

# DAILY WEATHER REPORT.

January to June 1894.





METEOROLOGICAL OFFICE.

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DAILY WEATHER REPORTS.

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1<sup>ST</sup> JANUARY TO 30<sup>TH</sup> JUNE, 1894.



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 1<sup>st</sup> April, 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

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STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.		TEMP.		WIND.	Weather	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			
	At 32° and M.S.L.	Dry Bulb.	Force (0 to 12.)	At 32° Fahr. and M. S. L.			Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.	Min.				Rainfall.			
	Ins.	°		Ins.	Ins.	°	°	°	°	°	°	°	°	Ins.							
<b>SCANDINAVIA.</b>																					
Haparanda ...	30.08	31	2	0	b	30.02	-0.01	33	32	-5	SW	2	b	#	b	#	41	30	-		
Hernösand ...	30.18	43	2	0	b	30.18	+0.09	38	36	+2	2	0	b	#	b	#	57	30	-		
Stockholm ...	30.23	41	SSE	2	b	30.23	-0.06	43	40	-1	S	2	0	#	b	#	57	34	-		
Wisby ...	30.27	43	S	4	b	30.25	-0.07	45	41	-2	S	2	b	#	b	#	59	37	-		
Bodo ...	29.95	40	E	2	bc	29.88	-0.04	43	40	+1	SW	8	0	5	bc	#	43	37	-		
Christiansund ...	29.92	50	ESE	4	b	30.02	+0.02	43	42	+1	ESE	1	bc	4	b	#	54	41	-		
Skudesnaes ...	29.95	48	ESE	2	bc	30.01	+0.06	46	43	-1	ENE	2	b	2	bc	#	54	43	-		
Færder (Christiania Fjord)	30.07	46	2	0	b	30.08	-0.09	40	39	+4	NNE	3	b	1	b	#	45	36	-		
Skagen (The Scaw)	30.00	44	SSE	3	b	30.04	-0.04	43	42	0	SSE	3	m	1	b	#	50	41	-		
Faro ...	29.89	49	ESE	4	b	29.94	+0.04	41	39	-3	ESE	2	b	#	b	#	61	41	-		
<b>BRITISH ISLANDS.</b>																					
Sumburgh Head	29.74	48	2	0	b	29.91	+0.16	45	45	0	2	0	m	2	b	#	49	40	-		
Stornoway ...	29.72	50	SW	3	0	29.93	+0.31	45	44	-4	NE	2	0	3	m, 0	43	55	37	0.01		
Wick ...	29.74	56	NW	1	bc	29.95	+0.26	45	44	0	NW	2	bc	0	bc, b	#	56	40	0.05		
Nairn ...	29.75	52	2	0	c	29.94	+0.27	41	40	-2	2	0	om	1	c	#	57	32	-		
Aberdeen ...	29.78	49	S	2	b	29.97	+0.23	46	43	+3	W	1	bmw	1	bm	7.3	57	36	-		
Leith ...	29.81	52	W	1	0	29.96	+0.23	45	43	0	W	1	0	#	0	#	54	35	0.01		
Shields ...	29.83	53	W	1	c	29.99	+0.22	39	38	-6	SW	1	m	2	c, p	#	58	36	-		
Spurn Head ...	29.85	47	2	0	b	29.99	+0.23	45	44	+1	WNW	1	cmw	2	m, b	#	54	39	0.01		
York ...	29.81	56	ESE	1	b	30.01	+0.25	41	39	0	NNE	1	b	#	b	#	63	35	0.01		
Loughborough ...	29.81	60	SSW	1	bc	30.02	+0.26	43	42	-4	WNW	1	bmw	#	bc	#	65	37	-		
<b>GERMANY &amp; HOLLAND.</b>																					
Ardrossan ...	29.78	50	WNW	2	bcw	29.98	+0.27	45	45	-3	SE	2	af	1	b, bcw	#	58	43	-		
Malin Head ...	29.78	48	NW	4	bcw	29.97	+0.35	45	44	-4	S	1	0	2	bcw	#	55	44	-		
Belmullet ...	29.88	46	NNW	4	0	29.98	+0.32	46	44	+1	N	2	bc	#	0	#	30	42	0.01		
Donaghadee ...	29.80	52	SSW	2	b	30.00	+0.30	43	43	-4	N	2	f	0	b	#	54	42	-		
Liverpool (Bidston)	29.83	52	ESE	1	c	30.00	+0.27	51	46	+2	SE	1	b	0	c	#	59	43	-		
Holyhead ...	29.83	49	2	0	bcw	30.00	+0.30	48	47	-2	SW	1	m	0	bcw	#	57	38	-		
Parsonstown ...	29.81	56	2	0	c	30.01	+0.34	45	43	-1	SW	1	0	#	c	4.2	52	41	-		
Valencia ...	29.89	47	NNW	5	c	30.02	+0.35	44	42	0	2	0	bc	2	og, c	5.7	52	41	-		
Roche's Point ..	29.82	51	NNW	5	c	30.02	+0.34	43	42	-7	NNW	3	f	3	c	#	57	40	-		
Pembroke (St. Ann's Hd.)	29.83	51	N	1	b	30.00	+0.31	45	44	-3	E	1	bmw	0	b	10.0	51	41	-		
<b>FRANCE &amp; BELGIUM.</b>																					
Seilly ...	29.80	52	NE	1	c	29.98	+0.34	51	49	+1	E	2	cur	4	c	8.5	56	49	-		
Prawle Point ...	29.81	51	SE	1	b	30.00	+0.49	55	52	+5	E	1	b	1	b	#	55	42	-		
Jersey (St. Aubin's)	29.81	59	SSE	2	bc	30.00	+0.27	58	51	+5	WNW	2	bc	2	bcw	#	61	48	-		
Hurst Castle ...	29.85	55	S	1	b	30.01	+0.27	51	48	0	NNE	1	bc	2	b	#	58	49	-		
Dungeness ...	29.84	52	SSW	1	c	30.01	+0.25	54	49	+2	2	0	bc	0	bc, c	#	59	42	-		
North Foreland	29.83	58	S	2	b	30.01	+0.26	52	48	+2	NW	1	cm	1	bc, b	#	63	46	-		
London (Brixton) ...	29.84	57	S	2	bc	30.03	+0.27	49	42	-7	S	1	c	#	bc	9.4	66	41	-		
Oxford ...	29.90	51	SW	1	c	30.03	+0.29	44	43	-5	SE	1	og	#	c, p	#	63	40	0.02		
Cambridge ...	29.83	58	SW	1	c	30.03	+0.26	50	47	+2	S	1	b	#	c	6.3	67	38	-		
Yarmouth ...	29.87	49	ENE	2	bc	29.99	+0.25	49	47	+3	NNW	2	bcw	2	b, bc	#	53	43	-		
<b>GERMANY &amp; HOLLAND.</b>																					
Cuxhaven ...	29.81	47	SSE	2	b	29.92	+0.05	44	42	-2	SSE	2	b	#	b	#	60	43	-		
Berlin ...	30.04	53	SE	4	b	30.05	+0.02	44	40	-4	SE	1	b	#	b	#	63	41	-		
Wiesbaden ...	#	#	#	#	#	29.97	+0.13	47	42	-1	2	0	b	#	#	#	63	41	-		
Munich ...	29.87	47	E	4	b	29.95	+0.06	38	35	-6	SW	1	b	#	b	#	61	34	-		
The Helder ...	29.90	49	W	1	b	30.02	+0.23	47	45	-1	NNW	1	bc	1	b	#	57	45	-		
<b>FRANCE &amp; BELGIUM.</b>																					
Brussels (9 a.m.) ...	#	#	#	#	#	30.02	+0.25	48	45	-2	SW	1	b	#	b	#	63	41	-		
Cape Gris Nez ...	29.84	54	2	0	b	29.99	+0.23	49	47	-2	W	1	c	0	b	#	57	46	-		
Paris ...	29.85	59	ENE	1	b	30.01	+0.20	46	44	+1	NNE	1	c	#	b	#	67	45	-		
Brest ...	?	54	SSE	1	bc	?	?	45	?	-4	ENE	1	b	#	bc	#	59	43	-		
Lorient ...	29.80	53	SE	3	bc	29.97	+0.32	49	47	-1	2	0	b	5	bc	#	59	46	-		
<b>FRANCE &amp; BELGIUM.</b>																					
Rocheport ...	29.84	59	N	1	0	30.01	+0.30	52	51	+3	ESE	1	c	#	b, 0	#	64	49	-		
Belfort ...	?	54	E	1	b	?	?	45	42	+4	E	3	bc	#	b	#	65	38	-		
Lyons ...	29.80	58	WSW	1	0	29.95	+0.14	50	45	+6	SW	1	b	#	0	#	67	44	-		
Nice ...	29.83	55	E	6	bc	29.91	+0.20	53	43	-2	E	1	b	2	bc	#	61	46	-		
Perpignan ...	29.87	49	SW	2	r	29.98	+0.20	48	48	-2	2	0	r	#	r	#	54	47	0.28		
Biarritz ...	29.72	57	NNE	3	0	29.92	+0.21	55	52	+3	W	4	bc	4	0	#	66	50	-		
<b>PENINSULA.</b>																					
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Lisbon ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Azores (P. Delgada)	29.84	51	NNW	5	b	29.92	+0.14	53	48	0	NNW	5	b	#	b	#	55	48	0.04		
	30.38	?	SW	?	?	30.23	-0.21	58	54	-1	SW	7	0	5	?	#	58	49	-		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.







# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.2 in. and upwards, over the northern part of the Baltic; 30.0 in. and upwards over the greater part of Ireland, England, and the north of France.

Lowest, 29.9 in. and less, in a depression lying off the northwest of Norway.

Gradients slight. Barometer rising generally, but falling a little in the north of Scandinavia.

## TEMPERATURE

Highest, 58° at Jersey, 55° at Hawke Point and Rhianity, 54° at Dungeness, 53° at Kisa, and 52° at the Skell, Lorient, and Rochefort.

Lowest, (1) 38° at Haparanda, 38° at Haparand, and 40° at Lander; (2) 38° at Munich; (3) 39° at Skids, and 41° at Nam and York.

The highest maxima registered over our Islands yesterday were 67° at Lambridge, and 66° in London.

## WIND

Light and exceedingly variable over our Islands and France.

Light from the E<sup>W</sup> or SE<sup>W</sup> on the eastern shores of the North Sea; SW in the north of Scandinavia, with a gale at Rodö.

## WEATHER

Fine over the greater part of Western Europe, but foggy or hazy in most parts of the United Kingdom.

Slight rain fell yesterday in isolated portions of our Islands.

Lightning was seen last night at Wick and an Aurora at Scilly.

## SEA

Slight or smooth generally, but rather rough at Brest and also at Lorient.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS

For the 24 hours ending at NOON on 2<sup>nd</sup> April, 1894.

### DISTRICTS.

### FORECASTS.

- 0 SCOTLAND NORTH
- 1 SCOTLAND EAST
- 2 ENGLAND N.E.
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH

*None issued*

### DISTRICTS.

### FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

### WARNINGS

*None issued*

*None issued.*

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.93	50	48	SE	2	c	3	Valencia ...	29.81	48	46	NNW	5	opq	4
Sumburgh Head	29.73	48	47	SE	2	b	3	Scilly ...	29.73	54	51	ESE	3	c	5
Stornoway ...	29.67	55	47	SW	3	m	3	Jersey ...	29.77	59	51	SE	3	bc	3
Aberdeen ...	29.75	54	48	SSE	2	bm	2	Hurst Castle ...	29.80	58	53	SW	1	b	1
Shields ...	29.78	55	50	SSW	2	c	2	Dungeness ...	29.80	56	51	SW	2	bc	1
Ardrossan ...	29.73	54	50	SSW	2	bm	2	North Foreland	29.80	60	53	S	2	bc	#
Malin Head ...	29.71	54	50	SW	3	b	2	London (Westminster)	29.78	63	52	SSW	3	b	2
Belmullet ...	29.80	48	46	NNW	4	o	#	Yarmouth ...	29.77	52	48	NNE	2	b	#
Holyhead ...	29.77	57	49	WSW	2	b	1	Rocheport ...	29.76	60	58	ESE	1	o	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather fine over the greater part of our Islands and the Continent, but dull in the southern countries, with rain over the central part of Spain and Italy, as well as at Perpignan. Slight rain falling later in isolated portions of the United Kingdom and larger amounts in Algeria and the extreme south of France. Lightning seen at Mirk at night and an aurora at Scilly.

Temperature fallen over the northern part of our Islands and the Continent, as well as in France and the south of Italy, but risen elsewhere. Morning readings highest (1) 60° at Bilbao and Comma and 53° on the Algerian coast and at Malta; (2) 56° in London, 53° at Jersey and 52° at Dungeness. Lowest 30° at Khar'kov, 31° at Nislaiff, and 33° at Archangel and Odessa; below 40° at most of the Russian, Russian, and Austrian stations, and below 45° in several of the northern parts of Great Britain. Rising during day to 65° or more at some of our now central and southern stations, as well as in many parts of France, Spain, and Italy, the highest reading of all being 70° at Le Mans.

Wind light from the S<sup>W</sup> or SE<sup>W</sup> over the greater part of Western Europe, but variable over the Netherlands, central France, and the East of England. Light from the SW<sup>W</sup> or W<sup>W</sup> over the northern parts of Russia. E or NE in Italy and the south of France; moderate to strong from the N<sup>W</sup> in Portugal; variable or W in Algeria. Subsequently shifting to the NW<sup>W</sup> in Ireland, and becoming very variable in Great Britain; no important change occurring elsewhere.

Barometer highest 30.5 in. and upwards over the south of Russia, 30.1 in. and upwards, in an anticyclone covering the greater part of northern, eastern, and central Europe. Lowest 29.6 in. and less, in a depression lying to the southward of our Islands, and also in two other systems lying respectively over Algeria and to the southward of Sicily. Rise taking place over Western Europe during day, and new high pressure system beginning to appear off our extreme western coast.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
\* AN ASTERISK is inserted in all places for which information is not usually received.  
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on *Monday, 2<sup>d</sup> April,* 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

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STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.	Force (0 to 12.)	Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
						At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Weather.	Max.	Min.	Rainfall.	
Inch.	°	Direc.			Inch.	Inch.	°	°	°						°	°	Inch.			
SCANDINAVIA.																				
Haparanda ...	30.12	33	SW	2	b	30.14	+ .47	31	28	- 2	NE	2	b	#	b	#	37	27	-	
Hernösand ...	30.20	34	Z	0	b	30.39	+ .21	42	38	+ 4	Z	0	b	#	b	#	50	30	-	
Stockholm ...	30.25	40	Z	0	b	30.26	+ .03	41	38	- 2	NE	2	b	#	b	#	55	36	-	
Wisby ...	30.22	40	S	4	b	30.19	- .06	47	43	+ 2	SE	2	bc	#	bc	#	57	36	-	
Bodo ...	30.25	39	SW	4	b	30.42	+ .54	36	34	- 7	E	2	b	1	b	#	43	32	0.04	
Christiansund ...	30.18	45	Z	0	b	30.19	+ .17	45	39	+ 2	E	3	m	3	b	#	52	43	-	
Skudesnaes ...	30.10	43	Z	0	b	30.14	+ .13	48	42	+ 2	EHE	2	b	1	b	#	50	39	-	
Færder (Christiania Fjord)	30.13	46	Z	0	b	30.19	+ .11	41	40	+ 1	EHE	5	b	1	b	#	46	39	-	
Skagen (The Seaw)	30.08	42	SE	1	b	30.15	+ .11	43	41	0	E	1	b	0	b	#	48	39	-	
Fanø ...	30.00	47	EHE	2	b	30.00	+ .06	41	39	0	E	4	b	#	b	#	59	39	-	
BRITISH ISLANDS.																				
Sumburgh Head	30.02	46	Z	0	c	30.04	+ .13	41	41	- 4	NE	2	f	3	c	#	50	39	-	
Stornoway ...	29.94	48	W	3	c	29.90	- .03	41	41	- 4	Z	0	f	2	c	#	4.2	50	35	
Wick ...	29.99	50	SE	2	f	29.99	+ .04	44	43	- 1	SE	2	f	2	t.f	#	56	39	-	
Nairn ...	29.96	52	E	1	c	29.96	+ .02	40	39	- 1	Z	0	f	1	c	#	57	32	0.01	
Aberdeen ...	30.01	45	NE	1	c	30.01	+ .04	41	40	- 5	HW	1	bmw	1	b.c	#	52	32	-	
Leith ...	30.06	56	W	1	c	29.95	- .01	43	43	- 2	Z	0	bcm	#	c	#	60	34	0.02	
Shields ...	30.01	49	E	2	cm	29.97	- .02	43	42	+ 4	Z	0	f	2	p.cm	#	55	36	-	
Spurn Head ...	29.99	47	SSE	3	c	29.96	- .03	46	44	+ 1	ESE	3	c	3	c	#	54	43	-	
York ...	29.99	58	E	1	b	29.96	- .05	44	43	+ 3	EHE	1	b	#	b	#	65	37	-	
Loughborough ...	30.00	62	HEW	1	c	29.96	- .06	41	41	- 2	HW	1	bfgw	#	c	#	66	37	-	
GERMANY & HOLLAND.																				
Ardrossan ...	29.97	49	SSW	1	bcm	29.91	- .07	47	45	+ 2	NE	2	of	1	bcm.f	#	55	40	-	
Malin Head ...	29.95	47	N	2	om	29.85	- .12	47	45	+ 2	E	1	om	2	bc,om	#	53	44	-	
Belmullet ...	29.97	51	SW	2	b	29.77	- .21	49	47	+ 3	E	3	o	#	b	#	51	43	-	
Donaghadee ...	30.01	45	ESE	3	f	29.91	- .09	43	43	0	ESE	3	m	1	f	#	46	41	-	
Liverpool (Bidston)	30.01	52	Z	0	b	29.92	- .08	43	42	- 8	ESE	2	m	?	b	#	54	37	-	
Holyhead ...	30.01	45	HW	1	f	29.90	- .10	49	47	+ 1	E	1	m	0	f	#	54	39	-	
Parsonstown ...	29.96	56	Z	0	o	29.82	- .19	47	45	+ 2	Z	0	b	#	o.r	#	6.6	59	44	
Valencia ...	29.96	48	SW	1	c	29.75	- .27	49	47	+ 5	SSE	3	c	3	c	#	7.3	51	41	
Roche's Point ...	30.00	49	SSE	2	cf	29.80	- .22	50	49	+ 7	SSE	4	c	4	f.c.p	#	51	43	0.01	
Pembroke (St. Ann's Hd.)	29.99	50	HW	1	b	29.88	- .12	46	46	+ 1	SSE	2	f	0	b	#	10.7	54	43	
FRANCE & BELGIUM.																				
Scilly ...	29.99	52	ESE	2	b	29.87	- .11	53	52	+ 2	SSE	2	cw	3	b	#	58	49	-	
Prawle Point ...	29.97	53	W	1	b	?	?	51	50	- 4	SE	1	b	1	b	#	59	44	-	
Jersey (St. Aubin's)	30.00	59	HW	3	bc	29.93	- .07	58	53	0	HW	3	b.m	3	bc.g.b	#	67	42	-	
Hurst Castle ...	30.09	55	S	1	b	29.93	- .08	50	48	- 1	ESE	2	b	2	b	#	60	49	-	
Dungeness ...	30.00	54	S	2	bc	29.94	- .07	51	48	- 3	E	1	m	1	bc	#	65	46	-	
North Foreland	30.01	52	E	1	c	29.97	- .04	49	47	- 3	SSE	1	bc	2	bc.c	#	62	46	-	
London (Brixton) ...	30.00	58	SE	1	cp	29.95	- .08	52	46	+ 3	SE	1	bcm	#	bc.c.p.m	#	1.8	69	41	
Oxford ...	30.01	55	NE	1	bc	29.95	- .08	45	44	+ 1	Z	0	cm	#	bcp	#	65	36	0.02	
Cambridge ...	30.00	60	SSE	1	b	29.97	- .06	47	46	- 3	EHE	1	c	#	b	#	8.3	67	41	
Yarmouth ...	30.01	50	Z	0	c	29.98	- .01	46	45	- 3	Z	0	bc	2	c	#	53	43	-	
GERMANY & HOLLAND.																				
Cuxhaven ...	29.95	47	HW	2	b	29.96	+ .04	44	43	0	SE	2	b	#	b	#	51	43	-	
Berlin ...	29.97	55	SE	1	b	29.97	- .08	45	43	+ 1	E	2	o	#	b	#	63	44	-	
Wiesbaden ...	?	#	#	#	#	29.93	- .04	45	42	- 2	N	1	b	#	#	#	64	41	-	
Munich ...	?	46	Z	0	b	29.92	- .03	41	37	+ 3	SW	3	b	#	b	#	59	32	-	
The Helder ...	30.08	46	HW	1	b	30.02	.00	45	44	- 2	N	1	b	1	b	#	52	43	-	
FRANCE & BELGIUM.																				
Brussels (9 a.m.) ...	#	#	#	#	#	?	?	49	49	+ 4	S	2	c	3	b	#	59	45	-	
Cape Gris Nez ...	30.00	53	HW	1	b	29.97	- .02	52	47	+ 3	Z	0	bc	0	bc	#	63	48	-	
Paris ...	29.99	60	N	2	c	29.98	- .03	46	44	0	N	1	c	#	c	#	?	41	-	
Brest ...	?	56	EHE	1	b	?	?	49	49	+ 4	S	2	c	3	b	#	59	45	-	
Lorient ...	30.01	56	W	3	b	29.94	- .03	48	48	- 1	Z	0	m	4	b	#	64	45	-	
FRANCE & BELGIUM.																				
Rochefort ...	30.00	55	HW	4	b	29.95	- .06	48	46	- 4	NE	3	b	#	r.b	#	66	45	-	
Belfort ...	?	#	#	#	#	?	?	49	49	+ 4	S	2	c	3	b	#	59	45	-	
Lyons ...	29.91	57	HW	1	b	29.92	- .03	48	42	- 2	HW	1	b	#	b	#	67	44	-	
Nice ...	29.91	53	SW	1	b	29.86	- .02	51	42	- 2	E	1	bc	1	b	#	61	45	-	
Perpignan ...	29.93	55	SE	2	o	29.90	- .08	56	50	+ 8	HW	2	b	#	o	#	65	?	-	
Biarritz ...	29.99	55	HW	4	b	29.94	+ .02	50	48	- 5	S	2	o	5	b	#	59	48	-	
PENINSULA.																				
Corunna ...	?	#	#	#	#	?	?	49	49	+ 4	S	2	c	3	b	#	59	45	-	
Lisbon ...	30.03	53	HW	5	b	30.02	+ .10	54	51	+ 1	HW	2	o	#	b	#	61	52	-	
Azores (P. Delgada)	30.12	57	HW	3	o	30.26	+ .03	52	46	- 6	HW	4	bc	2	o	#	61	48	0.04	

