obs.) ...	53	96	5.0	44	29	24	1	6	o.c	7.03.07	Dublin to 4 p.m.	Trace	42	36	34	c.b	b	bc	*	
City (Bunhill Row) ...	*	*	4.6	*	*	*	*	*	*	*	Darwen to 9 p.m.	6	41	30	27	oph. b	bc	bc	6.4	
Westminster (St. James's Pk.)	84	91	5.4	2.48	31	30	2	bc	bc. om	or	Manchester "	5	43	34	*	or b. bc	bc. b	b. c. o	5.1	
Camden Sq. (Brit. Rainfall)	53	99	5.7	48	32	27	2	c. b	b	*	Birmingham "	2	41	33	32	*	c	c	5.8	
Hampstead (Reservoir) ...	*	98	6.3	44	28	19	3	bc	bc	bcx. or	Oxford to 8 p.m.	*	43	33	25	bc. bc	bc. b	b	*	
Richmond Park	*	*	5.9	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.												
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				430 Joules		13.4 Milliwatts.		26 Milliwatts.												
S. Kensington (Roof of M.O.)	51	93	5.6																	

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

15th & 16th Nov. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.17	11.38	3.59
Greenwich ...	7.20	11.45	4.10
Wick ...	8.3	11.57	3.51
Valencia ...	8.3	12.26	4.49
	8.4	12.26	4.48

## NOTES ON YESTERDAY'S WEATHER.

On many parts of our southern and south-west coasts the thermometer rose slightly above 50°, but in the north and east of Scotland it did not reach 40°. The amount of bright sunshine was as a rule large for the time of year. Heavy rain occurred in the south-west, and a fresh gale on our western coasts at 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. hoar frost; z. dust-haze, or smoke.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,  
16th November, 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M. G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.	Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Dir.	Force 0-12.												Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.																						
Lerwick	999.6	39	NNE	4	bc	1010.3	+3	37	+4	NE	4	NE	c	3	2	40	32	bc	bcp	bc	•	
Deerness	998.6	38	NE	5	o	1009.8	*	39	+7	NE	4	-	oq	4	1	40	31	b.bc.c	c.cq	o	1.3	
Stornoway	998.8	40	ENE	6	eq	1012.1	+6	36	+1	N	4	-	opq	4	2	40	34	bc.cq	c.bc.cq	bc.opq	1.4	
Castlebay (Barra Isd.)	995.1	40	NNE	4	bc	1011.8	+7	40	+3	N	3	N	c	3	3	41	37	op.o	o.bc	bc.op	0.4	
Glasgow	991.1	35	ENE	2	ors	1008.3	+7	35	+6	NNW	1	NE	b	*	2	37	29	as	sp.rsp	ors.p.c	0.0	
Eskdalemuir	989.4	34	NE	5	os	1007.2	+7	35	+6	N	4	N	b	*	3	36	29	os	os	o.s	0.0	
Malin Head	987.9	41	ENE	8	eq	1009.0	+10	42	+5	N	4	NW	bcw	5	1	42	37	cmgp	eq	bc	0.0	
Markree Castle	996.9	41	N	3	o	1010.8	*	35	-2	N	1	-	bc	*	1	*	*	o.o	op	o.bca	0.6	
Blacksod Point	987.8	43	ESE	5	eq	1011.4	+8	42	-6	ENE	4	E	cq	4	4	42	42	or.cq	cq.o	cqph	•	
Valencia	982.3	50	NNW	6	o	1011.3	+9	45	-3	NNE	2	-	cp	5	5	53	44	cp	cp	cp	1.7	
Roche's Point	978.6	46	NE	2	b	1008.4	*	41	-7	N	4	-	b	4	6	52	41	or	op.c.b	b.bq.b	•	
Birr Castle	981.8	45	NE	3	o	1009.6	*	36	-7	N	2	-	b	*	4	50	35	or	c.op	op.b	1.8	
Donaghadee	982.4	41	E	8	omg	1007.3	+6	43	+3	ENE	5	E	bcq	4	1	43	38	omgp	omg	og.bq	•	
Liverpool (Bidston)	982.7	43	E	3	m	1003.0	+11	41	+7	NNE	3	N	c	3	2	46	34	odr	o	om	0.3	
Holyhead	981.6	47	E	4	bomg	1004.2	+12	46	-1	NE	6	NE	c	5	1	52	45	op.o.c	cp.o.bc	bc.o.ro	0.8	
Pembroke (St. Ann's)	978.3	50	WSW	4	o	1002.0	+10	44	-6	NNE	5	N	bcq	4	10	53	44	bcq	bcq	bcq	0.2	
Newquay	981.1	51	WNW	7	cq	1001.8	+8	49	-2	NW	8	NW	cp	7	11	55	47	cq	cq	cp	1.9	
Scilly (St. Mary's)	996.1	48	WSW	5	r	1000.1	+13	46	-4	NNW	3	-	bcq	5	16	54	45	bcq	bcq	bcq	2.7	
Jersey (St. Aubin)	990.2	52	WSW	6	cq	994.8	*	50	0	NW	6	NW	cp	4	24	56	48	bcq.b	bcq	bcq	1.8	
Portland Bill	983.7	52	SW	7	qr	995.7	+12	45	-7	N	5	N	c	6	12	53	44	cq	q.thr	cp	•	
Dungeness	987.0	51	WSW	5	c	988.3	+9	46	0	NNE	7	-	or	5	18	54	44	or	eq	op.cq	•	
Dover	986.3	47	SW	3	b	991.1	+6	46	0	NNW	5	NW	r	5	8	54	44	omc	c.b.c	b.op	1.9	
Wick	997.6	38	ENE	4	o	1009.8	+5	42	+16	ENE	5	-	o	4	9	42	25	bc.cm	cm.omf	omf	•	
Nairn	996.8	36	ENE	1	r	1009.4	*	39	+12	NW	3	-	cu	3	8	39	29	bc	sh.bc	hpcq	0.3	
Aberdeen	995.1	40	ENE	5	bc	1007.9	+7	36	+5	NW	3	-	bc	3	3	40	27	og	ogp.bc	bc.or	0.0	
Leith	990.2	39	ENE	4	o	1007.0	+8	40	+5	NW	3	-	bc	*	4	43	34	og.ops	o	ogp	•	
Tynemouth	988.2	43	E	6	omgr	1003.2	+9	44	+9	NNE	5	NE	cm	6	10	45	39	or	omr	omf	•	
Spurn Head	985.3	41	WNW	2	o	996.7	?	45	+6	NE	7	-	r	7	8	45	36	or.c	c.b.c	bc	0.3	
Yarmouth	985.7	44	SW	1	cm	992.7	+8	46	+10	NE	8	NE	or	5	12	47	43	or	or.cm	bc.op	1.4	
Clacton-on-Sea	982.4	46	WSW	2	c	992.4	+8	44	+1	NNE	3	N	o	3	4	52	43	ogr.bc	bc.c	c.b.or	1.7	
Nottingham	984.3	39	N	2	r	998.7	*	40	+7	N	5	NE	b	*	3	43	32	ofa.cm	c.ochm	od	1.2	
Bath	984.4	48	SW	3	r	999.3	*	42	+4	NNE	4	NE	o	*	5	53	41	ro.b.c	bc.c.or	r.c.og	2.5	
London (Kew Obs.)	985.6	46	SSW	2	b	994.6	+12	44	+4	NNE	4	-	bc	*	10	53	40	org.c.bc	b	bc.op	2.5	
ICELAND, FAEROE, &c.																						
Spitsbergen	1006.3	1	-	0	b	1007.1	*	0	-7	SE	2	*	b	*	-	1	0	GALES.				
Isafjord...																		Duration and Extreme Force in British Islands.				
Reykjavik																		Malin Head				
Vestmanna																		15k 4pm-Midn NE 8				
Seydisfjord																						
Thorshavn																						
NORTH EUROPE.																						
Vardö	990.1	36	-	0	o	991.7	+2	32	0	-	0	-	o	3	*	36	21					
Bodö	988.7	25	E	2	b	995.3	+3	23	-4	E	2	-	b	2	*	23	23					
Christiansund	997.1	36	NE	2	o	1003.1	+4	32	0	W	3	-	c	4	12	37	30					
Skudesnaes	996.8	36	-	0	b	1003.9	+3	32	-4	NE	3	-	b	2	*	41	30					
Færder (X'ania Fjord)	997.6	34	ENE	3	b	1002.9	+4	28	-4	N	2	-	bc	1	*	34	30					
The Scaw (Skagen)	996.0	36	NNE	3	c	1001.1	+3	32	-7	ENE	4	-	bc	3	trace	43	30					
Blaavands Huk	995.5	37	SE	1	o	998.3	+2	34	-9	ENE	1	-	o	3	trace	43	34					
Haparanda	986.1	28	SSE	2	o	991.5	+1	23	-11	W	2	-	o	*	3	34	23					
Hernösand	992.8	18	-	0	b	997.2	+3	21	-4	SW	2	-	b	*	-	25	12					
Stockholm	993.9	30	W	2	o	1000.6	+3	23	-9	W	2	-	b	*	1	34	21					
Wisby	995.4	41	WSW	4	c	1001.3	+5	36	-3	-	0	-	c	*	-	41	34					
Karlstad	997.3	18	-	0	b	1003.3	+1	10	-4	-	0	-	b	*	-	23	9					
St. Petersburg														*								
FRANCE, &c.																						
The Helder	987.0	36	SSE	5	o	992.2	+7	41	-2	NE	6	-	o	4	7	43	32					
Brussels	*	*	*	*	*									*								
C. Gris Nez	986.4	50	WSW	7	c	987.8	+5	46	+6	NE	5	*	r	•	13	52	45					
La Hève	989.9	48	SW	5	b	987.0	*	48	+7	WSW	6	*	o	•	5	54	45					
Ushant																						
Brest (St. Mathieu)	989.2	52	SW	7	r	1000.2	+5	50	0	NNW	7	*	o	7	35	57	41					
Rochefort (Ile d'Aix)	1001.2	55	W	8	o	998.9	+3	53	+5	WNW	9	*	o	*	11	57	50					
Biarritz	1009.2	59	WSW	6	o	1008.4	0	55	+5	W	9	*	o	•	1	64	52					
Paris	993.1	50	SSW	4	o	987.9	0	46	-7	SSW	2	-	o	*	4	50	36					
Belfort														*								
Lyons														*								
Nice	1009.5	48	-	0	b	1003.0	-3	48	0	W	4	*	b	•	3	59	43					
Perpignan	1010.1	46	NW	1	b	1007.7	0	54	+6	W	2	W	b	•	-	59	33					
Sanguinaire	*	57	WNW	4	bc	*	*	57	*	E	3	*	o	•	5	61	52					
SOUTHERN EUROPE.																						
Corunna (7 a.m.)																						
Madrid (8 a.m.)																						
Lisbon (9 a.m.)	1020.8	59	WNW	3	b	1020.7	0	57	0	N	2	-	o	*	trace	63	55					
Gibraltar														*								
Rome														*								
AZORES &c.																						
Azores (Horta, 8 a.m.)		*			<																	

## GALES.

Duration and Extreme Force  
in British Islands.

Malin Head  
15th 4pm-Midst NE 8.

Donaghadee  
Ex 15th 10am S 9  
Ex 15th 2pm E 8  
Sole from 8am 15th-4am 16th.

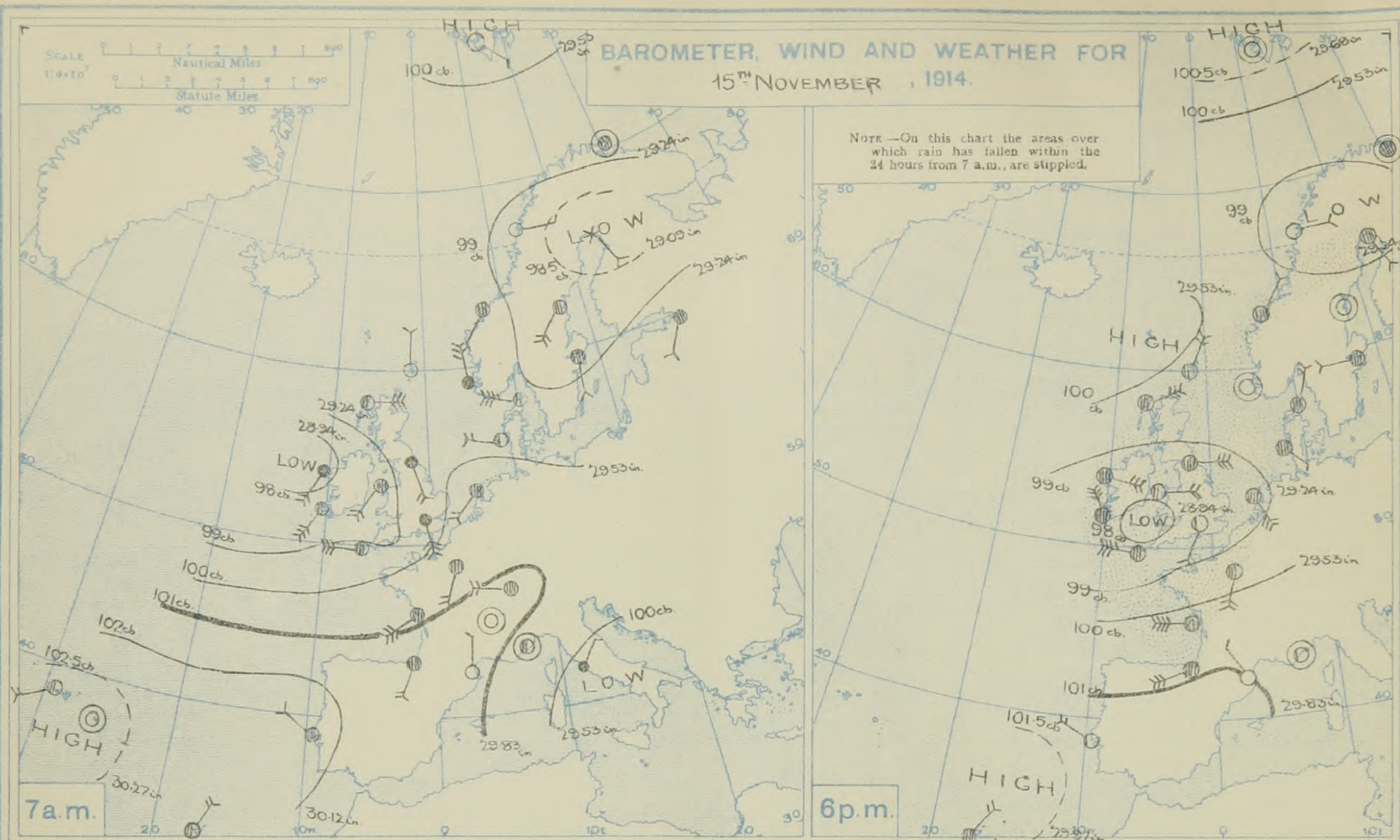
Scilly  
15th 1pm-3pm W 8  
15th 5pm Gust 58 mph  
15th 10pm-7am NW 8  
Ex NW 9 midt

Dover  
15th 8am-Noon S 8  
Ex S 9 @ 11am.

Spurn Head  
16th 3am NNE 8

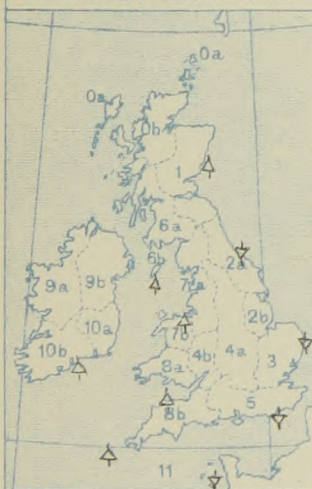
Yarmouth  
16th 6am-7am NE 8





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

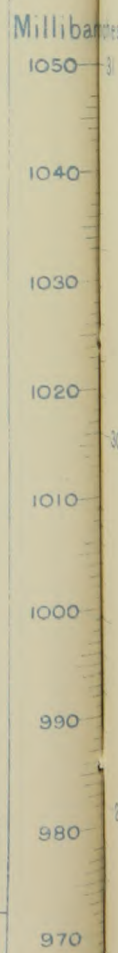
South Cones hoisted at 8.45 a.m.

North Cones hoisted at 7.0 p.m.

Western Channel and Bay 11

- |    |   |  |
|----|---|--|
| 0  | a | Wind between North and East, fresh at times: generally fair, but some sleet or snow showers; cold  |
| 1  | b |  |
| 2  | a | North-easterly and Northerly high, squally winds, moderating later; generally fair to fine, but some cold showers; temperature below the normal. |
| 3  | b |  |
| 4  | a | Northerly breezes, falling light, backing South-Westerly later; changeable, some sleet or snow showers; cold.                                    |
| 5  | b |  |
| 6  | a | Fresh or strong Northerly winds, moderating and backing later; fair generally, some cold showers; temperature below the normal.                  |
| 7  | b |  |
| 8  | a | Light Northerly breezes, backing South-Westerly and freshening again; changeable, some rain; rather cold.  |
| 9  | b |  |
| 10 | a | Northerly to Westerly winds, strong to a gale, moderating later; high sea; squally, some rain; cold.   |
| 11 | b |  |

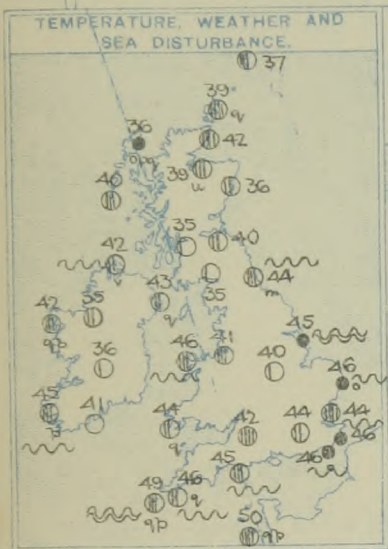
**FURTHER OUTLOOK.**





GENERAL INFERENCE.

The rapid rise of the barometer probably indicates the early arrival of another depression from the Atlantic, so that the conditions are likely to remain of an unstable character.



Millinches

105 31

104

103

102

101

100

99

98

97

29

SCALE 1:2-10  
NAUTICAL MILES  
STATUTE MILES

Normal Temperature of the Sea.

Below 50 50-60 60-70 Above 70

Scale of Tints for NOVEMBER.

Barometer

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.

⚡, thunderstorm.

SEA DISTURBANCE.—Rough wavy. High wavy.



## DAILY WEATHER REPORT.

Monday, 16th November, 1914.

REPORTS  
FOR  
YESTERDAY.

15th November.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.			
	mm. &	° F.	° F.			Hr.		mm. &	° F.	° F.			Hr.		
Scotland.	{ Oban ... ..				bc	bc	0.0	England, S.E.	{ Tunbridge Wells ... ..	4	54	28	or.c.bc	bc.c.b	1.5
	{ Banff ... ..	2	40	29					{ Margate ... ..	2	55	33	op	bc	1.9
	{ Carnoustie ... ..				*	*			{ Ramsgate ... ..	4	51	30	g	o	1.7
	{ St. Andrews ... ..				*	*			{ Folkestone ... ..	2	55	?	r.o.bc	bc.b	1.6
Eng. N.E.	{ Harrogate ... ..	12	32	28	os	os.m	0.0		{ Littlestone ... ..	*	*	*			
	{ Scarborough ... ..	*	42	30	or	or	0.0		{ Hastings ... ..	7	55	22	or.bc	o.bc	1.9
	{ Skegness ... ..	9	45	29	ors	o.b.o	0.6		{ Bexhill-on-Sea ... ..	6	54	?	r.o.bc	bc.b	2.3
Eng. N.W.	{ Douglas (I. of M.) ... ..								{ Eastbourne ... ..	6	55	24	org	bcp	1.4
	{ Morecambe ... ..								{ Seaford ... ..						
	{ Blackpool ... ..								{ Brighton ... ..	6	54	24	or.o.c	bc.or	2.2
	{ Southport ... ..								{ Worthing ... ..	6	56	29	bc	bc.c	3.6
	{ Southport ... ..	8	42	23	or.o	or.o	0.0		{ Littlehampton ... ..						
Midlands.	{ Buxton ... ..								{ Bognor ... ..	5	56	33	r.b	bc.r	3.9
	{ Leamington Spa ... ..	2	53	31	o.c.bc	c.bc	2.5		{ Southsea ... ..	1	56	35	b.bc	c.or	4.3
	{ Malvern ... ..	6	53	24	p.c	cp	3.7		{ Bournemouth ... ..	15	57	33	r.c	c	2.3
	{ Ross-on-Wye ... ..	4	53	31	bc	or.bc	2.3								
Wales.	{ Rhyl ... ..	5	56	35			1.0	England, S.W.	{ Weymouth... ..	13	55	35	bcp	thr.c	3.4
	{ Colwyn Bay ... ..	6	51	35	bc	bcp	1.3		{ Exmouth ... ..						
	{ Llandudno ... ..	6	50	36	op	bc	0.0		{ Teignmouth ... ..						
	{ Bettws-y-Coed ... ..								{ Torquay ... ..	13	54	39	b	p.bc.c	3.6
	{ Aberystwyth ... ..	3	51	39	r.o.c	c.or	1.0		{ Paignton ... ..						
	{ Tenby ... ..								{ Plymouth ... ..						
England, E.	{ Swansea ... ..	20	50	36		phthr	1.9		{ Falmouth ... ..						
	{ Cromer ... ..	9	44	30	ors.c	c.bc	1.5		{ Penzance ... ..						
	{ Lowestoft ... ..	12	47	30	org	o.c.b	1.5		{ Bude ... ..						
	{ Felixstowe ... ..	6	52	30	or	bc	2.6		{ Ilfracombe ... ..	30	54	39	c	thr.c	1.3
	{ Walton-on-Naze ... ..	6	51	29	org.bc	bc.c.b	1.9	{ Weston-super-Mare ... ..	9	53	37	bc.r	b.r	2.0	
	{ Southend-on-Sea ... ..	1	54	23	r.o.bc	b.bcp.c	2.1								

## LONDON OBSERVATIONS.

STATIONS.	Humidity.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		° F.	° F.				
Greenwich (Royal Obs.) ...	78	83	2.3	54	42	36	13	or.bc	bc
City (Banhill Row) ...	...	...	2.2	...	...	...	...	...	...
Westminster (St. James's Pk.)	75	79	1.9	54	43	39	9	or	bc
Camden Sq. (Brit. Rainfall)	...	80	2.4	53	42	37	7	...	...
Hampstead (Reservoir) ...	...	78	2.2	51	37	31	5	bc	or.bc
Richmond Park ...	...	...	2.3	...	...	...	...	...	...
Kew. (See front page.)	...	...	...	...	...	...	...	...	...
(Greenwich and Camden Square air temperatures are in Glaisher screens.)	...	...	...	...	...	...	...	...	...
S. Kensington (Roof of M.O.)	...	79	2.2	266	Joules	8.3	Milliwatts.	30	Milliwatts.

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

16th-17th November 1914.	Sunrise, Noon, Sunset.		
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.17	11.38	3.59
Greenwich ...	7.19	11.38	3.57
Wick ...	7.21	11.45	4.49
Valencia ...	7.23	11.45	4.47
...	8.5	11.57	3.49
...	8.7	11.57	3.47
...	8.4	12.26	4.48
...	8.10	12.25	4.46

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

## Additional Observations for Yesterday.

STATIONS.	Rain fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night	Fore- noon.	
		Max. Min.				
Dublin to 4 p.m.	mm. §	° F.	° F.			
Darwen to 9 p.m.	8	49	37	37	rsq	c
Manchester "	...	...	...	...	...	...
Birmingham "	...	...	...	...	...	...
Oxford to 8 p.m.	...	...	...	...	...	...
S. Kensington (Museum Grounds to 8 p.m.)	1	53	34	25	bc.b.o	or. bc. bc.b

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 57° at Bournemouth, but at Harrogate the maximum was only 32°. Rain fell generally, rather heavily in several localities, 24 mm. at Jersey. There was snow in the north, heavy at Harrogate. Bright sunshine was variable, none in places, 4.3 hours at Southsea.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
17th November 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.	
	Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall, Milli- metres.	TEMP.		WEATHER.				
			Dir.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.																						
Lerwick	1019.6	34	NNW	3	c	1027.9	+4	38	+1	N	2	N	C	2	4	38	234	c	c.op	c	0.3	
Deerness	1019.3	37	N	5	cq	1028.1	*	37	-2	NNE	3	-	O	3	-	40	33	oq.co	o.c	cbab.o	0.5	
Stornoway	1021.4	39	NNW	3	bc	1028.7	+4	36	0	E	3	-	C	3	0.2	39	33	cg	bc	bc.op	2.5	
Castlebay (Barra Isd.)	1019.9	42	NNE	3	bc	1026.4	+2	40	0	E	3	-	bc	3	1	44	38	op.c	c.bc	bc.o.bc	6.2	
Glasgow	1019.6	39	NE	1	c	1029.0	+6	33	-2	ESR	1	NW	C	*	-	44	31	b	b.bc.c.o	bc.b.c	6.5	
Eskdalemuir	1019.4	35	NNE	2	or	1028.5	+4	30	-5	N	3	-	bc	1	1	39	28	bc	bc.c.or	b	5.2	
Malin Head	1018.9	44	NE	3	bcv	1025.2	+2	37	-5	S	2	-	bc	1	-	46	35	-	-	bc	7.0	
Markree Castle	1020.3	34	-	0	b	1025.0	*	24	-11	-	0	-	b	*	-	*	-	-	-	bma	6.7	
Blacksod Point	1019.1	41	-	0	bv	1022.5	+1	34	-3	SSE	3	S	bc	3	-	45	37	c.bcv	bcv	bc	6.7	
Valencia	1019.4	38	NE	2	b	1020.9	-1	44	-1	E	2	-	b	4	1	45	35	bcp	b	bc	6.7	
Roche's Point	1019.6	41	N	2	b	1022.6	*	48	+7	E	4	-	O	4	-	48	35	b	b	b.o	7.5	
Birr Castle	1019.4	35	N	1	b	1024.6	*	25	-11	N	1	-	b	-	-	44	35	b	b	x	7.5	
Donaghadee	1018.3	44	NE	3	bc	1026.6	+4	42	-1	SE	3	SE	bc	2	-	46	37	bcv	bc	bcm.bc	5.6	
Liverpool (Bidston)	1017.7	41	N	2	bc	1027.2	+3	37	-4	NNE	1	N	O	2	-	44	35	bc	b	bcx	5.0	
Holyhead	1017.3	46	ESE	4	bc	1023.0	+5	36	-10	ESE	1	-	bx	0	-	49	35	b	bc	bcx	5.0	
Pembroke (St. Ann's)	1018.2	40	NNE	1	b	1024.6	+3	36	-8	NE	3	-	b.m	2	0.1	49	36	oq	cp	b	5.2	
Newquay	1015.6	43	NNE	5	bc												oq, bcb	b.bc				
Scilly (St. Mary's)	1016.5	47	N	4	cp	1022.8	+3	47	-2	ESE	3	SE	C	4	2	52	41	cpq	bc.ch	cb.b.c	2.2	
Falmouth	1016.8	42	N	2	b	1024.5	+1	40	-6	NE	3	-	C	3	-	50	37	c.b	b	bc	6.1	
Jersey (St. Aubin)	1012.6	49	N	4	c	1024.1	*	42	-8	NE	3	-	b	3	0.3	51	40	opq	ou	b	0.5	
Portland Bill	1014.3	43	N	5	b	1024.7	+4	38	-7	NE	3	NE	b	4	-	48	36	c.bc	bc	b		
Dungeness	1008.8	43	NNE	5	cg	?	+6	33	-13	NNW	1	-	bx3	2	1	47	32	cpq	cpq	b.bx3	*	
Dover	1010.6	43	N	6	bcq	?	+6	36	-10	NW	4	-	b	4	3	46	35	or.o.c	bcq,ph	cp.b	0.3	
Wick	1019.8	36	N	3	c	1028.7	+5	33	-9	WNW	2	-	O	2	-	43	30	unph	o.c	bc.ox	0.0	
Nairn	1020.2	38	WNW	2	bc	1024.5	*	28	-11	-	0	-	cg	1	1	41	27	p.c	bc	bc	0.0	
Aberdeen	1018.8	35	WNW	3	bc	1028.4	+4	33	-3	NW	3	N	O	3	1	39	31	cp.bel	bc.op	bc.o	1.1	
Leith	1020.1	42	NNE	3	c	1028.6	+5	35	-5	WSW	1	-	cg	1	-	45	35	bc	c.o.c	O	*	
Tynemouth	1016.7	42	NNE	3	or	1026.7	+5	35	-9	NNW	3	NW	bcv	5	7	48	35	bcp	bcp	bcp	5.4	
Spurn Head	1015.0	36	NNE	4	bc	1026.5	+3	40	-5	NW	5	N	bcq,ph	5	2	46	36	bcq	bcq	bcq	5.4	
Yarmouth	1012.9	45	NE	8	cpq	1022.8	+6	41	-5	NNW	2	NW	C	3	1	47	33	on.bcp	bc.cpq	cp	3.7	
Clacton-on-Sea	1010.6	42	NNW	3	bc	1023.9	+6	35	-9	WNW	3	-	bc	2	2	48	33	a.c.p.b	bc.op	bc.bx	2.8	
Nottingham	1015.5	40	NE	2	b	1025.5	*	37	-3	N	3	-	b.m	*	-	47	36	bc	O	b	5.0	
Bath	1015.9	42	NNE	1	b	1027.1	+5	29	-13	-	0	-	m	*	-	47	28	o.c.b	bc.b	b.m	3.7	
London (Kew Obs.)	1014.1	42	NNE	3	b	1025.3	+4	32	-12	WSW	1	-	bma	*	0.2	47	32	bc.c.bq	bcq,b	b.bfa	3.8	
ICELAND, &c.																						
Spitsbergen	1008.0	8	-	0	S	1010.4	*	9	+9	-	0	*	S	*	?	9	0	GALES.				
Isafjord												*	*	*	*	*	*	Duration and Extreme Force in British Islands.				
Reykjavik												*	*	*	*	*	*					
Vestmanna												*	*	*	*	*	*					
Seydisfjord												*	*	*	*	*	*					
Thorshavn												*	*	*	*	*	*					
NORTHERN EUROPE.																						
Vardö	994.6	32	SW	2	O	1001.7	+4	32	0	WNW	3	-	b	3	-	32	30					
Bodö	1002.9	37	E	2	C	1013.7	+5	36	+13	NNW	4	-	C	2	*	37	21					
Christiansund	1009.6	37	NW	1	O	1021.0	+6	39	+7	NW	1	-	S	3	2.3	39	32					
Skudesnaes	1013.1	34	N	4	b	1020.7	+5	30	-2	E	2	-	b	1	-	37	28					
Færder (X'aniafjord)	1010.4	32	N	4	b	1018.6	+6	30	+2	N	2	-	b	1	-	32	28					
The Scaw (Skagen)	1008.2	36	NE	3	b	1017.3	+5	36	+4	N	4	-	bc	3	-	37	32					
Blaavands Huk	1008.8	30	NE	1	b	1017.7	+3	30	-4	NE	2	-	b	1	-	36	27					
Haparanda	999.0	25	N	2	O	1010.9	+6	12	-11	N	2	-	O	*	-	25	10					
Hernösand	1003.8	23	-	0	b	1013.5	+6	16	-5	SW	2	-	S	*	-	28	14					
Stockholm	1005.9	25	W	2	b	1012.4	+5	21	-2	NW	2	-	b	*	-	30	19					
Wisby	1005.6	34	ESE	2	r	1011.9	+5	37	+1	NNE	6	-	b	*	-	37	31					
Karlstad	1009.3	19	-	0	b	1017.6	+4	14	+4	N	2	-	b	*	-	21	10					
St. Petersburg																						
FRANCE, &c.																						
The Helder	1009.0	43	NNE	6	c	1019.9	+7	41	0	NNE	3	-	C	3	1	45	41					
Brussels	*	*	*	*	*									*								
C. Gris Nez														*								
La Hève	1011.0	46	N	5	bc	?	*	42	-6	NNE	3	*	bc	2	-	54	37					
Ushant														*								
Brest (St. Mathieu)														*								
Rochefort (Ile d'Aix)	1011.9	50	NNW	7	c	1024.3	+4	41	-12	ESE	5	*	bc	1	1	35	39					
Biarritz	1015.4	55	WSW	5	bc	1019.7	+2	45	-10	E	3	*	b	2	4	57	45					
Paris														*								
Belfort														*								
Lyons														*								
Nice	999.1	50	SE	2	b	1002.3	+2	45	-3	-	0	*	b	2	-	61	41					
Perpignan	1009.9	54	NW	5	bc	1014.7	+2	48	-6	-	0	N	b	*	trace	61	46					
Sanguinaire	*	57	NW	5	O	*	*	54	-3	W	6	*	O	*	80	61	48					
SOUTHERN EUROPE.																						
Corunna (7 a.m.)																						
Madrid (8 a.m.)																						
Lisbon (9 a.m.) †	1016.7	55	NNW	3	b	1013.9	-2	45	-12	N	2	-	O	6	-	59	45					
Gibraltar														*								
Rome														*								
SOUTHERN EUROPE.																						
Azores (Horta, 8 a.m.)																						
Madeira (Funchal)	1016.8	63	ESE	2	O	1011.8	-3	63	0	S</												

GALES.  
Duration and Extreme Force  
in British Islands.

Dunegness  
16th 2 p.m.-4 p.m. NNE 8  
Extreme NNE 9 @ 2 p.m.

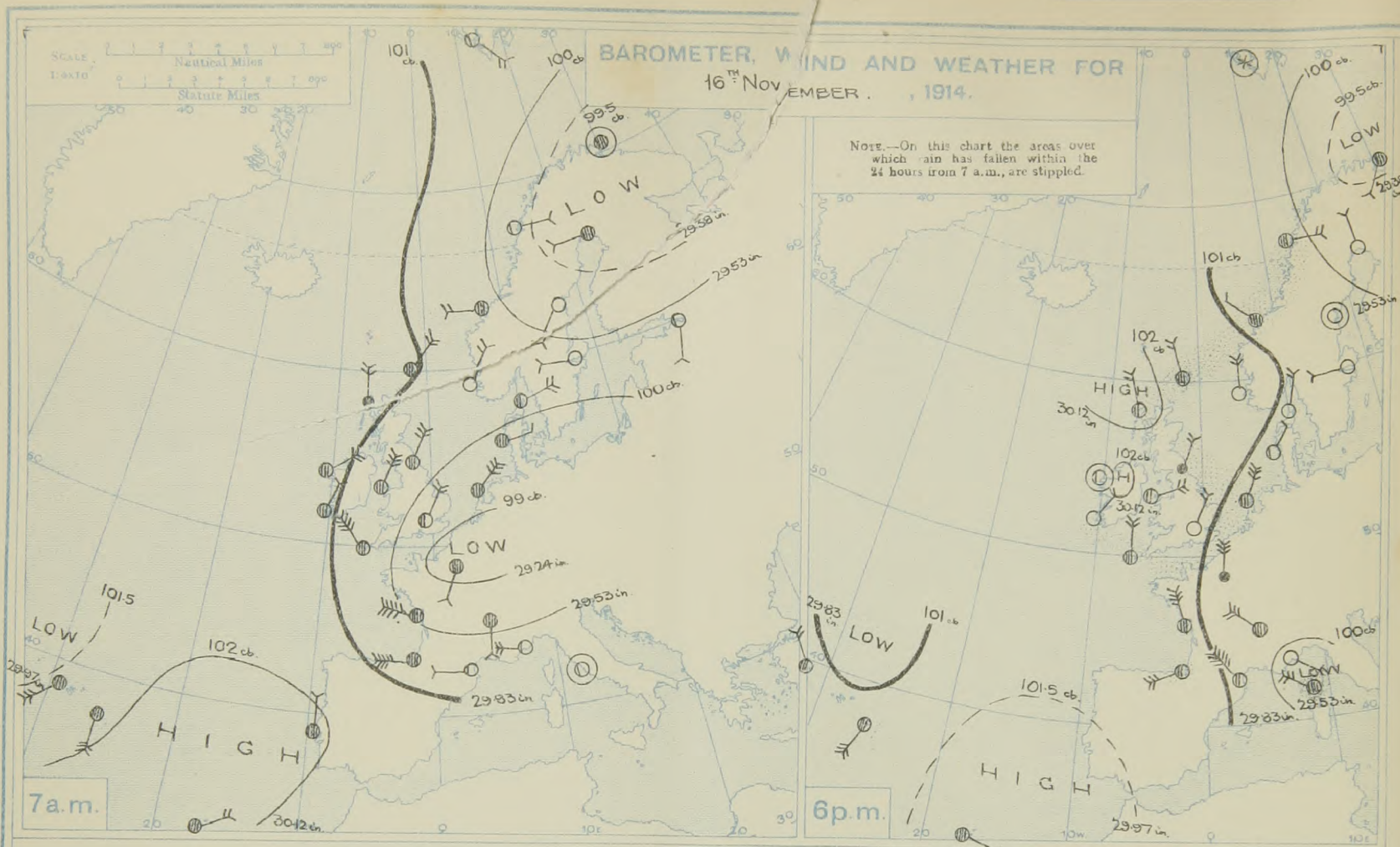
Yarmouth  
16th 7 a.m.-8 p.m. NE 8  
Extreme NE 9 @ 11 a.m.

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

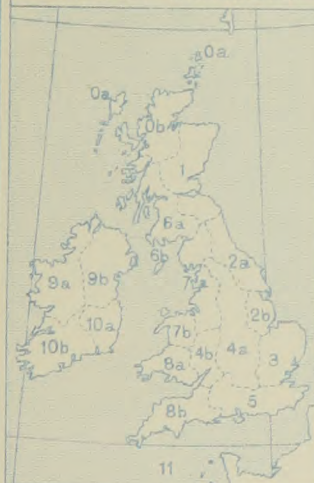
‡ The barometric change is expressed in half-millibars.





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

## FORECAST DISTRICTS.



## STORM WARNINGS.

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

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

No Warnings issued.

Western Channel and Bay 11

0 { Light variable Northerly to Easterly breezes, veering Southerly in west; generally fair to fine; cold.

1 { Light variable breezes between North-West and North-East; generally fair to fine, some coast showers; cold.

4 { Light variable breezes between North-West and North-east; generally fair to fine; cold.

5 Same as Nos. 1 to 3.

6 { Light variable Easterly breezes, veering Southerly and freshening somewhat; generally fair to fine; cold.