For Explanation of Columns, see bottom of last page.

Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office Westminster



# WEATHER CHARTS

FOR MONDAY, 2<sup>nd</sup> APRIL 1894.

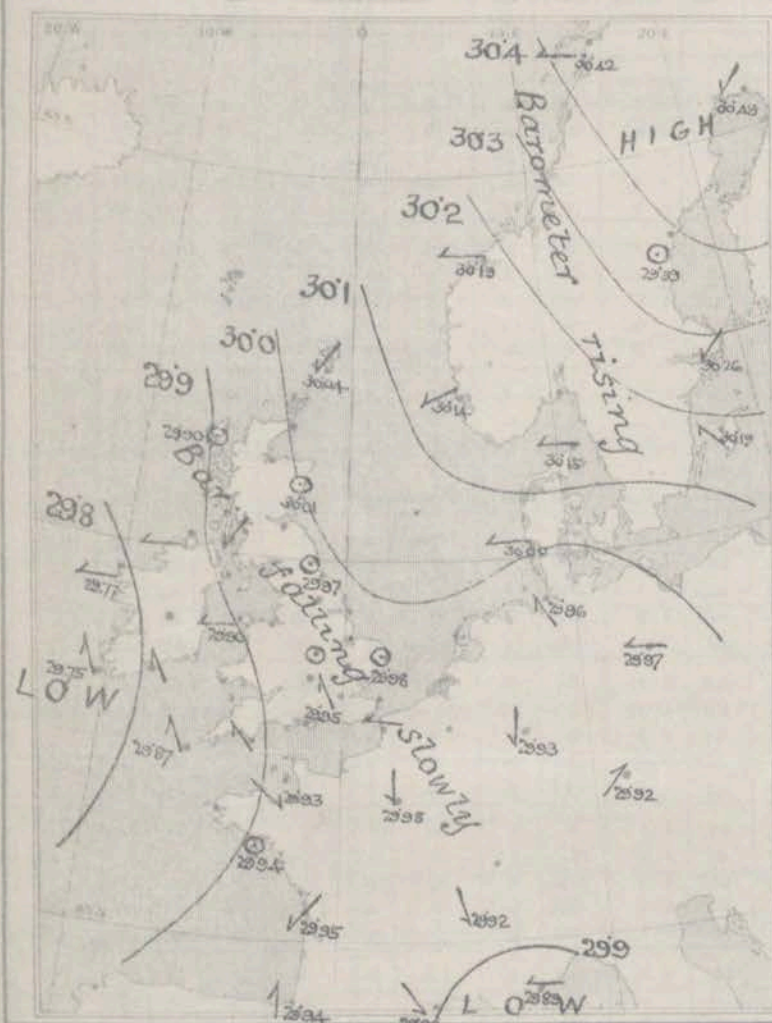
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉  
Force 8 to 10 → Force 1 to 4 → }

SEA—Rough High

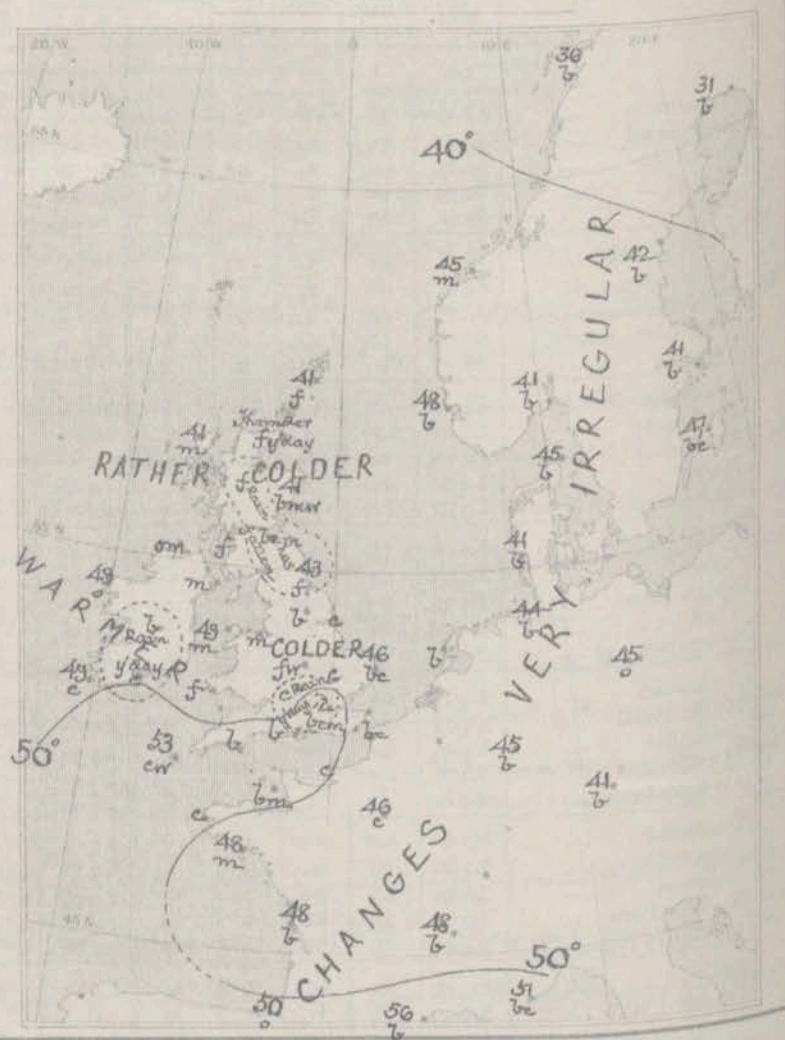


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.5.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871-90). (Inches.)	TEMPERATURE. (20 years 1871-90).				RAINFALL. (25 years 1866-90). (Inches.)	BRIGHT SUNSHINE (10 years 1881-90).	
		Dry Bulb 8 A.M.	Wet Bulb 8 A.M.	Daily Maximum	Daily Minimum		Hours	Per cent. of possibility
Sandburgh Head	29.840	41.7	40.2	46.0	36.7	2.07	—	26
Sornoway	29.824	43.8	42.3	48.9	37.2	2.05	152.3	—
Wick	29.848	43.1	41.2	48.9	36.9	1.68	—	—
Nairn	29.848	42.7	40.4	50.9	37.3	1.26	—	34
Aberdeen	29.858	43.2	40.7	49.3	38.0	2.16	143.0	—
Leith	29.843	44.1	41.7	52.0	37.9	1.37	—	—
Shields	29.866	43.5	41.4	49.0	38.6	1.80	—	—
Spurn Head	29.863	44.0	42.3	48.4	39.3	1.45	—	31
York	29.875	43.8	41.6	53.5	37.7	1.75	128.0	—
Loughborough	29.879	44.4	42.1	55.1	38.1	1.78	—	—
Andover	29.877	44.4	42.1	51.5	39.5	2.14	—	—
Doncaster	29.890	44.6	42.0	51.0	40.0	1.92	—	—
Huddersfield	29.877	45.8	43.8	51.4	42.0	1.90	—	—
Liverpool	29.867	45.0	42.1	52.6	40.4	1.55	—	29
Parsonstown	29.844	45.0	42.5	54.6	38.0	2.04	139.9	—
Valencia	29.844	48.2	45.6	53.9	42.8	3.83	169.5	41
Boche's Point	29.831	46.8	44.5	53.7	42.1	3.24	—	—
Penzance	29.822	45.2	43.1	50.4	41.0	1.94	182.9	44
Sally	29.836	48.0	46.0	52.1	44.7	2.27	—	—
Pease Pond	29.856	46.2	44.4	51.0	40.7	2.07	—	40
Jersey	29.872	48.5	45.9	54.2	43.5	2.68	187.6	—
Harbour Castle	29.871	45.5	44.2	52.1	41.0	1.83	—	—
Dover	29.844	46.3	44.0	53.4	41.5	1.77	—	30
LONDON	29.878	46.1	43.2	56.0	39.7	1.84	124.3	34
Oxford	29.864	44.4	42.1	54.0	38.9	1.78	141.2	36
Cambridge	29.880	45.2	43.0	56.8	37.3	1.69	147.8	—
Warrmouth	29.872	44.7	43.0	49.1	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.4 in. at upwards, over the Gulf of Bothnia; 30.0 in. and upwards over the southern part of the Spanish Peninsula.  
 Lowest, 29.8 in. and less, in a shallow depression lying off the southwest of Ireland.  
 Gradients slight. Barometer falling at all but the Scandinavian and Danish stations, most in the west of Ireland.

## TEMPERATURE

Highest, 58° at Jersey, 56° at Perpignan, 54° at Lieke, 53° at Lillo, and 52° in London and at Cape Fin Mez.  
 Lowest, (1) 31° at Haparanda, 30° at Rodø, and 41° at Stockholm and Trondheim; (2) 40° at Kairi, and 41° at Lumburg, N. Norway, Aberdeen, and Loughborough.  
 The maxima registered yesterday were above 65° at several of our central and southern stations, the highest reading of all being 69° in London.

## WIND

Light from the E<sup>ly</sup> or SE<sup>ly</sup> over the greater part of Ireland and England, but variable in Scotland and also in France.  
 Light to moderate from the E<sup>ly</sup> or NE<sup>ly</sup> in Scandinavia and Denmark.

## WEATHER

Fair or fine over Western Europe generally, but with fog or haze in many parts of the United Kingdom.  
 Light showers fell yesterday in a few isolated parts of our Islands. Thunder was heard at Wick and also at Horwood.  
 (The newspapers report a similar occurrence at Dover).

## SEA

Light or smooth generally, but rather rough at Fairhead.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the southwest of Ireland seems likely to occasion rain in the extreme western and south-western parts of the Kingdom. Elsewhere the weather will probably remain fair for the present.

# FORECASTS

For the 24 hours ending at NOON on 3<sup>rd</sup> APRIL, 1894.

## DISTRICTS.

## FORECASTS.

1 SCOTLAND  
 NORTH } Variable breezes, finally SE<sup>ly</sup>;  
 1 SCOTLAND } fair generally.  
 EAST

2 ENGLAND  
 N.E. }  
 3 ENGLAND } Same as No 5.  
 EAST  
 4 MIDLAND  
 COUNTIES }

5 ENGLAND  
 SOUTH } E<sup>ly</sup> and SE<sup>ly</sup> winds, light; fair generally.

## DISTRICTS.

## FORECASTS.

6 SCOTLAND  
 WEST } Same as No 5.  
 7 ENGLAND  
 N.W. }

8 ENGLAND  
 S.W. } SE<sup>ly</sup> winds, freshening; fair to dull  
 9 IRELAND } and some rain.  
 NORTH  
 10 IRELAND  
 SOUTH }

## WARNINGS

None issued.

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S. E. round by S. to S. W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards S. or N.E. the North Cone is hoisted in preference to the South Cone.  
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W. the North Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Direc.						Dry.	Wet.	Direc.			
Skudesnaes ...	30.07	49	45	W	2	b	2	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	29.95	60	48	S	3	c	3	Jersey ...	30.01	66	56	E.S.E.	1	b.c.	1
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	30.00	58	53	SW	2	b.c.	1
Ardrossan ...								North Foreland	30.02	56	51	N	1	b.c.	#
Malin Head ...	29.97	50	47	E.S.E.	3	b.c.	2	London (Westminster)							
Belmullet ...	29.99	51	46	SW	2	b	#	Yarmouth ...							
Holyhead ...								Rochefort ...	30.02	60	49	N	3	r	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fair over the Continent and England generally, but less fair in Ireland and Scotland, and not so settled over the United Kingdom as it was during the earlier half of the week. Slight local showers reported later in several parts of St. Britain and at Bodo, and thunder heard in some of the suburbs of London.

Temperature rather less high than of late. Morning readings 57° at Malta, La Caille and Oran, and exceeding 50° on the shores of the Mediterranean, the Bay of Biscay and the English Channel; and exceeding 40° at almost all west stations. Lowest 32° at Kiev, 33° at Vienna, Kharkov, Moscow, 52° at Petersburg and Haparanda, and below 40° over central and south Germany, Russia and Turkey in Europe. Rising later to between 65° and 69° over the greater part of England and the west of France, but not touching 60° in Ireland, Wales or the greater part of Scotland.

Wind (1) SE<sup>1</sup> light over southeastern and central Europe, SE<sup>1</sup> to S<sup>1</sup> over the Baltic and Denmark, SW<sup>1</sup> over Lapland; (2) E<sup>1</sup> over the south of France, NE<sup>1</sup> over Italy and Spain, NW<sup>1</sup> at Oran, SE<sup>1</sup> at Algiers; (3) extremely light and variable over the United Kingdom. No important change later.

Barometer highest 30.6 ins. and more to 30.0 ins. in a large anticyclone, having its centre near Moscow and covering all the eastern half of Europe; exceeding 30.0 ins. in some secondary anticyclones over the British Islands, France and the northwest of Spain. Lowest below 29.8 ins. in some very shallow depressions lying over the southern side of the Mediterranean, and below 29.9 ins. over the west of Lapland. Falling somewhat in Ireland and central France later, rising over northern Europe and in Portugal.

## SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD. FROM THE 25<sup>TH</sup> TO 31<sup>ST</sup> MARCH 1894.

During nearly the whole of last week anticyclonic conditions were again prevalent over western Europe, the central portion of the high pressure system being located for the most part over Denmark, North Germany, and the south of Scandinavia. The prevailing winds were therefore E<sup>1</sup> over France and the southern parts of the United Kingdom, but variable or S<sup>1</sup> in the north of our Islands, and SW<sup>1</sup> or W<sup>1</sup> in Scandinavia. The weather was generally fair and dry, but a good deal of haze or fog was reported over our Islands during the night and early morning hours, and at some of the eastern stations the weather at times remained thick all day. Owing to the prevalence of fog temperature varied considerably in different places, but in the day time the thermometer was usually high, the maxima occasionally exceeding 65° in the more central and southern parts of the Kingdom. At night the weather was cold, especially in the inland districts, where frosts occurred rather frequently not only on the surface of the ground, but also in the screen. The daily range was therefore very large the mean value for the entire week being as high as 35.6 both at Loughborough and Cambridge. Towards the close of the period the anticyclone receded slowly to the eastwards, and a shallow low pressure system spread over our Islands from the Atlantic. With the exception of a few local showers the weather remained fine in nearly all districts. On the night of the 30<sup>th</sup> brilliant aurora was seen over the greater part of the United Kingdom.