7 {

8 {

9 {

10 {

## FURTHER OUTLOOK.

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

W. N. SHAW, Director.

Millibars, Inch

1050

1040

1030

1020

1010

1000

990

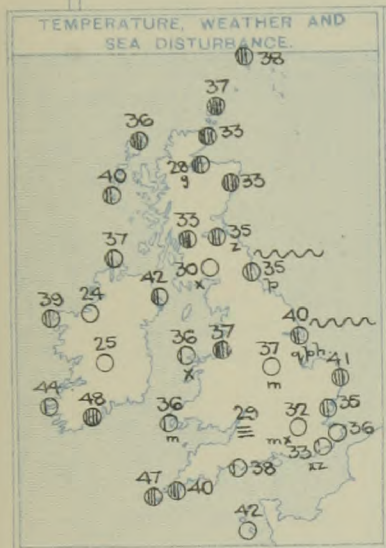
980

970



# GENERAL INFERENCE.

The quiet anticyclonic conditions will hold generally, but the western coasts are likely to be affected to some extent by a depression which is indicated on the Atlantic.



1/2 Inches.

31

30

29

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

Normal Temperature of the Sea.

Below 50 50-60 60-70 Above 70

Scale of Tints for NOVEMBER.

101.5

63

25.37

Bar. ceased rising

Bar. rising

Generally

## EXPLANATION.

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

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

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

TEMPERATURE.—Given in degrees Fahrenheit.

Isobars 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.

SEA DISTURBANCE.—Rough waves. High seas.



## DAILY WEATHER REPORT.

Tuesday, 17th November 1914.

REPORTS  
FOR  
YESTERDAY.

November 16th, 1914.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										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 0-9.					
			Dirac.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.								
Ushant	989.9	54	WSW	6	F	1000.2	+5	52	-2	WSW	7	-	0	8	5	55	48		
Rome	1007.4	50	N	1	b	1009.0	0	39	-9	N	1	-	b	0	-	59	39		
Petrograd	1000.3	36	S	2	C	1000.3	+2	34	-5	SSW	2	-	b	0	-	39	34		
Lyons	1005.6	45	S	4	O	1000.6	*	46	+13	S	2	-	0	*	1	48	43		

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.			
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.				
	mm. & .	° F.	° F.			Hr.		mm. & .	° F.	° F.			Hr.			
Scotland.	{ Oban ... ..	—	45	33	b	b	6.2	{ Tunbridge Wells ... ..	14	49	40	bc	bc bm	2.6		
	{ Banff ... ..	4	43	36	rgc	pcy bc	0.1	{ Margate ... ..	23	49	46	ca	ca	0.3		
	{ Carnoustie ... ..				*	*		{ Ramsgate ... ..	23	51	42	a	q	0.0		
	{ St. Andrews ... ..	3	44	33	*	*	3.7	{ Folkestone ... ..	24	47	42	bc rh	bc. dhr	1.1		
Engl. N.E.	{ Harrogate ... ..	3	43	32	b	b	5.5	{ Littlestone ... ..	*	*	*					
	{ Scarborough ... ..	*	47	42	o. c	c. b	5.5	{ Hastings ... ..	16	51	43	cr. bc	c. b	3.0		
	{ Skegness ... ..	5	47	38	bc	bc r. b	5.7	{ Bexhill-on-Sea ... ..	15	52	43	b	c	3.6		
								{ Eastbourne ... ..	11	52	43	bc. b	a. bc	3.9		
Engl. N.W.	{ Douglas (I. of M.) ... ..						{ Seaford ... ..	5	53	42	c. b	c	4.4			
	{ Morecambe ... ..						{ Brighton ... ..	19	49	44	bc. c. bc	bc. c. b	4.4			
	{ Blackpool ... ..	—	46	35	b	b	7.3	{ Worthing ... ..	23	47	43	b	b	6.6		
	{ Southport ... ..	—	45	36	b	bw	7.2	{ Littlehampton ... ..								
Midlands.	{ Buxton ... ..	1	41	34	b	b	8.7	{ Bognor ... ..	19	49	43	c	bc	4.8		
	{ Leamington Spa ... ..	—	46	37	bc	bc	4.0	{ Southsea ... ..	18	48	45	c	bc. c	5.0		
	{ Malvern ... ..	0.3	45	38	bc	bc. b	4.7	{ Bournemouth ... ..	6	47	41	b	b	2.5		
	{ Ross-on-Wye ... ..	2	46	37	bc	bc. b	4.2									
Wales.	{ Rhyl ... ..	1	47	43	b	b	0.5	{ Weymouth ... ..	7	47	43	bc. b	b3	7.3		
	{ Colwyn Bay ... ..	2	56	43	bc	bc	2.4	{ Exmouth ... ..								
	{ Llandudno ... ..	1	50	36	b	b	2.4	{ Teignmouth ... ..	—	48	42	c. bc	bc. b	3.6		
	{ Bettws-y-Coed ... ..							{ Torquay ... ..	7	50	44	0	c. bc. b	6.5		
	{ Aberystwyth ... ..	4	47	43	rc. b	c	7.0	{ Paignton ... ..	6	50	43	c	bc	5.7		
	{ Tenby ... ..	6	50	42	bc	bc	6.7	{ Plymouth ... ..								
England, E.	{ Swansea ... ..	8	49	41	b	b	7.0	{ Falmouth ... ..	10	50	42	c. b	b	4.0		
	{ Cromer ... ..	1	55	41	bc r	bc	4.6	{ Penzance ... ..	17	51	46	bc	b	5.3		
	{ Lowestoft ... ..	2	47	38	o q h x c	c o q h x	2.0	{ Bude ... ..								
	{ Felixstowe ... ..	1	48	41	cp q	cp q	2.1	{ Ilfracombe ... ..	4	49	44	c. bc	bc	3.2		
	{ Walton-on-Naze ... ..	1	47	40	bc. c	bc p. b	2.6	{ Weston-super-Mare ... ..	3	48	43	b	b	6.1		
	{ Southend-on-Sea ... ..	17	49	41	rc. bc	b bc r c	3.5									

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
	%	%	Hr.	° F.	° F.	° F.	mm. g			
Greenwich (Royal Obsy.) ...	71	90	2.7	48	32	26	—	bx	bc	b
City (Bunhill Row) ...	*	*	3.1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	67	83	2.7	49	32	31	—	b	b	bm
Camden Sq. (Brit. Rainfall)	76	84	4.3	49	31	27	1	c. b	cp. b	*
Hampstead (Reservoir) ...	*	86	4.7	45	29	19	—	bc	bcx	bx
Richmond Park ...	*	*	3.5							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	68	81	3.0	332 Joules		10.5 Milliwatts.		30 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.			
Dublin to 4 p.m.	—	—	—	—	—	—
Darwen to 9 p.m.	—	—	—	—	—	—
Manchester	—	—	—	—	—	—
Birmingham	—	45	36	35	c. b	4.4
Oxford to 8 p.m.	—	48	38	32	o. r. c	—
S. Kensington (Museum Grounds to 6 p.m.)	10	48	42	35	b	—

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

17th/18th November 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	7.14	11.38	3.57
	7.20	11.38	3.56
Greenwich	7.23	11.45	4.7
	7.24	11.45	4.6
Wick	8.7	11.57	3.47
	8.9	11.57	3.45
Valencia	8.7	12.26	4.46
	8.7	12.26	4.45

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 52° at Scilly, but did not exceed 38° at Lerwick. Showers of cold rain or hail fell in various localities. Generally the bright sunshine records were very good, ranging up to 7½ hours at Birr Castle.

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.

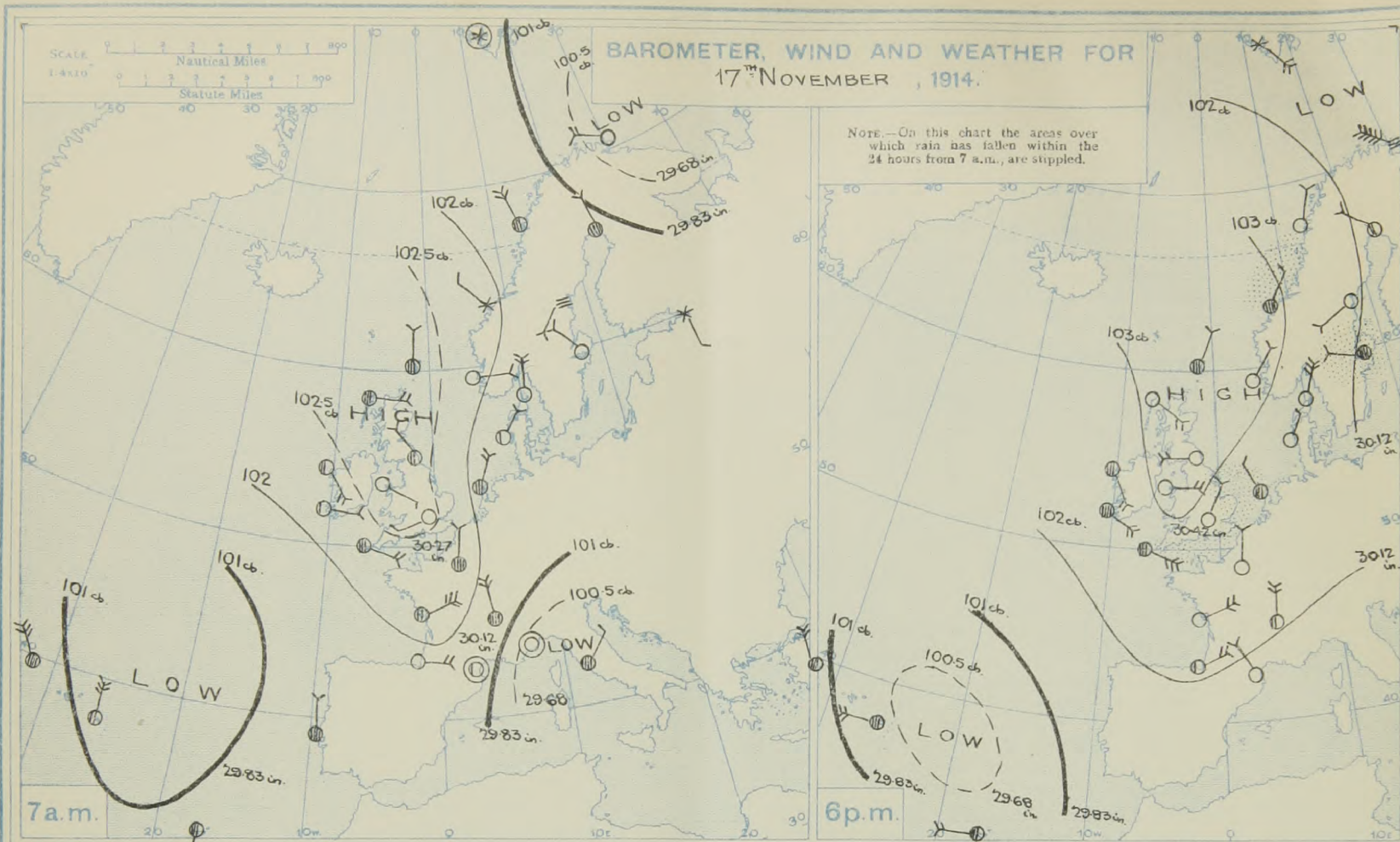
Wednesday,  
18th November 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.  Hours.																		
	Barom. Milli- bars at M.S.L.	TEMP.  ° F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.																						
			Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.																				
																						° F.	° F.																	
BRITISH ISLANDS.	Lerwick ...	1033.7	41	NNE	2	c	1033.4	-1	41	+3	SSW	2	-	c	1	-	42	338	c	c	bc	*																		
	Deerness ...	1033.5	40	E	1	o	1033.2	*	36	-1	SSW	2	SW	bc	2	1	42	34	o	d.me	o.c.bc	0.1																		
	Stornoway ...	1031.5	41	SE	3	b	1034.0	0	42	+6	S	4	-	bc	4	-	42	36	c.b	b	bc	5.0																		
	Castlebary (Barra Isd.)	1030.9	45	SE	4	bc	1034.3	+1	46	+6	SW	4	SW	bc	4	-	47	39	bc.o	o.bc	bc	0.0																		
	Glasgow ...	1033.7	32	ENE	1	b	1037.8	+2	28	-5	-	0	-	m	*	-	38	27	c.bc.bz	bz	b.bz	3.1																		
	Eskdalemuir ...	1034.3	30	NNE	2	b	1033.3	+1	27	-3	NW	1	-	bx	*	trace	39	26	bse.bc	bc.b	b.se.c	7.3																		
	Malin Head ...	1025.5	38	SSE	2	bc	1034.1	+2	36	-1	SSE	3	-	bc.m	2	-	44	35	bcz.	bc	bc.b.m	2.0																		
	Markree Castle ...	1028.4	39	SE	2	b	1035.2	*	32	+8	-	0	-	b	*	-	*	*	-	-	bm	0.3																		
	Blacksod Point ...	1024.5	43	SSE	3	cm	1033.4	+3	34	+5	SSE	3	SE	cm	3	-	44	42	bcz	bcz	c.cm	1.6																		
	Valencia ...	1023.6	49	ESE	4	o	1030.5	+3	44	0	E	3	-	bc	4	-	51	44	bcz	bcz	o.bc	1.6																		
	Roche's Point ...	1026.4	49	E	4	bc	1032.8	*	47	-1	ESE	4	E	bc	4	-	50	47	o.c	c.bc	b.bc	*																		
	Birr Castle ...	1027.9	40	E	1	c	1034.4	*	33	+8	-	0	-	o	-	-	46	25	b	c	no	1.7																		
	Donaghadee ...	1031.0	42	E	3	bc	1035.4	+2	42	0	S	3	S	o	2	-	45	40	bc	bc	bc.o	*																		
	Liverpool (Bidston) ...	1032.0	39	NE	2	m	1036.3	+1	36	-1	ENE	2	-	b	2	-	41	34	bm	cmf	bm.c	2.0																		
	Holyhead ...	1031.1	40	E	3	bm	1035.8	+1	40	+4	E	4	-	b.m	2	-	46	35	bm	bm	bm.c	7.4																		
	Pembroke (St. Ann's) ...	1024.3	42	NE	3	b	1034.2	+2	37	+1	ENE	3	NE	b	3	-	46	35	bm	bm	b	6.3																		
	Newquay ...	1026.3	40	ESE	2	b	1034.1	+4	36	0	NE	1	SE	bx	3	0.1	46	36	b	b.bz	bx	7.3																		
	Scilly (St. Mary's) ...	1025.7	48	ESE	5	c	1029.6	+2	49	+2	ESE	6	E	c	6	0.1	51	45	bcp.bc	bc	c	4.8																		
	Falmouth ...	1027.3	47	E	3	b	1031.4	+1	46	+5	HR	3	-	bc	5	-	49	39	-	-	bc	6.2																		
	Jersey (St. Aubin) ...	1026.4	47	NE	3	b	1030.8	*	44	+2	NE	3	NE	c	3	0.1	51	41	bc.ep	bc.b	bc.p	6.8																		
	Portland Bill ...	1027.6	42	NE	4	b	1032.2	+2	39	+1	NE	4	-	b	4	-	46	37	b	b	b	*																		
	Dungeness ...	1026.8	38	N	2	b	1033.2	+6	40	+7	E	3	NE	bx	3	-	45	32	b.bc	bc.b	b	*																		
	Dover ...	1027.1	40	N	4	b	1034.1	+4	36	0	NE	1	SE	bx	3	0.1	46	36	b	b.bz	bx	7.3																		
Wick ...	1034.0	42	SE	2	o	1035.0	-1	33	0	SW	1	-	bc	2	-	42	31	cm	cm	cm.bc	*																			
Nairn ...	1034.5	28	-	0	bc	1036.5	*	29	+1	W	1	-	cm	2	-	35	22	c	bc	cm	1.7																			
Aberdeen ...	1033.7	36	WNW	2	c	1037.0	*	30	-3	W	1	SW	b	2	-	38	29	c.bc	c.bc	c.bc.b	3.0																			
Leith ...	1034.0	39	NE	1	bc	1037.3	+2	35	0	WSW	2	-	c	-	-	45	33	bz.b	h.bz	f	*																			
Tynemouth ...	1031.5	43	W	3	bm	1036.0	+2	40	+5	NW	2	S	cm	2	-	43	35	c	cp	cm	*																			
Spurn Head ...	1030.4	41	NNE	4	bc	1035.2	+4	43	+3	ENE	3	-	bcz	5	3	46	38	bcz.p	bcz.p	bcz.p	2.1																			
Yarmouth ...	1028.4	44	N	4	cpm	1034.7	+3	43	+2	NNE	1	-	bcp	2	2	46	37	cp	cpm	bcz.p	4.3																			
Clacton-on-Sea ...	1027.4	39	NNW	3	b	1033.6	+5	39	+4	NNW	2	N	c	1	0.1	45	33	bc	bc.bm	bm.p	6.3																			
Nottingham ...	1031.0	39	NE	3	b	1035.8	*	30	-7	NE	1	-	b.m	*	-	44	26	bm	bm	bm	5.8																			
Bath ...	1029.8	33	E	1	b	1034.9	+3	27	-2	W	1	-	m	*	-	46	25	m.b	bm	bm	5.7																			
London (Kew Obsy.)	1029.5	39	MNE	2	bm	1034.6	+4	32	0	S	1	E	cm	*	-	44	31	b.bz	b.bm	bz.bz	5.9																			
ICELAND, FAEROE, &c.	Spitsbergen ...	1016.6	7	SE	4	S	1014.1	*	10	+1	SE	1	*	S	*	10	7	-8	-	-	-	-																		
	Isafjord ...												*	*	*	*	*	*	*	*	*	*																		
	Reykjavik ...												*	*	*	*	*	*	*	*	*	*																		
	Vestmanna ...												*	*	*	*	*	*	*	*	*	*																		
	Seydisfjord ...												*	*	*	*	*	*	*	*	*	*																		
	Thorshavn ...												*	*	*	*	*	*	*	*	*	*																		
													*	*	*	*	*	*	*	*	*	*																		
NORTH EUROPE.	Vardö ...	1017.5	32	NW	10	m	1022.7	+1	34	+2	NW	4	-	S	3	*	36	27	-	-	-	-																		
	Bodö ...	1027.3	37	NNE	2	b	1031.4	0	30	-6	ENE	4	-	O	2	*	37	28	-	-	-	-																		
	Christiansund ...	1031.4	39	NE	1	o	1033.5	-3	36	-3	SE	1	-	O	3	*	37	34	-	-	-	-																		
	Skudesnaes ...	1030.7	34	NE	2	b	1034.9	0	30	0	ENE	2	-	b	1	-	37	28	-	-	-	-																		
	Færder (X'ania Fjord) ...	1028.2	36	NNW	4	b	1033.1	+2	36	+6	NNW	4	-	b	2	-	36	30	-	-	-	-																		
	The Scaw (Skagen) ...	1025.0	36	NNE	5	b	1031.7	+3	37	+1	NNE	6	-	c	5	-	39	34	-	-	-	-																		
	Blaavands Huk ...	1026.5	32	MNE	1	b	1033.2	+2	34	+4	E	1	NE	b	3	-	37	28	-	-	-	-																		
	Haparanda ...	1014.5	19	NNW	2	bc	1030.6	+4	14	+2	N	2	-	O	*	-	30	12	-	-	-	-																		
	Hernösand ...	1021.6	28	WSW	2	b	1032.6	+4	27	+11	-	0	-	b	*	-	30	16	-	-	-	-																		
	Stockholm ...	1018.6	30	NW	2	o	1026.6	+4	30	+9	N	2	-	O	*	-	32	21	-	-	-	-																		
FRANCE, &c.	Wisby ...	1017.5	37	NNE	6	bc	1023.4	+4	36	-1	ENE	4	-	bc	*	-	36	14	-	-	-	-																		
	Karlstad ...	1024.8	27	W	2	b	1031.4	+3	27	+13	-	0	-	b	*	-	39	14	-	-	-	-																		
	St. Petersburg ...														*	-			-	-	-	-																		
	The Helder ...	1026.3	41	NNW	1	c	1033.3	+3	39	-2	ENE	2	-	c	2	4	45	39	-	-	-	-																		
	Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																		
	C. Gris Nez ...	1025.2	45	NNE	6	bc	1033.9	+4	34	-7	E	3	*	b	2	3	48	34	-	-	-	-																		
	La Hève ...	1026.1	41	NE	3	m	1030.4	*	35	-7	ENE	2	*	m	2	2	54	34	-	-	-	-																		
	Ushant ...												*	*	*	*	*	*	*	*	*	*																		
	Brest (St. Mathieu) ...	1025.6	48	ESE	3	b	1030.9	+2	45	-3	SE	3	*	b	3	-	57	43	-	-	-	-																		
	Rochefort (Ile d'Aix) ...	1023.4	43	ENE	4	b	1026.1	+2	36	-5	ENE	4	*	b	*	-	52	36	-	-	-	-																		
Biarritz ...	1026.2	45	ENE	3	b	1023.3	+1	32	-13	E	3	*	O	2	-	54	32	-	-	-	-																			
Paris ...	1024.8	37	N	3	b	1030.9	+3	28	-8	NE	2	-	b	*	-	48	28	-	-	-	-																			
Belfort ...												*	*	*	*	*	*	*	*	*	*																			
Lyons ...												*	*	*	*	*	*	*	*	*	*																			
Nice ...												*	*	*	*	*	*	*	*	*	*																			
Perpignan ...	1016.0	43	NW	2	b	1018.9	+4	39	-9	NW	6	*	b	*	-	52	37	-	-	-	-																			
Sanguinaire ...	*	54	E	2	bc	*	*	54	0	E	2	*	O	5	-	66	46	-	-	-																				

## RAINFALL. Equivalents of Millimetres. in inches.

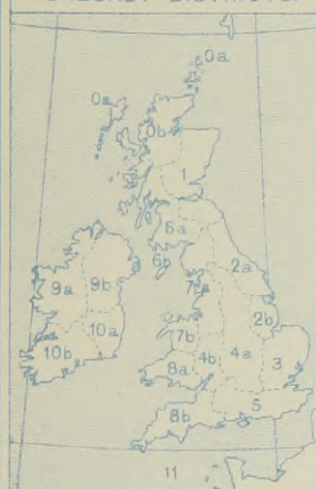
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

**No Warnings Issued.**

Western Channel and Bay 11

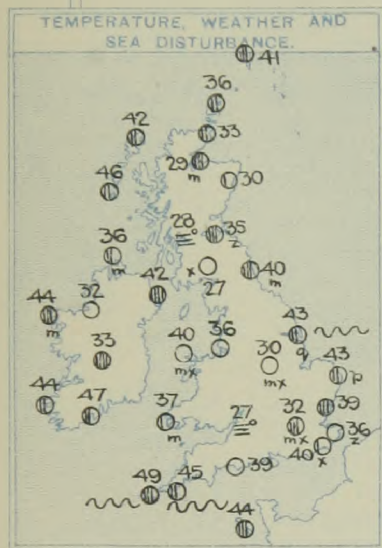
- |    |   |  |
|----|---|--|
| 0  | a | Light to moderate breezes between South and West; generally fair to fine; temperature moderate to cold.                  |
|    | b |  |
| 1  | a | Light variable breezes, mainly Westerly and South-Westerly; generally fair to fine, local mist or fog; rather (cold.     |
|    | b |  |
| 2  | a | Variable North-Easterly and Easterly breezes, mostly very light; generally fair to fine, local mist or fog; rather cold. |
|    | b |  |
| 3  | a |  |
|    | b |  |
| 4  | a |  |
|    | b |  |
| 5  | a |  |
|    | b |  |
| 6  | a | Same as No. 1.   |
|    | b |  |
| 7  | a | Same as Nos. 2 to 5.   |
|    | b |  |
| 8  | a |  |
|    | b |  |
| 9  | a | Light to moderate breezes between East and South; mostly fair to fine, local mist; generally cold                        |
|    | b |  |
| 10 | a |  |
|    | b |  |
| 11 | a | Light to moderate Easterly breezes; slight or moderate sea; fine generally; cold.  |
|    | b |  |

**FURTHER OUTLOOK.**



# GENERAL INFERENCE.

The anticyclone continues to increase in intensity, and the very quiet conditions are likely to be maintained for the present.



Inches.

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## DAILY WEATHER REPORT.

Wednesday, 18th November, 1914.

REPORTS  
FOR  
YESTERDAY.

November 17th, 1914.

## EVENING OBSERVATIONS.

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

## STATIONS.

Barom.  
Milli-  
bars at  
M.S.L.

TEMP.

WIND.

Force  
0-12

Weather

Barometer.

TEMP.

WIND.

Force  
0-12Dirac.  
of  
Upper  
Cloud.

Weather.

Sea  
0-9.Rain-  
fall.  
Milli-  
metres.

TEMP.

Max.

Min.

Petrograd  
C. Griz Nez  
Brest  
Paris  
Lyons  
Rome  
Azores1008.0  
1008.6  
1016.9  
1008.7  
1003.8  
1002.3  
1011.636  
45  
49  
43  
47  
50  
4S  
NNE  
NNW  
N  
W  
SE  
-1  
8  
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6  
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1  
0O  
C  
bc  
T  
T  
C  
O1012.3  
1021.7  
1023.8  
1021.6  
1016.4  
1001.1  
1010.1+2  
+4  
+2  
+6  
+4  
0  
032  
41  
48  
36  
38  
45  
55-2  
-5  
+2  
-10  
-8  
+6  
-9S  
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ESE  
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NNW  
NE  
NW1  
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## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				Tunbridge Wells ...		° F.	° F.			
Oban ...	...	44	26	b	b	6.0	Margate ...	...	46	31	mb	bm	6.4
Banff ...	0.3	41	35	bc.c	c	0.3	Ramsgate ...	...	46	41	b	b	5.3
Carnoustie ...	...	...	...	...	...	...	Folkestone ...	...	45	38	bc	bc	6.4
St. Andrews ...	...	...	...	...	...	...	Littlestone ...	...	45	36	b.bc	bc.b	7.3
England, N.E.							Hastings ...	...	45	36	b	b	8.1
Harrogate ...	1	41	31	b	bc.0	5.5	Bexhill-on-Sea ...	...	47	35	b	b	6.0
Scarborough ...	...	45	24	c.b	0.c	0.7	Eastbourne ...	...	47	36	b	b	7.4
Skegness ...	...	45	35	bc.T.bc	bc	3.6	Seaford ...	trace	44	35	b	b	7.5
England, N.W.							Brighton ...	...	44	35	b	b	7.4
Douglas (I. of M.) ...	...	44	32	b	b	7.0	Worthing ...	...	50	34	b	b	7.0
Morecambe ...	...	44	31	b	b	7.2	Littlehampton ...	...	...	...	...	...	...
Blackpool ...	...	42	29	b	b	5.8	Bognor ...	0.3	45	34	b	b	7.1
Southport ...	...	...	...	...	...	...	Southsea ...	...	45	34	b	b	...
Midlands.							Bournemouth ...	...	46	31	b	b	7.6
Buxton ...	...	39	28	b	b	5.6	Weymouth ...	...	46	33	bc	bc	7.7
Leamington Spa ...	...	43	27	mbc	bc.m	3.7	Exmouth ...	...	48	44	b	b	6.0
Malvern ...	...	41	35	bc	b	4.7	Teignmouth ...	...	...	...	...	...	...
Ross-on-Wye ...	...	...	...	...	...	...	Torquay ...	...	48	34	b	bc.c.bc	5.3
Wales.							Paignton ...	...	...	...	...	...	...
Rhyl ...	...	44	27	b	b	4.7	Plymouth ...	...	49	37	bc	c.b	6.2
Colwyn Bay ...	...	43	31	bc	bc	6.2	Falmouth ...	...	...	...	...	...	...
Llandudno ...	...	45	31	b	b	6.4	Penzance ...	1	50	38	b	bc	6.2
Bettws-y-Coed ...	...	...	...	...	...	...	Bude ...	...	...	...	...	...	...
Aberystwyth ...	...	47	30	bc.b	b.bc	7.8	Ilfracombe ...	...	47	38	b	b	6.8
Tenby ...	0.3	46	44	bc	bc	6.9	Weston-super-Mare ...	...	48	32	b	b	6.0
Swansea ...	...	45	33	b	b	6.5							
England, E.													
Cromer ...	1	45	39	bc	bc	6.2							
Lowestoft ...	1	48	38	bc.c.or	bc	5.4							
Felixstowe ...	...	46	33	bc	bc	6.8							
Walton-on-Naze ...	...	46	33	bc.b	b.bc	6.4							
Southend-on-Sea ...	...	45	36	b	b	7.5							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.				Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.	Weather.					
				Max.	Min.		Fore- noon.		After- noon.	Night.		
24 HOURS ENDED 9 A.M. TO-DAY.												
	%	%	Hr.	° F.	° F.	° F.	mm. §					
Greenwich (Royal Obs.) ...	79	95	5.1	43	32	24	-	b	b	b bc		
City (Bunhill Row) ...	*	*	3.8	*	*	*	*	*	*	*		
Westminster (St. James's Pk.)	71	82	3.2	45	35	31	-	b	bc	bf		
Camden Sq. (Brit. Rainfall)	76	95	5.9	44	30	27	-	b	b	*		
Hampstead (Reservoir) ...	*	86	6.9	43	30	19	-	bc	bc	bc		
Richmond Park ...	*	*	4.5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								
Kew. (See front page.)												
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)	74	82	5.5	Joules		Milliwatts.		Milliwatts.				

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm §	° F.	F.	F.				Hr.
Dublin to 4 p.m.	-	46	32	30	bc c	bc c	c b	*
Darwen to 9 p.m.	-	40	31	25	bc m	bc	bc	4.8
Manchester "	-	43	30	*	bc sz	sz c o	o	0.9
Birmingham "	-	43	31	21	*	sz b	b	3.7
Oxford to 8 p.m.	*	46	31	22	b bc bf	bf. bc	bc b	*
S. Kensington (Museum Grounds to 6 p.m.)	-	44	34	26	b w b	b. bc	bc. bz	*

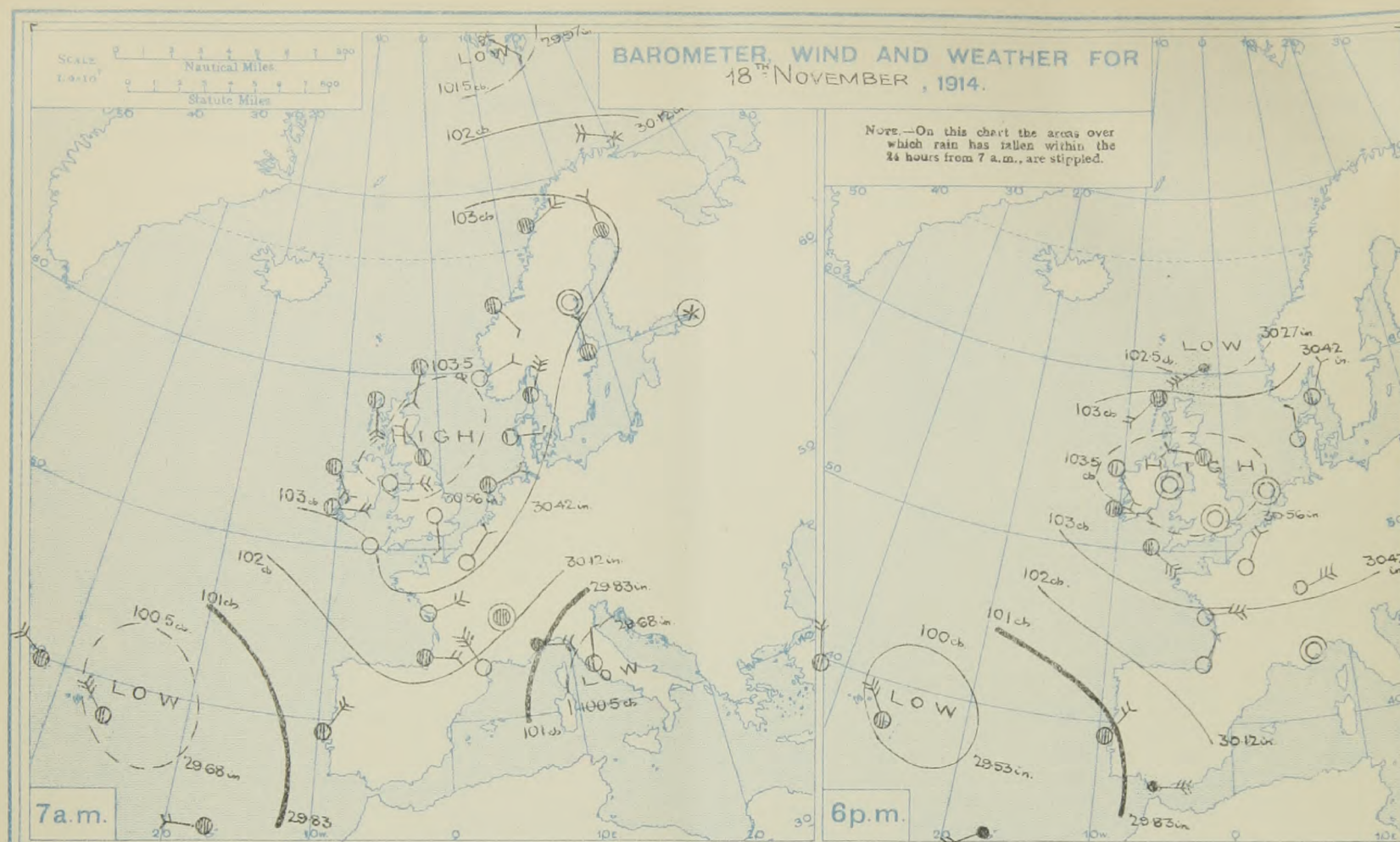


## 1914

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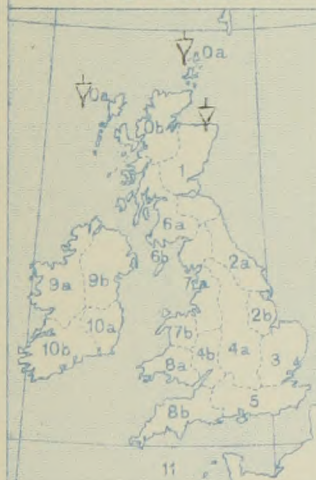
‡ The barometric change is expressed in half-millibars.





FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

Cones hoisted at 7-16 p.m. yesterday.

Western Channel and Bay 11

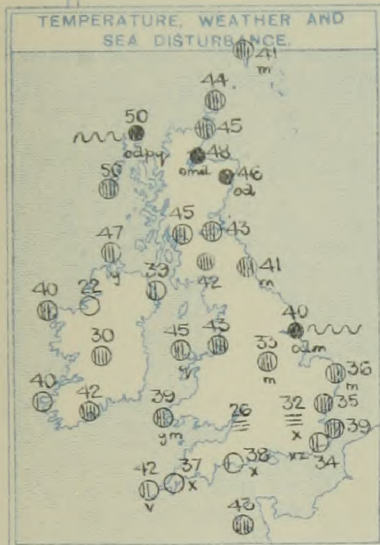
- |    |        |  |
|----|--------|--|
| 0  | a<br>b | } North-Westerly to Northerly breezes; generally fresh to moderate; changeable, some showers and mist; mild day, cold night. |
| 1  |        |  |
| 2  | a<br>b |  |
| 3  |        | } Light breezes mainly between West and North, fair to dull, mist or fog in places; cold.                                    |
| 4  | a<br>b |  |
| 5  |        |  |
| 6  | a<br>b | } Same as Nos. 0 to 2.   |
| 7  | a<br>b |  |
| 8  | a<br>b | } Light variable breezes; mostly fair to fine, local mist or fog; cold.  |
| 9  | a<br>b |  |
| 10 | a<br>b | } Same as Nos. 0 to 2.   |
|    |        |  |
|    | a<br>b | } Same as No. 8.   |
|    |        |  |
|    |        | } Light to fresh Easterly breezes; moderate sea; fair to cloudy; cold.   |
|    |        |  |

**FURTHER OUTLOOK.**



# GENERAL INFERENCE.

The changes in progress  
favour somewhat less stable  
conditions in the northern and  
eastern districts.

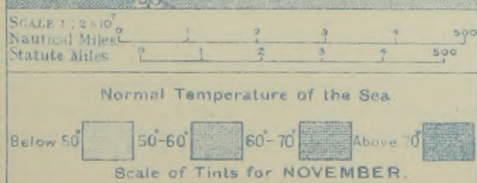


Inches.

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30

29



LOW

**EXPLANATION.**

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

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

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

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

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



## DAILY WEATHER REPORT.

Thursday, 19th November, 1914.

REPORTS  
FOR  
YESTERDAY.

18th November.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.		
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.						
Petrograd	1017.0	30	N	1	f	1021.1	+3	30	-2	NW	1	-	S	*	-	26	16
Nice	1005.2	50	E	2	b	1010.0	+4	47	+2	E	4	*	r	4	Trace	57	45
Rome	1002.7	50	NE	1	o	1002.2	+1	45	0	N	1	-	bc	*	-	55	43
Azores	1008.3	*	NW	4	bc	1006.0	0	55	0	NNW	5	-	r	5	q	59	54

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				Tunbridge Wells ...		° F.	° F.			
Oban ...	-	41	29	c	u	0.0	Margate ...	-	48	29	mb, bc	b, bc, bm	6.4
Banff ...	-	40	29	c2	c, o	0.3	Ramsgate ...	3	47	39	b, bc, r	b, bc, r	3.5
Carnoustie ...	-	*	*	*	*	*	Folkestone ...	1	46	37	bc	bc	4.4
St. Andrews ...	-	41	28	b	c	0.7	Littlestone ...	-	48	39	bm, r	r, o, r	6.0
Eng. N.E.							Hastings ...	-	46	34	f, me	b, bc, o	8.0
Harrogate ...	-	42	31	b	b, bc, b	5.2	Bexhill-on-Sea ...	Trace	47	35	b	bc, o	7.5
Scarborough ...	-	46	40	c, b	c, b	0.5	Eastbourne ...	-	52	33	mb	b	7.1
Skegness ...	0.3	47	37	bc, r	r, bc	5.4	Seaford ...	Trace	45	32	b	b	7.1
Eng. N.W.							Brighton ...	-	46	35	bc, b	b	7.1
Douglas (I. of M.) ...	-	43	30	b	b	5.0	Worthing ...	-	47	33	b	b	7.8
Morecambe ...	-	42	27	m	bm	4.5	Littlehampton ...	-	46	33	b	b	7.9
Blackpool ...	0.3	39	28	b3	bm30	1.5	Bognor ...	-	46	33	b	b	7.9
Southport ...	-	41	23	b	b	3.9	Southsea ...	-	46	30	b	b	7.2
Midlands.							Bournemouth ...	-	46	30	b	b	7.2
Buxton ...	-	44	25	mbc	bc, m	4.7	Weymouth ...	-	47	34	bc	b, bc3	7.4
Leamington Spa ...	-	43	32	b	b	4.3	Exmouth ...	-	49	36	b, bc	bc, bc	4.4
Malvern ...	-	45	25	b	b	5.4	Teignmouth ...	-	48	37	b	bc, bc	4.5
Ross-on-Wye ...	-	46	30	b	b	5.4	Torquay ...	-	47	37	b	bc, bc	4.5
Wales.							Paignton ...	-	49	43	bc	bc	4.4
Rhyl ...	-	45	25	b	b	5.0	Plymouth ...	-	49	40	bc	bc	2.8
Colwyn Bay ...	-	45	29	bc	bc	5.6	Falmouth ...	-	47	36	bc3	b	6.5
Llandudno ...	-	46	30	b	b	5.4	Penzance ...	-	47	30	b	b	6.1
Bettws-y-Coed ...	-	47	31	hcb	bc, m	6.7	Bude ...	-	47	36	bc3	b	6.5
Aberystwyth ...	-	46	37	bc	bc	5.5	Ilfracombe ...	-	47	36	bc3	b	6.5
Tenby ...	-	46	35	b	b	6.1	Weston-super-Mare ...	-	44	30	b	b	6.1
Swansea ...	-	47	41	bc	bc	4.6							
England, E.													
Cromer ...	-	47	41	bc	bc	4.6							
Lowestoft ...	-	48	34	bc	bc	6.2							
Felixstowe ...	1	47	34	bc, bc	bc, bc, u	5.0							
Walton-on-Naze ...	1	47	34	bc, bc	bc, bc, u	5.0							
Southend-on-Sea ...	-	48	36	c, b	c, b	6.7							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	Hr.	° F.	° F.	° F.	mm.‡			
Greenwich (Royal Obs.) ...	65	97	3.9	46	29	26	-	b	cg	fx
City (Bunhill Row) ...	*	*	1.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	67	91	0.2	47	31	29	-	b	b	s
Camden Sq. (Brit. Rainfall)	67	95	4.1	46	30	26	Trace	bomb	b	*
Hampstead (Reservoir) ...	*	87	6.3	44	28	27	-	b	fx	fx
Richmond Park ...	*	*	0.8							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	65	87	1.9							
				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
				Total. 230 Joules		Average Rate. 7.3 Milliwatts.		Max. Rate. 18 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL. mm. §	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.		After- noon.	
Dublin to 4 p.m.		° F.	° F.	° F.		
Darwen to 9 p.m.						
Manchester "						
Birmingham "						
Oxford to 8 p.m.	*	47	28	20	b, bc, f	bc, bm, m
S. Kensington (Museum Grounds to 6 p.m.)	-	45	31	27	b, bc, bm, m, f	bc, b3

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

19th Nov. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.22	11.38	3.55
Greenwich ...	7.24	11.39	3.54
Wick ...	7.26	11.45	4.5
Valencia ...	8.12	11.46	4.4
	8.14	11.58	3.43
	8.14	12.26	3.42
	8.14	12.27	4.44
	8.14	12.27	4.44

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 45° in many districts, but some northern stations remained below 40°, Glasgow maximum being 36°. There was little or no bright sunshine in Scotland and Kerry, but elsewhere the records generally were very good, up to 8 hours at Hastings.

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.

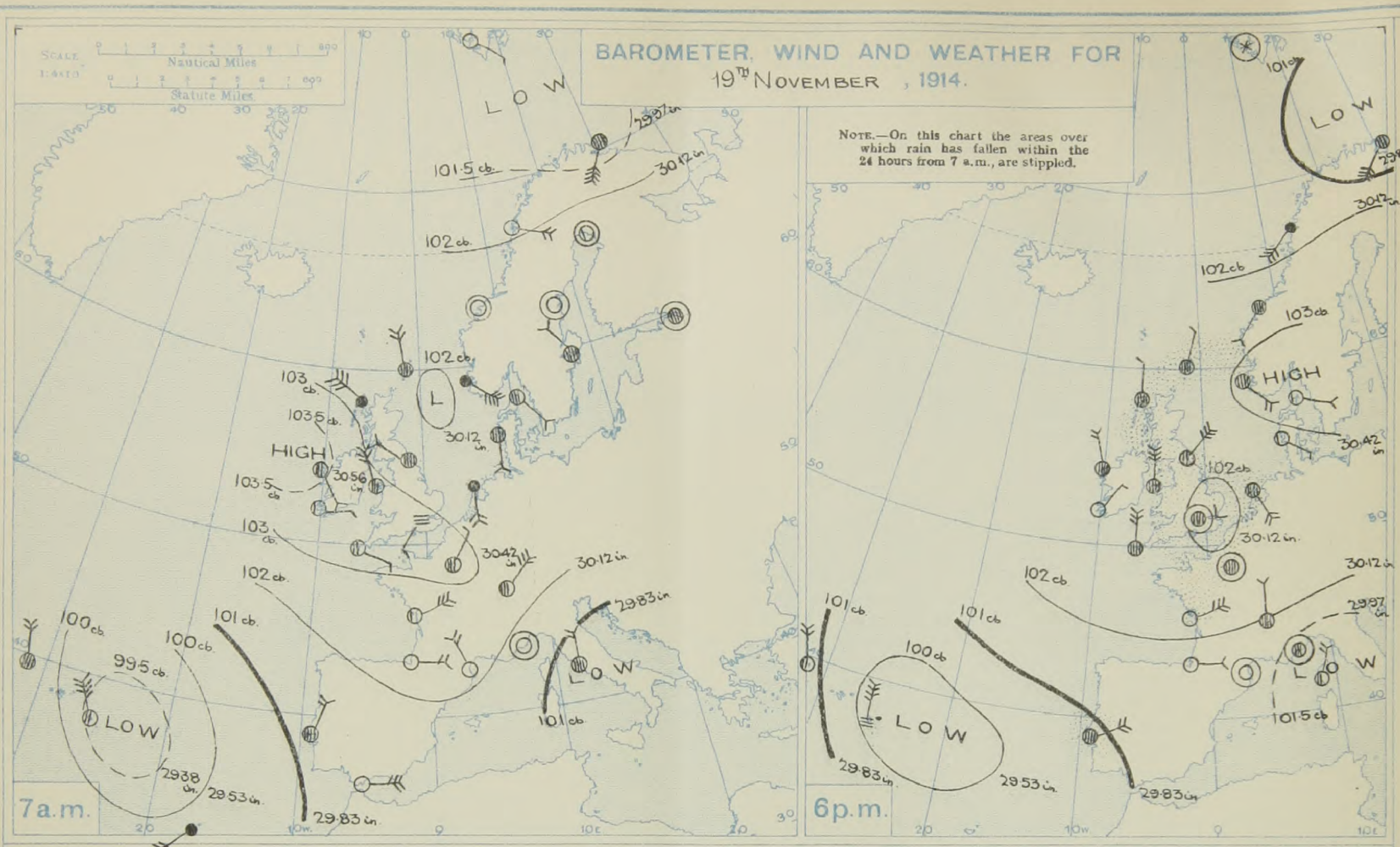
Friday,  
20th November 1914.

STATIONS	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Barometre.		TEMP.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.					° F.	° F.	Morning.	Afternoon.	Night.		
																						Hours.
BRITISH ISLANDS.	Lerwick ...	1028.3	42	N	1	om	1029.4	0	41	0	N	1	NE	c	1	2	42	38	c	c	c	*
	Deerness ...	1028.4	41	N	3	b	1029.1	*	41	-3	NW	2	-	o	2	1	49	39	o	o.c.p. bc	bc.p. o	0.0
	Stornoway ...	1025.7	46	N	1	op	1029.3	0	44	-6	-	0	-	og	0	1	50	40	adm. o	o	b. og	0.0
	Castlebay (Barraisd.)	1028.7	49	NW	3	cp	1028.3	0	45	-5	E	2	-	bc	2	1	51	43	a.c. opm	omd. op	cd. p. bc	0.0
	Glasgow ...	1027.4	43	NE	2	b	1028.4	0	40	-5	NE	1	E	o	*	0.1	50	39	c. o	a.c. bc	c. o. c. o. d	0.0
	Eskdalemuir ...	1026.3	41	NNE	4	r	1028.3	+2	40	+2	-	0	NE	o	*	Trace	46	39	o	or	or. o. d	0.2
	Malin Head ...	1027.4	50	N	6	ogm	1027.2	0	45	-2	SE	2	SE	bc	2	0.2	51	43	ogm	og	og. d	0.0
	Markree Castle	1029.1	34	-	0	b	1026.4	*	38	+16	-	0	-	c	*	*	*	ogm	om. c	o. c	0.0	
	Blacksod Point	1026.3	46	NNW	3	o	1026.0	-1	45	+5	SE	2	SE	om	2	-	50	41	og	og	bc. bc	0
	Valencia ...	1028.9	41	NE	1	b	1023.7	0	45	+5	ENE	1	NE	b	3	-	48	35	bc	bc	bc	2.3
	Roche's Point	1028.2	43	N	3	c	1024.0	*	44	+2	NE	3	-	o	2	0.1	47	40	o. c	bc. c	o. o	*
	Birr Castle ...	1029.1	38	SE	1	o	1025.3	*	40	+10	-	0	-	o	*	-	41	29	c. o	o	o	1.2
	Donaghadee ...	1025.4	49	NE	5	ogm	1025.9	+1	45	+6	E	2	-	om	1	-	51	38	bc. m	ogm	og. bc. c	*
	Liverpool (Bidston)	1024.0	43	N	3	bc	1026.8	+1	39	-4	E	2	E	o	2	-	49	39	om	om	o	0.0
	Holyhead ...	1024.0	51	N	6	opdg	1024.7	+1	43	-2	E	5	-	bc	4	0.2	52	43	c. om	opdg. m	or. bc. o	0.0
	Pembroke (St. Ann's)	1023.6	47	NNW	2	r	1023.6	0	43	+4	NE	3	NE	og	2	1	48	37	ogm	og	om	0.8
	Newquay ...	1022.3	46	N	4	o													bc. v	cr	om. c. d	3.4
Scilly (St. Mary's)	1024.6	47	N	5	o	1019.7	0	45	+3	E	4	-	b	5	-	52	41	bc	c. b	bc. p. o	1.8	
Falmouth ...	1023.4	44	NW	2	b	1020.7	+1	40	+3	NNE	3	-	c	4	1	48	36	c. o	og	ogm. r. o	0.8	
Jersey (St. Aubin)	1022.5	45	NW	3	ogm	1021.8	*	40	-3	E	5	E	o	3	8	46	39	c	c. o	or. b	*	
Portland Bill ...	1021.7	43	NW	4	or	1021.5	+2	40	+2	E	6	SE	c	4	4	46	38	1. c. odr	ors	or. bc	*	
Dungeness ...	1019.7	34	NW	2	r	1025.8	+2	35	+1	E	4	E	bc	3	9	39	33	c. c	oprs. m	rs. bc	0.0	
Dover ...	1020.1	34	SW	1	s	1027.3	*	35	-4	E	4	E	bc	4	7	39	33	c. c	oprs. m	rs. bc	0.0	
Wick ...	1028.5	44	NW	3	o	1024.6	0	41	-4	WNW	2	-	o	2	-	45	40	om	om	om	*	
Nairn ...	1028.6	45	N	1	omg	1024.6	*	40	-8	-	0	-	dmu	1	1	48	40	ogm	om	omd	0.0	
Aberdeen ...	1027.7	43	NNW	3	c	1024.1	+1	41	-5	NW	3	S	o	2	-	46	40	c. o	of	c. bc. o	0.1	
Leith ...	1027.7	47	NE	3	c	1027.9	+1	44	+1	W	1	-	o	*	0.2	48	43	c. po	o. c	o. d	*	
Tynemouth ...	1023.7	46	NE	6	bc. p.	1028.2	+2	43	+2	S	2	-	om	3	1	48	40	omp	cpq	om	*	
Spurn Head ...	1020.4	44	NNE	6	c	1027.1	-3	43	+3	S	2	-	or	5	1	46	39	or	or. c.	bc. p.	0.5	
Yarmouth ...	1019.3	40	SE	3	o	1028.4	+3	39	+3	SE	5	E	c	3	5	43	31	orsf	orf	o. c	0.0	
Clacton-on-Sea	1018.7	38	W	1	og	1026.6	+1	40	+3	ESE	3	SE	bc	2	8	42	34	omrsh	ogm	ogm. bc	0.0	
Nottingham ...	1021.9	42	NE	3	c	1027.6	*	34	+1	E	1	E	c	*	1	46	32	o. om	om. c	c	0.0	
Bath ...	1022.0	40	W	1	r	1025.4	+4	38	+2	E	3	E	o	*	1	43	25	fg	mg. r. d	d. o. bc	0.0	
London (Kew Obs.)	1019.5	39	-	0	om	1026.5	+3	36	+4	SE	1	-	om	*	4	42	32	fx. omr	omr. d. om	omr. m	0.0	
ICELAND, FAEROE, &c.	Spitsbergen ...	1015.3	3	-	0	s	1013.7	-4	7	+16	-	0	*	o	*	-	7	-8	*	*	*	*
	Isafjord ...																	*	*	*	*	
	Reykjavik ...																	*	*	*	*	
	Vestmanna ...																	*	*	*	*	
	Seydisfjord ...																	*	*	*	*	
Thorshavn ...																		*	*	*	*	
NORTHERN EUROPE.	Vardö ...	1007.9	30	SW	6	c	1015.3	+2	28	+5	NE	7	-	o	9	*	30	23				
	Bodö ...	1015.5	41	SW	6	r	1017.9	+3	39	+11	N	2	-	r	2	5	41	28				
	Christiansund	1026.4	41	SW	2	o	1026.3	0	43	+4	SW	2	-	o	4	1	43	27				
	Skudesnaes ...	1030.4	41	SE	3	o	1028.8	-2	39	-2	ESE	3	-	o	2	1	43	30				
	Færder (X. Lianfjord)	1030.3	37	WSW	2	o	1026.3	-1	34	-3	N	2	-	o	2	Trace	37	32				
	The Scaw (Skagen)	1031.5	34	ESE	2	b	1026.9	-3	34	-3	WSW	2	-	o	3	-	37	28				
	Blaavands Huk	1029.5	30	SE	1	b	1030.7	0	26	-14	NE	1	-	b	1	-	39	23				
	Haparanda ...																	*	*	*	*	
	Hernösand ...																	*	*	*	*	
	Stockholm ...																	*	*	*	*	
FRANCE, &c.	Wisby ...																	*	*	*	*	
	Karlstad ...																	*	*	*	*	
	St. Petersburg																	*	*	*	*	
	The Helder ...	1024.7	34	SSE	4	o	1030.0	+1	32	-4	NE	1	-	c	1	9	37	31				
	Brussels ...	*	*	*	*	*																
	C. Gris Nez ...	1019.4	33	SSE	4	r	1026.0	+2	28	-9	SE	4	*	b	*	6	43	27				
	La Hève ...	1021.0	41	SSE	3	r	1023.8	*	28	-2	ENE	3	*	m	2	4	43	28				
	Ushant ...																					
	Brest (St. Mathieu)	1024.0	45	NNE	1	b	1018.6	+1	41	+2	ESE	3	*	c	3	-	50	37				
	Rochefort (Ile d'Aix)	1021.9	36	ENE	5	b	1017.2	0	31	-1	ENE	5	*	b	*	2	41	30				
Biarritz ...	1018.3	39	E	2	b	1013.0	0	32	+2	ENE	2	*	o	1	-	46	30					
Paris ...	1023.4	32	ESE	1	o	1023.5	+1	23	-4	NE	2	-	b	*	-							
Belfort ...																						
Lyons ...																						
Nice ...	1013.5	40	-	0	c	1013.7	0	37	-2	E	1	*	o	2	-	50	34					
Perpignan ...	1016.4	39	-	0	b	1013.2	-1	34	-5	NE	1	W	o	*	-	50	30					
Sanguinaire ...	*	49	N	3	bc	*	*	47	-1	E	2	*	o	2	-	55	39					
SOUTHERN EUROPE.	Corunna (7 a.m.)																					
	Madrid (8 a.m.)																					
	Lisbon (9 a.m.)	1006.9	64	ENE	4	o	1001.3	-3	54	-3	NNE	4	-	o	6	61	66	54				
	Gibraltar ...																					
	Rome ...																					
	Azores (Horta, 8 a.m.)	1005.6	*	N	5	c																
	Madeira (Funchal)																					

## RAINFALL. Equivalents of Millimetres. in Inches.

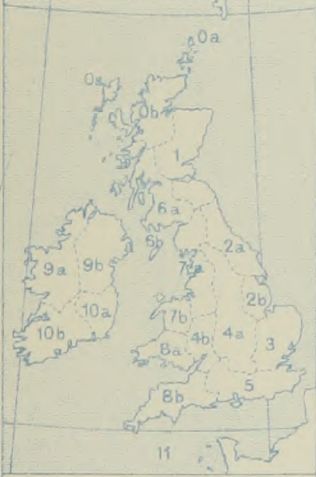
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69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





FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



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

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

No Warnings Issued.

Western Channel and Bay 11

- |    |   |  |
|----|---|--|
| 0  | a | Calms and light variable breezes; dull to fair, local showers and mist; cold.                      |
|    | b |  |
| 1  |   |  |
| 2  | a | Light Southerly to Easterly breezes; cloudy to dull, some showers and mist; cold.                  |
|    | b |  |
| 3  |   |  |
| 4  | a | Easterly breezes, moderate to fresh at times locally; cloudy to dull, some showers and mist; cold. |
|    | b |  |
| 5  |   |  |
| 6  | a | Same as Nos. 0 and 1.  |
|    | b |  |
| 7  | a | Same as Nos. 3 to 5.   |
|    | b |  |
| 8  | a |  |
|    | b |  |
| 9  | a | Same as Nos. 0 and 1.  |
|    | b |  |
| 10 | a |  |
|    | b |  |
| 11 |   | Easterly breezes, fresh at times; sea moderate; fair to dull, some rain and mist; cold.            |

FURTHER OUTLOOK.

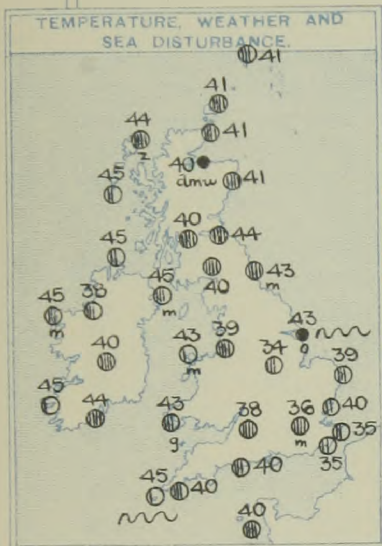
R. G. K. LEMPFERT, Superintendent, Forecast Division.

W. N. SHAW, Director.



# GENERAL INFERENCE.

The changes in progress are slight, but under the influence of a disturbance in the far south-westward some freshening of the Easterly current is probable over the southern districts.

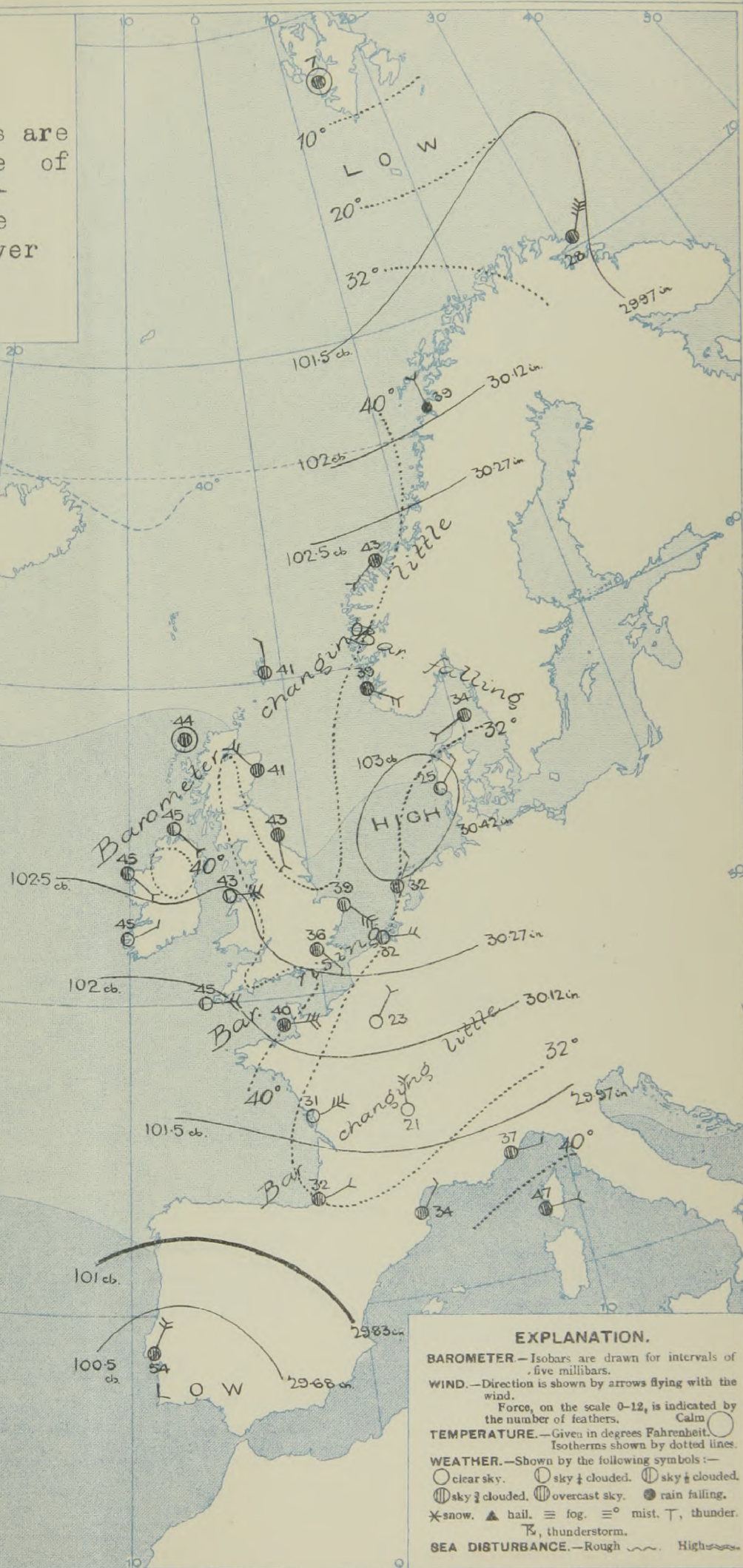
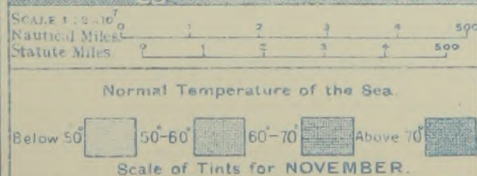


Inches.

31

30

29



## EXPLANATION.

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

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

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

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

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



## DAILY WEATHER REPORT.

Friday, 20th November, 1914.

REPORTS  FOR  YESTERDAY.   19th November.	STATIONS.	EVENING OBSERVATIONS					OBSERVATIONS AT 7 A.M., G.M.T.											
		Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dirce. of Upper Cloud.	Weather.	Sea 0-9.	Rain fall Multi- metres.	TEMP.	
				Dirce.	Force 0-12.		Milli- bars at M.S.L.	Change in 8 hours	Dry Bulb.	Change in 24 hours.	Dirce.	Force 0-12.					Max.	Min
Haparanda	1030.1	5	-	0	b	1026.1	0	0	-12	-	0	-	b	0	-	12	0	
Hernösand	1031.7	16	-	0	b	1029.0	0	7	-9	-	0	-	b	0	-	28	5	
Stockholm	1018.2	32	N	2	b	1028.8	0	25	+4	NNW	2	-	0	*	Trace	34	21	
Wiesby	1026.3	26	NE	4	b	1027.1	+2	31	-6	NE	2	-	c	*	Trace	37	32	
Karlsbad	1031.9	28	NW	2	b	1029.5	+1	27	-13	NE	2	-	c	*	Trace	30	12	
Petrograd	1024.7	28	NNE	1	b	1025.3	0	27	-5	NNE	4	-	0	*	-	32	25	
Perpignan	1021.9	43	NW	4	b	1021.5	0	39	-4	NW	3	-	b	*	-	50	27	
Rome	1006.0	46	N	2	b	1006.2	+2	45	0	N	3	-	0	*	-	55	43	
Horta	1004.4	*	NW	4	b	1003.4	+2	60	+5	N	4	-	b	3	13	61	55	

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

STATIONS.	Rainfall. mm. \$	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. \$	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		F.	F.						F.	F.			
Scotland.	Oban ...	1	54	33	T.O	0.1	Tunbridge Wells ...	5	35	29	mor	som	0.0
	Banff ...	2	48	38	0	0.0	Margate ...	5	40	37	op	T.S	0.0
	Carnoustie ...						Ramsgate ...	5	37	32	g	g	0.0
	St. Andrews ...						Folkestone ...	8	39	33	ome	S.dj	0.0
Eng. N.E.	Harrogate ...	1	44	34	op.O.C	0.0	Littlestone ...	*	*	*	*	*	0.0
	Scarborough ...		47	36	0	0.5	Hastings ...	6	44	33	op.O	or	0.0
	Skegness ...	2	45	35	or.O	0.0	Bexhill-on-Sea ...	6	42	34	op.or	or	0.0
Eng. N.W.	Douglas (I. of M.) ...						Eastbourne ...	4	3	33	0	or	0.0
	Morecambe ...	1	47	35	od	0.0	Seaford ...	5	37	32	T	T	0.0
	Blackpool ...	0.3	49	31	0	0.0	Brighton ...	3	39	34	0	or	0.0
	Southport ...	-	47	31	ef	0.0	Worthing ...	2	39	32	ber	d	0.0
Midlands.	Buxton ...	2	41	26	or.O	0.0	Littlehampton ...		29	32	ber	d	0.0
	Leamington Spa ...	1	43	25	or	0.0	Bognor ...	3	43	32	0	od	0.0
	Malvern ...	5	44	32	c	0.0	Southsea ...	2	39	32	0	or	0.0
	Ross-on-Wye ...						Bournemouth ...	1	41	28	d.T	or	0.0
Wales.	Rhyl ...	1	50	27	0	0.0	Weymouth ...	0.3	44	31	or.O	or	0.0
	Colwyn Bay ...	1	50	33	0.ber	0.0	Exmouth ...	-	46	33	b	b	5.9
	Llandudno ...	0.3	51	34	bc	0.1	Teignmouth ...	1	45	30	bc.O	0	0.1
	Bettws-y-Coed ...						Torquay ...	-	44	32	bc	bc.O	0.7
England, E.	Aberystwyth ...	1	48	30	h.O.C	0.0	Paignton ...	-	45	28	mbe	bc.O	0.5
	Tenby ...	-	46	34	bc	0.6	Plymouth ...	-	48	37	bc	c.b	1.8
	Swansea ...	1	45	34	c	0.0	Falmouth ...	-	48	37	bc	c	2.1
	Cromer ...	4	46	37	0.C.T	0.1	Penzance ...	-	50	35	bc	c	2.1
England, E.	Lowestoft ...	7	37	34	or.f	0.0	Bude ...	-	48	33	0	0	0.0
	Felixstowe ...	8	39	34	omr	0.0	Ilfracombe ...	-	48	33	0	0	0.0
	Walton-on-Naze ...	8	40	34	0.0.T	0.0	Weston-super-Mare ...	-	48	33	0	0	0.0
	Southend-on-Sea ...	5	38	34	fed.T	0.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obs.) ...	96	86	0.0	44	33	27	5	or	ors	c. bc.
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	94	82	0.0	43	34	33	4	ors	mr	r. bs
Camden Sq. (Brit. Rainfall)	98	89	0.0	41	33	29	5	om or	ormo	*
Hampstead (Reservoir) ...	*	79	0.0	45	29	22	5	ofrm	or	bc.
Richmond Park ...	*	*								
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.		Average Rate.		Max. Rate.		
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				61 Joules		2.0 Milliwatts.		6 Milliwatts.		
S. Kensington (Roof of M.O.)	96	79	0.0							

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.				
Dublin to 4 p.m.							*
Darwen to 9 p.m.							*
Manchester ..	Trace	46	31	*	50	58	0.0
Birmingham ..	2	43	32	19	*	0	0.0
Oxford to 8 p.m.	*	42	26	21	bm.co	omr	0.0
S. Kensington (Museum Grounds to 6 p.m.)	4	41	31	25	byx.m	omr	*

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

20th Nov. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.24	G.M.T. 11.34	G.M.T. 3.54
Greenwich ...	7.26	11.39	3.52
Wick ...	7.28	11.46	4.4
Valencia ...	7.29	11.46	4.3
	8.14	11.58	5.42
	8.16	11.58	5.40
	8.11	12.27	4.43
	8.12	12.27	4.43

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 50° or a little above at some western stations, but in many districts the maxima were below 40°. Rain fell in most localities, sleet or snow in the south and east. At the great majority of stations there was no bright sunshine.

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

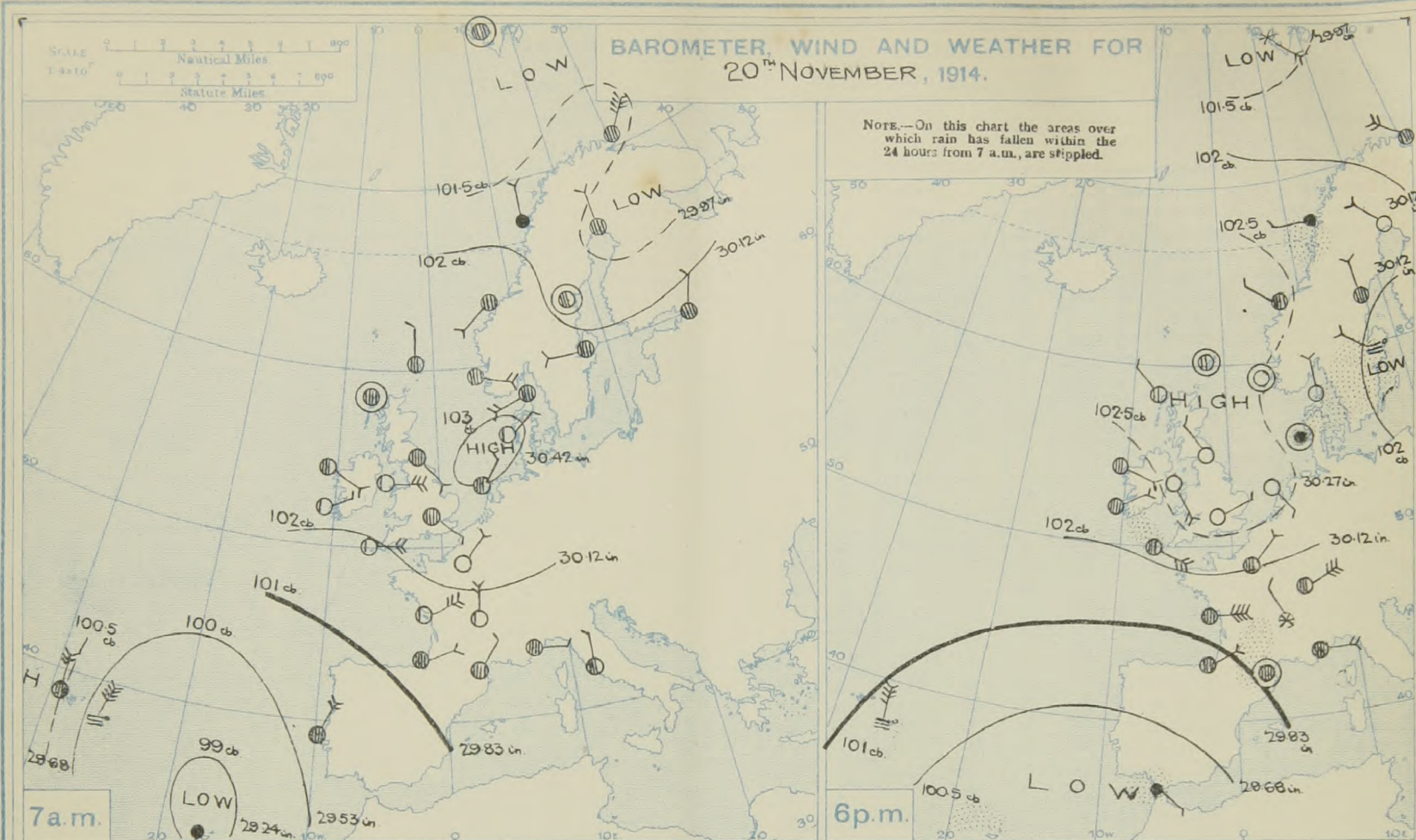
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Saturday,  
12th November 1914.

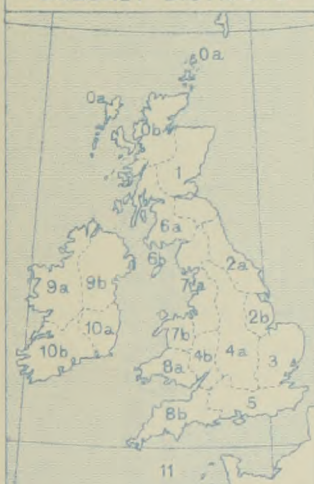
\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

Signals hoisted yesterday.

South Coast.  
North Coast.

Signals hoisted this morning.

South Coast.  
North Coast.

No Warnings Issued.

Western Channel and Bay 11

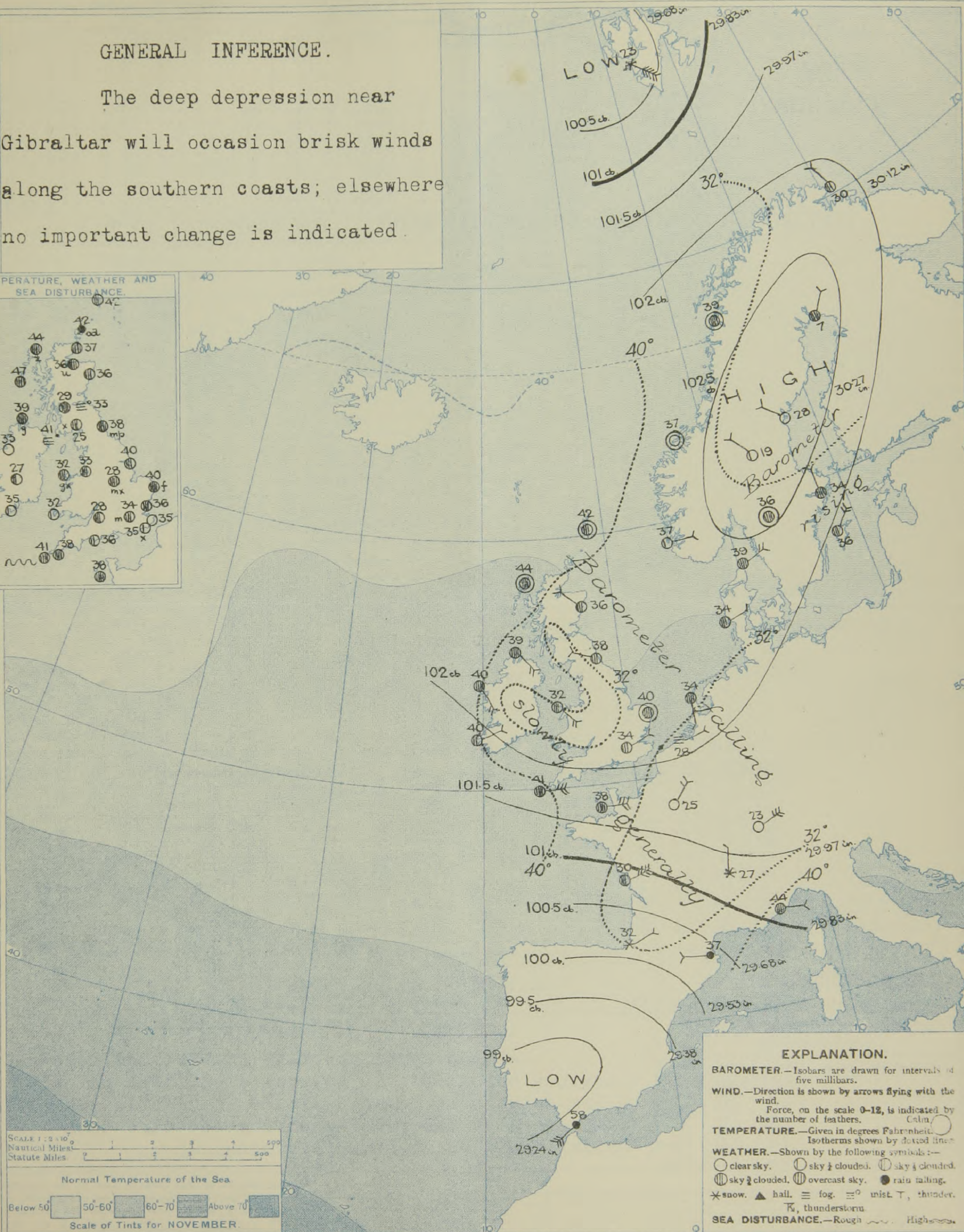
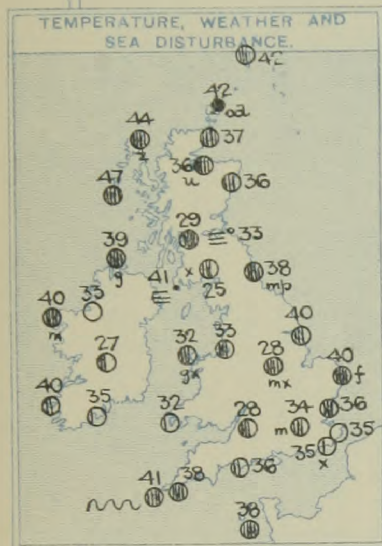
- |    |   |   |
|----|---|---|
| 0  | a | Calms and light variable breezes; fair to dull, local   |
| 1  | b |   |
| 2  | a | mist and showers; cold.   |
| 3  | b |   |
| 4  | a | Calms and light variable to freshening Easterly breezes; fine to dull, local mist or fog; cold. |
| 5  | b |   |
| 6  | a | Easterly wind, fresh to strong on coast; fine to dull, local mist or fog; cold.                 |
| 7  | b |   |
| 8  | a | Same as Nos. 0 to 2.  |
| 9  | b |   |
| 10 | a | Same as No. 5.  |
| 11 | b |   |
| 12 | a | Same as Nos. 0 to 2.  |
| 13 | b |   |
| 14 | a | Freshening Easterly breeze; fine to dull; cold.   |
| 15 | b |   |
| 16 | a | Strong or high Easterly winds; rough sea; cloudy to dull, some cold rain or sleet.              |
| 17 | b |   |

**FURTHER OUTLOOK.**



# GENERAL INFERENCE.

The deep depression near Gibraltar will occasion brisk winds along the southern coasts; elsewhere no important change is indicated.





## DAILY WEATHER REPORT.

Saturday, 21st November, 1914.