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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# DAILY WEATHER REPORT

for 8 a.m. on Tuesday 3<sup>rd</sup> April, 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.	Min.	Rainfall.								
Ins.	°				Ins.	Ins.	°	°	°			°	°	Ins.							
SCANDINAVIA.																					
Haparanda ...	30.63	30	Z	0	b	30.53	+ .04	32	30	+ 1	SE	2	b	#	#	41	25	—			
Hernösand ...	30.45	37	NE	4	b	30.34	— .05	35	36	— 4	NE	2	b	#	#	46	36	—			
Stockholm ...	30.25	39	NE	2	o	30.21	— .05	37	37	— 4	SE	2	r	#	#	48	34	0.12			
Wisby ...	30.18	40	W	4	r	30.16	— .03	40	39	— 7	SSE	4	r	#	#	54	36	0.20			
Bodo ...	30.39	41	ENE	4	b	30.67	+ .25	42	37	+ 6	ENE	6	b	3	#	45	34	—			
Christiansund ...	30.19	50	S	1	b	30.32	+ .13	47	41	+ 2	ESE	1	c	3	#	55	45	—			
Skudesnaes ...	30.12	48	Z	0	b	30.08	— .06	46	42	— 2	ENE	2	c	1	#	59	45	—			
Færder (Christiania Fjord)	30.17	46	NNE	4	o	30.09	— .10	40	39	— 1	NNE	4	r	1	#	48	39	0.24			
Skagen (The Seaw)	30.10	45	E	3	b	30.05	— .10	42	41	— 1	E	1	o	0	#	50	41	0.08			
Faro ...	30.01	47	SE	4	o	29.97	— .03	40	39	— 1	SE	2	c	#	#	61	39	—			
Sumburgh Head	29.98	45	E	1	b	29.96	— .08	46	44	+ 5	SE	2	b	3	#	47	40	—			
Stornoway ...	29.84	52	Z	0	b	29.84	— .06	41	41	— 0	N	1	m	2	#	49	55	35			
Wick ...	29.92	43	SE	3	b	29.92	— .07	40	40	— 4	SE	2	f	0	#	51	39	—			
Nairn ...	29.86	47	E	1	b	29.89	— .07	41	41	+ 1	W	1	f	1	#	49	30	—			
Aberdeen ...	29.95	44	E	1	b	29.95	— .06	39	39	— 2	ENE	1	omv	2	#	52	37	0.01			
Leith ...	29.89	50	NE	2	c	29.91	— .04	41	41	— 2	ENE	2	omv	#	#	58	39	—			
Shields ...	29.89	47	E	2	o	29.90	— .07	43	42	— 0	E	1	omv	2	#	52	39	—			
Spurn Head ...	29.87	47	ESE	3	c	29.87	— .09	45	44	— 1	E	3	o	3	#	49	43	0.34			
York ...	29.87	57	ESE	1	c	29.88	— .08	47	46	+ 3	WNW	1	b	#	#	61	41	0.34			
Loughborough ...	29.84	59	SE	2	b	29.87	— .09	43	42	+ 2	NNW	1	bmw	#	#	67	37	—			
BRITISH ISLANDS.																					
Ardrossan ...	29.82	53	NE	2	r	29.87	— .04	43	42	— 4	NE	2	rmv	1	#	63	42	0.18			
Malin Head ...	29.74	55	SSE	3	b	29.82	— .03	50	47	+ 3	SE	1	b	2	#	59	45	—			
Belmullet ...	29.72	50	SW	3	c	29.79	+ .02	48	47	— 1	E	2	c	#	#	56	43	0.07			
Donaghadee ...	29.87	50	SSE	3	m	29.85	— .06	46	44	+ 3	E	3	b	1	#	55	42	0.01			
Liverpool (Bidston)	29.82	53	WSW	2	c	29.83	— .09	48	46	+ 5	SE	3	b	1	#	65	43	0.09			
Holyhead ...	29.82	49	NNW	1	b	29.83	— .07	44	43	— 5	NNW	1	f	0	#	60	40	—			
Parsonstown ...	29.76	52	SE	3	c	29.81	— .01	47	46	— 0	Z	0	or	#	#	2.6	56	45			
Valencia ...	29.68	52	SE	3	b	29.73	— .02	52	50	+ 3	ENE	3	c	3	#	4.9	36	49			
Roche's Point ...	29.75	51	SSE	4	c	29.76	— .04	48	46	— 2	ESE	4	cmv	4	#	54	46	0.01			
Pembroke (St. Ann's Hd.)	29.80	49	Z	0	b	29.78	— .10	49	47	+ 3	E	3	bm	2	#	4.2	49	46			
Scilly ...	29.77	52	SE	4	c	29.70	— .17	53	50	— 0	E	4	cm	5	#	9.5	56	48			
Prawle Point ...	29.81	52	ESE	1	f	29.76	— .16	56	54	+ 5	E	2	m	1	#	58	47	—			
Jersey (St. Aubin's)	29.82	59	NNW	3	b	29.76	— .17	56	50	— 2	E	3	bm	3	#	6.2	51	0.03			
Hurst Castle ...	29.86	55	S	1	b	29.82	— .11	50	48	— 0	NE	1	b	2	#	60	50	—			
Dungeness ...	29.87	51	E	1	b	29.85	— .09	52	49	+ 1	ESE	1	m	1	#	58	44	—			
North Foreland	29.88	49	E	1	b	29.87	— .10	49	47	— 0	E	1	b	1	#	59	44	—			
London (Hepton)	29.86	58	SW	1	b	29.87	— .08	49	45	— 3	SE	1	bm	#	#	6.4	39	—			
Oxford ...	29.86	54	S	1	b	29.86	— .09	46	44	+ 1	NE	1	bm	#	#	65	37	0.34			
Cambridge ...	29.88	53	NE	1	c	29.88	— .09	46	44	— 1	SE	1	b	#	#	68	40	0.21			
Yarmouth ...	29.90	48	SE	2	b	29.88	— .10	45	44	— 1	ESE	2	c	2	#	50	43	—			
GERMANY & HOLLAND.																					
Cuxhaven ...	29.91	50	ENE	4	c	29.91	— .05	43	42	— 1	E	4	b	#	#	53	42	—			
Berlin ...	29.98	44	E	2	o	29.96	— .01	42	40	— 3	NE	3	o	#	#	54	41	—			
Wiesbaden ...	#	#	#	#	#	29.87	— .06	42	39	— 3	NE	1	b	#	#	61	37	—			
Munich ...	29.86	46	SE	2	b	29.88	— .04	41	37	— 0	SW	4	b	#	#	57	32	—			
The Helder ...	29.96	44	NNE	1	f	29.93	— .09	40	40	— 5	N	1	f	1	#	50	39	—			
FRANCE & BELGIUM.																					
Brussels (9 a.m.) ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
Cape Gris Nez ...	29.87	51	E	1	b	29.84	— .13	53	46	+ 1	SE	1	b	0	#	61	46	—			
Paris ...	29.86	59	NE	2	b	29.84	— .14	42	40	— 4	NE	1	b	#	#	68	37	—			
Brest ...	#	50	SE	1	b	#	#	51	49	+ 2	ESE	2	c	3	#	59	48	—			
Lorient ...	29.79	57	E	1	b	29.67	— .27	50	46	+ 2	E	4	c	5	#	64	45	—			
Rochefort ...	29.85	58	NNW	2	b	29.78	— .17	48	46	— 0	SE	3	b	#	#	70	43	—			
Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
Lyons ...	29.82	56	NNW	2	b	29.88	— .04	45	41	— 3	SW	1	b	#	#	67	41	—			
Nice ...	29.85	53	SW	1	b	29.90	+ .01	50	42	— 1	E	1	b	0	#	63	45	—			
Perpignan ...	29.84	55	NE	2	b	29.84	— .06	51	50	— 5	W	2	o	#	#	68	45	—			
Biarritz ...	29.78	57	NNE	3	b	29.76	— .18	56	54	+ 6	W	4	o	4	#	63	50	—			
PENIN- SULA.																					
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
Lisbon ...	29.97	51	W	2	r	30.02	— .00	51	42	— 3	NNW	4	b	#	#	59	48	0.20			
Azores (P. Delgada)	30.32	51	NNW	2	b	30.36	+ .10	52	49	— 0	NNW	3	b	1	#	61	48	—			

Thunderstorms occurred locally over various parts of the Metropolis.

Received too late for insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR

TUESDAY, 3<sup>rd</sup> APRIL, 1894.

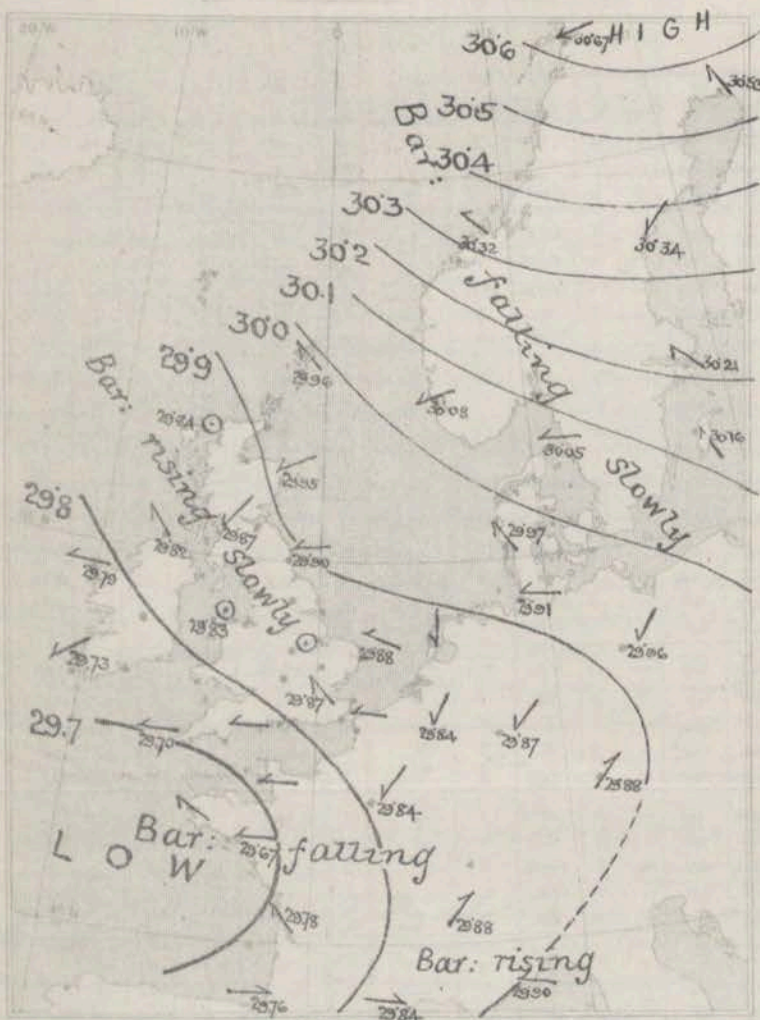
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉  
Force 8 to 10 → : Force 1 to 4 → : }

SEA—Rough ☼ : High ☼



## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus: 0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS	PRESSURE (20 years 1871-90). (Inches.)	TEMPERATURE (20 years 1871-90).				RAINFALL (25 years 1868-90). (Inches.)	BRIGHT SUNSHINE (10 years 1881-90).	
		Daily Mean (° Fahr.)	Max. Mean (° Fahr.)	Daily Maximum (° Fahr.)	Daily Minimum (° Fahr.)		Hours	Per cent. of possible
Samburgh Head	29.840	41.7	40.2	46.0	36.7	2.07	—	—
Stornoway	29.824	41.8	42.2	48.9	37.2	2.65	152.3	20
Wick	29.848	43.1	41.2	48.0	36.0	1.68	—	—
Nairn	29.848	42.7	40.4	50.0	37.3	3.26	—	—
Aberdeen	29.838	43.2	40.7	49.2	38.0	2.16	143.0	34
Leith	29.863	44.1	41.7	52.0	37.9	1.57	—	—
Shields	29.866	43.5	41.4	49.0	38.0	1.80	—	—
Spurn Head	29.803	44.0	42.3	48.4	40.3	1.45	—	—
York	29.875	43.8	41.6	53.5	37.7	1.75	128.6	31
Loughborough	29.879	43.4	42.1	55.1	38.1	1.78	—	—
Androsau	29.837	44.4	42.1	51.5	39.5	2.14	—	—
Dunfermline	29.830	44.6	42.9	51.0	40.0	1.92	—	—
Holyhead	29.857	43.8	43.8	51.4	42.0	1.90	—	—
Liverpool	29.867	45.0	42.1	52.0	40.4	1.33	—	—
Parsloftown	29.864	45.0	42.3	54.6	38.0	2.04	159.9	39
Valencia	29.854	48.2	45.6	53.9	42.8	3.83	160.5	41
St. Peter's Point	29.851	49.8	44.5	53.7	42.1	3.24	—	—
Pembroke	29.862	45.2	43.4	50.4	41.9	1.94	182.0	44
Sally	29.836	48.6	46.6	52.1	44.7	2.27	—	—
Penryn Point	29.856	46.2	44.6	51.9	40.7	2.07	—	—
Jersey	29.872	48.5	45.9	54.2	43.5	2.08	187.6	46
Harbour Castle	29.871	45.6	44.2	52.1	41.0	1.83	—	—
Dover	29.844	46.5	44.0	51.1	41.5	1.77	—	—
LONDON	29.878	46.1	43.2	56.0	39.7	1.84	124.3	30
Oxford	29.884	44.4	42.1	54.0	38.9	1.78	141.2	34
Cambridge	29.880	45.2	43.0	55.8	37.3	1.69	147.8	36
Yarmouth	29.872	44.7	43.0	49.1	39.0	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest (1) 30.6 ins. and more to 30.0 ins. over Scandinavia and the northeastern parts of the North Sea, (2) 30.0 ins. and more to 29.9 ins. over the southern half of the Spanish Peninsula.

Lowest 29.7 ins. and less in a depression over the Bay of Biscay, and about 29.8 ins. in a shallow secondary over western Germany and the east of France.

Gradients slight - mainly favourable for E<sup>4</sup> and SE<sup>4</sup> winds.

Barometer changing very little and irregularly over our Islands, rising over Spain and the south of France.

Highest 56° at Lundy, 56° to 52° along our southern coasts, 52° at Valençay (Ireland).

Lowest 32° to 38° on the Swedish coast, 40° at Faerden and Feni, 39° to 40° in the northeast of Scotland.

The maxima recorded yesterday were as high as 60° to 68° over England, but fell short of 60° at the Irish and Scotch stations. At Rochefort the maximum was 70°, at Paris 68°.

## TEMPERATURE

## WIND

NE<sup>4</sup> to SE<sup>4</sup> and moderate, over Scandinavia; E<sup>4</sup> to SE<sup>4</sup>, and light, over the North Sea and our Islands; very variable over France; apparently W<sup>4</sup> to NW<sup>4</sup> over the Peninsula.

## WEATHER

Fine in most places, but hazy at several stations, dull in the south of France; rain was falling at Bartonstown. Thunder showers occurred yesterday in several localities - at Spurn Head, York, and beyond the fall exceeded 0.5 inch.

## SEA

Rather rough in the extreme southwest (a heavy ground swell from northwest at Scilly). Slight to smooth generally elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance is rather unsettled, and further thunderstorms are likely to occur shortly.

# FORECASTS

For the 24 hours ending at NOON on 4<sup>TH</sup> APRIL 1894.

## DISTRICTS.

## FORECASTS.

- 0 SCOTLAND NORTH
- 1 SCOTLAND EAST
- 2 ENGLAND N.E.
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH

SE<sup>4</sup> and varying airs, fair generally, hazy.

Very variable airs - mainly from SE. or E., hazy, close, possibly slight local thunder showers.

## DISTRICTS.

## FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

Same as Nos 0 to 2.

SE<sup>4</sup> and E<sup>4</sup> winds, fair, hazy or foggy.

## WARNINGS

None Issued.

The South Cone, point downwards (↓) means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is marked in preference to the South Cone.

The North Cone, point upwards (↑) means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is marked in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

YESTERDAY'S 2 P.M. REPORTS.																
	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.	
		Dry.	Wet.							Dry.	Wet.					
Skudesnaes ...	30.13	59	48	SE	2	c	2	Valencia ...	29.69	55	51	SSE	4	c	4	
Sumburgh Head ...	30.02	46	45	E	1	b	3	Scilly ...	29.80	55	53	SE	3	c	3	
Stornoway ...	29.86	55	50	S	3	b	3	Jersey ...	29.89	59	54	ENE	2	bm	2	
Aberdeen ...	29.97	51	47	SE	1	b	1	Hurst Castle ...	29.88	68	54	SSE	1	b	1	
Shields ...	29.92	48	46	E	3	c	2	Dungeness ...	29.91	56	51	E	1	m	1	
Ardrossan ...	29.82	63	55	L	0	b	0	North Foreland	29.93	52	49	E	1	b	#	
Main Head ...	29.77	55	51	SSE	4	bm	3	London (Westminster)	29.89	57	50	NNE	2	cpt	2	
Belmullet ...	29.73	55	51	ESE	3	c	#	Yarmouth ...	29.94	49	47	ESE	1	b	#	
Holyhead ...	29.55	58	51	NNW	1	b	0	Rochefort ...	29.93	66	62	L	0	b	#	

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

*Weather in morning fine over northern Europe, and fair as a whole in most other regions, but not so settled as of late; fog and haze very prevalent in various parts of the British Islands, rain in some parts of Algeria and the south of Italy. Thunder, lightning and rain showers occurring in several parts of our Islands later, and thunder and lightning (especially rain at Rochefort); intervals of bright fine weather in most places.*

*Temperatures fallen over Russia, risen over southeastern Europe, changed little and irregularly elsewhere. Morning readings, highest 61° at Barcelona, 55° to 59° on the southern shores of the Mediterranean, and on the Portuguese coast; 55° to 57° over the southern coasts of England. Lowest 26° at Moscow, 32° at Kharkov, and below 40° over Finland, Russia, Poland and Hungary generally. Rising later to between 60° and 69° at the English and French stations, and to 70° at Rochefort, but falling sharply at night, and frost occurring on the grass over the inland parts of Great Britain.*

*Wind. SE<sup>4</sup> to E<sup>4</sup> in direction and light to moderate in force over the eastern and northern countries. Very variable over the Iberian Peninsula and central Europe; light, but cyclonic over the Mediterranean; NE<sup>4</sup> over Greece and Turkey, NW<sup>4</sup> over Algeria. No general change later, but considerable variations in direction in many localities.*

*Barometer. Highest (1) 30.5 ins. and more to 30.0 ins. in a complex anticyclone covering the whole of northern and eastern Europe, (2) 30.0 ins. and more over Portugal and Spain. Lowest 29.8 ins. and less over the western parts of Ireland, and still lower over the Atlantic, and about 29.9 ins. in a very shallow system over western Germany. Local (shallow) disturbances occurring in many parts of Germany, France and the British Islands later.*

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on

Wednesday, 4<sup>th</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 65, Victoria Street, London. H. H. SCOTT, Secretary.																				
STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.		TEMP.	WIND.		BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	TEMP.			
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)				Weather.	Max.	Min.	Rainfall.
		Inch.	°				Inch.	Inch.	°	°							°	°	Inch.	
SCANDINAVIA.																				
Haparanda ...		30.34	35	S	2	0	30.29	+0.24	34	34	+2	SW	2	0	#	0	#	37	25	-
Hernösand ...		30.26	34	Z	0	1	30.24	+0.10	34	34	+4	Z	0	0	#	1	#	39	32	-
Stockholm ...		30.20	37	EHE	2	1	30.23	+0.02	36	36	-1	Z	0	0	#	1	#	41	36	0.12
Wisby ...		30.17	38	SSE	5	1	30.25	+0.04	38	36	-2	WNW	4	0	#	1	#	48	36	0.08
Bodo ...		30.12	44	EHE	2	0	30.12	+0.55	43	39	+1	E	2	0	#	0	#	45	34	-
Christiansund ...		30.06	48	HNW	1	C	30.13	+0.19	46	42	-1	Z	0	0	3	C	#	54	45	-
Skudesnaes ...		30.12	43	NSW	1	bc	30.21	+0.13	43	42	-3	Z	0	0	1	C, bc	#	48	41	-
Færder (Christiania Fjord)		30.08	41	HE	3	0	30.18	+0.09	40	39	0	EHE	3	0	1	0	#	41	39	0.12
Skagen (The Scaw)		30.09	41	Z	0	C	30.17	+0.12	42	41	0	SW	1	0	0	C	#	45	39	0.04
Faro ...		30.00	45	EHE	2	0	30.05	+0.08	43	42	+3	EHE	1	C	#	0	#	52	40	-
Sumburgh Head		29.98	45	SE	1	C	30.11	+0.15	43	41	-3	SSE	1	0	3	b, c	#	50	41	-
Stornoway ...		29.85	54	S	1	b	30.02	+0.18	46	45	+5	Z	0	m	2	b	#	54	35	-
Wick ...		29.95	44	SE	2	0	30.06	+0.14	44	43	+4	SE	3	0	2	0	#	46	39	-
Nairn ...		29.90	44	Z	0	m	30.05	+0.16	40	40	-1	Z	0	f	1	m	#	44	39	-
Aberdeen ...		29.96	42	SE	1	0	30.12	+0.17	43	41	+4	SSE	1	0	1	0	#	44	39	-
Leith ...		29.95	42	EHE	2	0	30.09	+0.18	42	41	+1	EHE	2	om	#	0	#	43	40	0.01
Shields ...		29.94	43	E	2	0	30.10	+0.20	42	42	-1	E	1	0	2	0, d	#	44	39	-
Spurn Head ...		29.90	43	E	3	f	30.08	+0.21	43	42	-2	SE	3	0	3	bc, fr	#	48	40	0.06
York ...		29.84	53	E	1	0	30.11	+0.23	43	42	-4	E	1	0	#	0	#	60	41	0.02
Loughborough ...		29.86	53	E	1	C	30.09	+0.22	44	42	+1	NE	1	cmw	#	C	#	66	40	-
BRITISH ISLANDS.																				
Ardrossan ...		29.88	49	HE	2	cm	30.08	+0.21	43	42	0	HE	1	om	0	om	#	51	40	0.01
Malin Head ...		29.84	50	E	1	bm	30.03	+0.21	48	47	-2	SE	1	om	1	0, bm	#	51	46	-
Belmullet ...		29.86	51	H	2	b	30.03	+0.24	48	47	0	H	1	b	#	bc, b	#	58	47	0.01
Donaghadee ...		29.89	47	EHE	4	C	30.07	+0.21	46	46	0	HE	2	f	0	C	#	54	45	0.23
Liverpool (Bidston)		29.85	52	ESE	2	bc	30.04	+0.21	49	46	+1	ESE	3	C	2	bc	#	63	45	-
Holyhead ...		29.86	48	HE	1	bf	30.02	+0.19	51	48	+4	Z	0	f	0	b, bf	#	58	43	-
Parsonstown ...		29.84	55	SE	1	0	30.05	+0.24	43	42	-4	Z	0	#	#	C, or	#	64	40	0.24
Valencia ...		29.82	54	Z	0	cm	30.02	+0.29	54	51	+2	Z	0	bcm	1	cm	#	3.2	64	46
Roche's Point ...		29.81	54	ESE	4	b	30.03	+0.27	54	50	+6	HE	1	b	2	b	#	58	45	-
Pembroke (St. Ann's Hd.)		29.83	56	E	3	b	30.00	+0.22	49	47	0	E	2	bm	2	b	#	10.0	59	45
Scilly ...		29.73	54	E	4	C	29.98	+0.28	54	52	+1	SE	3	cm	4	C	#	10.0	57	47
Prawle Point ...		29.76	58	E	4	b	30.00	+0.24	48	48	-8	WNW	2	0	1	bm	#	60	45	-
Jersey (St. Aubin's)		29.78	59	SSW	3	cgpm	30.02	+0.26	50	48	-6	W	3	b	3	b, gpm	#	67	46	0.05
Hurst Castle ...		29.83	54	S	1	b	30.02	+0.20	50	48	0	ESE	2	m	3	b	#	63	50	-
Dunoon ...		29.85	52	E	3	b	30.00	+0.15	45	44	-4	E	4	f	3	mb	#	58	42	-
North Foreland		29.89	45	E	4	f	30.07	+0.20	44	43	-5	E	3	f	3	b, f	#	54	40	-
London (Beltois) ...		29.87	59	ESE	2	bm	30.07	+0.20	43	41	-6	E	2	ogm	#	bc, b, bf	#	66	41	-
Oxford ...		29.89	55	Z	0	b	30.08	+0.22	38	38	-8	HE	3	0	#	bc, b	#	65	37	-
Cambridge ...		29.87	55	ESE	1	bc	30.10	+0.22	40	40	-6	EHE	1	m	#	bc	#	64	37	-
Yarmouth ...		29.91	43	ESE	2	cf	30.08	+0.20	42	41	-3	HE	1	cm	2	C, cf	#	46	38	-
GERMANY & HOLLAND.																				
Cuxhaven ...		29.95	45	ESE	2	bc	30.04	+0.16	44	43	+1	E	2	C	#	bc	#	49	43	-
Berlin ...		30.02	45	Z	0	C	30.12	+0.16	44	41	+2	HE	1	b	#	C	#	50	41	-
Wiesbaden ...		#	#	#	#	#	30.06	+0.19	45	41	+3	WNW	1	b	#	#	#	63	39	-
Munich ...		29.93	47	Z	0	b	30.10	+0.22	44	41	+3	SW	2	bc	#	b	#	59	37	-
The Helder ...		29.98	46	HE	2	b	30.11	+0.18	45	44	+5	WNW	1	b	1	b	#	50	39	-
FRANCE & BELGIUM.																				
Brussels (G.A.M.) ...		#	#	#	#	#	30.06	#	50	45	#	EHE	1	b	#	b	#	61	37	-
Cape Gris Nez ...		29.85	52	E	1	m	29.99	+0.15	43	42	-10	E	2	f	2	m	#	57	41	-
Paris ...		29.81	62	E	1	b	30.00	+0.16	49	46	+4	Z	0	C	#	b	#	70	42	-
Brest ...		#	49	W	3	C	#	#	46	46	-5	E	1	b	4	C	#	59	43	0.08
Lorient ...		29.80	49	W	5	C	30.00	+0.33	47	45	-3	E	3	bc	5	C	#	59	43	0.08
Rochefort ...		29.86	58	SW	4	C	29.99	+0.21	53	53	+5	EHE	2	f	#	0, C	#	57	?	-
Belfort ...		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Lyons ...		29.84	60	S	2	b	30.05	+0.17	50	45	+5	S	1	b	0	b	#	69	42	-
Nice ...		29.93	52	W	1	b	30.04	+0.14	54	44	+4	E	1	b	0	b	#	64	46	-
Perpignan ...		29.86	55	HE	2	bc	29.98	+0.14	55	53	+4	HE	2	0	#	bc	#	61	48	-
Biarritz ...		29.87	55	H	2	C	29.91	+0.15	48	46	-8	E	3	0	5	C	#	59	43	-
PENINSULA.																				
Corunna ...		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Lisbon ...		29.98	60	WSW	3	bc	29.84	+0.18	49	48	-2	SSW	3	f	#	bc	#	57	48	0.20
Azores (P. Delgada)		30.36	55	WNW	1	0	30.32	+0.04	55	51	+3	HW	3	0	0	#	#	59	52	-

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR WEDNESDAY, 4<sup>TH</sup> APRIL, 1894.

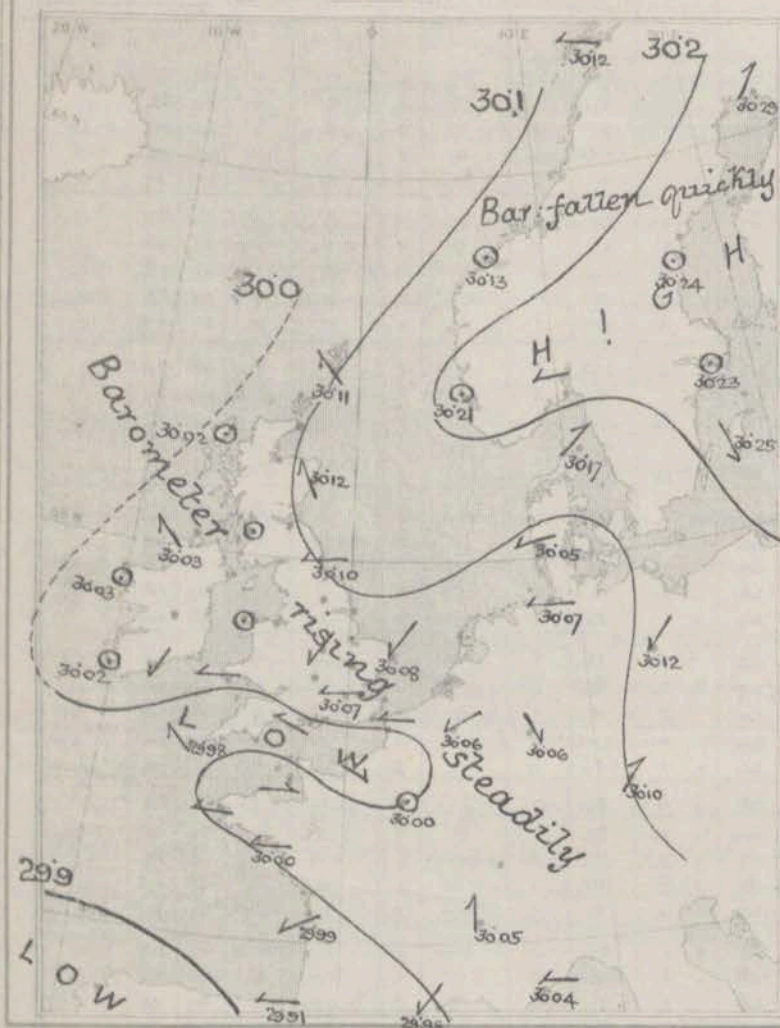
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10, ; Force 5 to 7, ; Force 3 to 4, ; Calm

SEA—Rough ; High

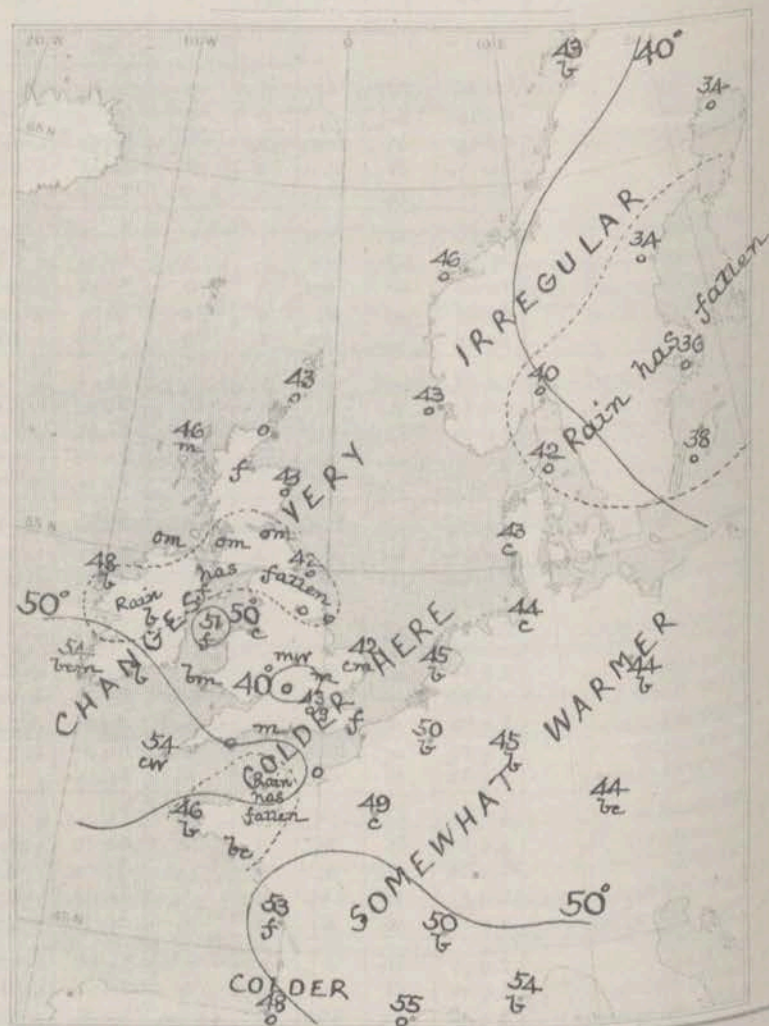


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871-90). (Inches.)	TEMPERATURE. (20 years 1871-90).				RAINFALL. (25 years 1869-93). (Inches.)	BRIGHT SUNSHINE (10 years 1881-90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possibility.
Southern Head	29.840	41.7	40.2	46.0	36.7	2.07	—	36
Stornoway	29.824	43.8	42.3	48.9	37.2	2.65	152.3	—
Wick	29.818	43.1	41.2	48.9	36.9	1.68	—	—
Nairn	29.818	42.7	40.4	50.9	37.3	1.26	—	24
Aberdeen	29.808	43.2	40.7	49.3	38.0	2.16	143.0	—
Leith	29.803	44.1	41.7	52.0	37.9	1.57	—	—
Shields	29.803	43.5	41.4	49.9	38.6	1.80	—	—
Spurn Head	29.803	44.0	42.3	48.4	40.3	1.45	—	—
Yarm	29.803	43.8	41.6	53.5	37.7	1.75	128.6	31
Loughborough	29.803	44.4	42.1	53.1	38.1	1.78	—	—
Arbroath	29.803	44.4	42.1	51.5	39.5	2.14	—	—
Donaghadee	29.803	44.6	42.9	51.0	40.0	1.92	—	—
Holyhead	29.803	43.8	43.8	51.4	42.0	1.90	—	—
Liverpool	29.803	43.0	42.1	52.6	40.4	1.55	—	39
Parsipatown	29.804	43.0	42.5	54.6	38.0	2.04	150.9	41
Valencia	29.854	48.2	45.0	53.9	42.8	3.83	169.5	—
Buck's Point	29.851	46.8	44.5	53.7	42.1	3.24	—	14
Pembroke	29.852	45.2	43.4	59.4	41.9	1.34	182.9	—
Sally	29.850	48.6	46.6	52.1	44.7	2.25	—	—
Prawle Point	29.850	46.2	44.6	51.0	40.7	2.05	—	46
Arcey	29.872	48.5	45.0	54.2	43.5	2.08	187.6	—
Hurst Castle	29.871	45.5	44.2	52.1	41.9	1.93	—	—
Beve	29.864	46.3	44.0	51.1	41.5	1.77	—	30
LONDON	29.878	46.1	43.2	56.0	39.7	1.44	121.3	74
Oxford	29.884	44.4	42.1	54.0	38.9	1.78	141.2	26
Cambridge	29.890	43.2	43.0	55.8	37.3	1.69	147.8	—
Yarmouth	29.872	44.7	43.0	49.4	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.2 in: and more to 30.0 in: over Sweden, Norway, Germany, the North Sea, and the greater part of our Islands.  
 Lowest, 29.9 in: and less, over the Iberian Peninsula, and below 30.0 in: in a local disturbance over the English Channel.  
 Gradients slight—mainly favourable for E<sup>ly</sup> winds in our Islands and W<sup>ly</sup> in the north of France.  
 Barometer rising over the greater part of our area, but falling over Spain.

## TEMPERATURE

Highest, 54° to 55° in the south of France, 52° to 54° on our extreme southwestern coasts.  
 Lowest, 34° to 38° at the Swedish stations, 42° to 43° on our northeast coasts, 38° at Oxford.  
 The maxima recorded over England yesterday ranged between 60° and 69°; that at Paris was 70°.

## WIND

Very light generally—E<sup>ly</sup> over England and the Bay of Biscay, W<sup>ly</sup> over the Channel Islands and north of France, calm over Ireland and the greater part of Scandinavia.

## WEATHER

Fine and bright over Ireland, dull over Great Britain, with fog or haze in many localities; raining at Lisbon.  
 Some rain has fallen in several parts of Brittany, the Channel Islands, Ireland, and the north of England, as well as in Denmark and Sweden.

## SEA

Moderate to rather rough off Scilly and Ushant, and at Biarritz, slight or smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in pressure are very fitful; the local disturbances noticed yesterday seem to be filling up as they approach our southern districts.

# FORECASTS

For the 24 hours ending at NOON on 5<sup>th</sup> APRIL, 1894.

## DISTRICTS.

## FORECASTS.

- |   |                  |  |
|---|------------------|--|
| 1 | SCOTLAND NORTH   | } SE <sup>ly</sup> winds, light or moderate; fine.                   |
| 1 | SCOTLAND EAST    |  |
| 2 | ENGLAND N.E.     | } E <sup>ly</sup> winds, light or moderate; fair, hazy, rather cold. |
| 3 | ENGLAND EAST     |  |
| 4 | MIDLAND COUNTIES |  |
| 5 | ENGLAND SOUTH    | E <sup>ly</sup> and Varying winds; fair generally, cold tonight.     |

## DISTRICTS.

## FORECASTS.

- |          |               |  |
|----------|---------------|--|
| 6        | SCOTLAND WEST | } SE <sup>ly</sup> airs and Calms, hazy or foggy.            |
| 7        | ENGLAND N.W.  |  |
| 8        | ENGLAND S.W.  | Same as No 5.  |
| 9        | IRELAND NORTH | } Calms and SE <sup>ly</sup> breezes; hazy or foggy to fair. |
| 10       | IRELAND SOUTH |  |
| WARNINGS |               | None issued.   |

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E. the North Cone is hoisted in preference to the South Cone.  
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W. the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.07	46	43	WNW	2	c	2	Valencia ...	29.78	57	55	SEW	1	cm	2
Sumburgh Head	29.97	48	47	SE	2	b	3	Scilly ...	29.70	56	57	ESE	5	c	5
Stornoway ...	29.85	53	49	W	0	b	2	Jersey ...	29.74	67	56	ESE	3	b	3
Aberdeen ...	29.95	43	42	SE	1	0	1	Hurst Castle ...	29.89	63	54	SE	1	b	1
Shields ...	29.93	43	42	E	2	0	2	Dungeness ...	29.85	55	50	E	3	m	2
Ardrossan ...	29.87	49	48	NE	2	om	1	North Foreland	29.87	53	49	ESE	1	b	#
Malin Head ...	29.85	49	48	E	2	0	2	London (Westminster)	29.84	64	53	SE	2	bc	2
Belmullet ...	29.84	57	52	AW	1	bc	#	Yarmouth ...	29.90	44	43	E	3	c	2
Holyhead ...	29.84	57	50	NHE	3	b	1	Rocheport ...	29.81	55	51	WNW	4	0	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over northern Europe and in many other parts of the Continent and the United Kingdom, but variable locally, fog or haze very prevalent over the United Kingdom and in the south of Russia; rain falling on the shores of the Baltic; over central Ireland, as well as at Malta and Athens.

Temperature risen somewhat over Russia, changed little and irregularly elsewhere. Morning readings highest 65° at Barcelona, 58° at Algiers, 50° to 57° on most of the shores of the Mediterranean, and above 50° on the Atlantic coast of Europe and the British Islands. Lowest (1) 17° at Archangel, 31° at Moscow, 32° at Haparanda, 35° at Kiev; (2) 39° to 41° along the northeast and east coasts of Scotland. Rising later to between 60° and 69° over England and France, and to 70° at Paris.

Wind very light as a whole — SE<sup>3</sup> to E<sup>2</sup> over all the eastern, northern and northwestern countries; variable, but in many places SW<sup>3</sup> to NW<sup>2</sup> in the south of Europe; NE<sup>2</sup>, fresh, at Malta, NW<sup>2</sup> at Genoa. The W<sup>2</sup> wind in the south tending to spread northwards later, but showing very little energy.