REPORTS  FOR  YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
		Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain fall. Milli- metres.	TEMP.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
Haparanda	1018.1	30	SW	6	0	1014.6	+2	21	+21	N	2	-	0	*	-	30	1	
Hernösand	1026.1	21	-	0	0	1019.4	0	37	+30	-	0	-	0	*	-	37	5	
Stockholm	1024.9	27	-	0	0	1022.0	-4	30	+5	W	2	-	0	*	-	30	28	
Wisby	1029.0	34	NE	2	0	1024.8	-3	34	+3	WNW	2	-	0	*	-	34	21	
Karlstad	1030.9	27	-	0	0	1025.2	-3	28	+1	-	0	-	0	*	-	30	23	
Perrigra	1025.9	30	N	2	0	1022.3	+2	27	0	NNE	1	-	0	*	-	30	27	
Rome	1010.1	41	NE	2	0	1011.3	0	39	-6	N	1	-	0	*	-	52	37	
Horta	1005.6	*	N	3	0	1009.2	+5	61	+1	N	5	-	0	*	6	64	59	
Madeira	999.3	61	W	4	0	999.5	+4	61	-2	2	2	W	7	?	26	79	57	

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

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		° F.	° F.						° F.	° F.			
Scotland.													
Oban	...	46	36	bc	c.0.0	0.4	Tunbridge Wells	...	37	31	mb. bc	bc. bc	5.2
Banff	...	46	36	bc	bc. bc	1.0	Margate	...	40	33	bc	bc	3.4
Carnoustie	...	47	40	*	*	0.8	Ramsgate	...	38	32	bc	c	4.1
St. Andrews	...	47	40	*	*	0.8	Folkestone	...	40	33	c. bc	bc. c	5.8
Eng. N.E.							Littlestone	...	*	*	*	*	
Harrogate	0.3	39	31	c. bc	bc. c. b	0.7	Hastings	...	*	*	or. bc. b	bc. c	6.2
Scarborough	...	44	39	c. bc	of	1.0	Bexhill-on-Sea	...	42	34	c. b	b	5.7
Skegness	...	43	37	c. bc	bc	5.0	Eastbourne	...	41	37	bc	bc	5.0
Eng. N.W.							Seaford	...	39	33	bc	bc	4.8
Douglas (I. of M.)	...	42	35	bc	bc. 0	3.5	Brighton	...	38	36	bc. bc	b	6.2
Morecambe	...	41	33	bc	bc	4.1	Worthing	...	38	34	b	b	6.0
Blackpool	...	42	34	bc	c. 0. bc	5.7	Littlehampton	...	39	33	b	b	6.2
Southport	...	40	30	bc	bc	0.3	Bognor	...	40	35	c. b	b	5.6
Midlands.							Southsea	...	41	31	c. bc	bc. b	4.7
Buxton	...	40	30	bc	bc	0.3	Bournemouth	...	41	31	c. bc	bc. b	4.7
Leamington Spa	...	40	32	bc	bc	4.0	Weymouth	...	48	?	or. bc. bc	bc	1.6
Malvern	...	47	36	bc	bc	6.2	Exmouth	...	44	40	0	bc. bc	2.0
Ross-on-Wye	...	44	33	bc	bc. c	5.2	Teignmouth	...	46	40	a. p	bc	2.1
Wales.							Torquay	...	46	40	a. p	bc	2.1
Rhyl	...	45	36	bc	bc	5.6	Paignton	...	46	40	a. p	bc	2.1
Colwyn Bay	...	46	37	b	b	5.0	Plymouth	...	46	39	c. 0	bc. b	0.6
Llandudno	...	44	39	c. bc	c. bc	5.2	Falmouth	...	47	41	c	0	0.1
Bettws-y-Coed	...	44	35	bc. 0	0	4.1	Penzance	...	44	34	bc. b	bc. bc	5.7
Aberystwyth	...	44	37	c. bc.	b	3.3	Bude	...	49	31	bc	b	2.8
Tenby	...	43	35	bc	bc	4.8	Ilfracombe	...	44	34	bc. b	bc. bc	5.7
Swansea	...	43	37	c. bc.	b	2.3	Weston-super-Mare	...	49	31	bc	b	2.8
England, E.													
Cromer	0.3	43	35	bc	bc	4.8							
Lowestoft	...	43	37	c. bc. c	c	2.3							
Felixstowe	...	40	35	bc. c	bc. c	1.5							
Walton-on-Naze	...	40	37	bc. c	bc. c	1.5							
Southend-on-Sea	0.3	39	36	c. bc. c	bc	0.7							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall. mm.†	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.	Min. on Grass.				
Greenwich (Royal Obs.)	68	87	4.7	39	32	26	-	bc	bc	0
City (Bunhill Row)	*	*	0.7	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	67	84	2.0	40	33	29	-	bc	bc	bc. m
Camden Sq. (Brit. Rainfall)	69	91	1.7	38	30	26	-	or. bc	bc	*
Hampstead (Reservoir)	*	80	3.3	36	27	19	-	or. bc	bc	bc
Richmond Park	*	*	4.1							
Kew, (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.	Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				296 Joules	96 Milli-watts.		26 Milli-watts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	mm §	° F.	F.	F.				Hr.
Darwen to 9 p.m.	0.3	47	41	41	odg	0. c	c. b	*
Manchester "	-	40	31	25	bc	bc	bc	0.2
Birmingham "	-	39	33	29	*	c	c. b	1.4
Oxford to 8 p.m.	*	40	29	21	c. or. b	b. bc. c	c. b	*
S. Kensington (Museum Grounds to 6 p.m.)	0.3	42	36	30	om. 0	om.	c. b	*

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

21st & 22nd Nov. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	7.26	11.39	3.52
Greenwich	7.28	11.39	3.50
	7.29	11.46	4.3
Wick	7.31	11.46	4.1
	8.16	11.58	3.40
Valencia	8.18	11.58	3.38
	8.12	12.27	4.42
	8.14	12.27	4.40

## NOTES ON YESTERDAY'S WEATHER.

At the great majority of stations temperature remained below 45°, in several localities below 40°. A few neighbourhoods had little or no bright sunshine, but generally the records were good, more than six hours in places, 7 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.

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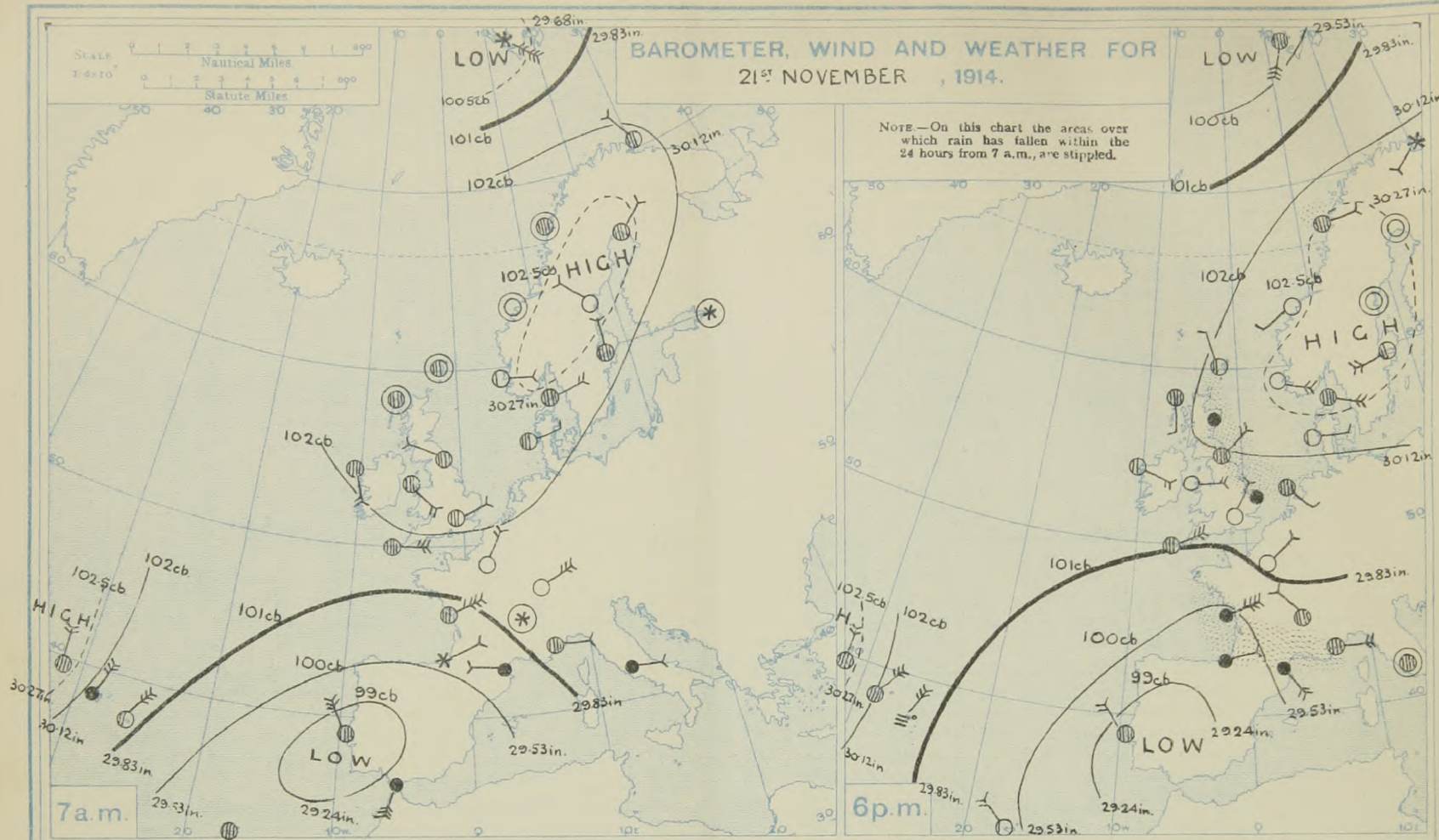


## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
22nd November 1914.

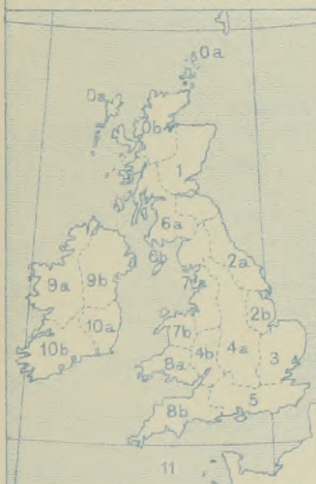
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.  Hours.
	Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																					
Lerwick	1021.6	42	NNW	1	bc	1020.3	-1	45	+3	S	4	S	c	3	1	45	42	bc	bc	bcp	*
Deerness	1020.3	43	SE	3	cy	1018.9	*	43	+1	S	3	S	c	3	1	45	40	rd.o	o.c	c	0.8
Stornoway	1019.5	43	S	1	cy	1018.0	0	35	-9	-	0	-	bc	0	-	45	35	cy	cy	cy, bc	0.0
Castlebay (Barra Isd.)	1018.7	46	S	3	o	1017.3	0	42	-5	-	0	-	cm	1	-	47	41	o	om	o, bc, cm	0.0
Glasgow	1020.3	34	E	1	bf	1017.9	-2	37	+8	ENE	1	-	o	*	0.1	38	27	cf, bc, f	c, cf, bf	bf, op, o	0.0
Esksdalemuir	1019.6	38	N	3	o	1016.5	-1	37	+12	NE	2	-	c	*	0.3	38	24	c, b, o	or, o	o, c	0.0
Malin Head	1019.3	39	SSE	2	cm	1016.5	-2	41	+2	SW	1	-	cm, d	1	-	43	36	bc, m	cm	cm	2.5
Markree Castle	1018.6	31	-	0	b	1016.2	*	18	-15	-	0	-	b	*	-	*	*	b	bx	bm, x	6.1
Blacksod Point	1017.8	36	ESE	3	bc, y	1018.0	0	32	-6	SSE	2	NW	b	2	-	48	31	bc	bc, y	bc, y, bc	*
Valencia	1015.7	38	E	2	c	1014.1	+1	40	0	NE	2	-	c	3	-	45	32	bc	bc	bc	5.9
Roche's Point	1016.3	37	ENE	2	bc	1013.6	*	37	+2	NNE	3	-	b	3	0.2	43	35	bc, o	c, bc	c, b, op, b	*
Birr Castle	1018.2	32	SE	1	bc	1015.6	*	24	-3	SE	1	-	f	*	-	40	24	bc	bc	bc, f	6.0
Donaghadee	1018.3	42	SE	3	bc, y	1014.7	-1	43	+2	SE	4	SE	bc, m	3	-	46	40	bc, y	bc, y	bc, bc, m	*
Liverpool (Bidston)	1017.9	37	NNE	1	m	1014.4	-2	37	+4	ENE	2	-	o	2	-	40	32	bm	cm	or, c	?
Holyhead	1017.9	39	E	3	bc, y	1013.3	0	42	+10	E	4	-	c	3	-	45	31	c, o, bc, b	bc, y	b, o, bc	4.8
Pembroke (St. Ann's)	1015.4	34	N	1	b	1010.4	0	39	+7	NE	3	-	bc, m	2	-	40	31	b	b	b	5.8
Newquay	1012.1	35	NE	3	b													bc, v, b	b	b	
Scilly (St. Mary's)	1010.1	42	ENE	4	c	1004.9	-2	41	0	NE	6	NE	c	6	-	43	39	c	c	cy	3.3
Falmouth	1011.3	37	NE	4	o	1006.3	0	38	0	NE	4	-	o	4	-	40	35	c, o	cy	o	2.0
Jersey (St. Aubin)	1008.2	37	ENE	5	bc, m	1001.3	*	40	+2	NE	6	NE	ogw	5	1	40	36	d, c, b	b	bc, op, o	7.0
Portland Bill	1012.1	37	ENE	6	bc	1005.5	-1	35	-1	NE	7	NE	bc	5	-	41	34	bc	bc	bc, c	*
Dungeness	1013.0	39	E	5	c	1007.6	-3	36	+1	E	7	E	c	5	-	40	35	bc	bc, c	c, bc, c	*
Dover	1015.1	38	E	4	b	1009.0	-1	35	0	NE	5	NE	bc	6	-	38	33	bc, b	bc, b	b, bc	3.2
Wick	1020.2	34	-	0	o	1018.8	-1	45	+8	S	2	-	o	2	0.4	46	34	om, bc, m	bc, m, om	bc, om, p	*
Nairn	1020.7	35	-	0	c, m	1019.1	*	31	-5	-	0	-	bc	1	-	41	31	-	bc	cm, x	1.8
Aberdeen	1020.9	39	WNW	2	r	1019.0	-1	38	+2	NW	1	-	c	2	2	41	35	c, o	or	or, c	0.0
Leith	1020.4	38	WSW	1	m	1017.3	-1	40	+7	W	1	-	r	*	4	42	30	cy, cy	f	o, op	*
Tynemouth	1018.6	40	NE	3	om	1016.0	-2	43	+5	E	4	-	omp	4	3	45	38	omp	or, m	omp	
Spurn Head	1017.0	45	NE	2	bc	1014.0	-2	42	+2	E	5	-	org, r	4	2	46	37	bc	bc	bc, y	3.9
Yarmouth	1015.4	42	-	0	cr	1013.5	-1	38	-2	E	9	E	o	4	3	44	35	orf	orf	bc, o	0.0
Clacton-on-Sea	1015.1	40	NNE	1	o	1010.8	-1	38	+2	ENE	4	E	c	4	-	41	36	c	c, o	op, bc, o	0.0
Nottingham	1016.7	37	NE	3	b	1014.1	*	36	+8	E	3	E	c	*	-	40	27	fm, b	bm	bc	0.8
Bath	1014.5	36	E	1	bc	1011.2	*	35	+7	ENE	4	NE	o	*	-	39	27	o, c	c, bc, b	bc, c, op, f	1.8
London (Kew Obsy.)	1014.8	38	NE	2	bm	1010.0	-1	37	+3	ENE	4	-	o	*	-	39	34	cm, c, m	om, c, bc, b	b, bc, om, p	0.0
ICELAND, FAEROE, &c.																					
Spitsbergen	999.0	34	SSW	6	o	991.3	+16	10	-4	W	8	*	S	*	-	19	18	GALES.			
Isafjord...																*	*	Duration and Extreme Force in British Islands.			
Reykjavik																*	*	Yarmouth.			
Vestmanna																*	*	Mid-7am 22nd. Easterly gale—			
Seydisfjord																*	*	force 3 at times			
Thorsbavn																*	*				
NORTHERN EUROPE.																					
Vardö	1021.5	30	SW	2	S	1017.6	-2	34	+4	SW	2	-	o	3	*	34	21				
Bodö	1025.3	39	E	2	o	1022.1	-1	36	-3	E	2	-	b	2	4	39	36				
Christiansund	1024.3	36	SW	1	b	1023.5	0	36	-1	-	0	-	b	3	-	39	34				
Skudesnaes	1025.2	41	ESE	4	b	1025.7	0	37	0	SE	5	-	c	2	-	43	37				
Færder (X'iania Fjord)	1027.3	37	NE	2	o	1028.8	+1	34	-3	E	4	-	o	1	-	37	34				
The Scaw (Skagen)	1025.2	37	ESE	4	o	1026.6	0	34	-5	ESE	4	-	o	3	-	39	32				
Blaavands Huk	1021.6	34	E	1	b	1022.6	+1	34	0	ESE	2	-	o	3	Trace	37	30				
Haparanda	1025.0	12	-	0	b	1023.7	0	12	+5	NE	2	-	o	*	-	12	7				
Hernösand	1029.3	19	-	0	b	1028.6	0	27	-1	N	2	-	o	*	-	28	14				
Stockholm	1024.6	28	WSW	4	bc	1027.8	+1	28	-6	NNW	2	-	o	*	-	34	22				
Wisby	1022.3	34	NE	4	o	1027.1	+2	34	-2	ENE	2	-	o	*	3	39	30				
Karlstad	1027.3	34	ENE	2	o	1029.5	+3	28	-8	-	0	-	o	*	-	36	27				
St. Petersburg	1022.0	28	NNW	1	S	1022.6	0	19	-8	NW	1	-	S	*	-	28	16				
FRANCE, &c.																					
The Helder	1017.6	34	SE	1	o	1016.3	-1	30	-4	E	6	-	o	3	5	39	30				
Brussels	*	*	*	*	*																
C. Gris Nez	1013.2	31	E	5	b	1007.3	-3	25	-2	ENE	6	*	bc	*	4	36	25				
La Hève	1009.9	30	N	4	m	1004.2	*	27	0	NE	3	*	bc	2	-	39	27				
Ushant	1004.2	?	E	6	c	996.2	*	?	?	NE	6	*	r	7	8	43	37				
Brest (St. Mathieu)	1005.7	37	ENE	3	o	998.7	0	41	+4	ENE	3	*	o	4	11	50	37				
Roche fort (Ile d'Aix)	998.0	39	ENE	7	r	992.2	0	41	+11	ENE	6	*	o	*	10	41	30				
Biarritz	991.0	37	ENE	2	r	989.7	0	50	+18	SW	3	*	r	2	19	50	32				
Paris	1009.9	28	NE	2	o	1004.0	-2	25	0	NE	2	-	c	*	-	36	25				
Belfort																					
Lyons	1007.1	32	NW	2	o	1003.3	*	31	+4	-	0	*	o	*	-	32	27				
Nice	1007.1	46	E	4	o	1001.9	-4	43	-1	E	4	*	r	7	3	46	41				
Perpignan	1000.8	50	SE	4	r	995.0	-3	54	+17	S	3	-	r	*	69	52	37				
Sanguinaire	*					*	*														
SOUTHERN EUROPE.																					
Corunna (7 a.m.)																					
Madrid (8 a.m.)																					
Lisbon (9 a.m.)	989.7	48	NW	3	o	1001.5	+4	48	+2	NW	2	-	bc	3	-	52	46				
Gibraltar																					
Rome	1005.5	54	-	0	o	1002.3	0	50		NE	1	-	o	*	-	54	48				
Azores (Horta, 8 a.m.)	1020.0	*	NNE	5	o	1021.7	0	54	-3	NNE	5	-	c	6	-	59	54				
Madeira (Funchal)	1001.7	63	NW	3	b	1007.3	0	57	-4	E	3	-	bc	3	-	68	59				





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

*No Warnings Issued.*

Western Channel and Bay

**FURTHER OUTLOOK.**

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

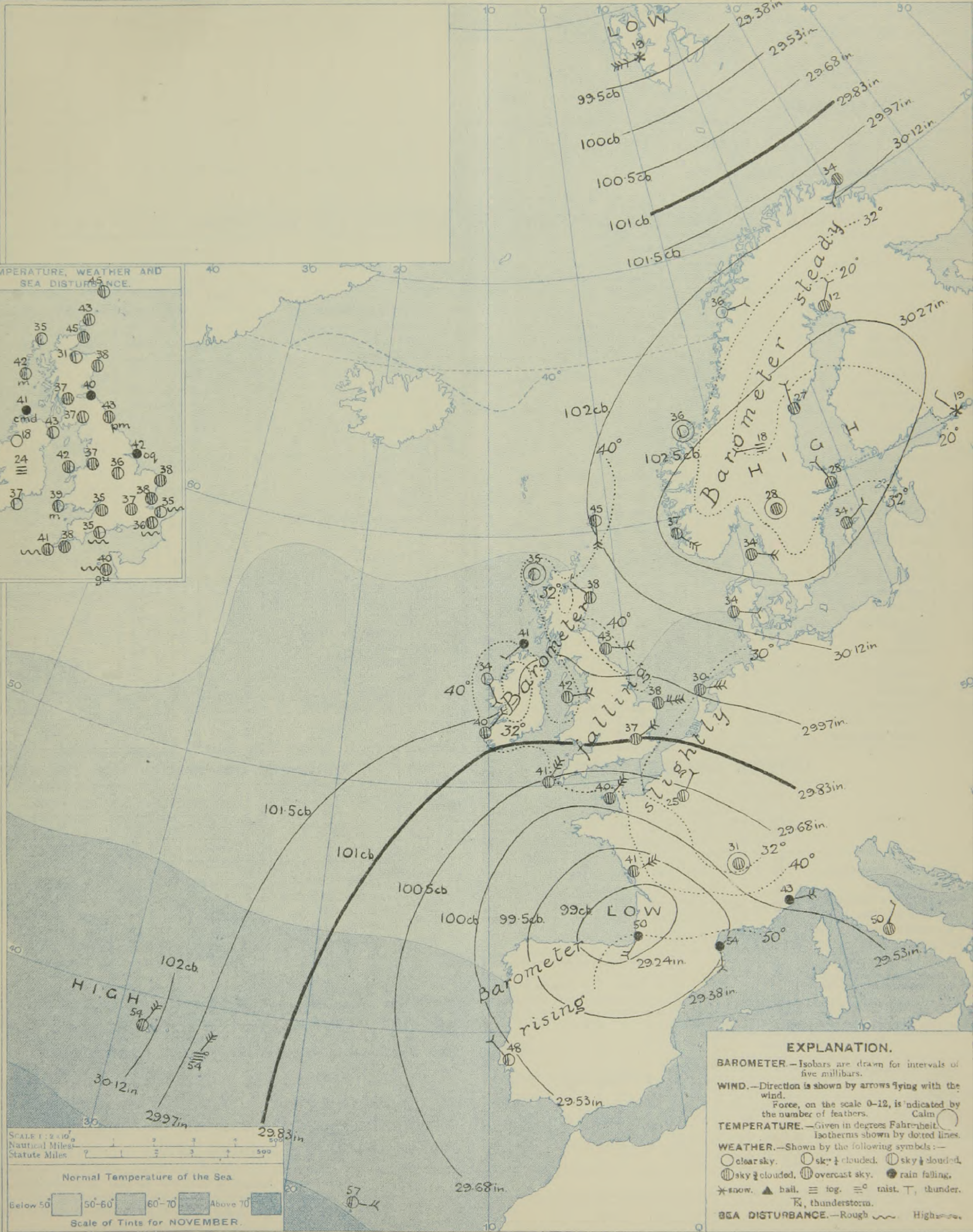
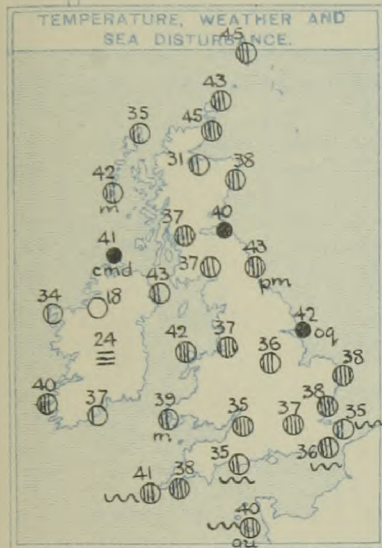
W. N. SHAW, Director.

Station Date & Hour.		Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.
		Eskdalemuir	Stn. Farnborough	Stn. Farnborough	Eskdalemuir	Stn. Farnborough	Stn. Kensington	Stn. Farnborough					
16 <sup>th</sup> 7 h.		16 <sup>th</sup> 14 h.	17 <sup>th</sup> 10 h.	17 <sup>th</sup> 13 h.	18 <sup>th</sup> 9 h.	18 <sup>th</sup> 14 h.	19 <sup>th</sup> 11 h.						
Heights in Kilometres.	3				-3	-12					-5	-10	
	2		-6	-18	-2	-11	-3	-3	-7	-4	-7	-6	
	1	-10	-10	-7	-17	-5	-12	-4	-1	-7	0	-4	-3
	0.5	-3	-10	-2	-17	-4	-10	-5	-4	-6	+1	-2	-5
	0	0	-5	+1	-5	+3	-1	-2	-4	0	0	-1	-3
20 <sup>th</sup> 9 h.		20 <sup>th</sup> 13 h.	20 <sup>th</sup> 15 h.	21 <sup>st</sup> 11 h.									
Heights in Kilometres.	4												
	3		-6	+4	-21	-7							
	2		-5	+2	-13	-1							
	1	-13	-1	-2	-4	-11	-1	-14	-3				
	0.5	-10	+3	-1	-2	-7	0	-9	-1				

Millib. inches  
 1050  
 1040  
 1030  
 1020  
 1010  
 1000  
 990  
 980  
 970



# SYNOPTIC CHART FOR 7 a.m., SUNDAY, 22<sup>ND</sup> NOVEMBER, 1914.





## DAILY WEATHER REPORT.

Sunday, 22nd November, 1914.

REPORTS FOR YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall Milli- metres.	TEMP.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 8 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					°F	°F
21st November 1914.	Petrograd	1016.8	27	SSE	1	o	1017.1	+1	27	0	NW	1	-	S	2	-	30	23
	Liebo	994.0	54	NNE	3	f	985.6	-2	46	-8	NNW	5	-	o	5	20	59	46
	Rome	1014.9	41	-	o	o	1013.5	+1	45	+10	E	2	-	r	5	50	35	
	Horta	-	-	-	-	-	1017.3	+4	57	-4	NNE	5	-	r	6	13	64	57
	Funchal	992.8	63	NW	4	c	994.6	+1	61	0	?	?	N	o	?	?	68	59

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

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		°F.	°F.						°F.	°F.			
Scotland.	Oban ...	-	41	36	o.c	0	Tunbridge Wells ...	-	37	30	m.b.bc	c.bc.cm	3.0
	Banff ...	-	41	36	o.c	0.0	Margate ...	-	40	36	c	c	0.1
	Carnoustie ...	-	41	36	o.c	0.0	Ramsgate ...	-	39	35	o	o	1.1
	St. Andrews ...	-	41	36	o.c	0.0	Folkestone ...	-	39	36	c.bc	c.o	4.6
Eng. N.E.	Harrogate ...	-	42	29	c.bc.b	5.5	Littlestone ...	-	40	34	b	b.bc.o	6.2
	Scarborough ...	-	42	29	c.bc.b	5.5	Hastings ...	-	40	34	b	b.bc.o	6.1
	Skegness ...	0.3	45	31	o	3.8	Bexhill-on-Sea ...	-	40	38	b	b.c.o	7.3
Eng. N.W.	Douglas (I. of M.) ...	-	42	29	c.bc.b	5.5	Eastbourne ...	-	39	34	b	b	6.7
	Morecambe ...	-	42	29	c.bc.b	5.5	Seaford ...	-	38	29	bc	bc	7.1
	Blackpool ...	-	42	29	c.bc.b	5.5	Brighton ...	-	39	31	b.bc	bc.c.o	6.9
	Southport ...	-	42	29	c.bc.b	5.5	Worthing ...	-	39	30	b	bc.c	7.5
Midlands.	Buxton ...	-	39	28	3.o.b	4.0	Littlehampton ...	-	39	30	b	b	7.4
	Leamington Spa ...	-	38	24	bc	2.7	Bognor ...	-	39	30	b	b	7.4
	Malvern ...	-	37	26	c	0.0	Southsea ...	-	39	30	b	b	7.4
	Ross-on-Wye ...	-	36	28	c.bc	0.0	Bournemouth ...	-	39	30	b	b	7.4
Wales.	Rhyl ...	-	37	25	bc	3.2	Weymouth ...	-	39	31	b.b	b.bc.c	6.9
	Colwyn Bay ...	-	37	25	bc	3.2	Exmouth ...	-	41	32	c.bc	c.o	2.5
	Llandudno ...	-	37	25	bc	3.2	Teignmouth to 9 p.m.	-	41	32	c.bc	c.o	2.5
	Bettws-y-Coed ...	-	40	27	o.c	4.7	Torquay ...	-	40	37	o	bc.o	3.2
	Aberystwyth ...	-	40	27	o.c	4.7	Paignton ...	-	41	37	bc	c	3.1
	Tenby ...	-	43	32	bc	5.4	Plymouth to 9 p.m.	-	39	35	c.b	bcg	6.0
	Swansea ...	-	40	30	bc	4.1	Falmouth ...	-	40	34	c.o	og	2.0
England.	Cromer ...	5	45	36	bc	3.5	Penzance ...	1	42	34	c.b	b.o	3.1
	Lowestoft ...	-	43	34	c	0.5	Bude ...	-	42	31	o	o	1.7
	Felixstowe ...	-	43	34	c	0.5	Ilfracombe ...	-	42	31	o	o	1.7
	Walton-on-Naze ...	-	41	36	c	0.5	Weston-super-Mare ...	-	42	31	o	o	1.7
	Southend-on-Sea ...	-	40	34	bc.c	0.2							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
						24 HOURS ENDED 9 A.M. TO-DAY.				
						%	%	Hr.	° F.	° F.
Greenwich (Royal Obs.) ...	72	78	0.6	39	34	29	-	c	o	c.o.f
City (Bunhill Row) ...	*	*	0.0	*	*	*	-	*	*	*
Westminster (St. James's Pl.)	74	79	0.0	40	37	32	-	o	o	b.bc
Camden Sq. (Brit. Rainfall)	81	78	0.0	39	35	29	-	bc.m.o	o	*
Hampstead (Reservoir) ...	*	73	0.2	37	30	23	-	o	o.bc	o
Richmond Park ...	*	*	0.2							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	71	76	0.0	168 Joules		5.5 Milliwatts.		13 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
				° F.	F.	F.		
Dublin to 4 p.m.	—	40	34	32	c b	cy b	bc	*
Darwen to 9 p.m.	—	40	29	24	bc	bc	bc	2.2
Manchester "	—	38	27	*	bz cfe	f	f.ox	0.0
Birmingham "	—	37	28	15	o	o	o	0.0
Oxford to 8 p.m.	*	38	28	22	bz bmo	o	o	*
S. Kensington (Museum Grounds to 6 p.m.)	0.1	40	33	26	cy b	bcmom	cy. o	*

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

22nd & 23rd November 1914.	Sunrise, Noon, Sunset.		
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.28	11.39	3.50
Greenwich ...	7.29	11.39	3.49
Wick ...	7.31	11.40	3.47
Valencia ...	8.18	11.58	3.28
	8.20	11.58	3.26
	8.14	12.27	4.40
	8.15	12.27	4.39

## NOTES ON YESTERDAY'S WEATHER.

Both the maximum and minimum temperature readings were low for the time of year, and frost was recorded over a very large area. Much bright sunshine was recorded on the south coast and at several western stations, but little or none in Scotland.

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

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



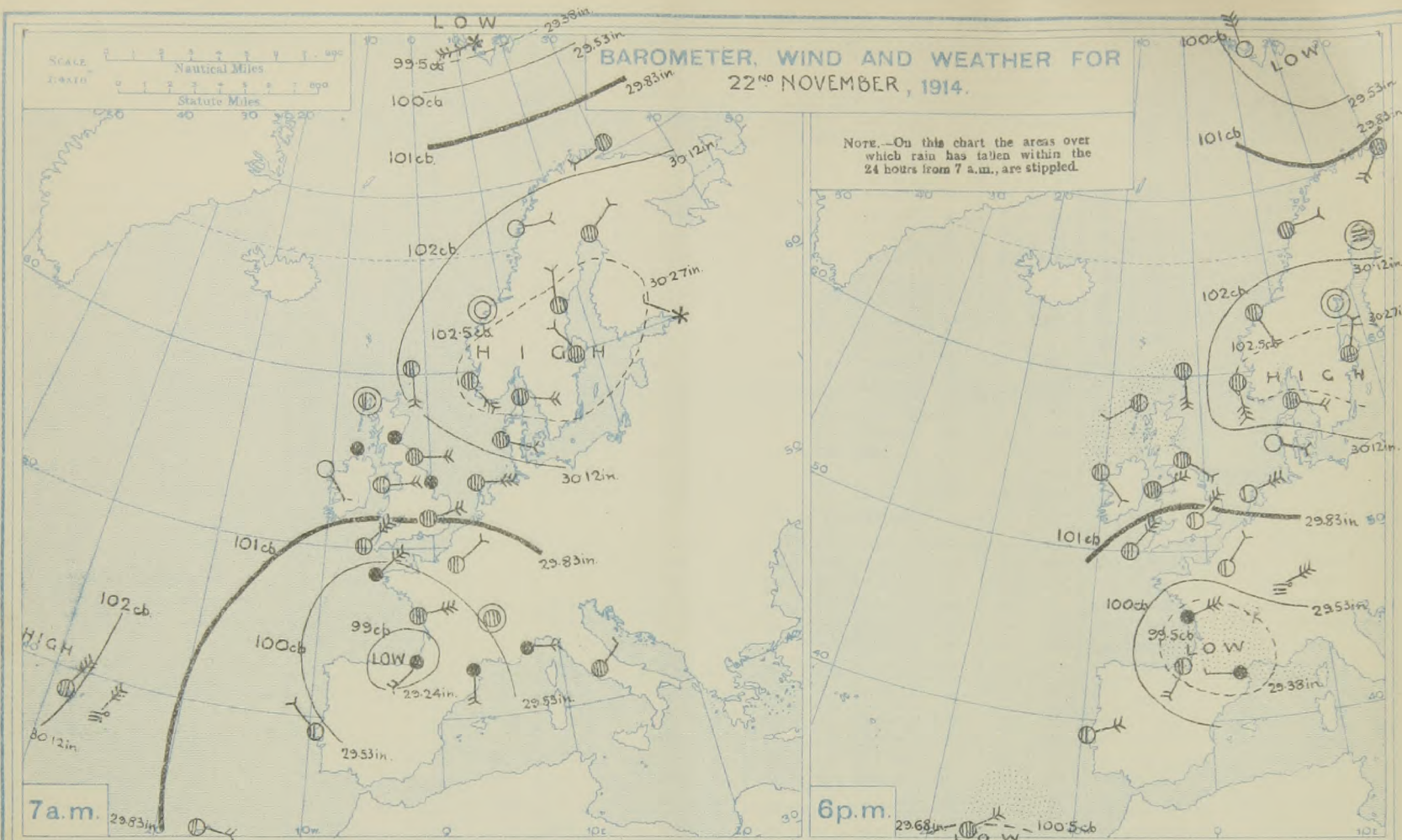
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday

23rd November, 1914.