Barometer highest 30.9 ins: over the northeast of Russia, and exceeding 30.0 ins: over all the northern and eastern parts of the Continent, as well as over the south of Spain and Algeria. Lowest 29.6 ins: and less, in a depression to the southeastward of Malta; 29.7 ins: and less, in another over the Bay of Biscay, and about 29.8 ins: in a shallow secondary over eastern France and eastern Germany. Last named systems moving northwards later, but subsequently beginning to fill up.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.  
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on Thursday 5<sup>th</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																					
STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Max.				Min.		
		Inch.	°				Inch.	Inch.	°	°	°						°	°	Inch.		
SCANDINAVIA.																					
Haparanda ...	30.29	33	Z	0	f	30.28	- .01	33	33	- 1	Z	0	f	#	f	#	36	32	-		
Hernösand ...	30.26	33	Z	0	o	30.31	+ .07	36	34	+ 2	Z	0	bc	#	o	#	41	32	-		
Stockholm ...	30.31	37	Z	0	c	30.36	+ .13	38	36	+ 2	Z	0	b	#	c	#	39	34	-		
Wisby ...	30.29	38	N	4	o	30.35	+ .10	36	35	- 2	NE	4	f	#	o	#	45	34	-		
Bodo ...	30.25	46	Z	0	c	30.23	+ .11	40	38	- 3	?	2	o	1	c	#	48	36	-		
CHRISTIANIA.																					
Christiansund ...	30.26	44	WSW	4	c	30.29	+ .26	44	42	- 2	WSW	3	o	3	c	#	48	43	-		
Skudenes ...	30.30	44	NW	1	c	30.29	+ .18	45	43	+ 2	NE	2	o	1	c	#	46	41	-		
Færder (Christiania Fjord)	30.28	41	Z	0	b	30.38	+ .20	41	40	+ 1	Z	0	o	0	b	#	41	39	-		
Skagen (The Skaw)	30.29	41	SW	1	o	30.38	+ .21	42	41	0	S	1	o	0	o	#	43	39	-		
Faro ...	30.25	44	Z	0	o	30.22	+ .27	42	41	- 1	SE	1	o	#	o	#	46	41	-		
NORTH BRITAIN.																					
Sumburgh Head	30.19	43	SSE	1	o	30.20	+ .19	43	42	0	S	2	o	3	o	#	44	41	-		
Stornoway ...	30.09	51	Z	0	m	30.21	+ .19	41	41	- 5	Z	0	f	2	c.m	#	5.8	32	-		
Wick ...	30.14	43	SE	3	bc	30.27	+ .21	43	41	- 1	SE	3	o	2	bc	#	48	41	-		
Nairn ...	30.13	43	Z	0	f	30.25	+ .20	38	38	- 2	Z	0	f	1	f	#	45	31	-		
Aberdeen ...	30.19	43	SSE	3	o	30.31	+ .19	43	42	0	S	1	c.m	1	o	#	45	42	-		
SOUTH BRITAIN.																					
Leith ...	30.17	43	E	2	o	30.27	+ .18	44	44	+ 2	ENE	2	om	#	o	#	46	41	-		
Shields ...	30.17	44	E	1	o	30.29	+ .19	44	43	+ 2	ESE	3	c	3	c.o	#	47	38	-		
Spurn Head ...	30.15	44	E	2	c	30.24	+ .16	45	44	+ 2	ENE	4	b	3	c.g	#	47	42	-		
York ...	30.18	50	E	1	c	30.27	+ .16	45	43	+ 2	E	1	b	#	c	#	54	41	-		
Loughborough ...	30.11	60	ESE	1	b	30.23	+ .14	44	43	0	ENE	2	c.m	#	b	#	65	37	-		
IRISH ISLANDS.																					
Ardrossan ...	30.02	49	NE	1	c.m	30.24	+ .16	45	44	+ 2	NE	3	om	1	c.m	#	52	42	-		
Malin Head ...	30.11	50	E	2	om	30.18	+ .15	47	45	- 1	SE	2	bc	1	om	#	53	46	-		
Belmullet ...	30.12	53	N	2	b	30.15	+ .12	53	49	+ 5	ENE	1	b	#	bc.b	#	59	42	-		
Donaghadee ...	30.15	50	N	3	m	30.24	+ .17	47	46	+ 1	NNE	3	m	1	m	#	54	45	0.01		
Liverpool (Bidston)	30.11	55	Z	0	b	30.22	+ .18	48	44	- 1	ESE	2	b	1	b	#	62	43	-		
SCOTLAND.																					
Holyhead ...	30.10	51	NNE	1	bf	30.16	+ .14	48	47	- 3	E	1	f	0	b	#	50	43	-		
Parsonstown ...	30.14	61	SE	1	b	30.16	+ .11	47	41	+ 4	Z	0	b	#	b	#	9.5	37	-		
Valencia ...	30.10	60	ESE	1	bc.m	30.10	+ .08	54	51	0	Z	0	bm	1	bc.m	#	8.5	64	45		
Roche's Point ...	30.10	54	ESE	2	b	30.12	+ .09	51	49	- 3	ESE	4	om	3	b.b	#	56	44	-		
Pembroke (St. Ann's Hd.)	30.09	55	ESE	1	b	30.14	+ .14	50	48	+ 1	E	2	om	1	b	#	10.5	56	48		
IRELAND.																					
Scilly ...	30.06	52	N	1	bc	30.02	+ .04	49	48	- 5	NNE	4	o	4	o.b	#	57	47	-		
Prawle Point ...	30.07	49	ENE	1	o	30.04	+ .04	49	48	+ 1	E	5	o	3	o.g.p	#	57	45	0.02		
Jersey (St. Aubin's)	30.05	53	NNW	3	b	30.00	- .02	51	48	+ 1	NE	5	og.m	4	a.b.g	#	55	49	0.01		
Hurst Castle ...	30.08	53	ESE	1	bc	30.11	+ .09	49	46	- 1	ENE	2	b	2	o.b	#	57	49	-		
Dungess ...	30.09	49	E	4	bc	30.11	+ .11	50	48	+ 5	ENE	4	bc	3	c.b	#	50	43	-		
ENGLAND.																					
North Foreland	30.10	46	NE	2	bc	30.16	+ .09	48	47	+ 4	NE	4	bc	3	f.b	#	45	42	-		
London (Belton) ...	30.12	54	ESE	2	bm	30.17	+ .10	48	42	0	E	2	om	#	bc.bm	#	5.0	61	39		
Oxford ...	30.13	51	E	1	b	30.19	+ .11	42	41	+ 4	NE	2	b	#	bm	#	62	38	-		
Cambridge ...	30.12	57	NNE	1	b	30.21	+ .11	43	43	+ 3	N	1	b	#	b	#	8.3	64	36		
Yarmouth ...	30.12	46	NE	3	b	30.19	+ .11	45	44	+ 3	NE	4	b	4	b	#	48	40	-		
GERMANY & HOLLAND.																					
Cuxhaven ...	30.14	50	ENE	4	c	30.25	+ .18	44	43	0	E	3	b	#	c	#	51	43	-		
Berlin ...	30.17	50	NE	3	b	30.26	+ .14	41	39	- 3	NE	2	bc	#	b	#	55	37	-		
Wiesbaden ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
Munich ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
The Helder ...	30.12	48	SE	1	b	30.17	+ .07	41	39	- 3	E	2	b	#	b	#	63	32	-		
#	30.20	48	NE	2	b	30.26	+ .15	47	46	+ 2	ENE	4	b	3	b	#	52	45	-		
FRANCE & BELGIUM.																					
Brussels (9 a.m.) ...	#	#	#	#	#	30.13	+ .07	45	43	- 5	ENE	2	b	#	c	#	62	39	-		
Cape Gris Nez ...	30.06	48	E	4	bc	30.08	+ .09	46	46	+ 3	E	3	f	2	bc	#	52	41	-		
Paris ...	30.00	63	SSE	1	c	30.04	+ .04	50	47	+ 1	NNE	1	c	#	o	#	70	48	-		
Brest ...	?	54	NNE	2	b	?	?	48	47	+ 2	NE	2	o	2	b	#	61	41	-		
Lorient ...	30.02	53	W	3	c	29.95	- .05	48	47	+ 1	NE	4	o	4	c	#	63	43	-		
SPAIN.																					
Rochefort ...	29.98	58	NNE	3	c	29.96	- .03	52	51	- 1	E	1	c	#	c	#	61	43	0.16		
Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
Lyons ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
Nice ...	30.01	60	SE	1	b	30.09	+ .04	48	47	- 2	SW	1	bc	#	b	#	68	45	-		
Perpignan ...	30.06	53	WSW	2	b	30.08	+ .04	57	47	+ 3	Z	0	b	#	b	#	64	48	-		
Biarritz ...	29.97	57	SE	2	c	30.01	+ .03	55	?	0	SE	3	o	#	c	#	67	54	-		
#	29.89	55	ENE	2	o	29.89	- .02	50	49	+ 2	E	2	r	3	o	#	57	48	0.28		
PORTUGAL.																					
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
Lisbon ...	29.72	50	ESE	3	r	29.63	- .21	48	47	- 1	ENE	4	r	#	r	#	52	48	1.38		
Azores (P. Delgada)	30.23	55	W	1	o	30.02	- .30	57	56	+ 2	SW	4	o	3	o	#	59	55	-		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR

THURSDAY, 5<sup>TH</sup> APRIL, 1894.

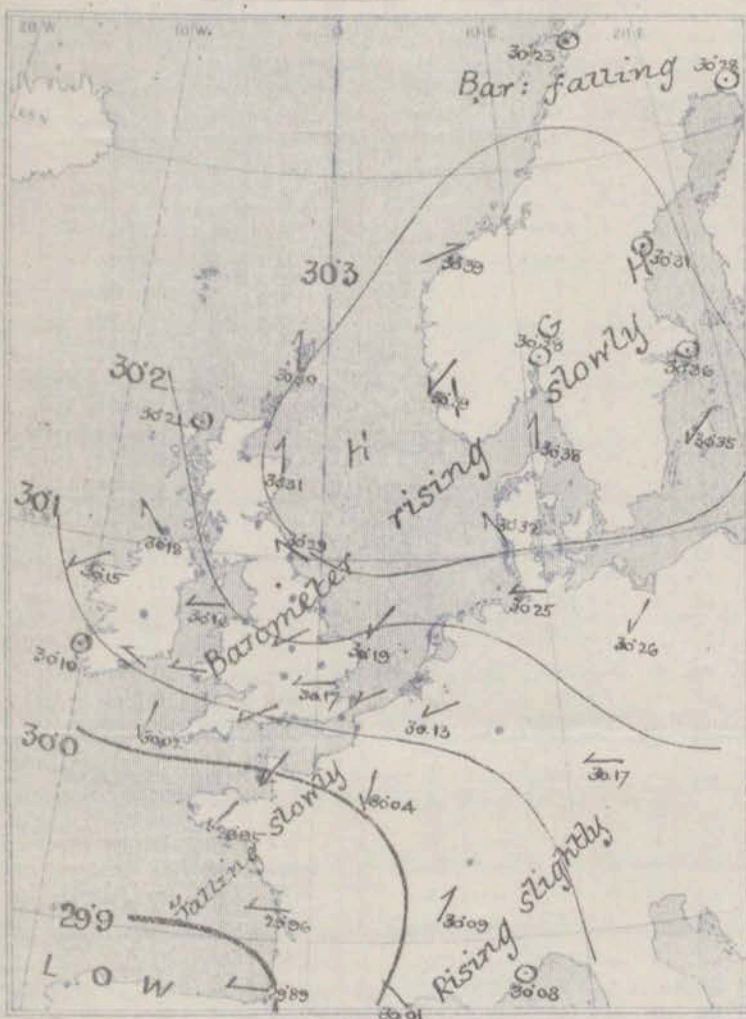
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → → → → → Force 5 to 7 → → → → → Force 3 to 4 → → → → → Force 1 to 2 → → → → → Calm ☉

SEA—Rough ■■■ High ■■■

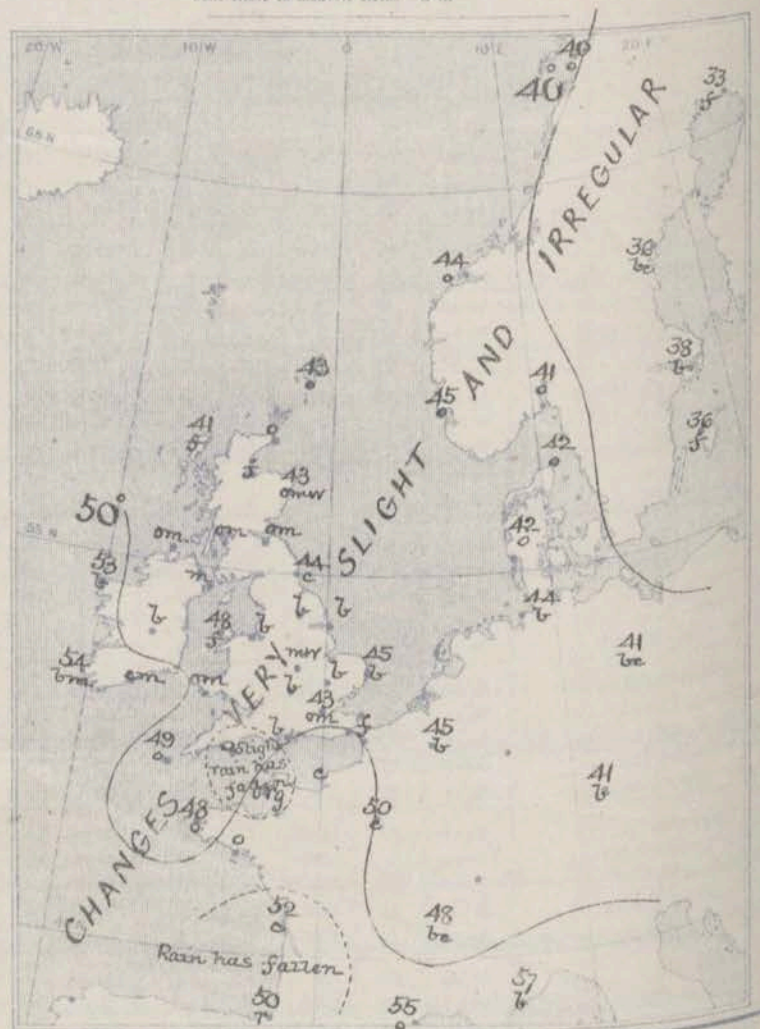


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871-90). (Inches.)	TEMPERATURE. (20 years 1871-90).				RAINFALL. (25 years 1860-90). (Inches.)	BRIGHT SUNSHINE (10 years 1881-90).	
		Dr. Bulb 8 a.m.	Wet Bulb 9 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Sunderland Head	29.840	41.7	40.2	46.0	36.7	2.07	—	36
Scarborough	29.824	43.8	42.3	48.9	37.2	2.65	132.4	—
Wick	29.848	43.1	41.2	48.9	36.9	1.68	—	—
Nairn	29.848	42.7	40.7	49.9	37.3	1.23	—	34
Aberdeen	29.858	43.2	40.7	49.3	38.0	2.10	143.0	—
Leith	29.863	44.1	41.7	52.0	37.9	1.37	—	—
Shields	29.866	43.5	41.4	49.0	38.6	1.80	—	—
Spain Head	29.863	44.0	42.3	48.4	39.3	1.45	—	31
York	29.875	43.8	41.6	53.5	37.7	1.75	128.0	—
Loughborough	29.879	44.4	42.1	55.1	38.1	1.78	—	—
Arbroath	29.887	44.4	42.1	51.5	39.5	2.14	—	—
Dundee	29.899	44.6	42.9	51.0	40.0	1.92	—	—
Holyhead	29.897	45.8	43.8	51.4	42.0	1.90	—	—
Liverpool	29.897	45.0	42.5	52.6	40.4	1.35	—	30
Cardiff	29.844	45.0	42.5	54.6	38.0	2.04	159.9	41
Valencia	29.854	48.2	45.6	53.9	42.8	3.83	169.5	—
Bay of Biscay	29.851	46.8	44.5	53.7	42.1	3.24	—	44
Bombay	29.822	45.2	43.4	50.4	41.9	1.91	182.9	—
Sally	29.856	48.6	46.0	52.1	44.7	2.57	—	—
Princes Point	29.876	46.2	44.0	51.9	40.7	2.07	—	46
Jersey	29.872	48.5	45.9	54.2	43.5	2.08	187.6	—
Hurd Castle	29.871	45.5	44.2	52.1	41.0	1.83	—	—
Dover	29.864	46.3	44.0	51.1	41.5	1.77	—	39
LONDON	29.878	46.1	43.2	50.0	39.7	1.84	121.3	34
Oxford	29.884	44.4	42.1	54.0	38.9	1.78	141.2	30
Cambridge	29.890	45.2	43.0	55.8	37.3	1.69	147.8	—
Yarmouth	29.872	44.7	43.0	49.1	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest 30.3 in. and upwards over Scandinavia, Denmark and the North Sea.  
Lowest 29.7 in. and less in a depression over the south of Portugal.  
Gradients slight. Barometer rising generally, but falling slightly in the S.W. of England and W. of France.

## TEMPERATURE

Highest 57° at Nice, 55° at Perpignan, 54° at Valencia (Ireland), 53° at Belmullet, and 52° at Rochepot.  
Lowest 33° at Haparanda, 36° at Helsingfors and Utsjok, 38° at Stockholm and Nain, and 40° at Rode.  
The highest maxima registered over our Islands yesterday were 65° at Loughborough, and 64° at Parnassus, Valencia and in London; on the east coast of St. Britain the thermometer did not reach 50°.

## WIND

Light to moderate from the E<sup>nd</sup> or NE<sup>nd</sup> over England, Ireland, France, Germany and the Netherlands.  
Light from the S<sup>nd</sup> or SE<sup>nd</sup> in the north and east of Scotland; calm or variable at the Scandinavian stations.

## WEATHER

Fair or fine over the greater part of western Europe, but foggy or hazy at several of our own stations. A solar halo was reported at Oxford.  
Dull in the south-west of England and the west of France, with rain at Jersey & Biarritz, as well as at Lisbon.  
Thunder was heard yesterday at Loch's Pt. and heavy rain fell at Lisbon. A fine perihelion was seen in London at 5 p.m.

## SEA

Slight or smooth on nearly all coasts.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change in the weather.

# FORECASTS

For the 24 hours ending at NOON on 6<sup>TH</sup> APRIL 1894.

## DISTRICTS.

## FORECASTS.

1	SCOTLAND NORTH	} S <sup>W</sup> and SE <sup>W</sup> winds, light, fair generally, but with some fog or mist.
2	SCOTLAND EAST	
3	ENGLAND N.E.	} Same as No. 5.
4	ENGLAND EAST	
5	MIDLAND COUNTIES	
6	ENGLAND SOUTH	E <sup>W</sup> and NE <sup>W</sup> winds light or moderate, fine generally, but misty or foggy at night.

## DISTRICTS.

## FORECASTS.

6	SCOTLAND WEST	} Same as No. 5.
7	ENGLAND N.W.	
8	ENGLAND S.W.	E <sup>W</sup> winds, moderate or fresh, dull, rain locally.
9	IRELAND NORTH	} E <sup>W</sup> winds, light or moderate, fair generally.
10	IRELAND SOUTH	

## WARNINGS

None Issued.

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.  
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.25	46	45	WNW	1	c	1	Valencia ...	30.06	60	55	N	2	bcw	2
Sumburgh Head ...	30.15	44	42	SSE	2	o	3	Scilly ...	30.06	50	54	SSE	1	o	4
Stornoway ...	30.05	54	51	S	3	c	3	Jersey ...	30.05	55	51	WNW	3	c	3
Aberdeen ...	30.17	45	42	SSE	2	o	1	Hurst Castle ...	30.07	55	52	E	3	o	2
Shields ...	30.15	45	43	E	2	c	2	Dungeness ...	30.07	50	47	E	5	c	4
Ardrossan ...	30.12	52	49	NE	1	c	0	North Foreland ...	30.12	46	44	ENE	2	bc	2
Malin Head ...	30.09	51	49	E	2	o	1	London (Westminster) ...	30.09	58	51	SE	2	bc	2
Belmullet ...	30.10	59	54	NNW	1	bc	#	Yarmouth ...	30.11	48	46	NE	2	b	#
Holyhead ...	30.09	55	50	NW	1	b	0	Rocheport ...	30.08	58	55	N	2	bc	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

*Weather in morning fine in the west and south of Ireland, but foggy or misty in most other parts of the United Kingdom, as well as in the west of France. Fine and bright over the Netherlands, Germany, Italy and the greater part of France; cloudy or overcast in most other European countries, with rain at Madrid and Lisbon. Fog clearing later in many parts of the United Kingdom, but slight local showers falling in the southwest of England. Decided amounts of rain in the west of France, and a heavy fall at Lisbon. Thunder heard at Rock's Point in afternoon, and a fine perihelion seen in London.*

*Temperature changed very irregularly. Morning readings highest 61° at Palma, 60° at Trieste and Algiers, 59° at Spas, and 58° at Oran; above 55° at several of the Mediterranean stations, and very little below it in the extreme southwest of our Islands. Lowest 30° at Moscow, 33° at Archangel, and 34° at Haparanda and Hernösand; below 40° over Sweden and Russia generally, as well as in some parts of Germany and central England. Rising during day to between 60° and 65° in several parts of England and Ireland, exceeding 65° at many of the French stations, and reaching 70° at Paris.*

*Wind light from the E<sup>nd</sup> over the greater part of England, Ireland, France, the Netherlands and north Germany, but W<sup>ly</sup> over the central parts of the English Channel. Light from the SE<sup>nd</sup> in the north and east of Scotland, and also over northern and central Russia; calm or variable in Scandinavia. Variable in Austria and Italy; SE<sup>ly</sup> or S<sup>ly</sup> over the Spanish Peninsula. No important change occurring later, but W<sup>ly</sup> winds disappearing from the Channel stations.*

*Barometer highest 30.6 ins. and upwards over central Russia, 30.1 ins. and upwards over the whole of northern, eastern and central Europe. Lowest 29.9 ins. and less in a shallow depression lying off the Portuguese coasts, and also (apparently) in another system over Greece and Asia Minor, 30.0 ins. and less in an exceedingly shallow system in the Channel and north of France. Last mentioned depression filling up later, barometer rising slowly in all parts of western Europe.*

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on

Friday, 6<sup>th</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			
	At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.				Min.	Rainfall.		
	Inch.	°				Inch.	Inch.	°	°	°						°	°	Inch.			
SCANDINAVIA.																					
Haparanda ...	30.39	30	SW	2	f	30.49	+ .21	31	31	- 2	SW	2	f	#	f	#	34	30	-		
Hernösand ...	30.43	34	SW	0	c	30.50	+ .19	38	37	+ 2	SW	0	f	#	f	#	48	32	-		
Stockholm ...	30.44	43	SW	0	o	30.51	+ .15	32	?	- 6	NE	2	f	#	o	#	46	30	-		
Wishy ...	30.43	39	NE	4	b	30.44	+ .09	38	37	+ 2	E	4	c	#	b	#	43	30	-		
Bodo ...	30.31	44	S	4	r	30.43	+ .20	42	41	+ 2	SW	2	r	1	r	#	45	37	0.24		
Christiansund ...	30.49	44	WSW	1	o	30.50	+ .11	41	39	- 3	SW	0	m	1	o	#	45	39	-		
Skudesnaes ...	30.45	45	ESE	2	bc	30.45	+ .06	44	41	- 1	ESE	2	c	2	b, bc	#	55	39	?		
Færder (Christiana Fjord)	30.42	43	W	2	o	30.48	+ .10	41	40	0	NE	4	b	1	o	#	43	39	-		
Skagen (The Scaw)	30.46	42	NE	1	c	30.42	+ .04	43	42	+ 1	E	1	c	0	c	#	48	41	-		
Fanø ...	30.34	41	SE	3	b	30.34	+ .02	41	40	- 1	E	2	c	#	b	#	52	39	-		
Sumburgh Head	30.36	44	SSE	1	c	30.36	+ .06	43	41	0	SE	1	o	3	o, c	#	44	40	-		
Stornoway ...	30.17	52	SW	0	b	30.18	- .03	45	43	+ 4	SE	2	m	2	b	#	53	39	-		
Wick ...	30.27	43	SE	4	c	30.29	+ .02	44	44	+ 1	ESE	5	ou	2	c	#	49	40	-		
Nairn ...	30.23	45	SW	0	bc	30.24	- .01	45	42	+ 7	E	2	bc	1	bc, m	#	45	30	0.01		
Aberdeen ...	30.24	42	SSE	3	c	30.31	- .00	44	41	+ 1	SE	3	c	3	c	#	47	40	0.02		
Leith ...	30.26	48	E	3	b	30.25	- .02	43	41	- 1	E	3	r	#	b	#	52	39	-		
Shields ...	30.30	42	ESE	3	o	30.22	- .07	44	43	0	E	3	c	3	e, o	#	47	39	-		
Spurn Head ...	30.22	42	ESE	4	c	30.18	- .11	45	44	0	ESE	5	b	4	c	#	47	41	-		
York ...	30.25	48	E	2	b	30.19	- .08	45	42	0	E	2	o	#	b	#	58	39	-		
Loughborough ...	30.17	50	ESE	3	b	30.12	- .11	44	43	0	NE	3	om	#	b	#	59	40	-		
BRITISH ISLANDS.																					
Ardrossan ...	30.19	52	NE	3	bc, m	30.20	- .04	45	42	0	ESE	3	b	1	bc, m	#	55	38	-		
Malin Head ...	30.14	50	ESE	2	om	30.12	- .06	43	40	- 4	ESE	6	b	3	bc, om	#	53	41	-		
Belmullet ...	30.18	57	NE	1	b	30.02	- .13	46	43	- 7	E	4	bc	#	b	#	68	43	-		
Donaghadee ...	30.18	49	ESE	3	m	30.15	- .09	44	42	- 3	NE	6	b	5	m	#	52	43	-		
Liverpool (Bidston)	30.15	53	E	4	b	30.10	- .12	44	41	- 4	ESE	4	m	?	b	#	59	39	-		
Holyhead ...	30.11	53	E	4	b	30.05	- .11	43	41	- 5	E	6	om	4	b	#	58	40	-		
Parsonstown ...	30.07	56	SE	1	b	29.98	- .18	43	41	- 4	SE	3	o	#	bc, o	#	64	39	-		
Valencia ...	30.00	58	ESE	3	om	29.86	- .24	50	49	- 4	ESE	5	oq	4	cmq, om	#	64	50	-		
Roche's Point ...	30.01	55	E	5	bc, m	29.92	- .20	47	47	- 4	ESE	6	r	4	bc, m	#	58	45	0.15		
Pembroke (St. Ann's Hd.)	30.01	55	E	4	b	29.93	- .21	46	46	- 4	E	4	om	3	b	#	59	44	0.03		
Scilly ...	29.90	54	E	6	vt	29.88	- .14	50	50	+ 1	ESE	3	om	3	o, vt	#	56	48	0.09		
Prawle Point ...	29.92	55	E	6	o	29.92	- .12	50	48	+ 1	E	5	c	4	o, r	#	56	45	0.20		
Jersey (St. Aubin's)	29.91	55	E	5	oq, p	29.90	- .10	56	53	+ 5	E	3	om	3	bc, oq, p	#	60	50	0.08		
Hurst Castle ...	30.02	54	E	3	bc	29.96	- .15	49	48	0	ESE	4	r	3	c, bc	#	58	48	?		
Dungeness ...	30.00	57	ESE	5	c	29.97	- .14	49	47	- 1	E	5	c	4	c	#	54	47	-		
North Foreland	30.08	49	E	5	b	30.02	- .14	48	46	0	E	5	c	4	b	#	51	47	-		
London (Brixton) ...	30.09	53	ESE	3	bc	30.02	- .15	48	45	+ 5	ESE	4	or	#	b, bc, o	#	62	42	-		
Oxford ...	30.10	49	E	3	bc	30.04	- .15	44	43	+ 2	NE	3	r	#	bc, o	#	62	41	0.05		
Cambridge ...	30.15	51	ESE	3	b	30.06	- .15	47	45	+ 4	ESE	2	o	#	b	#	62	38	-		
Yarmouth ...	30.17	44	ESE	6	bc	30.07	- .12	44	43	- 1	ESE	6	cq	4	b, bc	#	47	41	-		
GERMANY & HOLLAND.																					
Cuxhaven ...	30.26	48	E	4	c	30.24	+ .02	39	38	- 5	E	5	o	#	c	#	50	38	-		
Berlin ...	30.25	45	NE	4	b	30.23	- .03	41	39	0	NE	3	o	#	b	#	54	37	-		
Wiesbaden ...	#	#	#	#	#	30.10	#	50	45	#	SW	0	b	#	#	#	66	45	-		
Munich ...	30.09	50	NE	4	b	30.10	- .07	43	40	+ 2	E	2	b	#	b	#	63	32	-		
The Helder ...	30.22	50	ESE	5	b	30.19	- .07	44	40	- 3	E	5	bc	3	b	#	50	43	-		
BELGIUM.																					
Brussels (9 a.m.) ...	#	#	#	#	#	30.03	- .10	48	45	+ 3	ESE	2	bc	#	bc	#	65	43	-		
Cape Gris Nez ...	30.01	50	ESE	4	m	29.94	- .14	50	47	+ 4	ESE	4	r	3	m	#	54	46	-		
Paris ...	29.95	64	ESE	1	o	29.97	- .07	52	49	+ 2	SE	1	c	#	o	#	72	47	-		
Brest ...	?	53	E	2	c	?	?	48	47	0	ESE	2	bc	3	c	#	55	45	0.16		
Lorient ...	29.87	52	S	1	c	29.84	- .08	48	48	0	NE	3	m	4	c	#	61	46	0.08		
FRANCE & BELGIUM.																					
Rocheport ...	29.89	57	E	3	o	29.84	- .09	52	50	0	SE	3	o	#	o	#	66	48	-		
Belfort ...	29.97	63	S	1	bc	30.02	- .07	52	45	+ 4	SE	1	bc	#	bc	#	71	45	-		
Lyons ...	29.98	60	SW	2	b	29.99	- .09	55	45	- 2	E	1	b	#	b	#	70	36	-		
Nice ...	29.96	56	E	3	o	29.96	- .05	54	53	- 1	SE	3	b	#	o	#	64	46	-		
Perpignan ...	29.81	63	E	4	o	29.82	- .07	57	52	+ 7	SW	0	o	1	o	#	64	50	0.04		
Biarritz ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
PENIN. SULA.																					
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Lisbon ...	29.75	50	N	3	b	29.83	+ .20	56	52	+ 8	SW	2	b	#	b	#	54	48	0.12		
Azores (R. Delgada)	29.91	49	NE	7	bc	29.96	- .06	46	44	- 11	NE	4	r	4	bc	#	61	45	0.24		

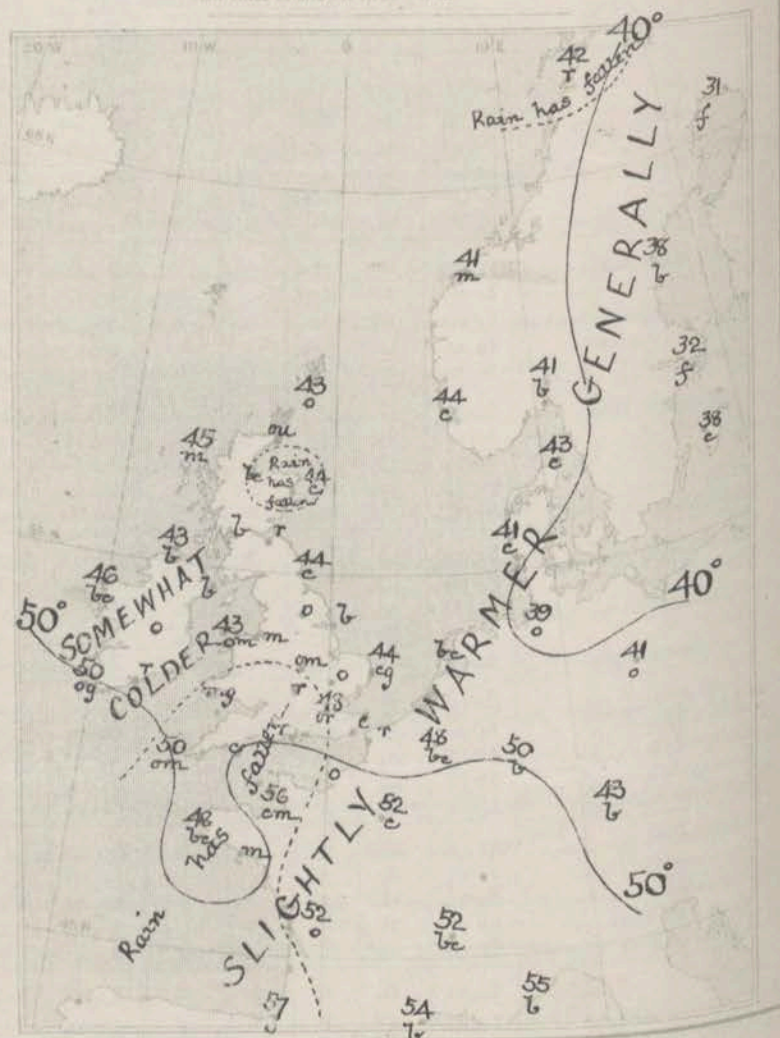
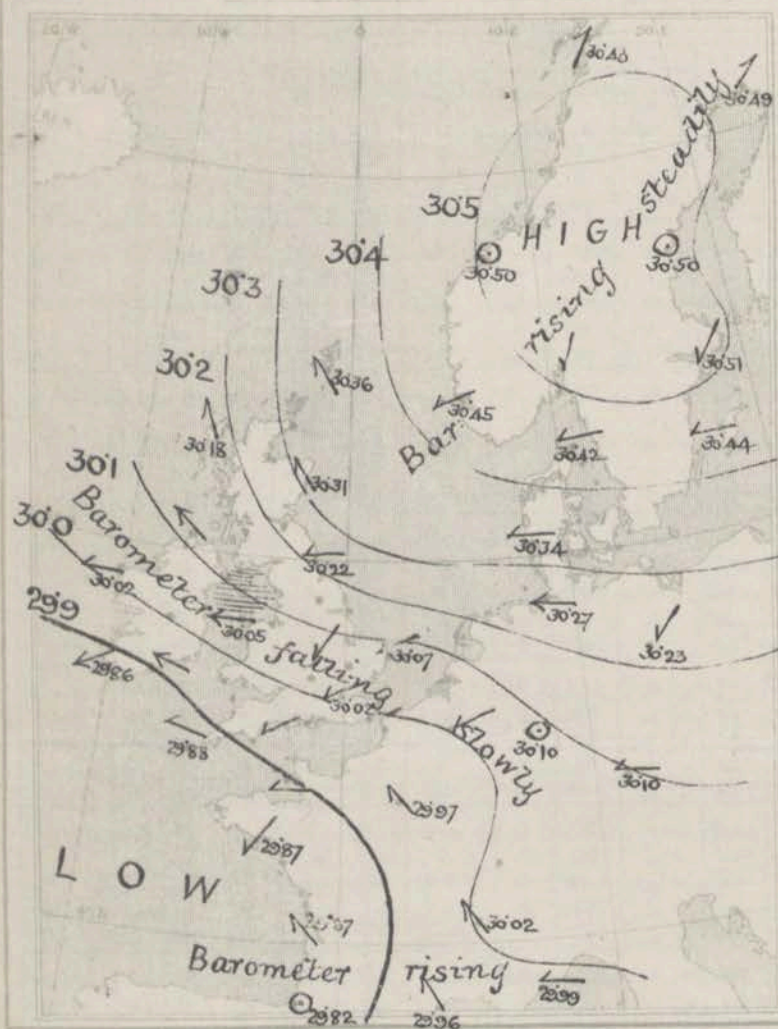
For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



FOR FRIDAY, 6<sup>TH</sup> APRIL, 1894.





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.5 in. and more to 31.3 in. in an anticyclone covering Scandinavia and the northeastern half of the North Sea.  
 Lowest, 29.9 in. and less, over the Bay of Biscay and Spain.  
 Gradients favourable for E. winds, but not steep.  
 Barometer rising in the north and northeast, falling in the west.

## TEMPERATURE

Highest, 54° to 57° in the south of France, 56° at Jersey, 50° at Kelly and Valencia Island, as well as at Wiesbaden.  
 Lowest, 31° at Haparanda, 32° at Stockholm, 43° at Leith.  
 It has fallen in Ireland, not changed much elsewhere.

## WIND

E. over the North Sea and British Islands, and fresh to strong in force in many places.  
 SE. light, over France, SSW at Lisbon, NW over the Azores.  
 On the Scandinavian coast light anticyclonic breezes prevail.

## WEATHER

Clear in the extreme northwest of our Islands, in the south and west of Germany, and the south of France; cloudy or overcast elsewhere with some rain on several parts of our south and southwest coasts, at Calais, and at Leith.  
 A little rain has fallen over Brittany and the southwest of our Islands during the night, and about 0.2 inch at Bodo.

## SEA

Rather rough at Donaghadee, moderate on most parts of our east, south, and west coasts, slight in the north.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the southwest seems to be moving northwestwards, and is not likely to cause much of either wind or rain on our coast.

# FORECASTS

For the 24 hours ending at NOON on 7<sup>th</sup> APRIL, 1894.

## DISTRICTS.

## FORECASTS.

0	SCOTLAND NORTH	} SE <sup>ly</sup> winds, fresh or strong; some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E <sup>ly</sup> breezes, fresh; fair as a whole.
3	ENGLAND EAST	Same as N° 5
4	MIDLAND COUNTIES	Same as N° 2
5	ENGLAND SOUTH	E <sup>ly</sup> winds, fresh; cloudy with slight rain, to fine — very cold tonight.

## DISTRICTS.

## FORECASTS.

6	SCOTLAND WEST	Same as N° 0 and 1.
7	ENGLAND N.W.	Same as N° 2
8	ENGLAND S.W.	Same as N° 5.
9	IRELAND NORTH	} SE <sup>ly</sup> and E <sup>ly</sup> winds, fresh or strong; changeable, some rain.
10	IRELAND SOUTH	
WARNINGS		None issued.

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards S. or N.E., the South Cone is hoisted in preference to the North Cone.  
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.41	55	48	W.W.	2	b	1	Valencia ...	30.03	54	51	E	2	cq m	4
Sumburgh Head ...	30.33	46	44	SSE	2	o	3	Scilly ...	29.96	56	51	E	4	o	4
Sornoway ...	30.21	53	50	SW	2	b	2	Jersey ...	29.94	56	52	ESE	6	bc	5
Aberdeen ...	30.34	46	44	ESE	3	c	2	Hurst Castle ...	30.03	57	53	ESE	3	c	3
Shields ...	30.30	45	42	ESE	3	c	3	Dungeness ...	30.03	52	49	ESE	4	c	4
Ardrossan ...	30.21	53	50	NE	3	bem	1	North Foreland ...	30.12	51	48	E	5	b	4
Malin Head ...	30.17	50	47	ESE	4	c	2	London (Westminster) ...	30.12	59	52	E	2	b	4
Belmullet ...	30.11	63	59	ESE	1	b	*	Yarmouth ...	30.19	47	45	ESE	5	b	4
Holyhead ...	30.14	52	51	E	3	b	2	Rochefort ...	29.90	63	59	S	2	o	*

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the greater part of Europe, England, and Ireland, but dull or foggy at several of our own stations, as well as over Scandinavia and Russia, rainy over Algeria and Spain and also at Kuspio. Rain falling later over the Azores, Portugal, Brittany, the southwestern parts of the British Isles and at Bodo, but fog clearing in most places.

Temperature highest 61° at Algiers, 60° at Sfax and Trieste, exceeding 50° at most of the coast stations in southern Europe, as well as at Jersey and on the south and west coasts of Ireland. Lowest 33° at Haparanda and Archangel, 35° at Kuspio and Hango, 36° at Kermassand and Moscow. Rising later to a little above 60° in the southeast of England, to 64° at Harrogate and Valencia, 65° at Brussels, and 70° or more over the inland parts of France.

Wind light to moderate in force and E<sup>ly</sup> (NE to SE) in direction over central and western Europe generally—but S<sup>ly</sup> over Algeria and Tunis, SW<sup>ly</sup> at Palma, SE<sup>ly</sup> in the southwest of Spain—very variable, but mainly N<sup>ly</sup> on the eastern side of the Mediterranean. Freshening from the E<sup>ly</sup> later over the southern part of the British Isles and the Channel.