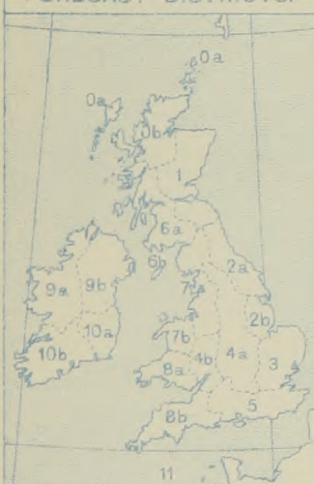
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		Temp.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		WEATHER.				
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
																						Hours.
BRITISH ISLANDS.	Lerwick	1018.4	44	S	5	0	1012.1	-2	42	-3	NW	1	-	C	1	2	45	40	bc	cr	cp	*
	Deerness	1017.6	42	S	3	bc	1012.8	*	41	-2	NW	3	-	or	3	3	45	40	c.bcp	bcp.c	bcb.bcp	0.5
	Stornoway	1017.3	41	SW	1	c	1015.6	0	38	+3	NNW	3	-	C	3	1	45	35	bc.c	c	op.c	0.4
	Castlebay (Barra Isd.)	1017.1	43	ENE	2	bc	1016.0	0	41	+1	NNE	2	-	o	2	2	46	40	c.om.op	op.bc	bco.co	0.0
	Glasgow	1017.7	38	E	1	o	1016.0	-1	32	-5	-	0	-	fr	*	0.4	42	30	op.c.bu	c.op.o	o.bc.bf	1.5
	Eskdalemuir	1017.8	35	NNW	2	o	1015.5	-1	37	0	N	1	N	o	*	0.1	40	33	c.or	or	o	0.0
	Malin Head	1016.6	44	NE	1	od	1015.9	0	44	+3	NNE	2	NE	cm	1	5	45	39	emp	om	emp	0.0
	Markree Castle	1016.9	35	-	0	m	1016.9	*	24	+6	-	0	-	f	*	*	*	embc	om	fac.b	0.0	
	Blacksod Point	1017.1	40	SE	2	c	1016.7	0	41	+7	NNE	3	NE	cp	3	1	44	34	bc	bcg	cp.cp	*
	Valencia	1015.9	40	NNE	2	b	1017.3	0	34	-6	-	0	-	b	3	-	45	34	bcg	bcg	bcg	6.7
	Roche's Point	1014.6	40	N	2	b	1016.4	*	38	+1	NNE	3	N	bc	3	0.2	44	37	cg	cg.b	b.bemp	*
	Birr Castle	1016.0	34	SE	1	f	1017.3	*	30	+6	W	1	-	f	*	-	37	23	f	cf	fac	0.7
	Donaghadee	1015.9	42	E	3	cg	1015.5	+1	36	-7	SW	1	-	bcm	0	-	45	36	cn	cg	app.em	*
	Liverpool (Bidston)	1015.1	35	NE	2	bc	1014.1	-1	35	-2	NNE	1	NE	b	1	-	40	33	cm	om	b.c	0.0
	Holyhead	1014.2	42	ENE	5	omg	1014.3	0	45	+3	ENE	4	-	c	3	-	45	40	c.bcm	c.b.c.o	bc.o.bc	1.2
	Pembroke (St. Ann's)	1011.2	37	NE	4	c	1012.4	0	39	0	NE	3	-	c	2	-	40	36	bcm	bcg	bcg	0.0
	Newquay	1011.2	37	NE	4	c	1012.4	0	39	0	NE	3	-	c	2	-	40	36	bcm	bcg	bcg	0.0
	Scilly (St. Mary's)	1006.7	44	NE	6	c	1010.2	+1	45	+4	NNE	5	NE	c	5	-	46	39	c	c	c	0.0
	Falmouth	1007.5	35	NE	3	o	1010.7	+2	35	-3	NNE	1	-	c	4	2	39	35	o	o	o.bc	0.0
	Jersey (St. Aubin)	1001.8	43	NE	5	og	1005.6	*	42	+2	NE	4	NE	cm	4	Trace	44	39	qdm	pd.og	cg.c	0.0
	Portland Bill	1006.1	39	NE	6	c	1008.7	+1	35	0	NE	4	NE	c	4	-	41	33	bc.c	o	c	*
	Dungeness	1006.1	40	E	7	c	1006.1	0	38	+2	NE	6	NE	c	6	-	40	35	c.bc	c.bc	bc	*
	Dover	1008.2	57	ENE	5	bc	1008.1	+1	36	+1	NE	4	NE	o	4	-	38	34	bc.b	b.bc	bc.c.o	4.6
Wick	1017.8	40	S	1	o	1013.9	0	38	-7	W	1	-	o	3	0.3	46	34	omp.bc	bc.om	om	*	
Nairn	1017.8	34	-	0	m	1014.5	*	39	+8	W	1	-	omu	1	-	39	29	cm	m	cm	0.0	
Aberdeen	1018.1	40	NW	1	o	1015.1	0	37	-1	SW	1	-	o	2	6	42	37	om.c	om.c	op.c	0.4	
Leith	1017.2	41	-	0	o	1015.5	-2	35	-5	W	1	-	af	*	2	44	32	cp	q	f	*	
Tynemouth	1016.8	43	SE	3	op	1014.9	0	40	-3	NNW	2	-	bcp	3	5	47	39	c	cp	omp	*	
Spurn Head	1014.0	42	E	6	bc	1012.4	-1	42	0	E	5	-	cg	5	-	44	40	cg	bc	c	0.0	
Yarmouth	1012.0	39	ENE	9	bc	1010.3	?	38	0	NE	8	NE	o	5	-	40	34	o.bc	bc	bc.o	5.5	
Clacton-on-Sea	1008.6	41	NE	6	c	1008.5	0	38	0	NE	3	NE	o	3	-	41	38	o.c.bc	bc.c	c.o	5.6	
Nottingham	1013.3	38	NE	4	c	1012.1	*	36	0	NE	3	M	bc	*	-	40	35	c.o	c.o	c.b	0.1	
Bath	1010.8	37	N	3	o	1010.8	+1	36	+1	ENE	3	NE	o	*	-	39	34	g.o	o	og	0.0	
London (Kew Obsy.)	1009.5	39	NE	5	c	1009.2	+1	37	0	NE	4	-	o	*	-	40	36	o.c.bcm	bcm.c	c.o	1.5	
ICELAND, FAEROE, &c.	Spitsbergen	997.1	10	?	6	b	995.1	+1	1	-18	SE	4	*	b	*	?	19	0	GALES. Duration and Extreme Force in British Islands. <u>Great Yarmouth.</u> 2nd 7am - 23rd 7am Easterly to North-Easterly gale. Extreme force q.			
	Isafjord	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	Reykjavik	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	Vestmanna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	Seydisfjord	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	Thorshavn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
NORTHERN EUROPE.	Vardö	1010.9	36	SW	4	o	998.0	-3	32	-2	SW	7	-	c	4	*	36	27				
	Bodö	1015.7	37	E	2	o	1004.0	-5	41	+5	SW	4	-	c	2	*	34	34				
	Christiansund	1022.3	37	SE	1	c	1013.3	-3	39	+3	-	0	-	c	3	-	39	36				
	Skudesnaes	1016.8	39	SSE	6	o	1013.8	-3	39	+2	SSE	6	-	o	4	-	39	36				
	Færder (X'tania Fjord)	1026.9	32	NE	2	o	1020.7	-3	34	0	-	0	-	o	2	Trace	34	30				
	The Scaw (Skagen)	1024.8	36	ESE	3	o	1019.8	-2	37	+3	SSE	3	-	o	3	-	37	32				
	Blaavands Huk	1021.1	34	ESE	2	b	1017.0	-1	30	-4	ENE	2	-	o	2	-	37	28				
	Haparanda	1018.6	25	-	0	f	1009.7	-4	28	+16	SW	4	-	o	*	-	28	7				
	Hernösand	1023.8	18	-	0	b	1015.0	-4	9	-18	-	0	-	b	*	-	27	7				
	Stockholm	1027.8	28	NNE	2	o	1021.7	-1	30	+2	WSW	2	-	o	*	-	30	25				
FRANCE, &c.	Wisby	1027.7	34	NE	2	o	1023.8	0	34	0	S	2	-	o	*	-	36	32				
	Karlstad	1028.0	28	-	0	o	1021.1	-4	28	0	W	2	SE	c	*	-	30	25				
	St. Petersburg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	The Helder	1013.5	32	ENE	6	b	1010.6	0	32	+2	E	5	-	o	2	-	34	30				
	Brussels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	C. Gris Nez	1005.2	31	ENE	7	b	1006.9	0	27	+2	E	5	-	o	3	-	34	25				
	La Hève	1003.9	29	NE	3	o	1005.0	*	28	+1	NE	3	-	m	2	-	39	27				
	Ushant	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	Brest (St. Mathieu)	1001.6	42	ENE	5	o	1007.9	+3	46	NNE	4	-	m	3	-	46	43					
	Roche fort (Ile d'Aix)	993.9	41	ENE	6	r	1000.7	+5	37	-4	PERIE	3	-	r	*	5	43	36				
SOUTHERN EUROPE.	Biarritz	994.7	52	SW	3	bc	1000.3	+5	52	+2	NNW	5	-	r	4	17	55	46				
	Paris	1002.1	32	NE	2	bc	...	...	...	...	...	...	...	...	...	...	...	...				
	Belfort	1003.9	26	ENE	6	m	1004.4	*	28	ENE	3	-	m	*	-	30	24					
	Lyons	1001.3	32	-	0	o	1003.4	*	32	+1	-	0	-	f	*	4	33	29				
	Nice	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
	Perpignan	992.7	52	W	1	r	1000.8	+3	41	-13	WSW	2	SW	o	*	13	55	39				
	Sanguinaire	...	55	S	4	o	...	...	55	E	3	-	o	*	5	4	61	48				
	Corunna (7 a.m.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
	Madrid (8 a.m.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
	Lisbon (9 a.m.)	1008.8	52	NNW	1	b	1010.0	0	48	0	NW	2	-	b	*	-	55	48				
Gibraltar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
Rome	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
Azores (Horta, 8 a.m.)	1022.9	*	NNE	5	bc	...	...	...	...	...	...	...	...	...	...	...	...					
Madeira (Funchal)	1005.0	61	ENE	4	o	1002.4	0	59	+2	NE	5	NE	r	5	19	64	59					





**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 11

- |               |   |
|---------------|---|
| 0 { a }<br>b  | Calms and light variable breezes, mainly Northerly; generally fair to dull, local showers, mist or fog; cold. |
| 1 { a }<br>b  |   |
| 2 { a }<br>b  | Gusty North-Easterly breezes, fresh at times; generally fair to dull, local showers, mist or fog; cold.       |
| 3 { a }<br>b  |   |
| 4 { a }<br>b  |   |
| 5 { a }<br>b  | Same as Nos. 0 and 1.   |
| 6 { a }<br>b  |   |
| 7 { a }<br>b  | Same as Nos. 2 to 5.  |
| 8 { a }<br>b  |   |
| 9 { a }<br>b  | Same as Nos. 0 and 1.   |
| 10 { a }<br>b |   |

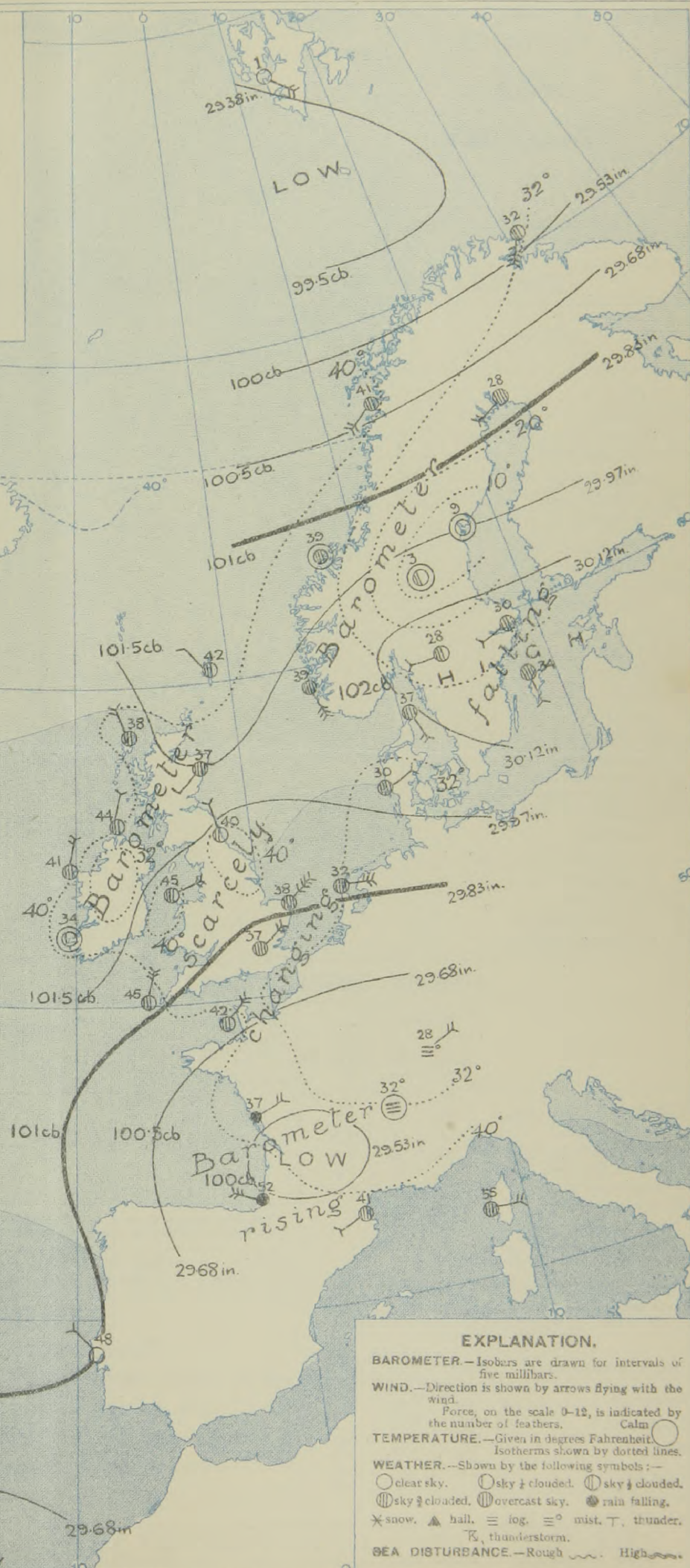
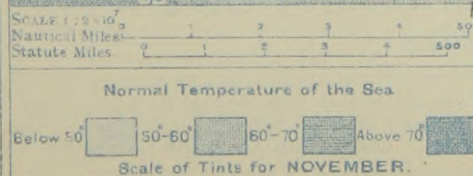
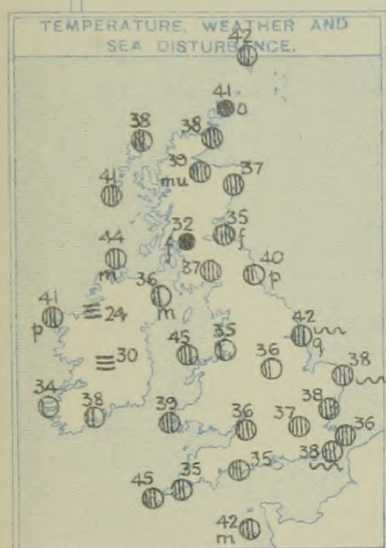
**FURTHER OUTLOOK.**



SYNOPTIC CHART FOR 7 a.m., MONDAY, 23<sup>rd</sup> NOVEMBER, 1914.

## GENERAL INFERENCE.

The depression over Southern France is passing eastward, so that some decrease of the wind about our southern coasts is probable.



EXPLANATION.

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

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

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

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

WEATHER.—Shown by the following symbols:—

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

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

SEA DISTURBANCE.—Rough. High.



## DAILY WEATHER REPORT.

Monday, 23rd November, 1914.

REPORTS  
FOR  
YESTERDAY.

22nd November, 1914.

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.	
		° F.	° F.			
Scotland.						
Oban ...	...	...	...	...	...	...
Banff ...	...	...	...	...	...	...
Carnoustie ...	...	...	...	...	...	...
St. Andrews ...	...	...	...	...	...	...
Eng. N.E.						
Harrogate ...	1	37	35	op	o.c	0.0
Scarborough ...	...	...	...	...	...	...
Skegness ...	2	42	39	oc	c.bc	0.9
Eng. N.W.						
Douglas (I. of M.) ...	...	...	...	...	...	...
Morecambe ...	...	...	...	...	...	...
Blackpool ...	...	...	...	...	...	...
Southport ...	...	...	...	...	...	...
Midlands.						
Buxton ...	1	36	32	bc	bc	0.6
Leamington Spa ...	...	...	...	...	...	...
Malvern ...	...	...	...	...	...	...
Ross-on-Wye ...	...	...	...	...	...	...
Wales.						
Rhyl ...	...	...	...	...	...	...
Colwyn Bay ...	...	...	...	...	...	...
Llandudno ...	...	...	...	...	...	...
Bettws-y-Coed ...	...	...	...	...	...	...
Aberystwyth ...	...	...	...	...	...	...
Tenby ...	...	...	...	...	...	...
Swansea ...	...	...	...	...	...	...
England, E.						
Cromer ...	1	46	37	o.c	bc.o.c	2.1
Lowestoft ...	...	...	...	...	...	...
Felixstowe ...	...	...	...	...	...	...
Walton-on-Naze ...	...	...	...	...	...	...
Southend-on-Sea ...	...	...	...	...	...	...
England, S.E.						
Tunbridge Wells ...	...	...	...	...	...	...
Margate ...	...	...	...	...	...	...
Ramsgate ...	...	...	...	...	...	...
Folkestone ...	...	...	...	...	...	...
Littlestone ...	...	...	...	...	...	...
Hastings ...	...	...	...	...	...	...
Bexhill-on-Sea ...	...	...	...	...	...	...
Eastbourne ...	...	...	...	...	...	...
Seaford ...	...	...	...	...	...	...
Brighton ...	...	...	...	...	...	...
Worthing ...	...	...	...	...	...	...
Littlehampton ...	...	...	...	...	...	...
Bognor ...	...	...	...	...	...	...
Southsea ...	...	...	...	...	...	...
Bournemouth ...	...	...	...	...	...	...
England, S.W.						
Weymouth ...	...	...	...	...	...	...
Exmouth ...	...	...	...	...	...	...
Teignmouth to 9 p.m. ...	...	...	...	...	...	...
Torquay ...	...	...	...	...	...	...
Paignton ...	...	...	...	...	...	...
Plymouth ...	...	...	...	...	...	...
Falmouth ...	...	...	...	...	...	...
Penzance ...	...	...	...	...	...	...
Bude ...	...	...	...	...	...	...
Ilfracombe ...	...	...	...	...	...	...
Weston-super-Mare ...	...	...	...	...	...	...

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall. mm. §	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.	Min.				
Greenwich (Royal Obsy.) ...	78	83	1.5	40	36	35	...	c	o	c.o
City (Banhill Row) ...	...	...	0.5	...	...	...	...	...	...	...
Westminster (St. James's Pk.)	75	79	0.6	41	37	36	...	bc	bc.o	om
Camden Sq. (Brit. Rainfall)	...	79	2.4	41	36	35	...	...	...	...
Hampstead (Reservoir) ...	...	79	3.4	41	31	27	...	o.bc	oc	o
Richmond Park ...	...	...	0.9	...	...	...	...	...	...	...
Kew. (See front page.)	...	...	...	...	...	...	...	...	...	...
(Greenwich and Camden Square air temperatures are in Glaisher screens.)	...	...	...	...	...	...	...	...	...	...
S. Kensington (Roof of M.O.)	...	81	1.5	266	Joules	8.7	Milliwatts.	23	Milliwatts.	...

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL. mm. §	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.		After- noon.	
Dublin to 4 p.m.	2	43	30	28	bc op	c.or
Darwen to 9 p.m.	...	...	...	...	...	...
Manchester "	...	...	...	...	...	...
Birmingham "	...	...	...	...	...	...
Oxford to 8 p.m.	...	37	32	27	...	c
S. Kensington (Museum Grounds to 6 p.m.)	...	40	37	31	o.q.o	o

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

22nd & 23rd November 1914.	Sunrise.		Noon.		Sunset.	
	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.29	11.39	3.49	...	...	...
Greenwich ...	7.31	11.40	3.48	...	...	...
Wick ...	7.32	11.46	3.50	...	...	...
Valencia ...	8.22	11.56	3.36	...	...	...

## NOTES ON YESTERDAY'S WEATHER.

There were a few maximum temperatures above 45°, but many were as low as 36° to 40°. Cold showers fell in some localities. Bright sunshine was very irregularly distributed, none in several districts, 6-7 hours at Brighton and Valencia.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; e. clearing; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

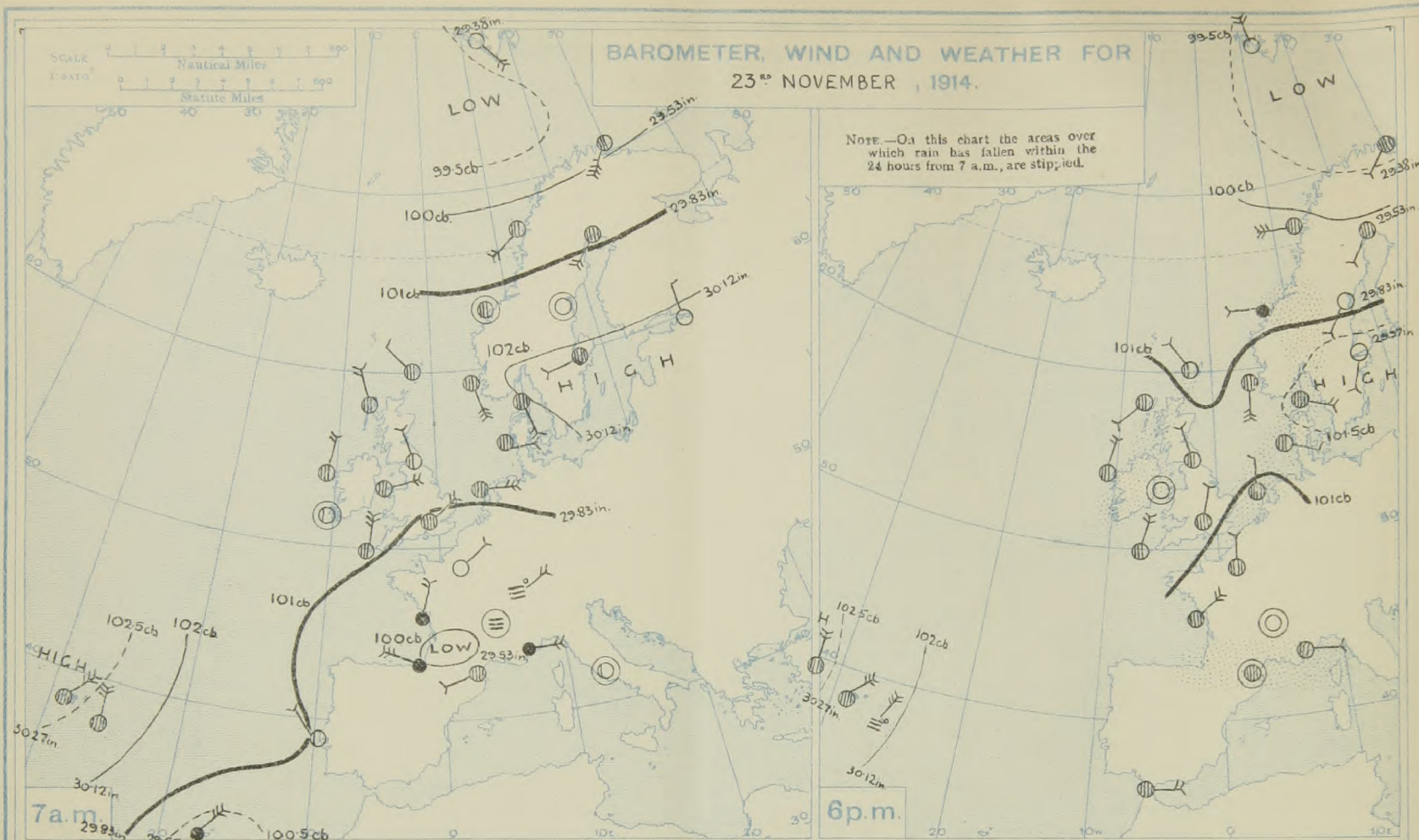


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
24th November, 1914.

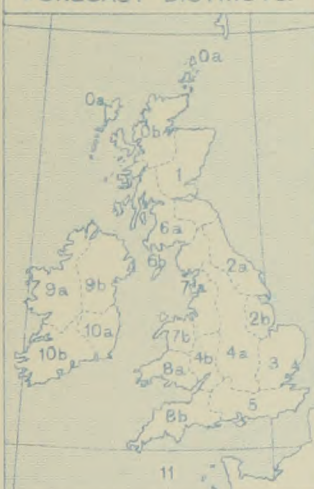
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																					
Lerwick	1009.7	37	NW	2	bc	1001.1	-4	43	+1	SSW	4	-	0	3	4	45	36	bc	bc	bc	1.5
Deerness	1011.5	38	NW	2	0	1001.0	-4	41	0	S	5	-	oug	4	2	42	37	b.o. bc	bc. b. o	on. o	0.6
Stornoway	1012.3	39	SW	2	c	1002.1	-2	42	+4	NW	2	-	0	2	7	43	36	f	c	c. op	1.1
Castlebay (Barra Is.)	1012.4	43	WNW	2	0	1004.6	-1	44	+3	W	4	-	r	4	4	48	39	op. op	op. o	c. op. r	0.0
Glasgow	1013.8	40	W	1	of	1007.4	-4	41	+9	SW	2	-	0	*	Trace	41	28	f. f.	cf. of	c. bf. op	1.9
Eskdalemuir	1014.6	30	SE	1	b	1009.6	-3	32	-5	S	3	-	0	*	-	40	27	0. c	b	b. o. c	0.8
Malin Head	1014.8	45	NW	4	cr	1006.7	-4	43	-1	SW	4	-	omgr	3	5	46	40	bc	cr	og	2.2
Markree Castle	1017.3	39	-	0	0	1010.8	-	39	+15	S	2	-	0	*	1	*	*	bc	o. c	og	1.3
Blacksod Point	1017.2	42	NNE	3	cr	1009.5	-5	42	+1	WSW	4	SW	op	4	1	47	42	bc	cr	cr. op	0.0
Valencia	1018.2	44	NNW	2	0	1014.8	-2	42	+8	SE	1	-	om	4	2	47	34	bc	cr	cr	0.0
Roche's Point	1017.4	41	NNW	2	b	1015.7	-	39	+1	NNE	1	-	0	2	0.1	46	36	b	b	bc. o	0.0
Birr Castle	1017.0	37	-	0	f	1015.3	-	34	+4	SE	1	-	c	0	0.2	38	29	f	fe	fe. ex	0.0
Donaghadee	1014.3	43	NW	4	omr	1010.5	-3	39	+3	SW	4	-	cg	3	Trace	44	34	b. g	bc. omr	bc. om	0.7
Liverpool (Bidston)	1014.4	40	NNW	1	0	1012.5	-1	39	+4	W	3	W	r	2	2	42	35	cm	cm	or	0.5
Holyhead	1014.6	41	-	0	bc	1012.6	0	43	-2	W	3	-	c	2	0.2	46	39	op. op. c	op. bc. b	bc. p. d. o	0.0
Pembroke (St. Ann's)	1015.1	37	NE	2	bc	1014.4	+1	44	+5	WNW	1	NW	b	1	-	45	35	c	c	bc	5.5
Newquay	1013.2	38	NE	2	b	-	-	-	-	-	-	-	-	-	-	-	-	c	c	-	-
Silly (St. Mary's)	1014.0	45	NNE	4	c	1015.3	0	44	-1	-	0	-	c	4	-	47	41	c	c	c. bc. c	2.9
Falmouth	1013.5	38	NNE	2	b	1015.6	+1	32	-3	NNE	1	-	bx	3	-	43	31	c. b	bc. b	bc	3.0
Jersey (St. Aubin)	1010.0	43	NE	3	ogm	1014.2	-	41	-1	NNE	3	-	ogm	2	-	44	40	c. o	ogm	ogm	0.0
Portland Bill	1012.4	37	NE	3	0	1014.0	+1	38	+3	NNW	1	-	b	3	-	38	35	c. o	c. o	b. bc. b	0.0
Dungeness	1010.0	39	NE	3	0	1012.3	+1	36	-2	NW	2	-	m	2	0.2	40	34	bc. c. o	op. d.	c. c. om	0.0
Dover	1010.6	39	N	4	0	1012.8	+1	36	0	NW	4	-	bc	3	-	39	35	0	od. o	c. c. bc	0.0
Wick	1012.1	37	W	1	0	1002.3	-4	40	+2	W	3	-	0	3	3	44	38	om. bc. p	bc. om	bc. om	0.0
Nairn	1012.8	37	W	1	cg	1003.3	-	40	+1	W	1	-	odg	1	Trace	41	33	cg	bcg	cg	0.0
Aberdeen	1012.7	40	WNW	3	0	1005.0	-4	37	0	SSW	1	-	0	2	-	43	36	c. bc	bc. c. o	c. o	2.9
Leith	1013.3	39	WSW	1	b	1006.0	-5	40	+5	WSW	3	W	c	-	-	41	34	c. bcg	bcg	bcg	0.0
Tynemouth	1013.0	40	NNW	2	cm	1007.4	-2	36	-4	W	2	W	bcm	3	-	42	33	cm	cm	bc	0.0
Spurn Head	1012.4	42	NNW	4	c	1010.9	-2	38	-4	WNW	5	-	bc	4	-	45	36	cg. bc	c	cg	3.9
Yarmouth	1011.5	40	NW	1	0	1011.6	+2	35	-3	W	2	-	bcm	1	3	40	31	0	0	or. bc. m	0.0
Clacton-on-Sea	1011.0	37	NW	3	bc	1011.6	0	36	-2	NW	2	W	c	1	-	39	34	og	og. bc. c	bc. c	0.0
Nottingham	1013.0	40	N	2	0	1012.5	-	32	-4	WSW	1	-	m	-	-	43	30	bc	bc. om	om. c	4.2
Bath	1013.5	39	E	1	0	1014.9	+1	25	-11	N	1	-	f	-	-	41	25	og	og.	gm. of	0.0
London (New Obs.)	1012.3	39	NNE	2	om	1013.6	+2	34	-3	SW	1	-	om	-	-	39	34	0. om	om.	om. c. om	0.0
ICELAND, FAEROE, &c.																					
Spitsbergen	994.9	5	N	4	b	995.9	0	3	+2	ENE	6	-	0	-	-	5	-4	GALES.			
Isafjord	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Duration and Extreme Force in British Islands.			
Reykjavik	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Great Yarmouth			
Vestmanna	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00 7am-8am NE 8.			
Seydisfjord	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Thorshavn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
NORTHERN EUROPE.																					
Vardö	994.4	32	WSW	2	0	995.7	0	25	-7	SW	6	-	0	4	*	32	25				
Bodö	1002.6	30	W	5	0	1004.2	0	34	-7	W	4	-	c	2	*	41	30				
Christiansund	1008.7	36	W	2	r	1005.5	-2	37	-2	NE	1	-	0	7	7	39	34				
Skudesnaes	1013.9	37	S	5	0	1006.9	-2	36	-3	SSE	5	-	c	3	-	39	34				
Færder (X'ianialfjord)	1014.7	37	W	2	0	1008.0	-2	34	0	SSE	2	-	r	2	4	37	34				
The Scaw (Skagen)	1015.3	37	ESE	3	0	1006.6	-2	34	-3	ESE	3	-	0	?	Trace	?	?				
Blaavands Huk	1011.3	30	ESE	1	c	1005.5	-3	30	0	ESE	1	-	s	1	Trace	34	27				
Haparanda	1002.9	32	SW	2	0	1001.6	0	19	-9	NNW	2	-	m	*	-	32	18				
Hernösand	1009.5	19	NW	2	b	1008.0	+1	18	+9	NW	2	-	?	*	-	21	7				
Stockholm	1016.6	30	SSW	2	b	1012.0	-1	32	+2	WSW	2	-	0	*	-	32	28				
Wisby	1018.4	34	S	2	0	1013.1	-3	30	-4	S	2	-	b	*	-	37	30				
Karlstad	1016.2	34	SW	2	0	1009.3	-3	30	+2	-	0	-	0	*	Trace	36	28				
St. Petersburg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
FRANCE, &c.																					
The Helder	1009.1	32	N	1	0	1008.7	+1	39	+11	NNW	2	-	0	1	1	41	32				
Brussels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
C. Gris Nez	1009.6	31	E	2	0	1011.3	+1	32	+5	NNW	5	-	0	4	1	34	27				
La Hève	1010.1	33	NE	2	m	1013.3	-	36	+8	SW	2	-	c	5	-	37	28				
Ushant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Brest (St. Mathieu)	1012.7	46	NNE	3	0	1015.0	+2	47	+1	NE	2	-	0	2	-	48	45				
Rochefort (Ile d'Aix)	1007.7	37	NE	4	0	1013.1	+1	34	-3	ENE	4	-	0	*	-	41	34				
Biarritz	1008.7	51	WSW	4	0	1011.3	+1	50	-2	NW	3	-	0	3	8	52	48				
Paris	1009.2	27	N	2	0	1014.4	+3	27	-	0	-	0	0	*	-	37	23				
Belfort	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Lyons	1007.9	33	-	0	0	1012.4	-	36	+4	-	0	-	0	*	-	36	30				
Nice	1005.6	42	E	2	c	1007.0	0	41	-5	-	0	-	0	*	-	46	37				
Perpignan	1006.4	46	-	0	0	1010.0	+1	43	+2	SW	2	NW	bc	3	26	52	41				
Sanguinaire	-	50	E	3	r	-	-	52	-3	E	2	-	bc	4	5	54	50				
SOUTHERN EUROPE.																					
Corunna (7 a.m.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Madrid (8 a.m.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Lisbon (9 a.m.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Gibraltar	1006.4	57	E	3	0	1004.0	-	58	-	E	6	-	0	2	-	59	49				
Rome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
AZORES, &c.																					
Azores (Horta, 8 a.m.)	1026.7	-	NE	5	0	-	-	-	-	-	-	-	-	-	-	-	-				
Madeira (Funchal)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				





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

0 } South-Westerly to Westerly breezes, mostly light to moderate, fresh and gusty locally; cloudy to dull, some rain and mist; moderate temperature.

1 }  
2 }

3 }  
4 }

Light breezes, mainly North-Westerly to Westerly; fine in places, but generally cloudy to dull, with local mist, fog or light showers; cold

5 }  
6 }

7 }  
8 }

9 }  
10 }

11 }

Same as Nos. 0 to 2.

Same as Nos. 3 to 5.

Same as Nos. 0 to 2.

Same as Nos. 3 to 5

FURTHER OUTLOOK.

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

W. N. SHAW, Director.

Millibars  
1050—31

1040

1030

1020

30

1010

1000

990

980

29

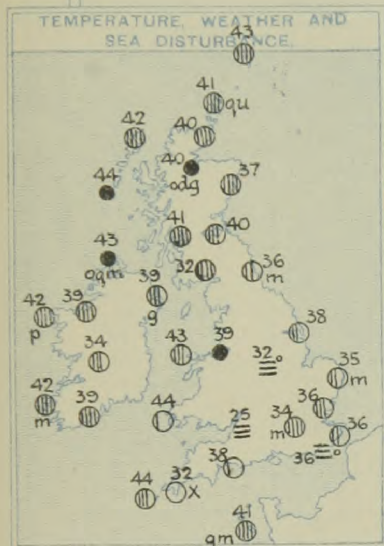
970



# SYNOPTIC CHART FOR 7 a.m., TUESDAY, 24<sup>TH</sup> NOVEMBER, 1914.

## GENERAL INFERENCE.

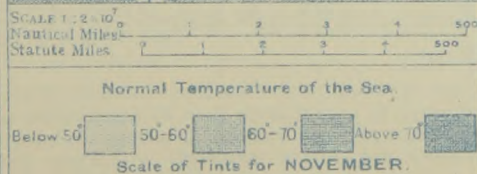
The conditions will be affected to some extent by a depression to the northward of Scotland and a small secondary on the North Sea.



Inches.  
31

30

29



## EXPLANATION.

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

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

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

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

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



## DAILY WEATHER REPORT.

Tuesday, 24th November, 1914.

REPORTS  
FOR  
YESTERDAY.

23rd November 1914.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.													
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.			
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.		
		°F.					+ -	°F	°F							°F	°F		
Petrograd ...	1021.6	19	NW	2	b	1020.6	+1	18	-10	N	1	-	b	*	-	29	18		
Ushant ...	1001.3	?	ENE	7	o	1007.3	*	?	?	NE	6	*	o	7	2	?	?		
Nice ...	1001.1	46	E	4	r	1004.3	o	46	+2	E	4	*	r	5	31	50	43		
Rome ...	1002.7	54	NE	1	o	1005.4	+1	52	+2	S	1	-	b	4	4	59	50		
Horta ...	-	-	-	-	-	1025.9	o	58	+4	NE	5	-	o	6	-	58	54		

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	mm. & Hr.	°F.	°F.	cd. bc	c	Hr.	Tunbridge Wells ...	mm. & Hr.	°F.	°F.	m. o	o	0.0
Oban ...	-	45	34	cd. bc	c	0.3	Margate ...	-	42	37	o	o	0.0
Banff ...	2	42	32	b bc. c	r. c	0.4	Ramsgate ...	-	39	35	o	o	0.0
Carnoustie ...	-	-	-	*	*	-	Folkestone ...	-	40	36	o	o	0.0
St. Andrews ...	-	45	32	*	*	4.3	Littlestone ...	-	-	-	*	*	-
England, N.E.	mm. & Hr.	°F.	°F.	op	c. o	0.6	Hastings ...	-	39	34	o	o	0.0
Harrogate ...	0.3	41	34	op	c. o	0.6	Bexhill-on-Sea ...	-	39	35	o	o	0.0
Scarborough ...	*	47	40	o	c. c	3.2	Eastbourne ...	-	44	34	o	o	0.0
Skegness ...	-	43	39	o. c	c. o	1.1	Seaford ...	-	39	34	bc	bc	0.0
England, N.W.	mm. & Hr.	°F.	°F.	bc	bc	1.0	Brighton ...	-	40	36	o	o	0.0
Douglas (I. of M.) ...	-	43	34	bc	bc	1.0	Worthing ...	-	39	36	c	o	0.0
Morecambe ...	-	44	31	c. o	c. c	1.3	Littlehampton ...	-	-	-	-	-	-
Blackpool ...	-	41	30	c. o. c	c. o	2.2	Bognor ...	-	40	37	o	o	0.0
Southport ...	-	41	30	c. o. c	c. o	2.2	Southsea ...	-	-	-	-	-	-
Midlands.	mm. & Hr.	°F.	°F.	bc	bc	2.1	Bournemouth ...	-	39	33	o	o	0.0
Buxton ...	-	38	27	bc	bc	2.1	Weymouth ...	-	38	34	o	om	0.0
Leamington Spa ...	-	42	30	bc. c	bc. cm	1.4	Exmouth ...	-	-	-	-	-	-
Malvern ...	-	40	33	c	c	1.9	Teignmouth to 9 p.m.	-	39	33	o	o	0.0
Ross-on-Wye ...	-	42	33	bc. c	bc	1.5	Torquay ...	-	39	34	o	c. c	0.0
Wales.	mm. & Hr.	°F.	°F.	c	c. o	0.6	Paignton ...	-	39	33	o	o	0.0
Rhyl ...	-	42	28	c	c. o	0.6	Plymouth ...	-	43	35	c. b	bc. b	3.0
Colwyn Bay ...	-	42	34	o. bc	bc. o	1.0	Falmouth ...	-	43	35	c. b	bc. b	3.0
Llandudno ...	-	44	37	c	c	0.6	Penzance ...	-	45	37	c	bc	1.7
Bettws-y-Coed ...	-	-	-	-	-	-	Bude ...	-	45	38	o. c	bc. bc. c	1.5
Aberystwyth ...	-	43	27	o. c	bc. o	2.3	Ilfracombe ...	-	40	34	c. o. bc	bc. bm	0.3
Tenby ...	-	45	32	bc	bc	4.0	Weston-super-Mare ...	-	-	-	-	-	-
Swansea ...	-	40	35	bc	bc. b	2.7							
England, E.	mm. & Hr.	°F.	°F.	o. c	o. c	0.0							
Cromer ...	-	40	27	o. c	o. c	0.0							
Lowestoft ...	-	40	27	o	o. c	0.0							
Felixstowe ...	-	39	35	cm	cm	0.0							
Walton-on-Naze ...	-	39	32	cm. cg	o. c	0.0							
Southend-on-Sea ...	-	39	33	o	o	0.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	Hr.	° F.	° F.	° F.	mm. &			
Greenwich (Royal Obsy.) ...	50	93	0.0	39	34	28	—	o	o	c. b
City (Runhill Row) ...	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	76	96	0.0	42	33	30	—	o	o	m. b. m.
Camden Sq. (Brit. Rainfall)	81	96	0.0	39	33	29	—	o	o	*
Hampstead (Reservoir) ...	*	99	0.0	41	29	22	—	c. o	oc	ef
Richmond Park ...	*	*								
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	82	88	0.0	54 Joules		1.8 Milliwatts.		5 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	mm &	° F.	° F.	° F.	bc	b	of	*
Darwen to 9 p.m.	1	43	35	34	bc	op bc	bc op	0.4
Manchester "		39	31	24				
Birmingham "	-			*				
Oxford to 8 p.m.	*	40	32	27	o	o	o c	0.0 *
S. Kensington (Museum Grounds to 6 p.m.)	-	40	27	36	o	o	o. om	*

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

24th & 25th November 1914.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	7.31	11.40	3.48
Greenwich ...	7.33	11.40	3.47
Wick ...	7.34	11.47	3.50
Valencia ...	7.35	11.47	3.50
	8.22	11.59	3.26
	8.24	11.59	3.25
	8.17	12.28	4.30
	8.14	12.28	4.37

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 45° in nearly all districts, below 40° at a number of stations; showers fell in many places. St. Ann's Head had 5 ½ hours of bright sunshine, but generally the records were very small, none over an extensive area.