Barometer highest 30.5 in. and more to 30.8 in. in an anticyclone having its centre near Moscow, and spreading thence across Scandinavia and the North Sea to our own northeast coasts. Lowest 29.7 in. and less, over the southwestern parts of the Spanish Peninsula; 29.9 in. and less, over France, the southern part of European Turkey and Asia Minor. Falling over the Azores and Western Europe during day, but rising over northern Europe.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.  
" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on

Saturday, 7<sup>th</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.		
		At 32° M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)				Max.	Min.			
		Ins.	°			Ins.	Ins.	°	°	°							°	°	Ins.		
SCANDINAVIA.	Haparanda ...	30.52	32	SW	2	0	30.49	00	32	32	+ 1	Z	0	c	#	0	#	36	28	-	
	Hernösand ...	30.46	36	S	2	0	30.46	-0.44	33	32	- 5	S	2	f	#	0	#	52	30	-	
	Stockholm ...	30.47	36	Z	0	0	30.40	-11	40	39	+ 8	ESE	2	0	#	0	#	45	28	-	
	Wisby ...	30.41	39	SE	6	0	30.34	-10	41	40	+ 3	ESE	4	b	#	0	#	43	28	-	
	Bodo ...	30.46	41	Z	0	4	30.27	-16	41	41	- 1	Z	0	4	0	#	43	39	0.12		
	Christiansund ...	30.43	45	NNE	2	b	30.33	-17	42	41	+ 1	Z	0	f	0	b	#	48	37	-	
	Skudesnaes ...	30.39	47	ESE	2	0	30.31	-14	46	42	+ 2	ESE	1	0	1	c, 0	#	53	43	?	
	Færder (Christiania Fjord)	30.39	44	NNE	3	0	30.33	-15	41	39	0	NNE	2	0	1	0	#	46	39	-	
	Skagen (The Seaw)	30.32	44	NE	1	0	30.28	-14	42	40	- 1	E	1	0	0	0	#	48	39	-	
	Fanö ...	30.22	42	E	1	0	30.18	-16	42	41	+ 1	E	4	0	#	0	#	54	41	-	
	Sumburgh Head	30.32	45	ESE	1	c	30.21	-15	45	43	+ 2	SE	2	c	3	c	#	47	42	-	
	Stornoway ...	30.11	49	SE	3	c	30.04	-14	45	43	0	SE	3	0	3	c	#	50	35	-	
	Wick ...	30.20	45	SSE	6	bc	30.13	-16	44	40	0	S	6	bc	3	bc	#	49	40	-	
	Nairn ...	30.14	49	ESE	3	c	30.09	-15	45	42	0	E	1	b	1	c	#	51	34	-	
	Aberdeen ...	30.24	42	SE	3	bc	30.19	-12	46	44	+ 2	SSE	3	bc	3	p, bc	#	47	40	0.02	
	Leith ...	30.15	46	E	3	b	30.11	-14	45	42	+ 2	E	3	0	#	b	#	49	41	-	
	Shields ...	30.17	44	ESE	3	c	30.13	-09	43	42	- 1	ESE	3	op	3	c	#	48	40	-	
	Spurn Head ...	30.09	44	ESE	4	0	30.07	-06	43	42	- 2	E	4	og	5	og	#	46	42	-	
	York ...	30.14	45	E	1	4	30.10	-09	44	43	- 1	E	1	0	#	4	#	50	42	0.02	
	Loughborough ...	30.07	46	ESE	3	0	30.06	-06	44	43	0	ESE	2	og, m	#	0	#	53	42	-	
BRITISH ISLANDS.	Ardrossan ...	30.07	57	ESE	3	om	30.06	-14	45	44	0	NE	3	om	1	em	#	55	42	-	
	Malin Head ...	30.01	48	ESE	3	0	29.99	-13	45	43	+ 2	ESE	4	cm	2	b, o	#	50	43	0.01	
	Belmullet ...	29.96	46	E	3	0	29.97	-05	49	47	+ 3	ESE	2	b	#	0	#	49	43	0.04	
	Donaghadee ...	30.05	48	E	5	0	30.05	-10	44	43	0	ESE	4	0	2	0	#	50	43	0.01	
	Liverpool (Bidston)	30.03	49	E	4	0	30.03	-07	44	42	0	E	3	0	3	0	#	53	42	0.09	
	Holyhead ...	29.97	49	E	6	cm	29.97	-08	47	45	+ 4	E	4	og, m	3	rgm, cm	#	50	42	0.18	
	Parsonstown ...	29.96	50	SE	1	0	29.97	-01	45	44	+ 2	Z	0	0	#	0	#	50	40	0.03	
	Valencia ...	29.89	53	SE	2	cm	29.94	+08	46	44	- 4	NE	1	b, m	1	my, cm	#	55	42	-	
	Roche's Point ...	29.95	50	ESE	4	om	29.96	+04	49	48	+ 2	NE	2	m	3	om	#	51	43	0.10	
	Pembroke (St. Ann's Hd.)	29.92	53	ESE	3	b	29.95	+02	48	46	+ 2	ESE	3	og, m	2	bc, b	#	54	45	-	
	Seilly ...	29.89	51	NE	1	c	29.87	-01	51	50	+ 1	E	2	om	1	c	#	40	56	47	
	Prawle Point ...	29.90	51	NE	2	m	29.89	-03	50	48	0	ESE	4	c	3	m, c	#	56	47	-	
	Jersey (St. Aubin's)	29.87	63	ESE	1	b	29.89	-01	56	51	0	Z	0	cm	0	cm, m	#	67	51	-	
	Hurst Castle ...	29.94	55	E	1	c	29.95	-01	52	48	+ 3	ESE	2	b	3	b, c	#	58	49	-	
	Dungeness ...	29.94	52	ESE	3	0	29.94	-03	51	49	+ 2	ESE	2	c	2	bc, o	#	54	43	-	
	North Foreland	29.99	48	NE	4	c	30.01	-01	49	48	+ 1	NE	3	cm	3	b, c, q	#	50	46	-	
	London (Wickton) ...	29.99	52	E	2	cm	29.99	-03	46	45	- 2	E	2	0	#	0, bc, b	#	57	43	-	
	Oxford ...	30.02	49	NE	2	0	30.00	-04	44	44	0	NE	2	0	#	op, d	#	55	43	-	
	Cambridge ...	30.04	50	ESE	1	c	30.03	-03	46	45	- 1	ESE	1	0	#	c	#	55	43	-	
	Yarmouth ...	30.04	45	ESE	5	c	30.03	-04	44	43	0	ESE	5	og, m	#	c	#	47	42	-	
GERMANY & HOLLAND.	Cuxhaven ...	30.16	45	E	4	c	30.12	-15	42	42	+ 3	E	3	0	#	c	#	46	39	-	
	Berlin ...	30.15	63	E	2	b	30.17	-06	46	43	+ 5	E	2	0	#	b	#	59	41	-	
	Wiesbaden ...	#	#	#	#	#	30.08	-02	49	46	- 1	Z	0	b	#	#	#	68	43	-	
	Munich ...	30.05	48	SE	2	b	30.08	-02	42	38	- 1	E	1	b	#	b	#	63	32	-	
	The Helder ...	30.12	48	E	5	c	30.12	-07	46	44	+ 2	E	4	b	3	c	#	50	43	-	
	Brussels (9 a.m.) ...	#	#	#	#	#	30.01	-02	59	48	+ 11	ESE	1	bc	#	b	#	73	48	-	
	Cape Gris Nez ...	29.93	50	E	4	m	29.93	-01	49	49	- 1	ESE	2	m	1	m	#	57	48	-	
	Paris ...	29.92	68	E	1	c	29.97	00	50	45	- 2	NE	1	b	#	c	#	76	46	-	
	Brest ...	#	55	NNE	2	c	#	#	53	51	+ 3	E	3	0	2	c	#	59	45	-	
	Lorient ...	29.87	56	Z	0	c	29.84	-03	52	51	+ 4	SSE	2	0	2	c	#	66	46	-	
FRANCE & BELGIUM.	Rochefort ...	29.91	58	H	1	0	29.93	+06	53	52	+ 1	E	1	0	#	c, 0	#	73	48	-	
	Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lyons ...	29.93	63	SSE	1	b	30.02	00	55	48	+ 3	SE	1	bc	#	b	#	72	49	-	
	Nice ...	29.97	60	SE	1	bc	30.01	+02	57	47	+ 2	E	1	b	#	bc	#	66	52	-	
	Perpignan ...	29.93	56	SE	3	bc	29.99	+03	54	52	0	H	1	b	#	bc	#	66	45	-	
	Biarritz ...	29.82	60	SW	3	0	29.86	+04	55	50	- 2	SE	2	bc	2	o, l	#	61	52	-	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lisbon ...	29.75	50	SE	4	m	29.76	-07	51	47	- 5	SSW	4	0	#	4	#	59	48	1.26	
	Azores (P. Delgada)	29.99	51	NW	4	b	30.07	+11	54	51	+ 8	WNW	5	bc	4	b	#	54	45	0.12	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

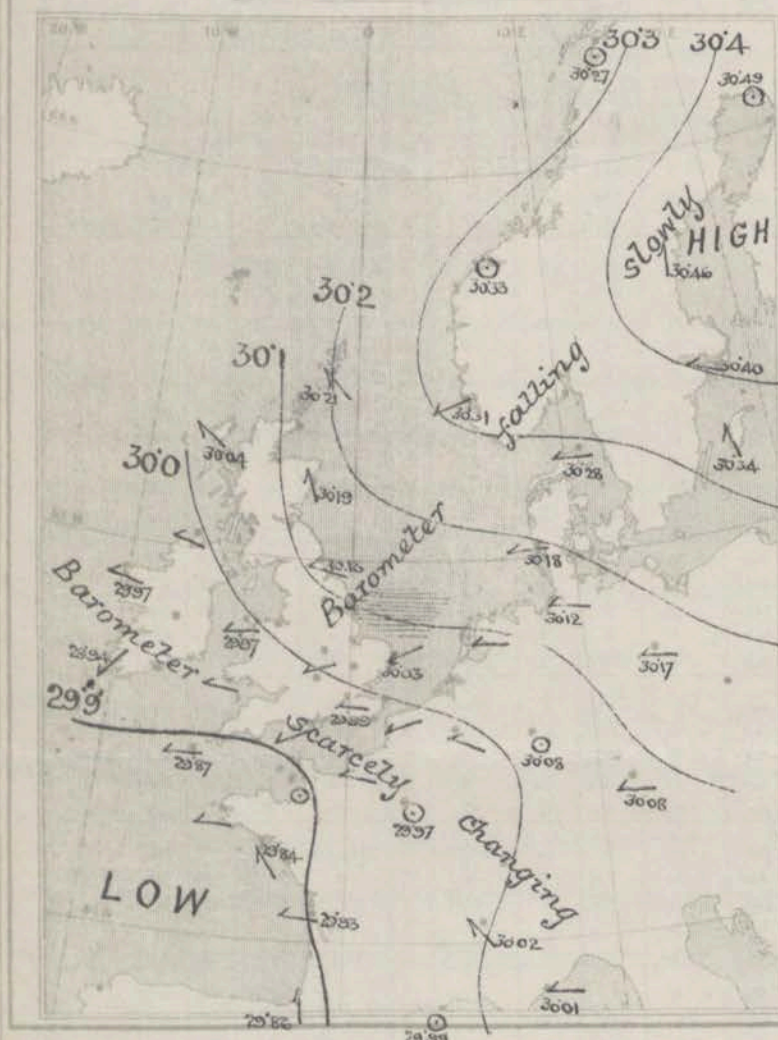
FOR SATURDAY, 7<sup>th</sup> APRIL, 1894.

## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉  
Force 8 to 10 → : Force 1 to 4 → :  
SEA—Rough : High

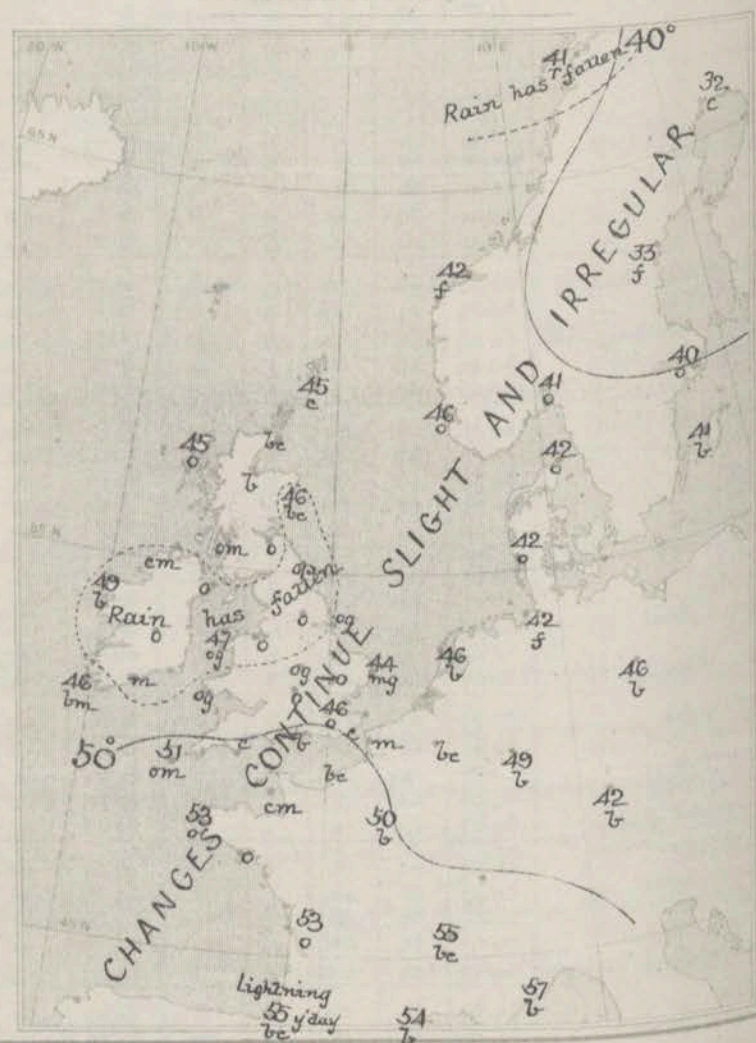


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb ° Fahr.	Wet Bulb ° Fahr.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Sumburgh Head	29.840	41.7	40.2	46.0	36.7	2.07	—	30
Stornoway	29.834	43.8	42.3	48.9	37.2	2.65	152.3	—
Wick	29.848	43.1	41.2	48.9	36.9	1.68	—	—
Nairn	29.848	42.7	40.4	50.9	37.3	1.26	—	34
Aberdeen	29.848	43.2	40.7	49.3	38.0	2.16	143.0	—
Leith	29.893	44.1	41.7	52.0	37.9	1.57	—	—
Shields	29.866	43.5	41.4	49.0	38.6	1.80	—	—
Spurn Head	29.803	44.0	42.3	48.4	40.3	1.45	—	31
York	29.873	43.8	41.6	53.5	37.7	1.75	128.0	—
Loughborough	29.870	44.4	42.1	55.1	38.1	1.78	—	—
Ards	29.837	44.4	42.1	51.5	39.5	2.14	—	—
Donaghadee	29.859	44.0	42.9	51.0	40.0	1.92	—	—
Holyhead	29.857	45.8	43.8	51.4	42.0	1.90	—	—
Liverpool	29.867	45.0	42.1	52.6	40.4	1.55	—	29
Barrow-in-Strathairn	29.874	45.0	42.3	54.0	38.0	2.04	159.9	41
Valencia	29.854	48.2	45.6	53.0	42.8	3.83	169.5	—
Rosco's Point	29.851	46.8	44.5	54.7	42.1	3.24	—	44
Pembroke	29.852	45.2	43.4	50.4	41.9	1.94	182.9	—
Silly	29.850	48.6	46.6	52.1	44.2	2.27	—	—
Princes Point	29.870	46.2	44.6	51.9	40.7	2.07	—	46
Jersey	29.872	48.5	45.9	54.2	43.5	2.08	187.6	—
Hurst Castle	29.871	45.5	44.2	52.1	41.0	1.83	—	—
Dover	29.874	46.3	44.0	51.1	41.5	1.77	—	20
LONDON	29.878	46.1	43.2	56.0	39.7	1.84	124.3	34
Oxford	29.884	44.4	42.1	54.0	39.9	1.78	141.5	30
Cambridge	29.880	45.2	43.0	55.8	37.3	1.69	147.8	—
Exmouth	29.879	44.7	43.0	49.1	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.4 in. and more to 30.1 in. in the western part of an anticyclone spreading from Northern Europe across the North Sea to our northwest coasts.  
 Lowest, 29.8 in. and less over Portugal and neighbouring parts of the Atlantic.  
 Gradient still slight, and mainly favourable for E winds.  
 Barometer changing very little anywhere.

## TEMPERATURE

Highest, 54° to 57° at the southern French stations, 56° at Jersey, 52° at Hunt-Castle, 51° at Dungeness and Lally.  
 Lowest, 32° to 33° on the northern parts of the French coasts, 41° at Bodo and Nistly, 43° at Shields and Spurn H<sup>t</sup>.  
 The maxima recorded over England yesterday were not so high by several degrees as those recently observed; but the thermometer rose to 66° at Jersey, 73° at Brussels and Rochfort, 76° at Paris.

## WIND

E<sup>2</sup>, moderate to light over England and Ireland, SE<sup>4</sup> to S<sup>3</sup> over the northern parts of Scotland; Calm and SE<sup>3</sup>, light over Scandinavia. Over the Iberian Peninsula also it is apparently S<sup>2</sup>.  
 The strong breezes reported in the south yesterday have all died down.

## WEATHER

Fine and bright over France and Germany, cloudy, more so here, in many parts of our Islands and Scandinavia, with rain in the north-west of Norway.  
 Heavy rain fell at Lisbon yesterday, small quantities at our own northwestern stations, a few drops in London, and 0.12 in. at Bodo.

## SEA

Rather rough at Spurn H<sup>t</sup>, moderate to smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

No great change of weather over our Islands is indicated at present.

## FORECASTS

For the 24 hours ending at NOON on 8<sup>th</sup> APRIL 1894.

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	} S <sup>2</sup> or SE <sup>2</sup> winds, light; fair to showery. E <sup>2</sup> or SE <sup>2</sup> breezes, moderate; fair.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Same as No 5.
4	MIDLAND COUNTIES	Same as Nos 1 and 2.
5	ENGLAND SOUTH	E <sup>2</sup> breezes, moderate; fine.

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	Same as No 1 & 2.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Same as No 5.
9	IRELAND NORTH	} N <sup>2</sup> and NE <sup>2</sup> breezes; cloudy, slight rain then finer.
10	IRELAND SOUTH	
WARNINGS		None issued.

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.  
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.	WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.			
Skudesnaes ...	30.42	53	45	ESE	2	c	2	Valencia ...	29.87	53	52	ESE	5	o g m
Sumburgh Head ...	30.36	46	44	SE	1	c	3	Scilly ...	29.69	54	51	E	2	c
Stornoway ...	30.16	49	45	SE	3	c	3	Jersey ...	29.89	65	57	SE	3	c
Aberdeen ...	30.26	44	43	ESE	3	bc	4	Hurst Castle ...	29.93	55	53	E	2	bc
Shields ...	30.19	45	42	ESE	3	c	3	Dungeness ...	29.96	53	49	ESE	4	bc
Ardrossan ...	30.10	52	49	ESE	3	em	1	North Foreland ...	30.00	50	48	E	4	bc
Malin Head ...	30.07	48	45	ESE	5	b	2	London (Westminster) ...	30.00	55	50	E	2	o
Belmullet ...	29.99	48	45	E	3	r	#	Yarmouth ...	30.05	47	45	ESE	5	c
Holyhead ...	30.01	46	45	E	6	rgm	4	Rocheport ...	29.88	71	62	Z	0	c

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southern Europe, as well as at many stations in Germany, Austria, and the south of Russia, and the extreme northwest of our Islands; cloudy or overcast as a whole elsewhere, rainy in many parts of the United Kingdom, the northeast of France, and the extreme north of Norway. Heavy rain falling at Lisbon later, and a moderate amount at Rodez; very slight falls in the west of the British Islands.