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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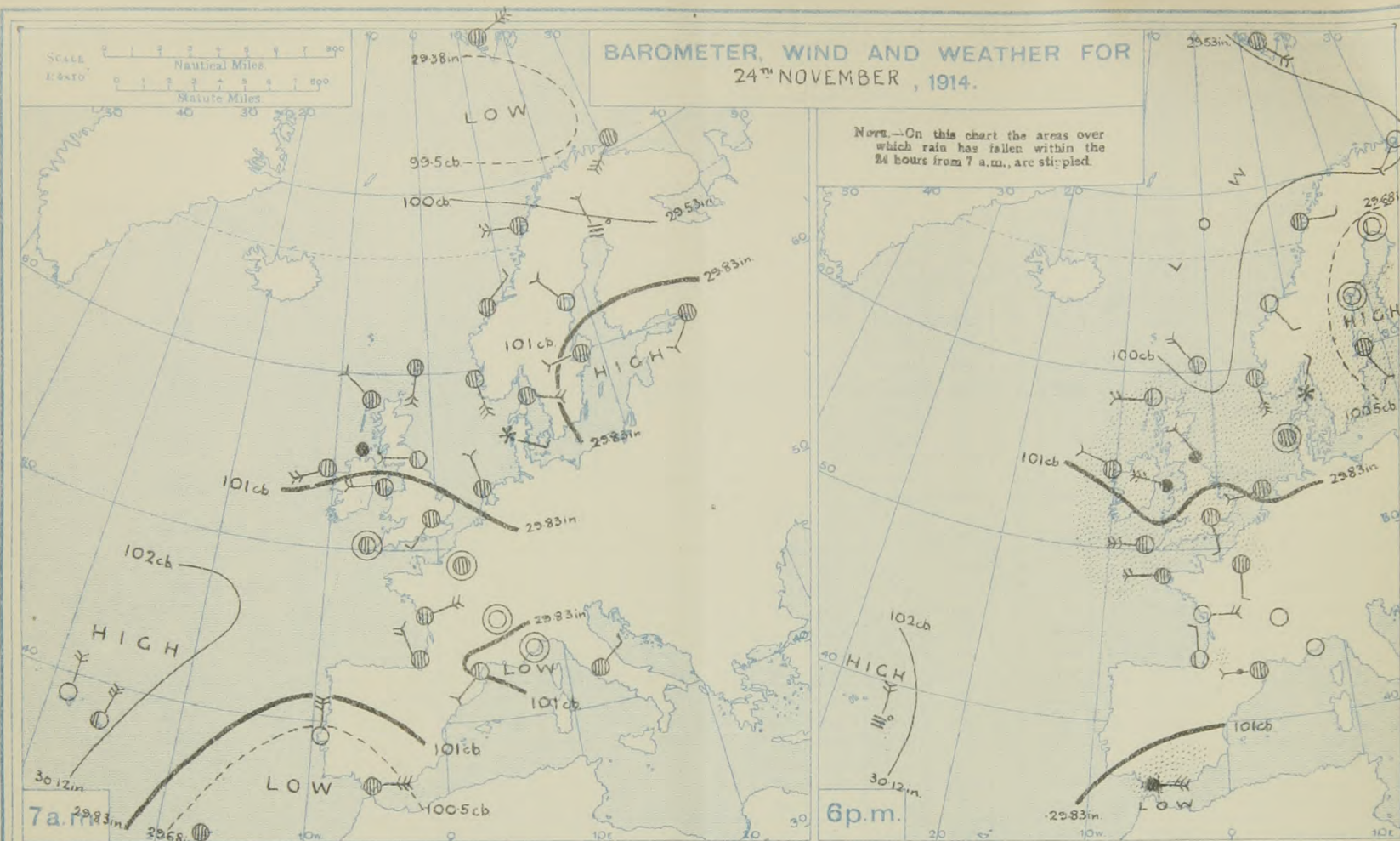


\* Information for these columns not usually received.

† Received too late for insertion in Charls.

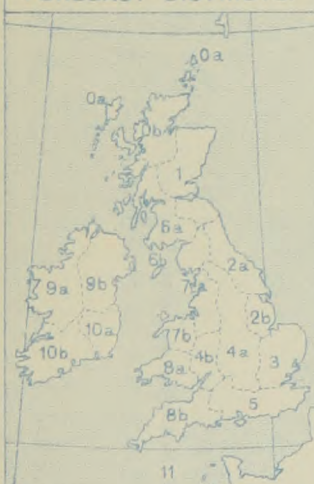
‡ The barometric change is expressed in half-millibars.





# 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 11

- 0 { a } Light Westerly breezes, backing Southerly and  
b } freshening; fair to dull, some rain, local mist or fog;  
temperature rising.
- 1 { a } Light to moderate Westerly to South-Westerly breezes;  
b } fair to dull, some rain, local mist or fog; temperature  
rising.
- 2 { a } Light to moderate North-Westerly to Westerly breezes;  
b } fair to dull, some rain, local mist or fog; temperature  
rising.
- 3 { a }  
b }
- 4 { a }  
b }
- 5 { a }  
b }
- 6 { a }  
b }
- 7 { a } Same as No. 0.  
b }
- 8 { a } Same as Nos. 2 to 5.  
b }
- 9 { a } Freshening Southerly breezes, generally cloudy to  
b } dull, some rain, mist or fog; temperature rising
- 10 { a }  
b }

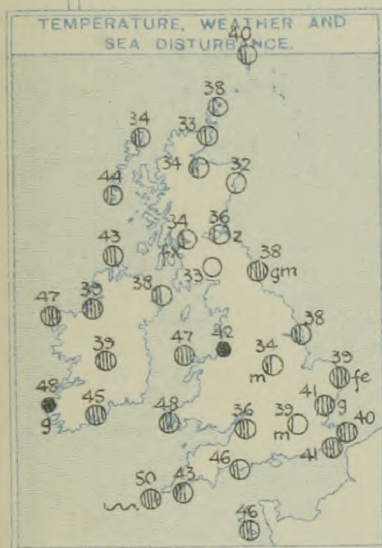
## FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 25<sup>TH</sup> NOVEMBER, 1914.

## GENERAL INFERENCE.

There are indications of the approach of a new depression towards our western coasts, so that a changeable type of weather is probable.

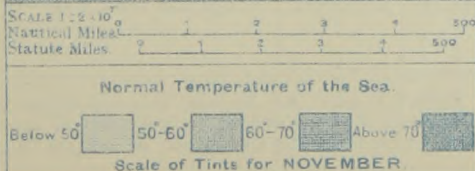


inches.

31

30

29



## EXPLANATION.

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

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

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

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

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



## DAILY WEATHER REPORT.

Wednesday, 25th November, 1914.

REPORTS  
FOR  
YESTERDAY.

24th November 1914.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.												Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.				Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours	Direc.	Force 0-12.									
																°F.				°F.
Petrograd	1015.9	23	S	1	o	1011.0	+2	30	+12	SW	2	-	o	2	-	30	14			
Lisbon	1009.2	52	N	3	b	1007.4	0	?	?	N	5	-	b	5	-	55	48			
Rome	1006.6	52	SW	1	b	1004.0	+1	48	-4	NE	1	-	o	2	Trace	61	48			
Horta	-	-	-	-	-	1026.1	0	58	0	N	4	-	b	4	6	59	55			
Funchal	1026.8	55	?	?	r	1002.3	?	63	+5	?	?	N	0	?	92	63	55			

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
		mm. & g.	° F.	° F.			Hr.			mm. & g.	° F.	° F.			Hr.	
Scotland.	{ Oban ... ..	3	45	34	r.o.c	bc.o	0.0	England, S.E.	{ Tunbridge Wells ... ..	—	46	31	m.c.bc	bc.om	3.0	
	{ Banff ... ..	1	42	33	dg.r	o.c.bc	0.8		{ Margate ... ..	—	44	38	o.g	o.g	0.0	
	{ Carnoustie ... ..	—	—	—	—	—	—		{ Ramsgate ... ..	—	48	36	bc.m	m	2.3	
	{ St. Andrews ... ..	—	—	—	—	—	—		{ Folkestone ... ..	—	46	37	bc.m.bc	b.bc.m	2.5	
Eng. N.E.	{ Harrogate ... ..	—	40	32	c.o	o	0.0		{ Littlestone ... ..	—	—	—	—	—	—	—
	{ Scarborough ... ..	—	42	35	o	o.c	0.6		{ Hastings ... ..	—	44	34	o	b.bc	1.7	
	{ Skegness ... ..	2	41	31	bc	bc.o	1.7		{ Bexhill-on-Sea ... ..	—	46	33	bc	o.g	1.4	
	{ Douglas (I. of M.) ... ..	—	—	—	—	—	—		{ Eastbourne ... ..	—	48	35	o.bc	o.g	3.1	
Eng. N.W.	{ Morecambe ... ..	4	44	30	o	d.r	0.0		{ Seaford ... ..	—	46	33	bc	bc	3.2	
	{ Blackpool ... ..	3	46	33	c.o	o.or	0.0		{ Brighton ... ..	—	45	33	o.c.bc	b.bc.cm	4.0	
	{ Southport ... ..	2	44	34	c.o	or	0.0		{ Worthing ... ..	—	46	33	bc	bc.c	4.0	
	{ Buxton ... ..	1	37	32	o	o.or	0.0		{ Littlehampton ... ..	—	45	33	bc	bc	?	
Midlands.	{ Leamington Spa ... ..	—	42	29	c	c	1.7		{ Bognor ... ..	—	45	30	c.b	bc	4.4	
	{ Malvern ... ..	—	43	35	c	c	0.9		{ Southsea ... ..	—	45	31	o.c	bc.c.o	4.0	
	{ Ross-on-Wye ... ..	0.3	43	23	bc	bc.or	0.8		{ Bournemouth ... ..	—	46	28	f.bc	c.o	4.0	
	{ Rhyl ... ..	3	43	30	—	—	0.0		England, S.W.	{ Weymouth ... ..	—	48	29	m.b	bc.cm	3.2
Wales.	{ Colwyn Bay ... ..	2	44	38	c	or	0.0	{ Exmouth ... ..		—	—	—	—	—	—	—
	{ Llandudno ... ..	4	45	?	o	or	0.0	{ Teignmouth to 9 p.m. ... ..		—	44	28	bc.c	c.o	0.1	
	{ Bettws-y-Coed ... ..	—	—	—	—	—	—	{ Torquay ... ..		—	45	31	c.o	c.o	0.5	
	{ Aberystwyth ... ..	4	45	31	r.o.c	c.er	0.5	{ Paignton ... ..		—	45	28	bc	c	0.0	
England, E.	{ Tenby ... ..	2	45	27	bc	bc.o	0.1	{ Plymouth ... ..		—	—	—	—	—	—	—
	{ Swansea ... ..	1	44	30	bc	ur	0.0	{ Falmouth ... ..		—	46	31	bc.o	o.c	2.5	
	{ Cromer ... ..	1	43	36	m.bc	bc.o.c	3.9	{ Penzance ... ..		—	48	32	c	c	0.2	
	{ Lowestoft ... ..	—	—	—	—	—	—	{ Bude ... ..		—	—	—	—	—	—	—
England, E.	{ Felixstowe ... ..	—	—	34	bc.m	bc.m	4.4	{ Ilfracombe ... ..		3	47	34	o	o.p.or	0.5	
	{ Walton-on-Naze ... ..	—	43	34	m.c.o.bc	bc.m.o.c	3.5	{ Weston-super-Mare ... ..	—	44	25	c.b	o	1.5		
	{ Southend-on-Sea ... ..	—	42	26	o	c.o.bc	0.2									

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
				%	%					
Greenwich (Royal Obs.) ...	65	94	2.4	44	34	29	3	cg	c.o	om.r.o.c
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	75	94	1.2	44	33	31	3	o	o.bc	m.to
Camden Sq. (Brit. Rainfall)	70	92	1.7	43	34	32	4	f.bc	bc.o	*
Hampstead (Reservoir) ...	*	94	2.7	42	39	25	4	bc.or	er	b
Richmond Park	*	*	2.6	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	65	85	2.1	28.2 Joules		9.3 Milliwatts.		21 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm %	° F.	F.	F.				Hr.
Dublin to 4 p.m.	3	44	33	32	b	g	r	*
Darwen to 9 p.m.	3	39	34	27	bc.or	aur	aur	0.0
Manchester "	2	40	32	*	ofe	fec.ad	or	0.2
Birmingham "	1	42	33	25	*	o.c	or	1.1
Oxford to 8 p.m.	*	41	30	23	bm.c.f	cf cm	cm.o	*
S. Kensington (Museum Grounds to 6 p.m.)	Trace	43	34	28	om.o	cm.bm	bcm.bm	*

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

	25th & 26th November 1914.		
	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.33	11.40	3.47
Greenwich ...	7.34	11.40	3.46
Wick ...	7.37	11.47	3.58
Valencia ...	8.24	11.59	3.32
	8.27	11.59	3.31
	8.19	12.28	4.27
	8.26	12.28	4.36

## NOTES ON YESTERDAY'S WEATHER.

Temperature was on the increase, mounting to 50° at Lerwick and Scilly, and 51° at Valencia. Rain fell generally, 10 mm. at Blacksod, and 11 mm. at Malin Head. Many stations had no sunshine, and Dover registered 5 hours.

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

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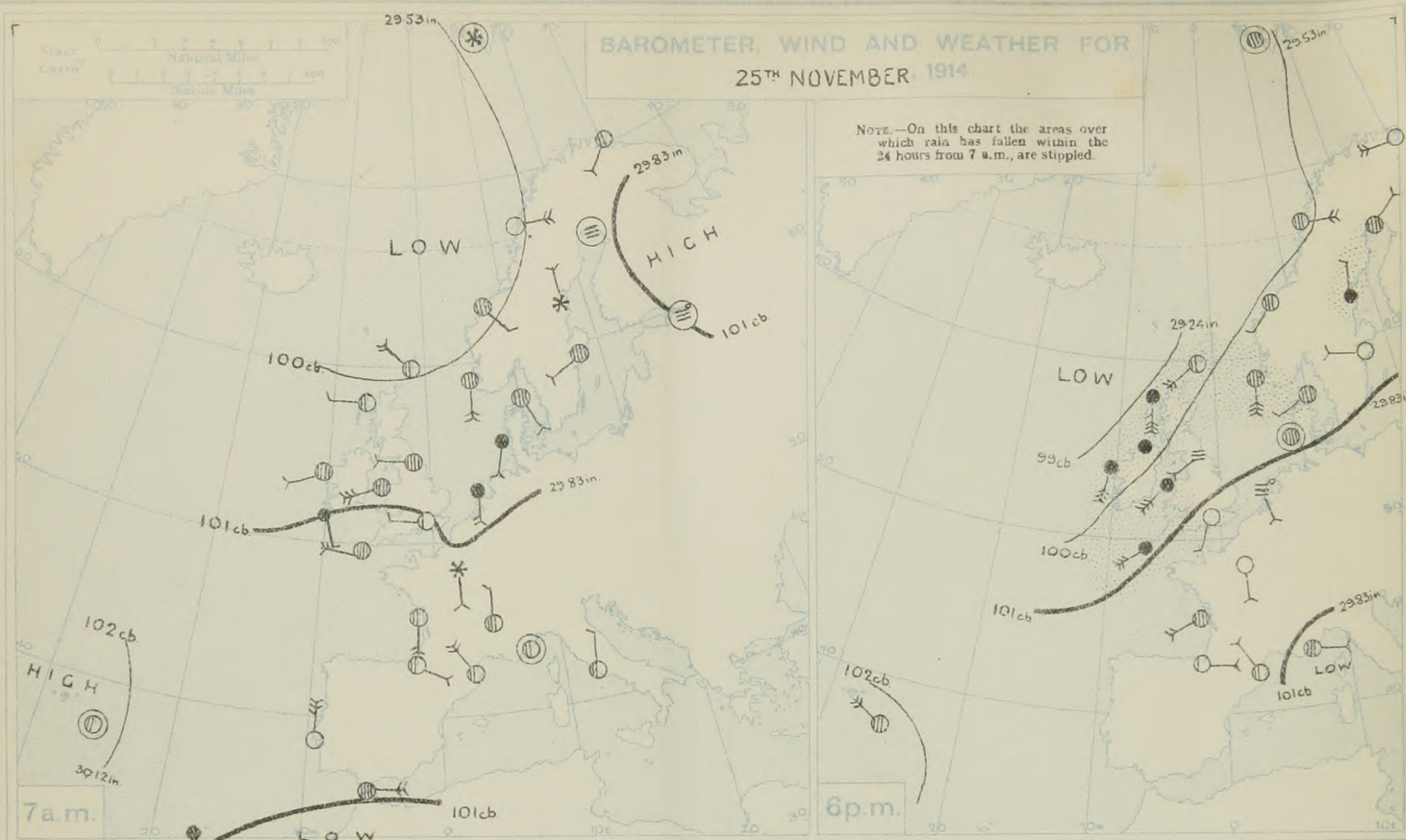
Thursday,  
25th November 1914.

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

† The barometric change is expressed in half-millibars.





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

Cones hoisted  
2.3 p.m.  
and 7.3 p.m.

Western Channel and Bay }

0 } Wind between South and West, generally strong and  
1 } and squally, a gale at times; dull to fair, some rain and  
mild.

2 } Squally South-Westerly wind, strong to high at  
3 } times; dull to fair, some rain and mist; very mild.

4 }  
5 }  
6 } Same as Nos. 0 to 1.  
7 }  
8 }

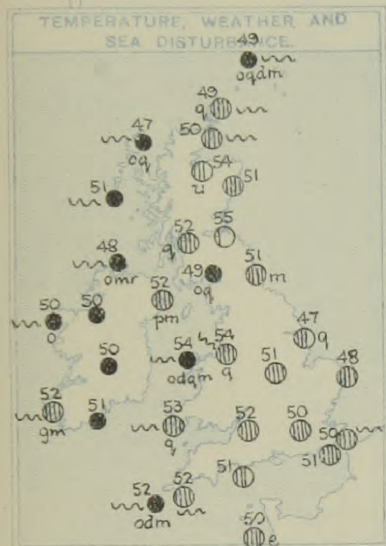
9 } Squally Southerly to Westerly winds, a gale at  
10 } times locally; dull to fair, some rain and mist; very  
mild.

**FURTHER OUTLOOK.**



# GENERAL INFERENCE.

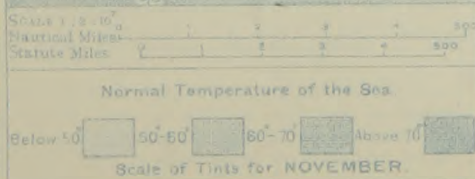
The conditions will remain under the influence of the deep depression in the far north.



Inches.  
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## DAILY WEATHER REPORT.

Thursday, 26th November, 1914.

REPORTS  
FOR  
YESTERDAY.

25th November 1914.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.		
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.						
		°F.					†	°F	°F							°F	°F
Petrograd	1008.3	34	W	2	o	1010.0	0	30	0	W	1	W	1	m	*	34	28
Nice	1008.6	45	-	0	c	1008.8	0	43	+2	W	1	W	1	bc	2	54	39
Lisbon	1007.7	55	NNE	5	bc	1014.1	0	48	+2	W	5	W	5	b	5	55	48
Rome	1008.3	50	-	0	b	1010.6	0	39	-9	W	1	W	1	bc	*	57	39
Horta	1024.4	*	NNE	4	o												
Funchal	1007.7	57	NE	3	r	1011.9	+2	57	-6	W	2	W	2	r	.	64	57

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

STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells	3	48	37	m.b. bc	b. bcm	5.4
Banff	—	41	32	bc	b. bc. o	3.2	Margate	—	45	38	c. b	b. bc	3.8
Carnoustie	—	—	—	—	—	—	Ramsgate	—	45	35	m. bc	bc	3.8
St. Andrews	—	44	29	—	—	1.6	Folkestone	5	47	40	cm. bc	bc	2.8
England, N.E.							Littlestone	—	—	—	—	—	—
Harrogate	2	43	33	c. o	om	0.5	Hastings	4	48	39	or bc. b	bc	7.1
Scarborough	—	44	36	c. o	c. b	0.6	Bexhill-on-Sea	3	47	39	b	b	6.8
Skegness	3	43	33	bc	r. o. bc. b	2.5	Eastbourne	5	49	39	b. bc. b	bc	6.8
England, N.W.							Seaford	3	48	33	c	bc	6.1
Douglas (I. of M.)	—	—	—	—	—	—	Brighton	3	48	38	c. bc	bc. c	5.8
Morecambe	—	—	—	—	—	—	Worthing	3	50	26	bc	bc	5.6
Blackpool	12	45	38	c. o	o. od	0.5	Littlehampton	3	45	27	bc. b	b. bc. c	?
Southport	5	47	39	c. o	c. od	0.0	Bognor	6	47	37	b	bc	4.1
Midlands.							Southsea	—	48	23	o. c. b	bc. o	4.2
Buxton	4	43	35	c	c	0.3	Bournemouth	3	49	27	r. o	c. or	1.2
Leamington Spa	2	44	31	bc	c	1.0	Weymouth	3	52	28	c. bc	bc. c. or	0.9
Malvern	0.3	46	38	bc	c	1.3	Exmouth	—	—	—	—	—	—
Ross-on-Wye	1	47	32	bc	bc. c. o	1.5	Teignmouth to 9 p.m.	Trace	50	38	c	cp	0.2
Wales.							Torquay	1	50	27	om	c. o	0.7
Rhyl	4	49	36	—	—	0.1	Paignton	—	—	—	—	—	—
Colwyn Bay	3	50	41	bc	bc	0.0	Plymouth	—	—	—	—	—	—
Llandudno	3	47	43	—	—	0.1	Falmouth	—	—	—	—	—	—
Bettws-y-Coed	—	—	—	—	—	—	Penzance	1	51	43	c. o	od	0.0
Aberystwyth	2	50	39	o. c. o	c. or	0.3	Bude	2	53	49	o	om	0.0
Tenby	7	51	38	bc	bc. or	0.0	Ilfracombe	3	48	44	o	o	0.0
Swansea	6	49	38	bc	or	0.0	Weston-super-Mare	9	46	37	bc	c. o	0.2
England, E.													
Cromer	2	47	38	m. bc	bcm	4.5							
Lowestoft	1	46	38	c. bc	bcw	4.5							
Felixstowe	1	46	37	bcm	bcm	4.3							
Walton-on-Naze	1	45	33	bcm. b	b. bc	4.7							
Southend-on-Sea	2	48	36	bc	b. bc. o. b	5.3							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				%	%	Hr.	° F.	° F.	° F.	mm. §
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	77	90	2.6	51	38	31	-	b	bc	bc. o
City (Bunhill Row) ...	*	*	0.3	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	73	83	1.5	52	38	33	-	m	b	bm. or
Camden Sq. (Brit. Rainfall)	76	81	2.5	52	39	35	-	bm. bc	bc. b	*
Hampstead (Reservoir) ...	*	85	3.3	50	34	27	-	b	bcm	c. o
Richmond Park ...	*	*	4.1	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.			Average Rate.		Max. Rate.	
S. Kensington (Roof of M.O.)	70	87	2.3	287 Joules			9.5 Milliwatts.		23 Milliwatts.	

## Additional Observations for Yesterday.

STATIONS.	Rain- fall. mm.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.	Night.	Fore- noon.	
Dublin to 4 p.m.	1	49	38	37	c	bc. p
Darwen to 9 p.m.	—	—	—	—	—	—
Manchester "	—	—	—	—	—	—
Birmingham "	2	43	36	32	r. o	o. c
Oxford to 8 p.m.	—	46	36	28	m. o. bc	bc. c
S. Kensington (Museum Grounds to 6 p.m.)	2	47	39	31	bm. or. or. bc	c. o. bc. bm

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

26th, 27th, 28th, 1914.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth	7.34	11.40	3.46
Greenwich	7.36	11.41	3.45
Wick	7.37	11.47	3.57
Valencia	8.27	11.59	4.31
	8.20	12.0	3.29
	8.20	12.28	4.25
	8.22	12.29	4.25

## NOTES ON YESTERDAY'S WEATHER.

During the day temperature continued to increase, so that the maxima occurred in the night. Rain was general, and ranged up to 13 mm. at Eskdalemuir. There was little or no sunshine in the western and northern districts, but in Southern England there were records from five to seven hours.

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

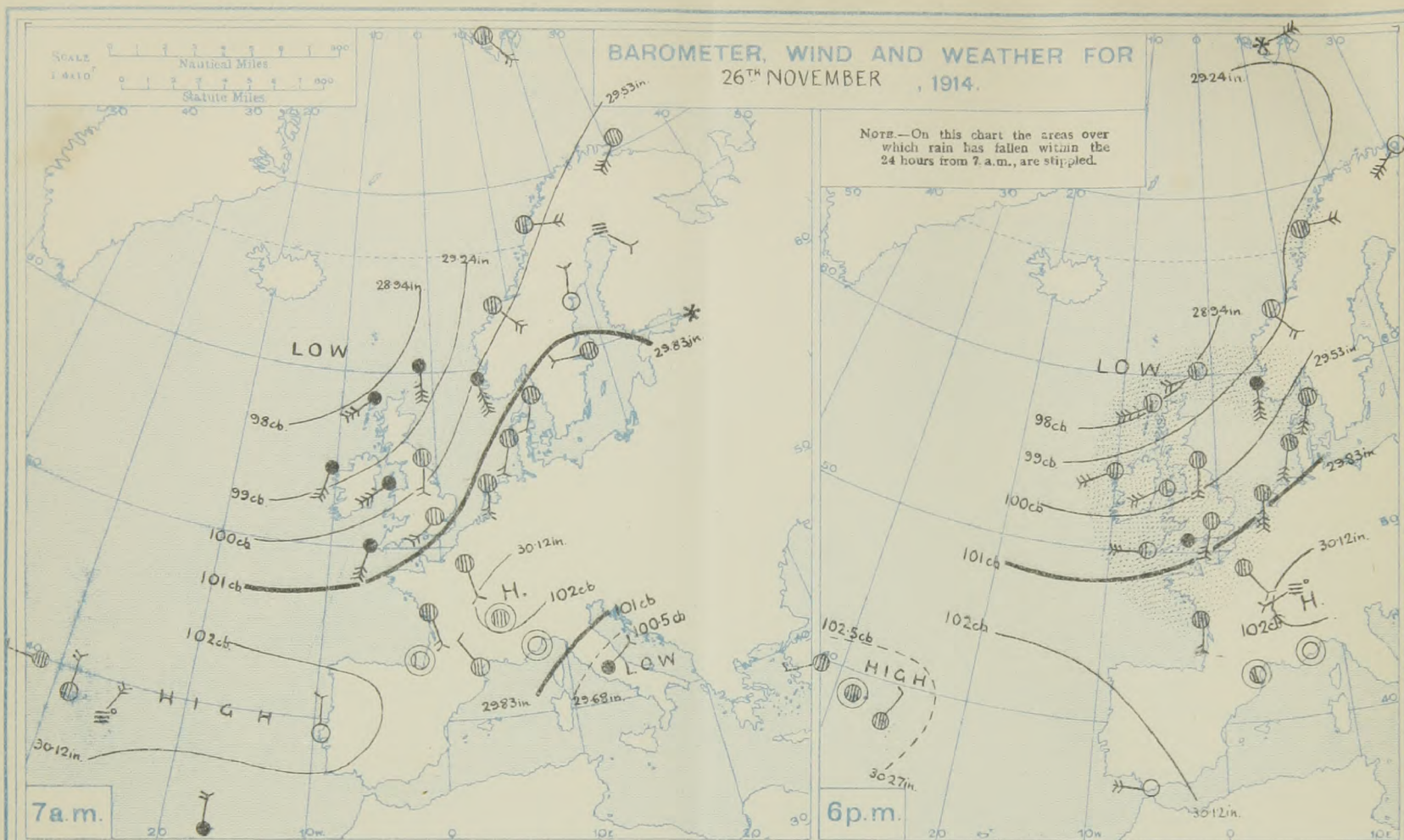
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Friday,  
127th November, 1914.

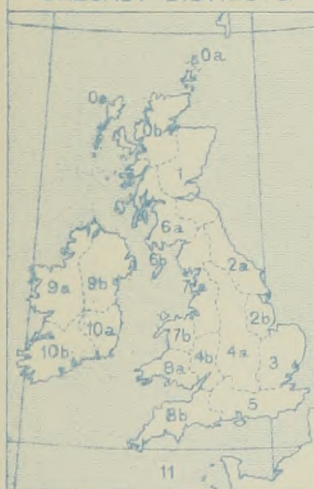
\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





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

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

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

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

No Warnings  
Issued.

Western Channel and Bay 11

0 { a } Squally South-Westerly to Westerly winds, strong  
b } or high at times, moderating later; weather variable, fair  
1 } or fine to showery; moderate temperature.

2 { a } Gustly South-Westerly to Westerly breezes, fresh  
b } or strong locally, then moderating; weather variable, fair  
3 } or fine to showery; moderate temperature.  
4 { a }  
b }

Same as Nos. 0 and 1.

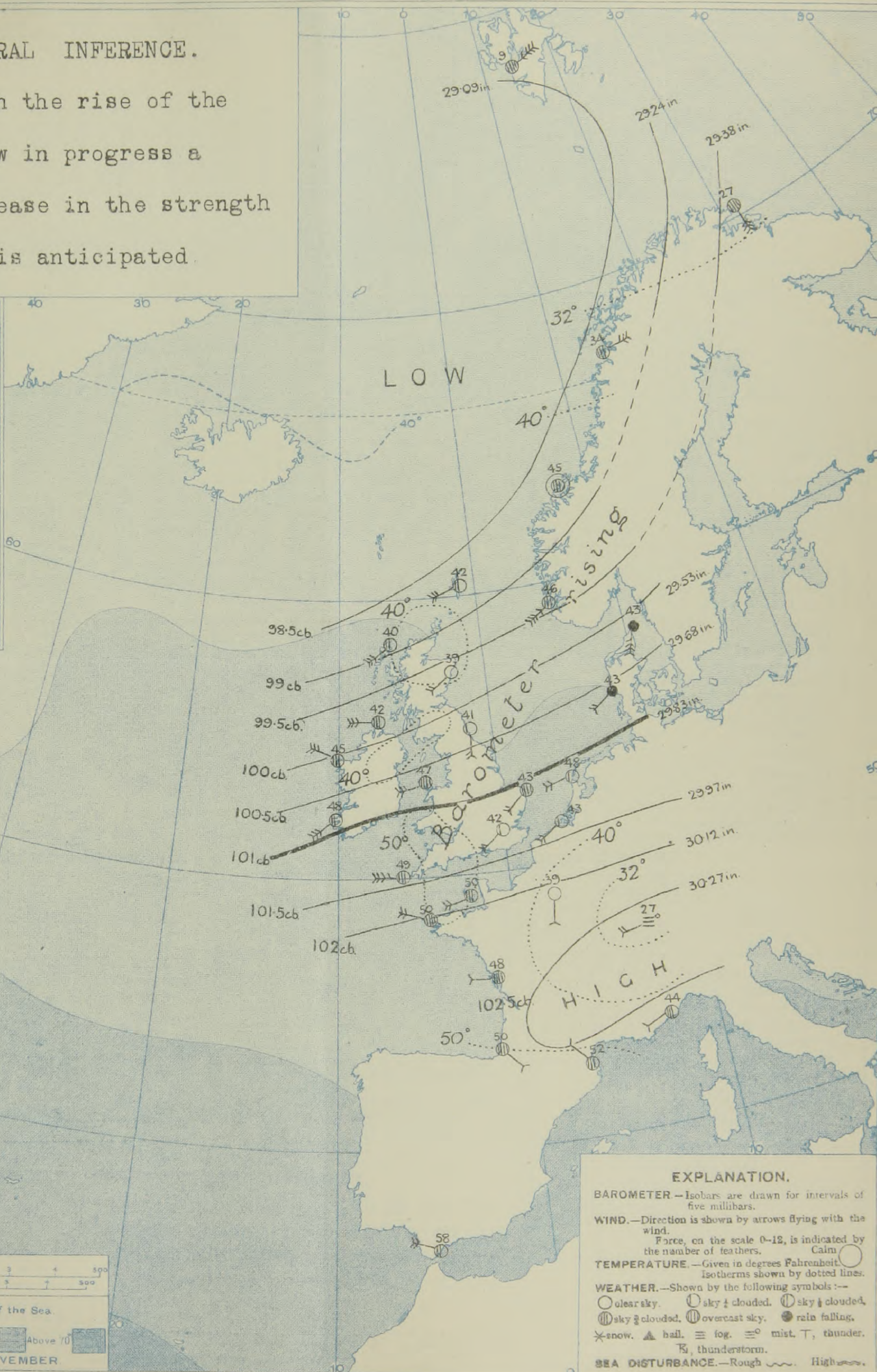
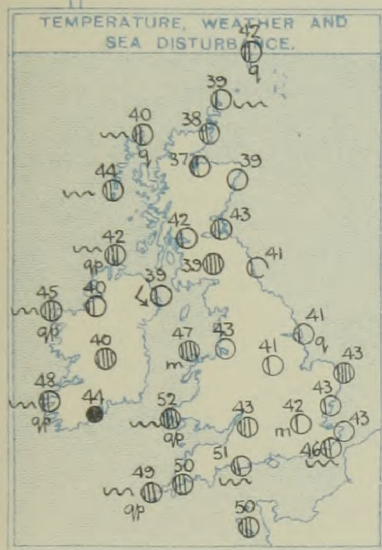
#### FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 a.m., FRIDAY, 27<sup>TH</sup> NOVEMBER, 1914.

## GENERAL INFERENCE.

With the rise of the barometer now in progress a general decrease in the strength of the wind is anticipated.



## EXPLANATION.

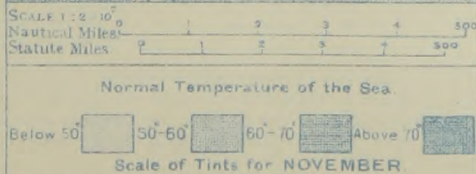
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

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

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

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

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





## DAILY WEATHER REPORT.

Friday, 27th November, 1914.

REPORTS  FOR  YESTERDAY,   26th November 1914	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.													
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.		
		°F					†	°F	°F							°F	°F			
Petrograd	1009.9	18	S	1	0	?	+1	21	-9	?	?	-	S	4	-	30	18			
Lyons	1018.0	33	S	1	0	1022.6	+	32	+3	N	1	+	S	0	-	36	29			
Sanguinaire	*	54	NW	3	0	*	*	68	+2	NW	1	*	r	5	-	68	43			
Lisbon	1017.2	57	N	4	6	1021.3	+2	46	-2	N	2	-	b	5	-	59	45			
Rome	1004.8	52	S	1	0	1001.9	0	46	+7	NE	2	-	r	4	26	55	46			
Horta	.	.	.	.	0	1024.6	+1	57	*	N	3	-	c	2	1	63	55			
Funchal	1013.7	63	N	3	0	1016.6	+1	89	+2	N	3	-	c	3	11	64	57			

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

STATIONS.		Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.			STATIONS.		Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
			Max.	Min.	Forenoon.	Afternoon.							Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	19	53	30	r.c.	b.c.	0.1	England, S.E.		Tunbridge Wells ...	0.3	51	37	0	0	0.0	0.0
	Banff ...	3	54	39	b.c.	b.c.	0.5			Margate ...	-	52	40	0	0	0.0	0.0
	Carnoustie ...	*	*	*	*	*	*			Ramsgate ...	-	50	37	0	0	0.0	0.0
	St. Andrews ...	*	*	*	*	*	*			Folkestone ...	0.3	50	42	0	0	0.0	0.0
Eng. N.E.	Harrogate ...	8	54	41	0	or	0.0	England, S.E.		Littlestone ...	*	*	*	*	*	*	0.0
	Scarborough ...	*	52	39	o.c.	o.c.	0.9			Hastings ...	1	51	42	op.0	0	0.0	0.0
	Skegness ...	-	51	39	0	0	0.0			Bexhill-on-Sea ...	0.3	60	41	0	0	0.0	0.0
										Eastbourne ...	0.3	53	40	0	ag	0.0	0.0
Eng. N.W.	Douglas (I. of M.) ...	*	*	*	*	*	*	England, S.W.		Seaford ...	*	*	*	*	*	*	0.0
	Morecambe ...	9	53	45	od	d	0.0			Brighton ...	1	52	39	0	0	0.0	0.0
	Blackpool ...	3	55	45	opg	c.0	0.0			Worthing ...	1	59	37	0	0	0.0	0.0
	Southport ...	8	55	43	o.c.0	or.0	0.0			Littlehampton ...	1	51	39	op	ag	0.0	0.0
Midlands.	Buxton ...	5	50	40	b.c.	cr	0.0	England, S.W.		Bognor ...	1	52	43	og	0	0.0	0.0
	Llannington Spa ...	1	53	35	oe	oe	0.0			Southsea ...	1	53	40	0	0	0.0	0.0
	Malvern ...	4	52	43	0	od	0.0			Bournemouth ...	3	53	45	od	or	0.0	0.0
	Ross-on-Wye ...	1	53	46	0	or	0.0										
Wales.	Rhyl ...	3	56	40	or	or.0	0.0	England, S.W.		Weymouth ...	4	54	46	oe.c	b.c. or	0.0	0.0
	Colwyn Bay ...	2	56	47	b.c.	op	0.0			Exmouth ...	*	*	*	*	*	*	0.0
	Llandudno ...	5	59	48	0	o.c	0.0			Teignmouth to q.p.m.	5	54	49	od	d.r	0.0	0.0
	Bettws-y-Coed ...	*	*	*	*	*	*			Torquay ...	3	53	48	0	d.0	0.0	0.0
England, S.	Aberystwyth ...	4	54	46	r.c.c	or	0.0	England, S.W.		Paignton ...	4	53	40	e	c.or	0.0	0.0
	Tenby ...	10	53	40	or	r	0.0			Plymouth ...	*	*	*	*	*	*	0.0
	Swansea ...	9	50	45	d	ur	0.0			Falmouth ...	*	*	*	*	*	*	0.0
										Penzance ...	6	54	49	0	r	0.0	0.0
England, S.	Cromer ...	?	53	38	o.c	o.c	0.3	England, S.W.		Bude ...	*	*	*	*	*	*	0.0
	Lowestoft ...	-	50	38	c.o.c	c.0	0.1			Ilfracombe ...	7	54	48	or	r.0	0.0	0.0
	Felixstowe ...	-	48	39	cm	cm	0.0			Weston-super-Mare ...	1	54	43	c.0	or	0.0	0.0
	Walton-on-Naze ...	-	48	38	c.og	ogm	0.0										
England, S.	Southend-on-Sea ...	-	50	39	0	0	0.0										

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
				Max.	Min.								Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.																			
%	%	Hr.	° F.	° F.	° F.	mm. §													
Greenwich (Royal Obs.) ...	81	77	0.0	52	43	35	3	0	0.0r	0.0. b	Dublin to 4 p.m.	3	56	50	51	dq	r	b	*
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*	Darwen to 9 p.m.	21	51	41	40	or	our	or	0.0
Westminster (St. James's Pk.)	80	82	0.0	54	43	35	4	od	0.0d	omr. bc	Manchester "	*	*	*	*	*	*	*	0.0
Camden Sq. (Brit. Rainfall)	80	82	0.0	54	41	35	5	0	0	*	Birmingham "	8	51	43	40	r	0	or	0.0
Hampstead (Reservoir) ...	*	86	0.0	52	37	28	4	c. or	b. c.	r. b. m.	Oxford to 8 p.m.	*	56	43	41	or. 0	o. c	o. or	*
Richmond Park ...	*	*																	
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.											
S. Kensington (Roof of M.O.)	79	76	0.0	140 Joules		4.7 Milliwatts.		12 Milliwatts.			S. Kensington (Museum Grounds to 6 p.m.)	Trace	53	43	33	bc. 0d. 0	o. ou	o. og	*

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

27th & 28th Nov., 1914.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.26	11.41	3.45	
Greenwich ...	7.38	11.41	3.44	
Wick ...	7.29	11.48	3.56	
Valencia ...	7.41	11.48	3.58	
	8.30	12.0	3.29	
	8.33	12.0	3.27	
	8.22	12.29	4.35	
	8.24	12.29	4.34	

## NOTES ON YESTERDAY'S WEATHER.

Mildness was general, temperature rising to 59° at Wick, Llandudno and Worthing. Rain fell in all districts, Eskdalemuir reporting 14 mm. As a rule there was no bright sunshine, but Western Ireland had about 3 1/2 hours.

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

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



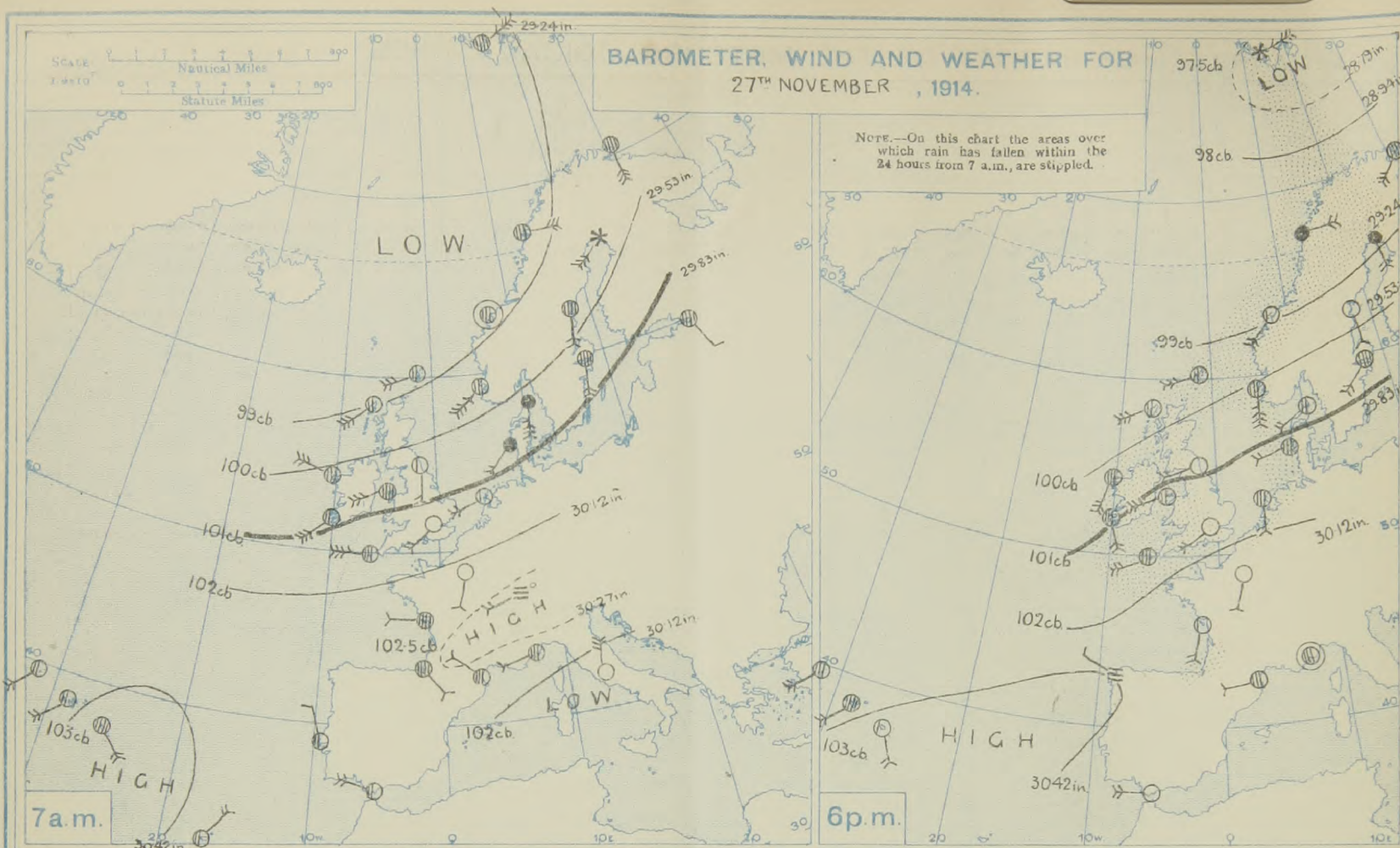
STATIONS	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.					
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND. Dir.	Force 0-12.	Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.										
			Dir.	Force 0-12.												Max.	Min.	Morning.	Afternoon.	Night.								
																						°F.	°F.					Hours.
BRITISH ISLANDS.	Lerwick	993.3	41	WSW	5	bc/p	983.7	-12	47	+5	S	8	-	org	6	10	47	38	bc/rhp	bc/p	org	*						
	Deerness	996.3	40	SW	6	cp/a	981.7	*	47	+8	SSW	5	SW	b	5	1	47	38	bc/p	cp-c	c.b.c	2.5						
	Stornoway	996.6	40	WSW	6	bc	979.7	-3	44	+4	SW	6	-	q/p	5	21	46	37	bc/p/hq	bc/p/hq	q/p	1.9						
	Castlebay (Barra Isd.)	999.0	40	SW	5	bc	982.0	-4	46	+2	SW	8	-	op	7	5	49	41	bc.op.c	c.op.bc	bc.op	0.5						
	Glasgow	1004.7	42	SW	4	b	990.3	0	46	+4	SW	6	W	bcq	*	10	49	40	bc/rhp	bc/p.q/b	c.q.p.b	1.7						
	Esksdalemuir	1007.7	38	SW	3	bc	993.3	+3	43	+4	SW	5	W	og	*	13	47	36	c	c	c.or	1.5						
	Malin Head	1002.8	44	SW	5	bcq	989.0	+2	48	+6	WNW	8	-	og	8	7	48	40	cp/p	bcq	ogp	1.4						
	Markree Castle	1006.1	42	S	3	c	996.6	*	44	+4	SW	2	-	b	*	11	*	*	a.cp	cp.o	ogp.b	3.5						
	Blacksod Point	?	48	SSW	5	cp/p	?	+5	48	+3	SSW	7	SW	cp/p	6	4	43	43	bc/p	cp	cp	*						
	Valencia	1009.5	50	SSE	4	c	1004.6	+3	50	+2	WSW	5	-	b	6	12	53	42	cp/h	cp	cp	0.7						
	Roche's Point	1012.4	46	NNW	1	c	1005.4	*	48	+4	WNW	2	W	c	4	7	52	42	c.op	cp.	cp.o.c	*						
	Birr Castle	1009.7	42	S	4	c	1001.9	*	43	+3	SW	2	SW	c	*	8	51	39	cp	cp	cp.c	0.0						
	Donaghadee	1007.2	40	SW	4	b	994.3	+2	45	+6	SW	5	SW	bcq	4	3	49	38	bcq	bc	omr.bc	*						
	Liverpool (Bidston)	1011.5	43	SW	3	b	999.2	-7	50	+2	WSW	5	-	r	4	3	52	41	o	bc	or	2.2						
	Holyhead	1010.9	47	WSW	5	bcq	999.4	-1	51	+4	WSW	6	-	op	6	6	53	44	op.c.bc	bc.o.c	b.bc.op	2.6						
	Pembroke (St. Ann's)	1014.7	48	W	5	o	1002.0	-7	51	-1	SSW	8	-	org	7	7	53	44	cp/p	cp	cp	1.4						
	Newquay	1017.5	49	WSW	4	or													bcw.b	cp	cp							
	Scilly (St. Mary's)	1017.7	52	WSW	5	cm	1009.2	-2	53	+4	SSW	6	SW	omr	7	4	53	48	cp/p/h	cm.p	cm.p	2.6						
	Falmouth	1018.0	49	WSW	4	c	1010.2	-2	53	+8	SW	6	-	og	5	5	53	45	cp/rhp	cp	og	2.8						
	Jersey (St. Aubin)	1021.2	53	SW	4	b	1017.3	*	51	+1	SW	4	SW	bcl	3	0.1	54	49	bc	c.o.bc	cpd.bc	4.1						
Portland Bill	1017.6	50	WSW	5	b	1011.9	-4	51	0	SW	7	SW	cp/p	5	2	53	49	bc/p	bc	bcq/p	*							
Dungeness	1017.8	48	SW	3	b	1014.7	-2	51	+5	WSW	5	W	org	5	3	52	45	bc.org	bc	bc.org	*							
Dover	1018.0	45	WSW	3	b	1015.1	-1	50	+7	SW	6	SW	o	5	3	51	42	b	bc	bc.or	5.3							
Wick	998.0	37	SW	3	b	982.5	-6	44	+6	SSW	4	-	c	5	1	48	35	bcml	bc	bcmgp	*							
Nairn	1000.3	38	WSW	1	bc	984.5	*	44	+7	W	4	-	org	2	2	45	36	cp.bc	p.bc	cp/p	3.5							
Aberdeen	1002.4	41	SSW	4	c	987.3	-8	47	+8	SSW	5	-	o	3	2	48	38	b	bc.c	b.org	4.5							
Leith	1005.9	42	SW	3	bc	990.5	-1	47	+4	SW	4	-	o	*	3	51	40	bc.c.bc	bc	bc.b	*							
Tynemouth	1007.6	43	WSW	3	cm	995.0	-7	48	+7	S	5	-	omq	3	-	48	40	cm	cm	cm								
Spurn Head	1012.3	43	WSW	4	b	1001.9	-4	45	+4	SSW	6	-	og	4	-	44	38	o	o.b	bc	0.0							
Yarmouth	1016.4	45	W	3	o	1011.9	-3	45	+2	SSW	3	SW	c	2	-	47	36	o	od	bc.c	3.5							
Clacton-on-Sea	1016.6	45	SW	3	bc	1013.1	-3	47	+4	SW	4	W	c	3	0.3	47	42	bc.org	og.p.bc	bc.bcp	3.8							
Nottingham	1013.5	41	W	3	b	1004.1	*	50	+9	SW	6	SW	c	*	Trace	50	37	bc.op	c.b	bc	0.2							
Bath	1016.6	44	W	1	c	1009.5	*	51	+8	SW	5	SW	o	*	3	53	42	c.op.bc	op.bc.c	o.bcp	2.4							
London (Kew Obs.)	1017.2	46	SW	3	b	1011.8	-4	50	+8	SW	4	SW	c	*	1	50	42	bcw.bc	bc.b	b.bmgp	1.6							
ICELAND, FAEROE, &c.	Spitsbergen	974.6	9	ENE	8	S	970.7	?	14	+5	E	4	*	S	*	?	14	9	GALES.									
	Isafjord...												*		*	*	*	*	Duration and Extreme Force in British Islands.									
	Reykjavik												*		*	*	*	*	Lerwick									
	Vestmanna												*		*	*	*	*	28th 5 a.m. - 7 a.m. S 8									
	Seydisfjord												*		*	*	*	*										
Thorshavn												*		*	*	*	*	*										
NORTHERN EUROPE.	Vardö	985.3	32	SW	5	o	983.0	0	32	+5	SW	4	-	b	?	*	43	27										
	Bodö	984.3	39	E	4	r	982.7	0	41	+7	SSW	6	-	r	4	6	41	34										
	Christiansund	989.6	41	SW	4	b	992.6	+1	43	-2	SW	3	-	c	4	4	45	41	Stornoway									
	Skudesnaes	1001.7	45	S	7	c	1000.7	-1	45	-1	S	8	-	c	5	1	46	43	27th 10 p.m. - 28th 2 a.m. SW 8									
	Færder (X'ania Fjord)	1003.8	45	SW	6	b	1005.3	0	45	0	WSW	6	-	c	3	-	46	41	Ex SW 9 @ Midt.									
	The Scaw (Skagen)	1007.3	43	SW	3	bc	1008.6	+1	39	-4	WSW	4	-	b	4	2	45	39	Castlebay									
	Blaavands Huk	1011.8	43	WSW	3	c	1011.8	0	43	0	SW	2	-	c	4	1	45	41	27th 10 p.m. - 28th 1 a.m. S 8									
	Haparanda	989.9	36	S	4	r	994.0	+1	34	+2	SW	4	S	b	*	4	39	32	Ex. S 9 @ Midt.									
	Hernösand	996.7	39	S	2	b	1000.0	+3	36	-1	S	2	-	b	*	-	41	9	28th 4 a.m. - 7 a.m. SW 8									
	Stockholm	1007.9	39	SW	4	o	1009.0	+1	39	-2	SW	2	-	o	*	-	41	36										
Wisby	1013.1	41	SW	6	o	1013.7	0	43	0	SW	5	-	c	*	-	45	39	Glasgow										
Karlstad	1005.6	41	SW	4	c	1006.9	+1	41	+2	SSW	2	-	c	*	Trace	43	39	27th Night SW 8 in Squalls.										
St. Petersburg																												
FRANCE, &c.	The Helder	1015.1	43	S	3	c	1014.1	-2	45	-3	S	6	-	o	3	4	48	43	Esksdalemuir									
	Brussels	*	*	*	*	*													28th 3 a.m. Ex S 8									
	C. Gris Nez	1018.1	49	WSW	5	c	1016.0	-1	47	-1	SSW	6	*	o	5	10	50	46	28th 5 a.m. Ex. SSW 9									
	La Hève	1022.7	47	SW	3	o	1020.0	*	46	0	SW	5	*	o	6	-	50	45	Gusts 28 mps.									
	Ushant												*															
	Brest (St. Mathien)	1023.4	52	W	4	o	1017.1	0	54	+4	SW	5	*	o	4	1	55	46	Malin Head									
	Rochefort (Ile d'Aix)	1027.4	48	SSW	3	b	1024.6	-1	44	-4	S	3	*	o	*	-	54	43	27th 8 p.m. - 28th 7 a.m. WNW 8.									
	Biarritz	1029.1	50	-	0	b	1025.1	-1	46	-4	SE	1	*	o	4	5	54	45										
	Paris	1024.3	43	SSW	2	b	1022.4	0	41	+2	S	2	-	o	*	-	52	37	Pembroke									
	Belfort												*		*				28th 4 a.m. - 7 a.m. SSW 8									
Lyons †	1027.0	39	-	0	c	1022.3	*	30	-	o	0	*	f	*	-	41	29											
Nice	1022.6	45	-	0	c	1022.6	+2	42	-2	E	2	*	bc	2	-	52	41	Aberdeen										
Perpignan	1026.6	52	W	2	c	1025.7	0	45	-7	SW	1	-	o	*	-	61	41	28th 3 a.m. Gusts S 23 mps.										
Sanguinaire	*	53	E	2	c	*	*	49	0	E	3	*	o	3	-	63	46											
SOUTHERN EUROPE.	Corunna (7 a.m.)	1030.0	54	WNW	1	f	1025.6	-1	50		3	3	-	o	5	-	55	48										
	Madrid (8 a.m.)														*													
	Lisbon (9 a.m.)														*													
	Gibraltar	1027.4	58	W	4	b	1025.1	*	55	-3	WNW	3	-	bcw	1	-	65	43										
Rome														*														
Azores (Horta, 8 a.m.)	1029.6	*	SW	4	o																							
Madeira (Funchal)																												

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

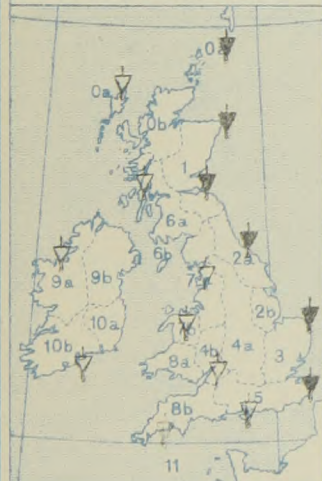
\* The barometric change is expressed in half-millibars.





### FORECASTS FOR THE 24 HOURS NOON 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.

Cones hoisted

7 p.m. & 8 a.m.

Western Channel and Bay 11

#### FURTHER OUTLOOK.

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

W. N. SHAW, Director

0 } Strong, squally South-Westerly to Westerly winds, a gale at times; unsettled, some rain; mild

3 } Strong, squally South-Westerly winds, a gale at times, shifting temporarily into North-West in a line squall; unsettled, some rain; mild at first, cooler later

6 } Same as Nos. 0 to 2.

7 } Strong, squally South-Westerly winds, a gale at times, shifting temporarily into North-West in a line squall; unsettled, some rain; mild at first, cooler later

9 } Same as Nos. 0 to 2.

Millibars

1050-31

1040

1030

1020

30

1010

1000

990

980

29

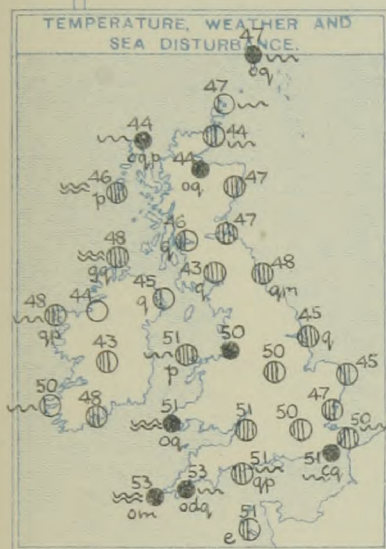
970



# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 28<sup>TH</sup> NOVEMBER, 1914.

## GENERAL INFERENCE.

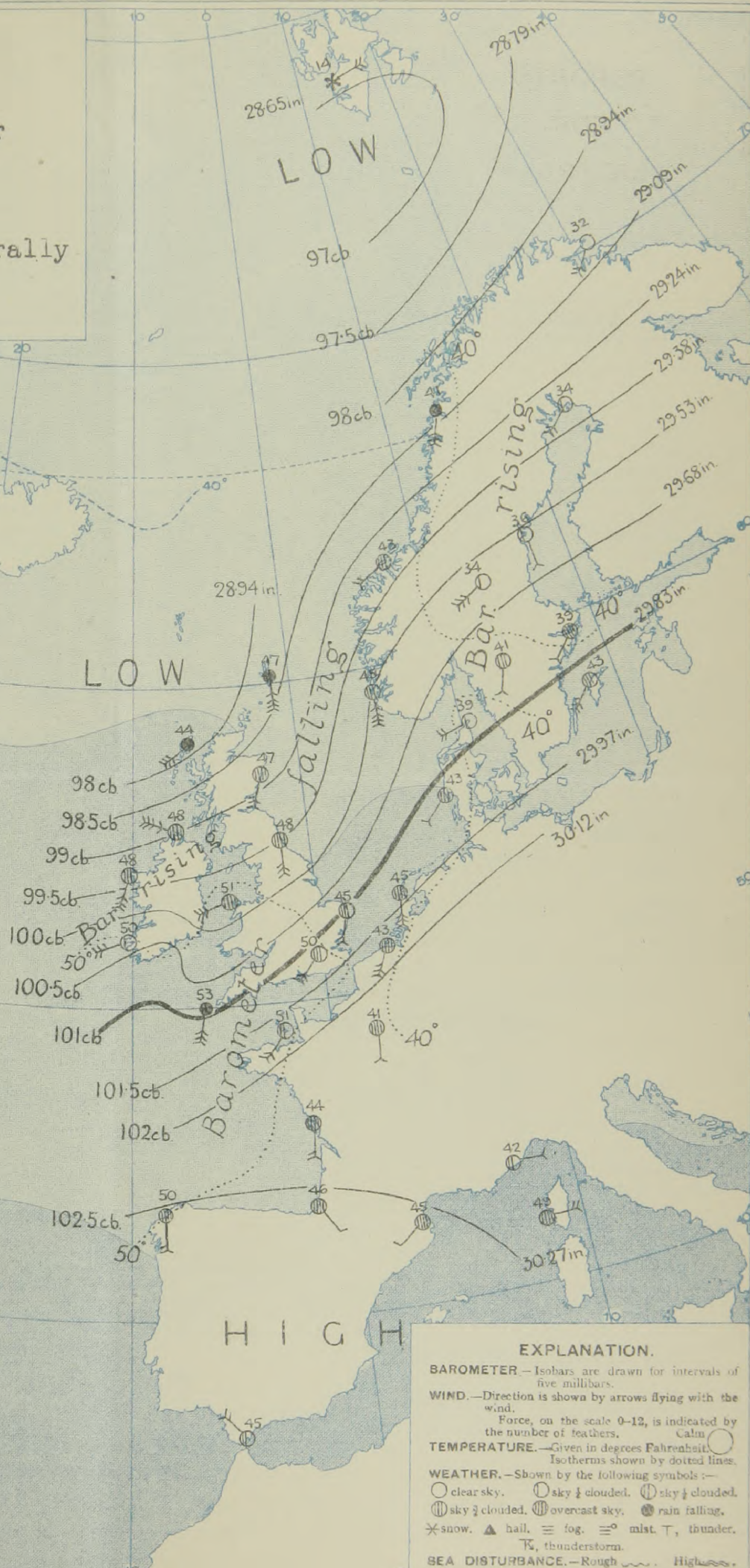
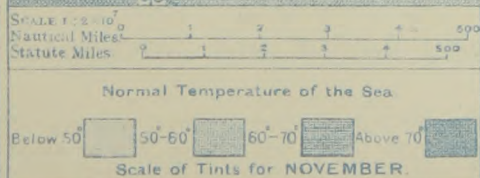
The conditions favour  
a rough, changeable type of  
weather over the country generally



Inches.  
31

30

29



## EXPLANATION.

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

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

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

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

**SEA DISTURBANCE.**—Rough. High.



## DAILY WEATHER REPORT.

Saturday, 28th November 1914.

REPORTS  
FOR  
YESTERDAY.

27th November 1914.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. inches.		Temp.		
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	°F					°F
			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.									
		°F					†	°F	°F								°F	°F		
Haparanda	1006.0	21	-	0	bc	997.3	-7	32	+13	SSW	6	-	S	*	3	32	18			
Hernösand	1006.9	25	-	0	o	997.2	-3	37	+27	S	4	-	o	*	2	37	9			
Stadsholm	1012.2	34	3	2	o	1007.3	0	41	+11	S	4	-	o	*	-	41	30			
Wisby	1015.1	45	WSW	3	c	1012.7	0	43	+4	SW	6	-	bc	*	-	45	37			
Karlstad	1008.6	37	S	2	o	1002.6	-3	39	+9	SW	6	-	r	*	Trace	39	28			
Petrograd	1016.0	30	SSW	1	o	1017.6	+2	30	+9	SSE	1	-	o	*	-	30	21			
Ushant	1009.7	54	W	5	c	1019.4	0	52	0	W	6	*	bc	*	4	54	46			
Lisbon	1022.0	59	WNW	3	bc	1020.6	0	55	+9	WNW	1	-	bc	*	-	59	46			
Rome	1012.7	43	N	4	b	1016.8	+3	41	-9	N	5	-	b	*	-	52	41			
Horta	1020.3	64	NNE	4	bc	1029.6	0	60	+3	SW	4	-	bc	*	-	61	57			
Funchal	1020.3	64	NNE	4	bc	1027.7	+2	61	+2	NE	3	-	bc	*	-	72	59			

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.			
		mm. & .	° F.	° F.			Hr.			mm. & .	° F.	° F.			Hr.		
Scotland.	Oban ... ..	6	48	41	thp	chp. bc	0.0	England, S.E.	Tunbridge Wells ... ..	6	51	40	m. b. bcp	bc. b	4.8		
	Banff ... ..	-	45	39	b	bc. b	3.7		Margate ... ..	4	52	42	b	cp. b	4.5		
	Carnoustie ... ..	-	44	38	*	*	1.6		Ramsgate ... ..	4	50	40	c. o. c	bc	5.2		
	St. Andrews ... ..	-	44	38	*	*	1.6		Folkestone ... ..	2	52	43	b. op	bc. b	4.4		
Engl. N.E.	Harrogate ... ..	4	44	39	c. o	c. op. bc	0.2		Littlestone ... ..	*	*	*	*	*	*	*	
	Scarborough ... ..	*	45	40	o	o	0.0		Hastings ... ..	4	53	42	or. b. bc	c. b	4.2		
	Skegness ... ..	3	45	39	bc	bc. b	1.4		Bexhill-on-Sea ... ..	5	51	42	c. bc	c. o	3.9		
Engl. N.W.	Douglas (I. of M.) ... ..	-	-	-	-	-	-		England, S.W.	Eastbourne ... ..	4	52	46	b. o. g. p	b. bc. g. p	3.4	
	Morecambe ... ..	5	47	44	bc	bc	0.5			Seaford ... ..	-	-	-	-	-	-	-
	Blackpool ... ..	4	49	44	or	chp	0.6			Brighton ... ..	6	50	44	bc. cp. o	c. bc. b	2.5	
	Southport ... ..	-	48	44	c. bc	bc. bcp	2.4	Worthing ... ..		5	51	43	cr	bc. b	2.8		
Midlands.	Buxton ... ..	9	49	37	bc	o. or	0.0	Littlehampton ... ..		3	52	48	bc. c	bc. b	3.4		
	Leamington Spa ... ..	4	47	34	o	o	0.9	Bognor ... ..		5	52	45	op	b	3.6		
	Malvern ... ..	4	46	39	bc	bc. b	1.1	Southsea ... ..		9	53	46	o. c	o	3.3		
	Ross-on-Wye ... ..	4	49	44	bcp	bcp	1.6	Bournemouth ... ..		3	53	42	r. o	c. bc	3.8		
Wales.	Rhyl ... ..	0.3	48	41	c. bc	bc	3.1	England, S.W.		Weymouth ... ..	2	53	47	or. bc	bc	3.2	
	Colwyn Bay ... ..	-	47	44	bc	bc	2.8			Exmouth ... ..	-	-	-	-	-	-	-
	Llandudno ... ..	0.1	49	45	b	bc	2.1		Teignmouth to 9 p.m.	1	52	43	o. c. bc	bcp	4.5		
	Bettws-y-Coed ... ..	3	53	45	r. o. c	c. o	0.5		Torquay ... ..	5	51	44	c. o	c. bc. c. o	3.7		
	Aberystwyth ... ..	6	50	40	r. bc	bc. o	1.7		Paignton ... ..	5	52	37	c. bc	cp	3.5		
	Tenby ... ..	10	50	43	up	bc	2.9		Plymouth ... ..	6	51	45	eq. rhp	cp	2.8		
England, E.	Swansea ... ..	3	48	41	bc	o. c. bc	2.4		Falmouth ... ..	5	53	46	bcp	bc	2.6		
	Cromer ... ..	1	47	40	bc. c	c. op. bc	3.1		Penzance ... ..	5	53	46	bcp	bc	2.6		
	Lowestoft ... ..	2	48	42	b. tm	bcp	3.4		Bude ... ..	5	51	44	cp. c	cp. c	1.6		
	Felixstowe ... ..	4	48	41	b. bc. o	r. o. c. bc	3.0		Ilfracombe ... ..	9	51	42	r. b. bc	b. r. c	1.5		
	Walton-on-Naze ... ..	4	49	41	bc. b. o	o. b. bc	3.6	Weston-super-Mare ... ..	-	-	-	-	-	-	-		
	Southend-on-Sea ... ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
				Max.	Min.														
24 HOURS ENDED 9 A.M. TO-DAY.																			
%	%	Hr.	° F.	° F.	° F.	mm. §						mm §	° F.	F.	F.				Hr.
Greenwich (Royal Obsy.) ...	71	87	2.3	51	41	31	1	or. o	op	c	Dublin to 4 p.m.	0.1	53	40	40	b	b	b	*
City (Bunhill Row) ...	71	87	2.3	51	41	31	1	or. o	op	c	Darwen to 9 p.m.	0.1	53	40	40	b	b	b	*
Westminster (St. James's Pk.)	74	88	1.3	52	44	35	1	or. o	bc. ur	c	Manchester	-	47	39	36	o	c	c. b	1.0
Camden Sq. (Brit. Rainfall)	72	84	1.1	52	42	36	1	bc. m. c	bc. c	c	Birmingham "	-	47	39	36	o	c	c. b	1.0
Hampstead (Reservoir) ...	72	84	1.1	52	42	36	1	bc. m. c	bc. c	c	Oxford to 8 p.m.	-	47	39	36	o	c	c. b	1.0
Richmond Park	72	84	1.1	52	42	36	1	bc. m. c	bc. c	c			49	40	33	or. o. bc	bc. m. o. bc	or. bc	*
Kew. (See front page.)	72	84	1.1	52	42	36	1	bc. m. c	bc. c	c			49	40	33	or. o. bc	bc. m. o. bc	or. bc	*
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
				Total.		Average Rate.		Max. Rate.											
				246 Joules		8.2 Milliwatts.		22 Milliwatts.											
S. Kensington (Roof of M.O.)	70	82	1.2	S. Kensington (Museum Grounds to 6 p.m.)															
				4															
				51															
				43															
				34															
				or. c. b. bc. op. bc															
				bc. bc. m.															
				*															

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

28th & 29th November, 1914.			
	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	7.38	11.41	3.44
Greenwich	7.49	11.41	3.43
Wick	7.42	11.48	3.54
Valencia	8.25	12.0	3.26
	8.24	12.29	4.44
	8.25	12.29	4.45

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 54° at Jersey, but remained below 50° in most districts. Rain was general, 21 mm. at Stornoway. There was more or less sunshine at nearly all stations, Dover and Ramsgate exceeding 5 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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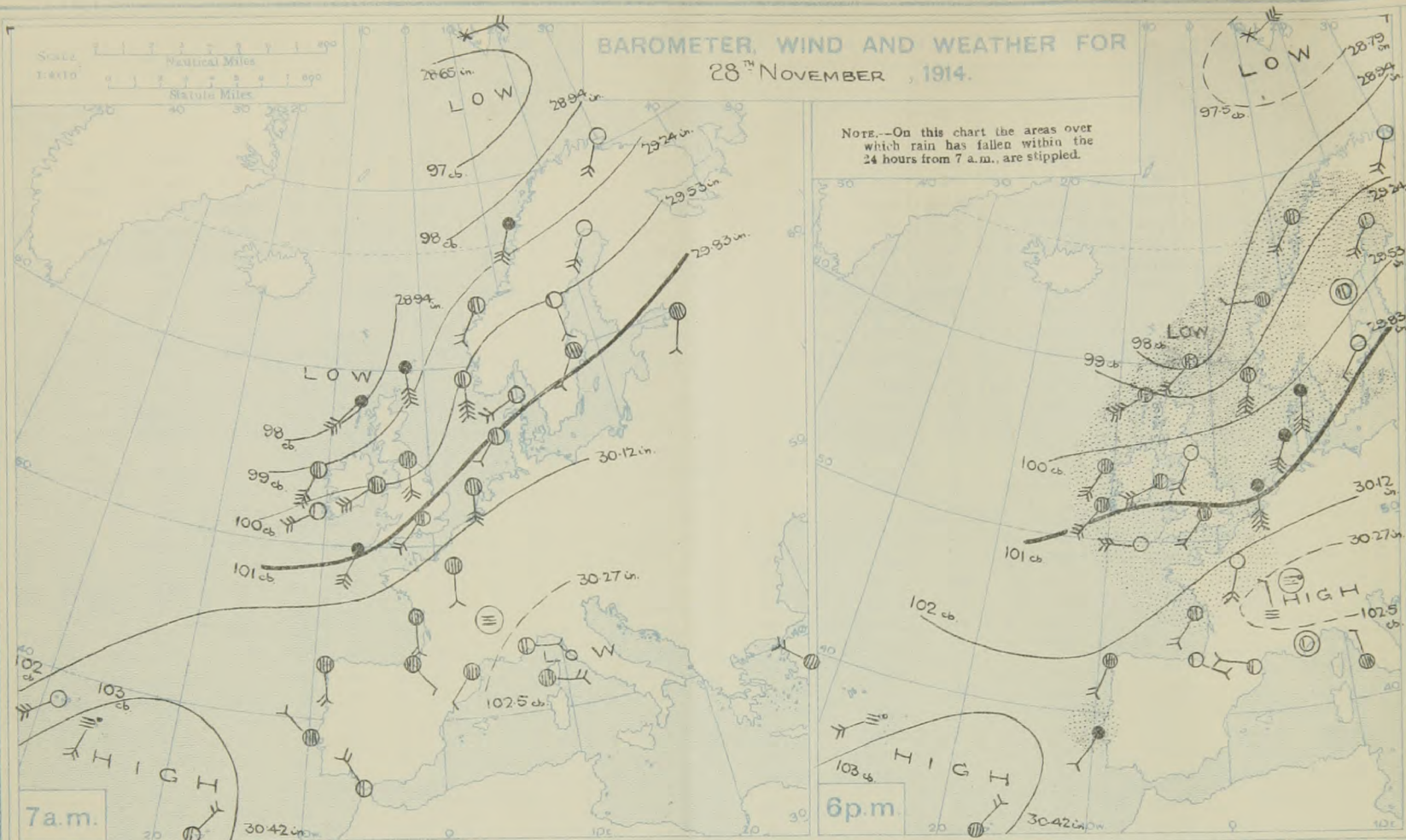
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,

29th November, 1914.

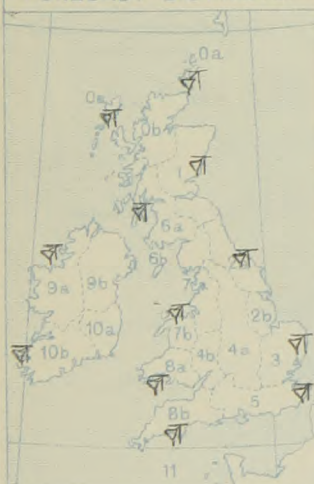
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
	Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 8 hours.	TEMP.		WIND.		Direc- tion of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.																						
Lerwick	998.7	46	SW	5	cp	992.7	+1	38	-9	NW	1	NW	bc	1	3	48	37	bep	bep	bc	*	
Deerness	994.4	42	W	4	pa	992.9	*	41	-6	S	3	-	o	4	3	47	39	b.c.c	cp.op	op.o	0.7	
Stornoway	992.8	42	WSW	7	bepq	990.8	-2	41	-3	SW	3	-	o	3	5	45	35	o.bepq	bepq	b.op	1.3	
Castlebay (Barra Isd.)	996.4	44	W	4	bc	991.8	-1	47	+1	S	2	-	o	2	5	48	41	o.bep	bep.bc	bc.op.o	0.6	
Glasgow	999.8	42	WSW	4	b	994.9	+1	47	+1	WSW	4	-	org	3	47	40	bc.cpa	bc.bep	bp.org	2.4		
Eskdalemuir	1001.9	41	SW	5	c	997.7	+1	48	+5	SW	6	-	r	12	49	38	o	cp	or	1.3		
Malin Head	1000.5	46	SSW	7	bepq	993.5	+1	52	+4	SW	8	-	omdq	7	52	42	o.bepq	cp	ogrm	2.0		
Markree Castle	1003.4	41	SW	1	o	998.6	*	53	+9	SW	4	-	o	18	*	*	c.op	c.op	or	0.7		
Blacksod Point	1003.2	47	SSW	5	o	998.7	-1	52	+4	WSW	6	-	or	6	16	52	45	cp	ompo	ompor	*	
Valencia	1009.1	51	SW	5	o	1006.6	-2	54	+4	SSW	6	-	o	6	2	54	46	q.r.hm	cp	og	2.2	
Roche's Point	1010.6	47	W	2	b	1009.1	*	53	+5	W	4	-	o	4	1	53	46	cp	c.b	bc.o	*	
Birr Castle	1006.8	42	SW	1	bc	1004.8	*	53	+10	SW	5	-	o	5	53	42	c	c.bep	cp.o	0.8		
Donaghadee	1002.3	43	WSW	5	bc	1001.9	+3	52	+7	SW	6	-	cpqm	4	5	56	40	bepq	bc	cp.og	*	
Liverpool (Bldston)	1006.6	46	WSW	4	bc	1004.2	-1	52	+2	SW	5	SW	og	4	4	52	44	bc	bc	cp	1.3	
Holyhead	1006.1	49	WSW	5	c	1004.3	o	53	+2	WSW	7	-	om	6	1	53	47	o.cm	c.oe	c.opom	0.2	
Pembroke (St. Ann's)	1009.9	49	NW	5	c	1008.8	o	53	+2	WSW	6	-	og	5	2	53	46	og	og	cp	0.2	
Newquay	1012.3	51	W	4	bc												cp.w	bc				
Scilly (St. Mary's)	1013.7	51	W	5	b	1014.9	-1	52	-1	WSW	5	W	om	6	3	54	50	ompo	cp.o.b	b.bc	1.5	
Falmouth	1013.0	48	WSW	2	c	1015.0	+1	52	-1	SW	4	-	c	4	11	54	45	og.b	bc	c.o	2.0	
Jersey (St. Aubin)	1014.1	53	SW	4	ogp	1012.0	*	50	-1	SW	4	-	b	4	4	55	50	o.c.o	ogp	b.opq	0.5	
Portland Bill	1011.5	52	WSW	5	b	1014.7	-1	53	+2	WSW	6	-	c	5	5	54	50	ogp	o.c	b.b.c	*	
Dungeness	1009.3	51	SSW	8	og	1014.4	+1	50	-1	SW	5	SW	c	6	14	52	46	c.bep	ogp	or.b	*	
Dover	1010.5	50	SW	6	T	1014.8	o	49	-1	SW	6	SW	o	4	9	51	42	cp.o	or	or.b.c	0.0	
Wick	992.0	40	W	3	r	993.6	-2	42	-2	SW	3	-	o	3	10	46	34	ompo	omq.or	bcpq	*	
Nairn	993.0	41	W	4	bepq	993.1	*	37	-7	-	o	-	ow	1	7	44	36	q.p.rg	q.p.r.c	bc.cp	0.4	
Aberdeen	993.8	42	WSW	5	b	994.1	-3	40	-7	SW	1	-	o	3	4	47	36	o.c.b	og	b.or	5.0	
Leith	994.0	43	SW	3	b	994.0	-1	49	+2	SW	3	-	r	3	49	41	o.c.p.o	o.c.b.c	bc.or	*		
Tynemouth	1001.0	45	SW	4	b	997.9	-2	48	o	WSW	3	-	cm	3	3	49	40	cm	cm	cm	*	
Spurn Head	1007.6	46	WSW	3	o	1004.6	-2	46	+1	WSW	6	-	ow	5	3	50	42	bc	c.o	b	1.2	
Yarmouth	1008.0	47	W	1	o	1009.7	-3	45	o	W	3	-	o	1	-	51	39	ogp	or	bc.o	0.0	
Clacton-on-Sea	1008.7	48	WSW	3	og	1012.4	o	46	-2	SW	4	SW	c	3	5	49	42	c.ogp	ogp	ogm.bc	0.0	
Nottingham	1007.5	45	SW	2	c	1007.1	*	50	o	SW	5	SW	o	7	51	41	or.c	c.o	c.bc	0.8		
Bath	1010.8	46	SW	1	c	1013.2	*	50	-1	SW	4	SW	o	9	54	43	or	r.c	o.b.c.b	0.1		
London (Kew Obs.)	1010.1	44	SW	3	o	1013.2	-1	48	-2	SW	4	W	o	11	53	43	ogp.dior	or.o	o.b.c.o	0.0		
ICELAND, FAEROE, &c.																						
Spitsbergen	974.4	10	ENE	6	S	981.0	-8	5	-3	NE	7	*	o	*	14	5	GALES. Duration and Extreme Force in British Islands.					
Isafjord												*	*	*	*	*	Lerwick 28th 7am-9am. S 8.					
Reykjavik												*	*	*	*	*						
Vestmanna												*	*	*	*	*						
Seydisfjord												*	*	*	*	*						
Thorshavn												*	*	*	*	*						
NORTHERN EUROPE.																						
Vardö	982.9	34	SW	4	b	983.0	o	30	-2	WSW	6	-	bc	3	*	34	30	Stornoway 28th 11pm-4pm. WSW 9 at 2pm.				
Bodö	985.7	39	SW	4	c	980.2	o	34	-7	E	4	-	bc	2	5	41	32	Glasgow 28th Between 7am-1pm WSW 8.				
Christiansund	982.3	48	W	1	o	981.9	+5	41	-2	SW	6	-	r	4	3	48	41					
Skudesnaes	990.3	46	SSW	9	c	995.9	+3	41	-4	W	6	-	r	6	11	46	38					
Færder (X'ania Fjord)	996.2	46	SSW	8	m	996.4	o	45	o	WSW	9	NW	r	4	Trace	46	45	Malin Head 29th 3am-7am W-SW 8				
The Scaw (Skagen)	1001.2	45	S	7	r	1002.0	o	41	+2	SW	4	-	bc	4	1	46	32					
Blaavands Huk	1005.6	45	SSW	6	r	1006.1	o	43	o	SSW	2	-	m	3	1	45	41	Holyhead 29th 1am. WSW 8, gust 24mps!				
Haparanda	994.7	34	SW	4	bc	986.9	-5	37	+3	SSW	8	-	f	2	39	34	Pembroke 29th 3am-1am SSW 8.					
Hernösand	999.7	37	-	o	bc	990.3	-3	39	+3	S	6	-	c	*	-	39	34					
Stockholm	1009.2	37	SW	2	b	1002.3	o	41	+2	SSW	2	-	o	*	-	43	36	Portland Bill 28th 8am-Noon SW 8				
Wisby	1014.9	41	SW	4	c	1008.0	-1	43	o	SW	8	-	o	*	Trace	46	39					
Karlstad	1003.1	41	SW	4	o	998.4	o	43	+2	SW	4	-	o	*	1	43	39					
St. Petersburg	1015.9	32	SW	2	o	1015.8	o	34	o	SW	2	-	o	*	-	34	32					
FRANCE, &c.																						
The Helder	1008.8	46	S	8	T	1011.0	o	46	+1	SSW	4	-	o	3	10	48	45	Dungeness 8am-7pm. SW 8				
Brussels	*	*	*	*	*													Dover 28th 11am-6pm SW 8				
C. Gris Nez	1010.6	48	SSW	7	r	1015.4	+1	48	+1	SW	6	*	bc	5	8	52	47					
La Hève	1016.0	48	SW	5	r	1018.7	*	46	o	SW	4	*	c	4	3	52	45					
Ushant												*	*	*	*	*	*	Aberdeen 28th 1pm. Gusts SW 19mps (8)				
Brest (St. Mathieu)	1017.3	54	WNW	3	c	1021.1	o	54	o	SW	4	*	o	4	3	59	50					
Roche fort (Ile d'Aix)	1022.3	45	SW	3	c	1023.5	o	45	+1	S	4	*	r	3	7	54	43					
Biarritz	1024.2	48	ESE	2	b	1025.6	+1	48	+2	SSW	1	*	o	3	-	55	43					
Paris	1020.2	46	SSW	4	o	1021.2	+3	45	+4	SSW	2	-	b	5	48	41						
Belfort	1025.6	36	-	o	m	1026.6	*	32	W	3	*	r	*	1	46	30						
Lyons	1025.9	39	N	1	f	1029.2	*	32	+2	SW	1	*	f	*	-	42	32					
Nice	1023.4	41	-	o	b	1025.0	o	41	-1	-	o	*	b	2	-	54	37					
Perpignan	1024.2	45	W	2	bc	1027.0	-3	36	-9	SW	2	-	b	*	-	57	32					
Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
SOUTHERN EUROPE.																						
Corunna (7 a.m.)	1021.9	57	SSW	3	o	1027.3	+1	57		</												





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

Signals hoisted yesterday. Signals hoisted this morning.

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

Cone hoisted 8 a.m. in Districts 0 & 3 and re-hoisted 7 p.m. in Districts 5 to 10.

Western Channel and Bay 11

**FURTHER OUTLOOK.**

Station	Date & Hour.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.
		Sth. Farnborough	Sth. Farnborough	Sth. Farnborough	Sth. Farnborough	Sth. Farnborough	Sth. Farnborough	Sth. Farnborough	Sth. Farnborough	Sth. Farnborough	Sth. Farnborough	Sth. Farnborough	Sth. Farnborough
	24 <sup>th</sup> 9h.	25 <sup>th</sup> 7h.	25 <sup>th</sup> 14.45h.	27 <sup>th</sup> 9h.									
Heights in Kilometres.	5	0	-9	+18	-27								
	4	-2	-14	+12	-13								
	3	+2	-9	+9	-13	+10	-8	+21	+6				
	2	+1	-7	+8	-12	+7	-4	+14	+3				
	1	+2	-4	+6	-12	+4	-1	+20	+7				
	0.5	+2	-3	+6	-13	+6	+1	+13	+6				
	0	+3	0	+4	-3	+2	+2	+3	+4				
Station	Date & Hour.												
Heights in Kilometres.													



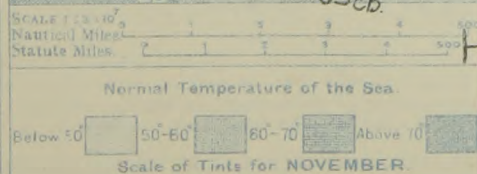
# SYNOPTIC CHART FOR 7 a.m., SUNDAY, 29<sup>TH</sup> NOVEMBER, 1914.



Inches.  
31

30

29



HIGH

LOW

LOW

## EXPLANATION.

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



## DAILY WEATHER REPORT.

SUNDAY, NOVEMBER 29th, 1914.

## REPORTS

FOR  
YESTERDAY:

NOVEMBER 28th, 1914.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.		TEMP.	
	BAROM. Milli-bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.					
			Direc.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.								
Petrograd	1015.9	36	SSW	2	0	1015.1	0	34	+4	SSW	2	-	0	*	-	36	30		
Lisbon	1028.8	54	NNW	3	b	1028.8	0	54	-1	NW	2	NW	0	6	-	61	52		
Azores						1029.7	+1	64	+4	SW	5	SW	b	3	1	264	61		
Madeira	1030.0	66	NE	3	bc	1031.8	+1	60	-1	NE	3	NW	bc	3	-	70	57		

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

STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells ...	9	51	41	0	od. r	0.0
Banff ...	1	47	37	b	pc. bc	3.7	Margate ...	1	52	42	c. 0	of	0.0
Carnoustie ...							Ramsgate ...	1	50	40	0	d	0.0
St. Andrews ...							Folkestone ...	10	51	45	0	or	0.0
England, N.E.							Littlestone ...						
Harrogate ...	5	48	36	o. c. bc	c. 0. bc	1.2	Hastings ...	16	53	45	or. 0	or. 0	0.0
Scarborough ...							Bexhill-on-Sea ...	14	51	41	or. 0	or. 0	0.0
Skegness ...	4	50	38	or. bc	bc. 0	0.6	Eastbourne ...	5	52	49	od	og. r	0.0
England, N.W.							Seaford ...	19	52	48	0	r	0.0
Douglas (I. of M.) ...							Brighton ...	12	52	46	0	or	0.0
Morecambe ...	11	49	40	bc	0	0.4	Worthing ...	10	53	45	c. bc. c	r	0.1
Blackpool ...	6	50	41	c. 0	0	0.7	Littlehampton ...	10	52	49	q. bc	r. c. r	0.0
Southport ...	8	50	39	or. c	o. c. 0	1.0	Bognor ...	9	52	47	of	r	0.0
Midlands.							Southsea ...	8	52	45	or	or	0.0
Buxton ...	5	47	37	bc. r	bc	1.0	Bournemouth ...						
Leamington Spa ...	2	52	38	0	0	0.1	Weymouth ...	5	54	48	or. c	of. bc	0.0
Malvern ...	5	50	40	4	bc	0.4	Exmouth ...						
Ross-on-Wye ...	8	52	42	rg. 0	c. 0	0.1	Teignmouth ...	14	55	46	o. bc	-	0.6
Wales.							Torquay ...	8	54	46	od	b. o. c	0.5
Rhyl ...	5	51	42	c. bc	bc	1.5	Paignton ...	8	56	43	of	c	1.0
Colwyn Bay ...							Plymouth ...	10	54	47	or. r	or. r	0.5
Llandudno ...							Falmouth ...						
Bettws-y-Coed ...	6	51	45	or. c	c. b. 0	0.5	Penzance ...	10	54	48	0	bc. 0	1.8
Aberystwyth ...	5	52	42	r. bc. 0	b. bc. 0	0.0	Bude ...						
Tenby ...	5	52	42	r. bc. 0	b. bc. 0	0.0	Ilfracombe ...	10	53	45	r. 0	of. c	0.0
Swansea ...	12	50	44	r. bc	bc	0.0	Weston-super-Mare ...						
England, E.													
Cromer ...	5	51	39	0. or	0. or	0.0							
Lowestoft ...													
Felixstowe ...	3	50	41	of. 0	or. 0	0.0							
Walton-on-Naze ...	5	49	42	bc. c. 0	or. 0. c	0.0							
Southend-on-Sea ...	11	52	41	0	or. 0	0.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
%	%	Hr.	° F.	° F.	° F.	mm. &				
Greenwich (Royal Obs.) ...	92	84	0 0	52	44	38	9	or	or	b
City (Bunhill Row) ...	*	*		*	*	*	*	*	*	*
Westminster (St. James's Pk.)	93	84	0 0	53	44	38	12	or	r	oe
Camden Sq. (Brit. Rainfall)	96	85	0 0	53	43	38	11	0, or	or, c	*
Hampstead (Reservoir) ...	*	80	0 0	52	38	36	11	c. or	or	o
Richmond Park ...	*	*	0 0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	92	78	0 0	Total. 69 Joules			Average Rate. 2.3 Milliwatts.		Max. Rate. 11 Milliwatts.	

## Additional Observations for Yesterday.

STATIONS.	RAIN FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	5	° F. 51	F. 45	F. 43	ovr. b	bc	c. b	*
Darwen to 9 p.m.								
Manchester "	6	50	40	"	c	o. bc	c. or	0.4
Birmingham "	13	50	38	35	"	r. c	c. o	0.5
Oxford to 8 p.m.	*	52	41	32	bc. c. o	o. or	or. o. c	*
S. Kensington (Museum Grounds to 6 p.m.)								
	11	52	44	33	b	ov. or	om	*

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

29th Nov. 1914.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.29	11.41	3.43
Greenwich ...	7.42	11.48	3.56
Wick ...	8.25	12.0	3.26
Valencia ...	8.25	12.29	4.33

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 50° or above in most parts of England and at some Irish stations. Rain was very general, the quantity being considerable. High winds or gales were experienced on many parts of the western and southern coasts. Scarcely any 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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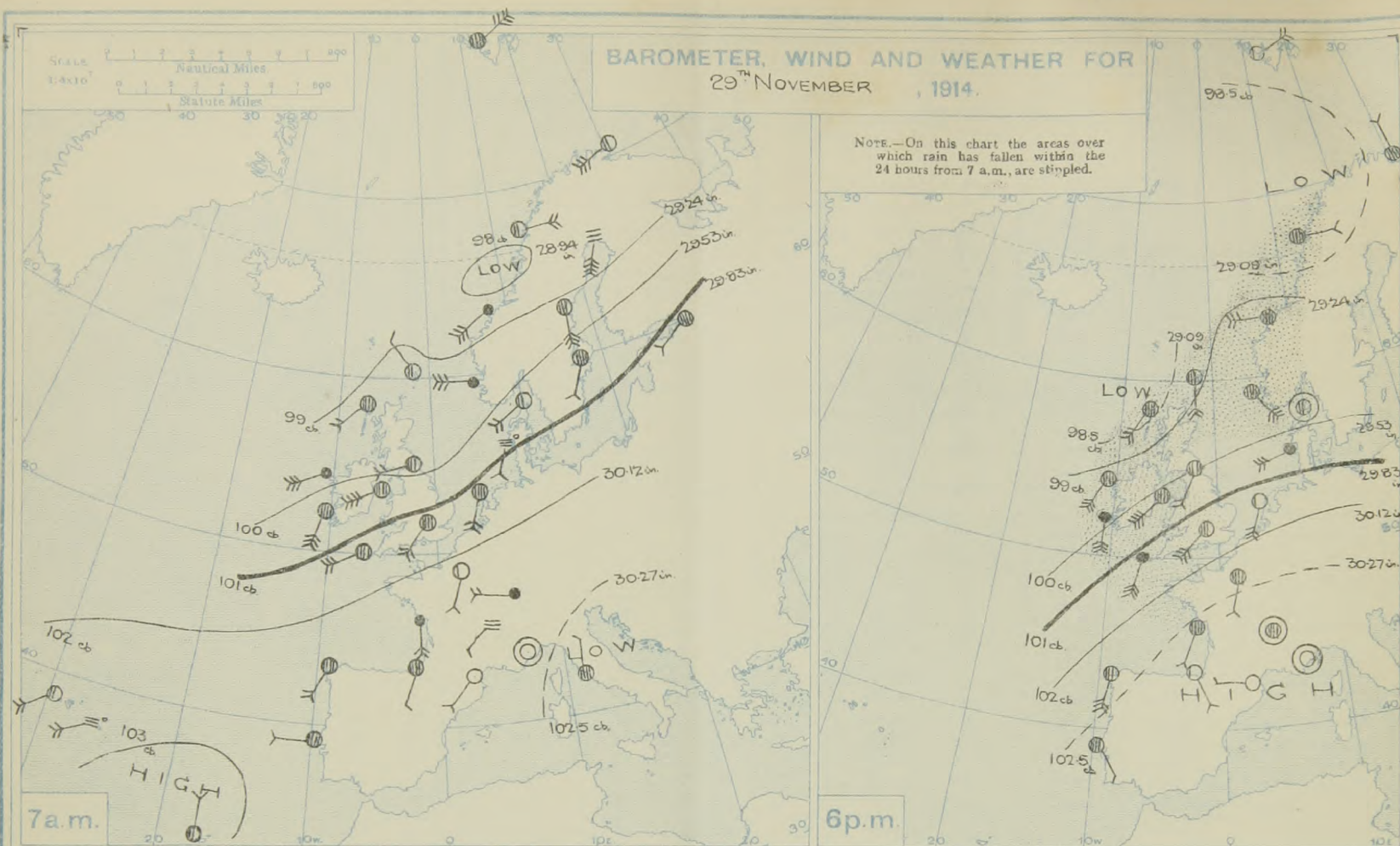
Monday.  
30th November 1914.

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

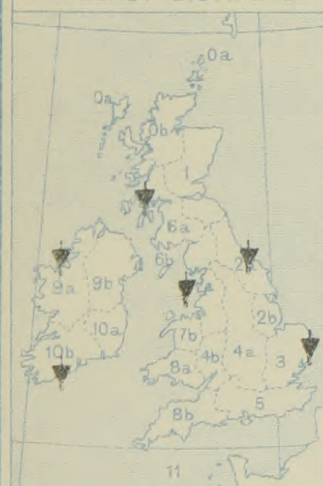
\* The barometric change is expressed in half-millibars.





**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.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

Cones hoisted  
at 8.35 a.m.

Western Channel and Bay

Freshening Southerly and South-Westerly winds; squally, showery; mild at first, cooler later.

South-Westerly winds, strong to a gale in force; squally and rainy at first, improving temporarily later; continuing mild.

South-Westerly winds, strong to a gale at first, moderating later; squally, showery; mild at first, cooler later.

South-Westerly winds, strong to a gale at first, moderating later; squally and rainy at first, improving temporarily later; continuing mild.

South-Westerly winds, strong to a gale at first, moderating later; squally, showery; mild at first; cooler later.

Strong Southerly and South-Westerly winds and a rough sea; squally, showery; continuing mild.

**FURTHER OUTLOOK.**

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

W. N. SHAW, Director.

Millibars  
1050—31

1040

1030

1020

1010

1000

990

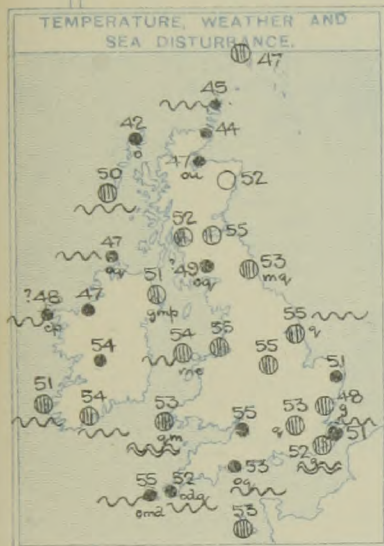
980

970



GENERAL INFERENCE.

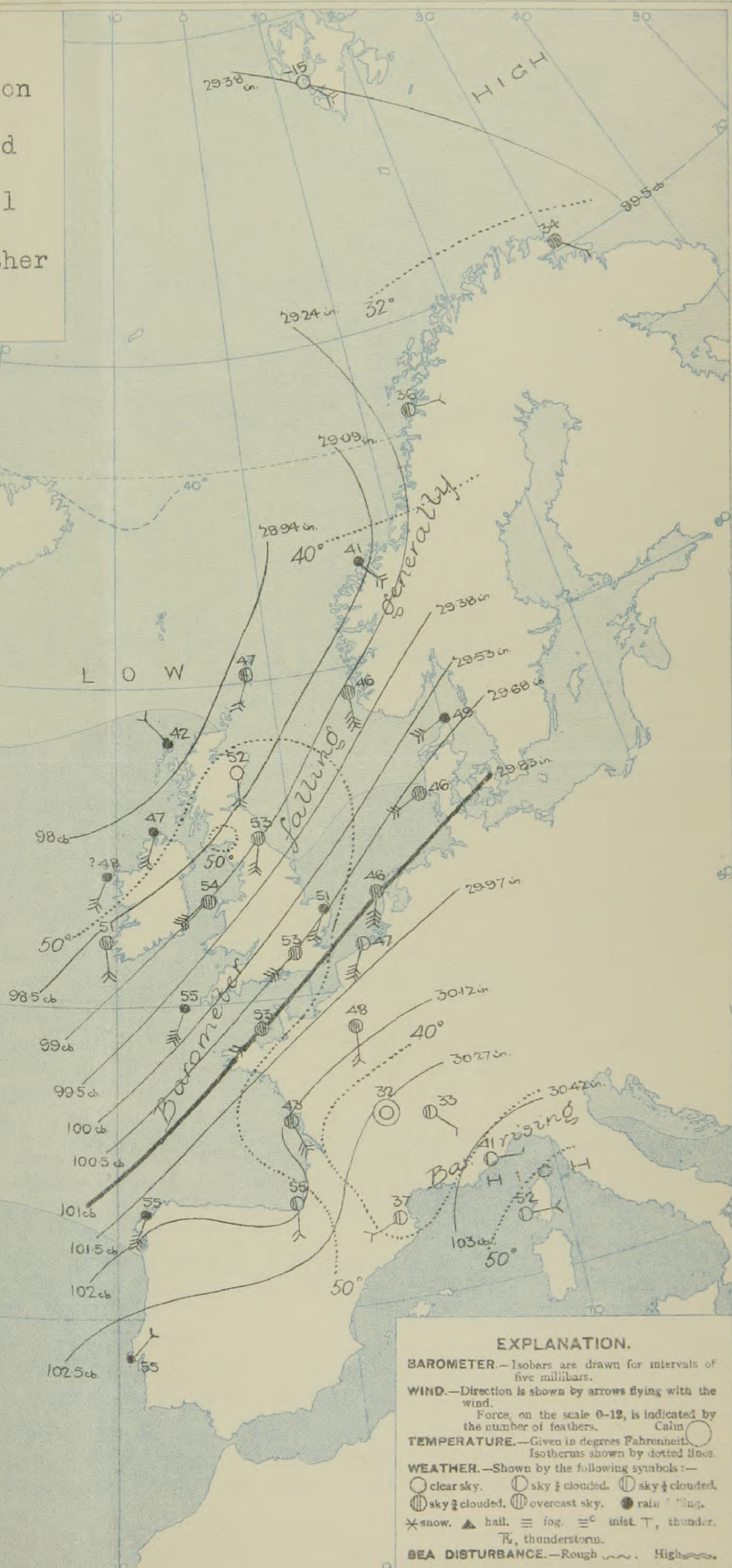
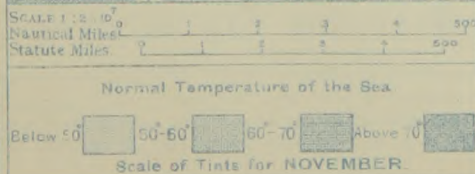
The Atlantic depression will continue to spread eastward over the United Kingdom and will occasion rough, unsettled weather in nearly all districts.



Inches.  
31

30

29



EXPLANATION.

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

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

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

**WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded.  
⊙ sky ¾ clouded. ⊙ overcast sky. ● rain. ⬤ fog.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
T, thunderstorm.

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



## DAILY WEATHER REPORT.

Monday, 30th November, 1914.

REPORTS  
FOR  
YESTERDAY.

29th November

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		° F.	° F.						° F.	° F.			
Scotland.							Tunbridge Wells ...	0.3	53	43	o	o	0.0
Banff ...	2	45	35	bc. or	o	1.2	Margate ...	3	54	40	o	o	0.0
Carnoustie ...				*	*		Ramsgate ...	5	52	41	o	o	0.0
St. Andrews ...				*	*		Folkestone ...	2	51	41	o	o	0.0
England, N.E.							Littlestone ...	*	*	*	*	*	
Harrogate ...	8	54	40	o. c. bc	e. o	0.5	Hastings ...	3	53	44	or. o	o	0.0
Scarborough ...	*	54	41	e	c	0.0	Bexhill-on-Sea ...	2	52	45	o	or	0.0
Skegness ...	1	51	40	o	o	0.0	Eastbourne ...	10	54	43	oq.	oq.	0.0
England, N.W.							Seaford ...						
Douglas (I. of M.) ...							Brighton ...	2	52	46	o	o	0.0
Morecambe ...							Worthing ...	-	53	45	o	o	0.0
Blackpool ...	5	53	45	r	o	0.0	Littlehampton ...	0.3	53	44	o	o	0.0
Southport ...	-	54	43	o	o. c	0.0	Bognor ...	1	53	47	o	o	0.0
Midlands.							Southsea ...						
Buxton ...	2	50	40	o. c	c. o	0.0	Bournemouth ...	-	53	45	o	o	0.0
Leamington Spa ...	0.3	53	40	o	o	0.0	Weymouth ...		54	48	c. o	o	0.0
Malvern ...	-	54	41	c	c	0.0	Exmouth ...		54	46	o	o. c	0.0
Ross-on-Wye ...	1	54	43	oe. od. c	od. oeq.	0.0	Teignmouth ...	-	54	46	o	o. c	0.0
Wales.							Torquay ...	-	54	45	o	o	0.0
Rhyl ...	1	55	41	o	o	0.4	Paignton ...	-	56	45	c	c	0.0
Colwyn Bay ...	2	57	46	o	o	0.0	Plymouth ...		53	45	oq.	oq.	0.0
Llandudno ...	4	55	46	o	o	0.0	Falmouth ...	-	53	45	oq.	oq.	0.0
Bettws-y-Coed ...							Penzance ...						
Aberystwyth ...	1	54	49	r. o	o. of	0.0	Bude ...						
Tenby ...							Hracombe ...	1	55	50	o	o	0.0
Swansea ...	3	52	43	d. o	ou	0.0	Weston-super-Mare ...						
England, E.													
Cromer ...	1	52	42	o. c	o. c	0.0							
Lowestoft ...													
Felixstowe ...	-	52	42	c. cm	c. cm	0.0							
Walton-on-Naze ...	-	51	42	o. cq.	o. c	0.0							
Southend-on-Sea ...	-	52	42	o	o	0.0							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day. Hr.	TEMPERATURE.			Rain- fall. mm. §	WEATHER.			Sun- shine for Yester- day. Hr.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Max. on Grass.		Fore- noon.	After- noon.	Night.	
	%	%		° F.	° F.	° F.					
Greenwich (Royal Obs.) ...	77	91	0.0	54	51	48	2	o	or	o	
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*	
Westminster (St. James's Pk.) ...	79	89	0.0	55	51	46	2	oe. b	or	d. r	
Camden Sq. (Brit. Rainfall) ...	-	91	0.0	54	50	48	3	-	-	*	
Hampstead (Reservoir) ...	*	98	0.0	52	45	40	3	o	or	er	
Richmond Park ...	*	*	0.0								
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.	Average Rate.	Max. Rate.					
S. Kensington (Roof of M.O.)	-	87	0.0	143 Joules	5.0 Milliwatts.	11 Milliwatts.					
Dublin to 4 p.m.	0.3	56	53	54	cpq.	o. cq.	heq.	*			
Darwen to 9 p.m.											
Manchester "											
Birmingham "		53	40	35	*	o	o	0.0			
Oxford to 8 p.m.											
S. Kensington (Museum Grounds to 6 p.m.)	Trace	54	44	37	om. by	c. o	o. om	*			

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

Nov 30th & Dec 1st, 1914.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	7.41	11.42	3.43
Greenwich ...	7.42	11.42	3.43
Wick ...	7.44	11.43	3.54
Valencia ...	7.45	11.45	3.54
	8.37	12.1	3.25
	8.28	12.1	3.25
	8.27	12.30	4.32
	8.28	12.30	4.32

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 50° and 55° over the United Kingdom generally, and touched 57° at Bath and Colwyn Bay. Rain fell generally, - heavily in the north of Ireland and the west of Scotland, and a gale from the South or South-West was experienced on many parts of our coasts.

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

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014.  
TWO.  
N. M.

0.0  
0.4  
0.6  
0.8  
1.0  
1.2  
1.4  
1.6  
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7.8  
8.0  
8.2  
8.4  
8.6  
8.8  
9.0  
9.2  
9.4  
9.6  
9.8  
10.0

ADDITIONS AND CORRECTIONS

TO THE

DAILY WEATHER REPORT.

NOVEMBER, 1914.

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

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



# ADDITIONS AND CORRECTIONS TO THE

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.		
		BAROM. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 8 hours.	Dry Bulb.	Change in 24 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.						°F.	°F.	Direc.	Force 0-12.					Max.	Min.	Morning.		Afternoon.	Night.
1	Corunna.	994.3	54	3SE	3	o	990.3	-1	50	-13	SW	6	-	r	6	9	55	50	.	.	.	.		
2	Madrid	1002.9	41	SW	2	r	1001.7	+3	45	0	SW	1	-	r	*	9	46	39	.	.	.	.		
	Petrograd	1003.2	30	E	1	c	1036.6	-	19	-12	SE	1	-	r	*	11	36	18	.	.	.	.		
3	Ushant	988.4	55	S	5	c	980.0	-	50	-3	E	3	-	r	*	11	55	46	.	.	.	.		
	Belfort	1003.0	48	ENE	4	c	1007.0	+	41	-1	-	0	-	r	*	-	55	41	.	.	.	.		
4	Lyons	1000.8	51	ESE	5	r	1005.0	+	52	+10	-	0	-	r	*	-	56	42	.	.	.	.		
	Corunna	993.5	58	SW	5	r	999.1	+2	50	0	SSW	2	-	r	*	16	57	50	.	.	.	.		
5	Madrid	1001.2	50	WSW	3	bc	1007.4	+2	43	-2	ESE	5	-	o	+	3	61	50	.	.	.	.		
	Corunna	1001.5	57	WSW	3	bc	1003.4	0	54	+4	SSE	3	-	o	+	3	61	50	.	.	.	.		
6	Madrid	1007.7	50	SW	1	o	1012.7	+3	45	+2	-	0	-	o	+	-	50	41	.	.	.	.		
	Petrograd	1021.7	23	WSW	1	o	1017.2	-	23	+11	-	0	-	o	+	-	25	12	.	.	.	.		
7	Ushant	1003.1	35	S	3	c	1003.1	+	52	-2	SE	3	-	r	*	2	57	52	.	.	.	.		
	Belfort	1013.0	48	ENE	2	c	1011.0	+	39	-4	ENE	4	-	r	*	-	53	38	.	.	.	.		
8	Lyons	1012.0	52	-	0	o	1011.0	+	51	0	-	0	-	o	+	17	53	50	.	.	.	.		
	Corunna	1000.0	57	SSE	7	r	995.8	+2	55	+1	SSW	3	-	o	+	2	57	54	.	.	.	.		
9	Madrid	1008.2	52	SSW	1	b	1008.2	+3	48	+3	WSW	1	-	o	+	8	55	45	.	.	.	.		
	Madrid	1007.4	54	WSW	1	o	1007.0	+1	46	-2	-	0	-	o	+	-	57	45	.	.	.	.		
10	Belfort	1010.1	48	ENE	4	m	1011.3	+	45	+4	ENE	3	-	o	+	-	59	40	.	.	.	.		
	Corunna	1006.7	55	W	3	bc	1012.2	+3	50	-4	SE	2	-	o	+	2	59	48	.	.	.	.		
11	Madrid	1006.7	48	W	2	o	1014.4	+4	39	-7	-	0	-	o	+	1	54	37	.	.	.	.		
	Corunna	1012.6	57	NNE	4	b	1017.0	+3	48	-5	S	1	-	o	+	-	59	43	.	.	.	.		
12	Madrid	1012.8	54	-	0	c	1017.0	+3	41	+2	N	1	-	o	+	-	55	39	.	.	.	.		
	Belfort	1022.3	47	-	0	m	1024.2	+	46	+1	-	0	-	m	+	-	50	40	.	.	.	.		
13	Corunna	1018.1	59	NNE	2	bc	1022.6	+2	48	+3	SSW	1	-	o	+	1	61	45	.	.	.	.		
	Madrid	1015.1	54	ENE	2	o	1021.8	+2	50	+9	-	0	-	o	+	6	57	41	.	.	.	.		
14	Horta	1021.0	54	-	0	o	1021.0	-	64	+5	S	5	-	o	+	-	64	59	.	.	.	.		
	Corunna	1022.7	61	NE	5	bc	1022.9	0	45	-3	SSW	1	-	m	+	2	63	43	.	.	.	.		
15	Madrid	1018.3	57	NE	2	b	1023.9	+3	45	-5	NNE	-	-	o	+	-	57	41	.	.	.	.		
	Belfort	1027.7	41	E	3	f	1028.4	+	37	0	-	0	-	o	+	-	48	37	.	.	.	.		
16	Corunna	1020.8	59	N	1	bc	1024.6	+3	45	0	S	1	-	o	+	2	61	43	.	.	.	.		
	Madrid	1020.4	58	-	0	o	1026.3	+3	45	0	NE	1	-	o	+	-	57	43	.	.	.	.		
17	Horta	1013.3	64	S	5	r	1014.9	-	63	-5	ENE	3	-	r	+	50	68	61	.	.	.	.		
	Corunna	1025.9	57	NW	1	b	1027.9	0	41	-4	WNW	2	-	bc	+	1	59	41	.	.	.	.		
18	Madrid	1022.6	57	N	2	b	1028.7	+2	43	-2	NE	2	-	o	+	-	61	39	.	.	.	.		
	Ushant	1021.6	54	NW	5	c	1023.3	+	54	-1	NW	5	-	o	+	2	57	46	.	.	.	.		
19	Belfort	1021.7	36	W	5	f	1014.1	+	39	+3	W	7	-	c	+	2	39	36	.	.	.	.		
	Lyons	1025.3	36	-	0	bc	1018.9	+	41	+3	-	0	-	c	+	-	42	35	.	.	.	.		
20	Sanguinaire	#	63	W	3	c	*	+	59	0	W	3	-	o	+	4	68	54	.	.	.	.		
	Corunna	1024.3	55	SW	3	b	1025.3	+	52	+11	S	1	-	o	+	5	59	41	.	.	.	.		
21	Madrid	1023.5	57	-	0	o	1027.1	0	41	-2	-	0	-	o	+	-	59	37	.	.	.	.		
	Corunna	1032.2	57	N	1	o	1029.6	-2	54	+2	S	1	-	o	+	5	57	52	.	.	.	.		
22	Madrid	1024.0	57	N	3	bc	1027.4	+2	43	+2	-	0	-	o	+	-	59	41	.	.	.	.		
	Horta	1024.0	57	N	3	bc	1032.4	0	63	-2	WNW	1	-	o	+	2	68	59	.	.	.	.		
23	Petrograd	985.4	37	SSW	2	r	977.9	-	36	-1	SSE	3	-	o	+	6	39	34	.	.	.	.		
	Belfort	1011.7	43	WSW	7	o	996.6	+	43	+6	WSW	6	-	o	+	6	45	41	.	.	.	.		
24	Corunna	1026.0	57	W	4	o	1021.0	0	55	+1	N	3	-	o	+	4	61	54	.	.	.	.		
	Madrid	1021.0	57	W	1	o	1018.6	48	+5	NW	3	-	o	+	6	61	43	.	.	.	.			
25	Corunna	1020.0	57	WSW	3	bc	1016.3	-2	57	+2	SW	5	-	c	+	6	59	50	.	.	.	.		
	Madrid	1015.0	57	NW	3	bc	1021.3	+2	39	-9	-	0	-	o	+	-	59	37	.	.	.	.		
26	Horta	1026.6	66	-	1	o	-	-	-	-	-	-	-	o	+	-	-	-	.	.	.	.		
	Belfort	1000.3	41	-	0	c	995.3	+	45	+11	WSW	7	-	o	+	8	45	34	.	.	.	.		
27	Corunna	1015.4	57	WSW	5	o	1019.4	+2	55	-2	W	4	-	o	+	1	61	54	.	.	.	.		
	Madrid	1015.5	59	W	2	bc	1018.6	+3	46	+7	W	2	-	o	+	6	63	39	.	.	.	.		
28	Ushant	1017.9	50	NE	5	c	1022.1	+	48	-4	ESE	3	-	o	+	6	54	43	.	.	.	.		
	Belfort	998.4	43	WSW	4	f	1015.9	+	34	-11	-	0	-	o	+	5	47	34	.	.	.	.		
29	Corunna	1021.2	55	WSW	2	f	1016.3	-3	45	-10	S	2	-	o	+	5	57	43	.	.	.	.		
	Madrid	1016.7	54	NW	2	b	1019.3	+1	41	-5	NE	1	-	o	+	5	55	36	.	.	.	.		
30	Petrograd	1017.1	30	N	1	f	1021.1	-	30	-2	NW	1	-	o	+	3	36	16	.	.	.	.		
	Ushant	1024.2	48	SE	5	b	1023.0	+	43	-5	SE	5	-	o	+	6	52	41	.	.	.	.		
31	Belfort	1022.1	33	ENE	4	c	1025.5	+	32	-2	ENE	4	-	o	+	3	44	28	.	.	.	.		
	Lyons	1019.1	37	NW	5	b	1024.2	+	33	-5	NW	5	-	o	+	4	40	30	.	.	.	.		
32	Nice	1018.6	50	E	2	o	1010.0	+	47	+2	E	4	-	r										



Sun-  
shine  
for  
Yester-  
day.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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# -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.  ° F.	Min.  ° F.	Morning.	Afternoon.		Night.
			° F.						° F.	° F.							° F.	° F.				
23	Dover	.	37	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Nairn	.	.	.	.	.	1014.6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	Blackod Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	41	.	.	.	.
	Donaghadee	.	.	.	.	.	1013.5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Jersey	.	.	.	.	.	1014.3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	Lerwick	.	.	.	.	.	999.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Blackod Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	42	.	.	.	.
	Spurn Head	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
	Clacton-on-Sea	1010.7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	Blackod Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	56	.	.	.	.	.
	Dungeness	1012.7	.	SW	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Tynemouth	1005.7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	Blackod Point	1004.1	.	.	.	.	1004.1	.	.	.	.	.	.	.	.	.	48	.	.	.	.	.
	Spurn Head	1002.3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	Holyhead	.	.	.	.	.	1004.5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Yarmouth	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20	.	.	.	.	.	.
30	Eskdalemuir	.	.	.	.	.	.	.	50	+2	.	.	.	.	.	.	.	.	.	.	.	.
	Blackod Point	.	.	.	.	.	.	.	48	-4	.	.	.	.	.	.	53	.	.	.	.	.
	Dover	.	.	.	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Spurn Head	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	46	.	.	.	.