Temperature changing fitfully. Morning readings highest 60° at Algiers, Genoa, and Bilbao, and exceeding 50° over the Mediterranean and France, and touching 50° at our extreme southern stations; exceeding 40° over the whole of the British Islands and the eastern shores of the North Sea. Lowest, 31° at Haparanda, 32° at Stockholm and Kangö, 33° at Moscow and Kiev. Maximum readings falling short of 60° over Great Britain and Ireland, but touching 67° at Jersey, 73° at Brussels and Rochefort, and 76° at Paris.

Wind SW at the extreme northern stations; calm over Iceland and the greater part of Scandinavia; E (NE to SE) over the Baltic, central and eastern Europe, and blowing a fresh to strong breeze at most of the stations in the British Islands; S over Algeria, SW in the southwest of Spain. The easterly wind moderating in the south of our Islands later, hardly any other change.

Barometer highest 30.6 in. and more over Central Russia, and exceeding 30.2 in. over northern and eastern Europe generally, as well as over Scotland. Lowest, about 29.8 in. on the Portuguese coast; and below 29.9 in. over Asia Minor. Gradients moderate to slight. Very little change reported later.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.  
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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# DAILY WEATHER REPORT

for 8 a.m. on Sunday 8<sup>th</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

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STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.			BAROMETER.	TEMPERATURE.				WIND.							TEMP.		
	At 32° and M.S.L.	Dry Bulb.	Dirce.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirce.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.	
	Inch.	°				Inch.	Inch.	°	°	°							°	°	Inch.	
SCANDINAVIA.																				
Haparanda ...	30.41	29	S	2	b	30.28	- .21	33	32	+ 1	L	0	o	#	b	#	36	25	-	
Hernösand ...	30.34	35	L	0	r	30.27	- .19	33	32	- 0	L	0	o	#	r	#	39	32	0.04	
Stockholm ...	30.30	35	L	0	f	30.29	- .11	31	31	- 9	L	0	f	#	f	#	52	28	-	
Wisby ...	30.30	40	S	4	b	30.27	- .07	34	33	- 7	NNE	4	f	#	b	#	55	32	-	
Bodo ...	30.16	39	SE	1	o	30.08	- .19	37	36	- 4	L	0	o	#	o	#	45	36	0.08	
Christiansund ...	30.29	44	WSW	1	c	30.28	- .05	42	40	- 0	L	0	b	1	c	#	48	37	-	
Skudesnaes ...	30.28	44	WNW	1	b	30.25	- .06	43	40	- 3	L	0	b	1	b	#	52	37	-	
Færder (Christiana Fjord)	30.28	42	NE	3	b	30.28	- .05	40	39	- 1	NNE	3	o	1	b	#	43	37	-	
Skagen (The Scaw)	30.25	42	E	1	o	30.22	- .06	44	43	+ 2	ESE	1	f	#	o	#	45	39	-	
Fanø ...	30.15	44	E	2	o	30.13	- .05	42	41	- 0	E	4	f	#	o	#	46	39	-	
BRITISH ISLANDS.																				
Sumburgh Head	30.16	44	SE	2	c	30.10	- .11	43	41	- 2	SE	3	o	4	c	#	49	41	0.01	
Stornoway	29.97	48	E	3	o	29.88	- .16	46	45	+ 1	L	0	o	2	c, o	#	52	36	-	
Wick ...	30.07	45	S	6	c	29.96	- .17	44	42	- 0	S	7	ow	4	c	#	49	41	-	
Nairn ...	30.01	54	E	1	b	29.92	- .17	47	44	+ 2	SE	1	o	1	b	#	59	38	-	
Aberdeen	30.14	42	SSE	3	o	30.03	- .16	43	42	- 3	SE	2	opg	4	b, opg	#	47	41	0.02	
Leith ...	30.08	44	ENE	3	r	29.96	- .15	43	42	- 2	ENE	3	o	#	r	#	50	40	0.15	
Shields ...	30.08	42	ESE	3	o	29.98	- .15	41	41	- 2	SE	2	opg	3	c, o	#	44	40	-	
Spurn Head	30.02	43	ESE	3	ogm	29.96	- .11	43	43	- 0	N	2	fg	3	fg	#	44	41	0.01	
York ...	30.07	43	NE	1	o	29.98	- .12	42	42	- 2	E	1	o	#	o	#	46	40	-	
Loughborough ...	30.01	46	NE	3	o	29.97	- .09	43	42	- 1	NE	1	of	#	o	#	49	41	-	
GERMANY & HOLLAND.																				
Ardrossan	29.99	46	NE	3	o	29.92	- .14	44	43	- 1	NE	3	cm	1	cm	#	49	41	0.02	
Malin Head	29.94	47	ESE	4	o	29.84	- .15	45	44	- 0	ESE	4	cm	2	cm	#	52	44	0.17	
Belmullet	29.93	55	SW	1	b	29.81	- .16	49	47	- 0	E	3	bc	#	q, b	#	59	45	-	
Donaghadee	29.99	47	ENE	3	m	29.91	- .14	45	44	+ 1	ESE	4	o	2	m	#	48	44	0.01	
Liverpool (Bidston)	29.96	50	ESE	2	o	29.93	- .10	43	42	- 1	SE	3	o	2	o	#	54	41	-	
Holyhead	29.92	52	L	0	o	29.88	- .09	52	49	+ 5	L	0	b, m	0	b, op, g	#	55	46	0.07	
Parsonstown	29.91	54	L	0	o	29.82	- .15	48	47	+ 3	L	0	c	#	o	#	56	39	0.13	
Valencia	29.88	53	WNW	1	b, cm	29.80	- .14	50	49	+ 4	SSE	1	cm	1	m, bc	#	57	46	-	
Roche's Point	29.89	51	ESE	3	m	29.85	- .11	51	51	+ 2	SE	3	m	3	m	#	55	48	0.02	
Pembroke (St. Ann's Hd.)	29.87	52	E	2	o	29.88	- .07	49	47	+ 1	ESE	3	b, m	2	o	#	53	45	-	
FRANCE & BELGIUM.																				
Scilly ...	29.82	53	E	3	c	29.82	- .05	52	51	+ 1	E	3	cur	?	q, c	#	53	?	0.09	
Prawle Point	29.86	52	E	2	bc	29.87	- .02	54	51	+ 4	ENE	1	c	1	bc	#	58	46	-	
Jersey (St. Aubin's)	29.85	65	SE	3	bc	29.91	+ .02	57	52	+ 1	SE	1	c	1	cc, g	#	67	45	-	
Hurst Castle	29.87	57	L	0	bc	29.85	- .10	51	49	- 1	NNE	1	b, m	1	bc	#	64	47	-	
Dungeness	29.90	53	E	3	bc	29.93	- .01	58	53	+ 7	SE	1	bc	1	m, bc	#	60	50	-	
GERMANY & HOLLAND.																				
North Foreland	29.92	53	E	1	b	29.92	- .09	62	54	+ 13	S	2	b	1	b	#	62	48	-	
London (Beacon)	29.91	57	E	2	bc	29.92	- .07	52	48	+ 6	E	1	b, m	#	b, bc, m	#	67	45	-	
Oxford ...	29.94	50	NE	2	bc	29.95	- .05	43	43	- 1	NNW	1	o	#	bc	#	60	42	-	
Cambridge	29.94	62	NE	1	b	29.95	- .08	44	44	- 2	NNW	1	o	#	b	#	68	39	-	
Yarmouth	29.97	47	NE	3	b	29.94	- .09	48	47	+ 4	L	0	b	3	b	#	48	43	-	
FRANCE & BELGIUM.																				
Cuxhaven	30.08	48	E	1	b	30.13	+ .01	48	47	+ 6	SSE	1	m	#	b	#	35	42	-	
Berlin ...	30.13	56	L	0	b	30.16	+ .01	48	45	+ 2	L	0	b	#	b	#	63	43	-	
Wiesbaden	#	#	#	#	#	30.10	+ .02	56	47	+ 7	L	0	b	#	b	#	68	45	-	
Munich ...	30.07	52	SE	2	b	30.13	+ .05	45	42	+ 3	W	1	b	#	b	#	63	36	-	
The Helder	30.07	48	ENE	4	b	30.07	- .05	53	50	+ 7	SE	1	b	1	b	#	54	45	-	
FRANCE & BELGIUM.																				
Brussels (9 a.m.)	#	#	#	#	#	30.00	- .01	61	49	+ 2	SE	3	b	#	b	#	74	52	-	
Cape Gris Nez	29.93	66	L	0	m	29.91	- .02	59	51	+ 10	S	1	b	0	m	#	73	49	-	
Paris ...	29.93	68	SSE	2	b	29.97	- .00	54	47	+ 4	SSE	1	b	#	b	#	75	56	-	
Brest ...	#	56	SE	2	c	?	?	53	50	- 0	ESE	3	c	3	c	#	59	48	0.12	
Lorient ...	29.87	57	SSE	4	bc	29.86	+ .02	54	52	+ 2	SSE	4	r	4	bc	#	63	51	0.04	
FRANCE & BELGIUM.																				
Rochefort	29.89	62	NE	2	c	29.91	- .02	55	53	+ 2	SW	4	o	#	c	#	73	50	-	
Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Lyons ...	29.96	63	S	1	b	30.08	+ .06	50	45	- 5	S	1	b	#	b	#	72	46	-	
Nice ...	30.03	57	L	0	b	30.05	+ .04	57	46	- 0	W	1	b	0	b	#	68	52	-	
Perpignan	29.95	56	SE	1	b	30.01	+ .02	52	50	- 2	SW	1	o	#	b	#	67	48	-	
Biarritz	29.84	67	S	2	c	29.93	+ .07	56	55	+ 1	S	2	o	2	c	#	73	52	0.20	
PENIN- SULA.																				
Corunna	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Lisbon ...	29.82	58	SW	2	r	29.90	+ .11	57	53	+ 2	SW	3	r	4	r	#	59	43	0.16	
Azores ...	29.88	53	ESE	2	b	29.93	+ .17	53	50	+ 2	NNE	3	b	#	b	#	59	46	0.12	
Azores (P. Delgada)	30.27	54	N	4	o	30.29	+ .22	57	53	+ 3	W	1	bc	3	o	#	59	54	-	

For Explanation of Columns, see bottom of last page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.

† Received too late for Insertion in Charts on next page.



# WEATHER CHARTS

FOR SUNDAY, 8<sup>th</sup> APRIL, 1894.

## BAROMETER, WIND AND SEA.

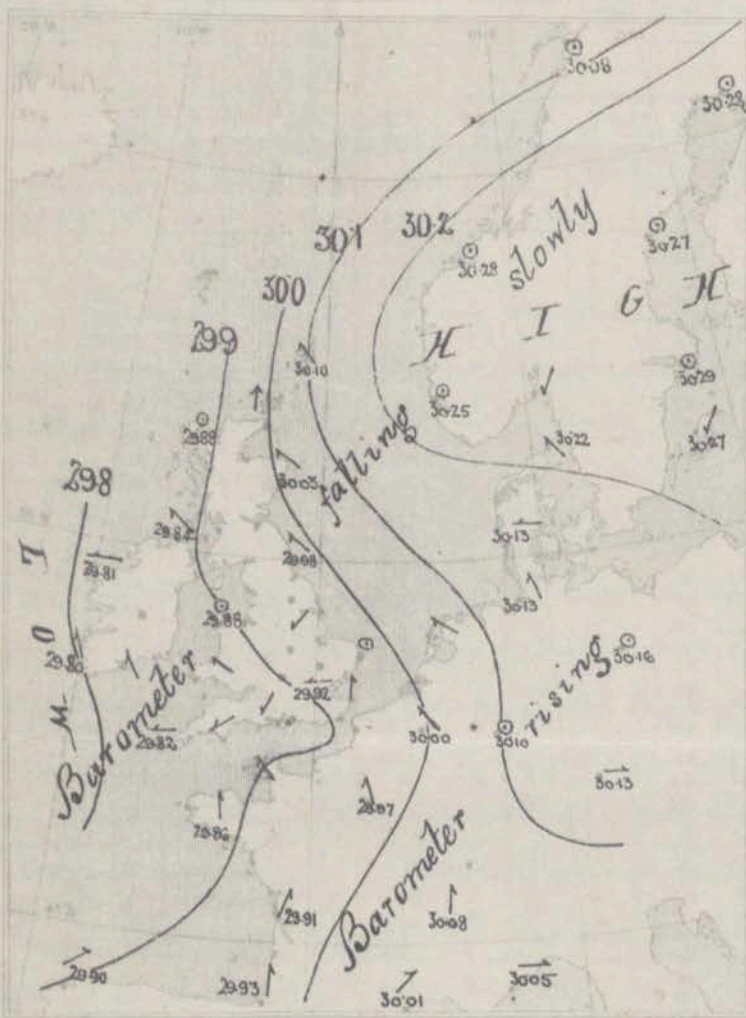
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ☉

Force 8 to 10 → : Force 1 to 4 →

SEA—Rough → : High →

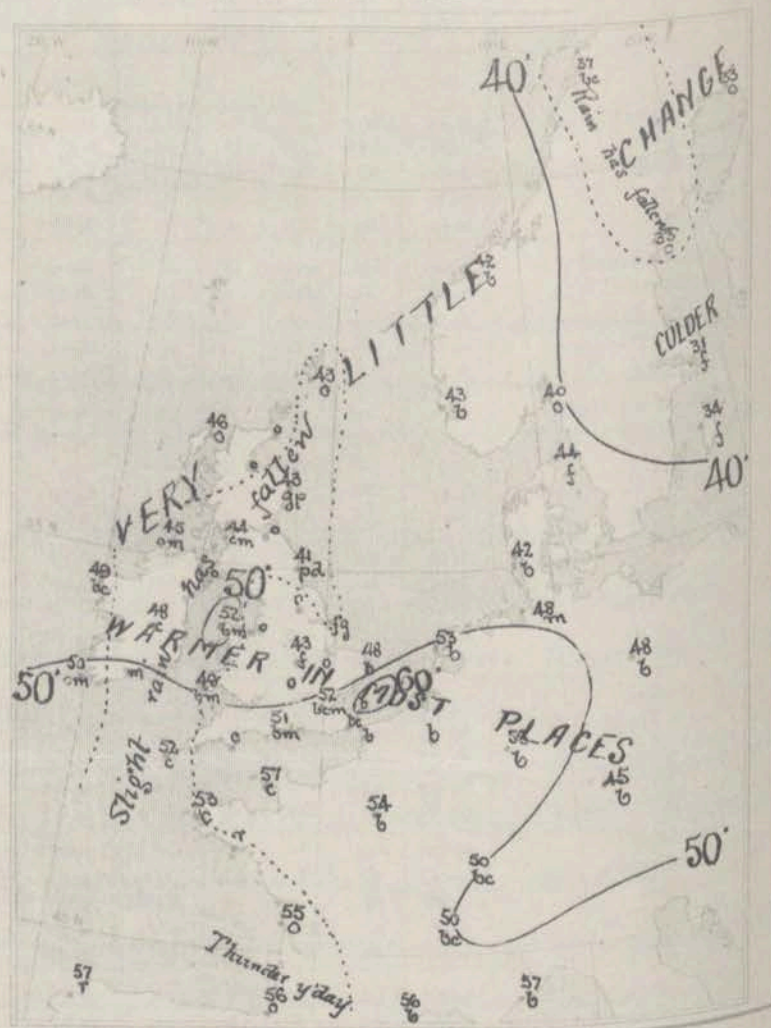


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in wet 24 hours when exceeding half an inch is shown thus: 0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE (19 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Samburgh Head,	29.840	41.7	40.2	46.0	36.7	2.07	—	36
Stornoway,	29.824	43.8	42.3	48.9	37.2	2.65	152.3	—
Wick,	29.848	43.1	41.2	48.9	36.9	1.68	—	—
Nairn,	29.848	42.7	40.4	50.9	37.4	1.26	—	34
Abereilly,	29.858	43.2	40.7	49.3	38.0	2.16	143.0	—
Leith,	29.903	44.1	41.7	52.0	37.9	1.57	—	—
Shetland,	29.903	43.5	41.4	49.6	38.6	1.90	—	—
Spurn Head,	29.803	44.0	42.3	48.4	40.3	1.43	—	—
York,	29.875	43.8	41.6	53.5	37.7	1.75	128.6	21
Lowtherburgh,	29.875	44.1	42.1	53.1	38.1	1.78	—	—
Ardferry,	29.875	44.4	42.1	51.5	39.5	2.14	—	—
Downpatrick,	29.830	44.6	42.9	51.0	40.0	1.12	—	—
Holyhead,	29.837	45.8	43.8	51.4	42.0	1.90	—	—
Liverpool,	29.807	45.0	43.1	52.6	40.4	1.55	—	39
Barrow-in-Waranda,	29.804	45.0	42.5	54.6	38.0	2.04	159.9	41
Valencia,	29.854	45.2	43.6	53.9	42.8	2.83	100.0	—
Rock's Point,	29.831	46.8	44.5	53.7	42.1	2.24	—	—
Portsmouth,	29.852	45.9	43.4	50.1	41.0	1.94	182.9	44
Scilly,	29.841	46.0	43.6	52.1	44.7	2.25	—	—
Plumtree Point,	29.850	46.2	44.0	51.9	40.7	2.05	—	—
Jersey,	29.872	45.5	43.9	54.2	45.5	2.98	187.0	46
Harbour Castle,	29.871	45.5	44.2	52.1	41.0	1.81	—	—
Dieppe,	29.804	46.3	44.0	54.1	41.5	1.77	—	30
LONDON,	29.878	46.1	43.2	56.0	40.7	1.84	124.3	34
Canterbury,	29.884	44.4	42.1	54.0	38.9	1.78	141.2	36
Cardiff,	29.880	45.2	43.0	55.8	37.3	1.69	147.8	—
Lancaster,	29.872	44.7	43.0	49.1	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest 30.2 in: and more to 30.0 in: in an anticyclone spreading southwards from northern Europe to the northeast and east coasts of Great Britain and southwards over Germany and Central Europe.

Lowest, Below 29.8 in: off the southwest and west of Ireland.

Gradients slight. Barometer falling over our Islands generally - most in the north, but rising over France and Spain.

## TEMPERATURE

Highest, 62° at the North of Ireland, 56° at Dungeness, 53° at Biarritz, 54° at Paris, and 51° at Rocher Point.

Lowest, 31° to 34° at the Swedish stations, 40° at London, 41° at Shields, 43° at Oxford, Leith and Edinburgh.

The maxima recorded yesterday were much higher than those of Friday - viz 65° to 68° over the southeastern and southern counties of England and the Channel Islands; the night was less cold than of late.

## WIND

Light from the S<sup>W</sup> in the coast of France; variable from the E<sup>W</sup> over the Channel, and from the SE over the British Islands. Calms are exceedingly prevalent over Scandinavia and Germany.

## WEATHER

Very fine over Scandinavia, Germany, the greater part of France, and the south and east of England, but foggy in places. Dull over Scotland, Ireland, and Brittany, with rain at Lorient, Shields, and Aberdeen, and a threatening appearance of sky at Wick.

Some rain has again fallen at several of our western and northern stations - most (0.7 in) at Malin and (0.15 in) at Leith.

## SEA

Moderate off our northeast coasts, slight to very smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS

For the 24 hours ending at NOON on 9<sup>th</sup> April, 1894.

### DISTRICTS.

### FORECASTS.

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

*None issued*

### DISTRICTS.

### FORECASTS.

- 8 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

### WARNINGS

*None issued.*

*None issued.*

The South Cone, point downwards (↓) means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is located in preference to the South Cone.  
The North Cone, point upwards (↑) means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is located in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.30	52	44	WSTN	2	c	2	Valencia ...	29.90	55	53	W	3	bm	3
Sumburgh Head ...	30.17	48	46	SE	2	c	3	Scilly ...	29.84	53	51	E	3	c	1
Stornoway ...	30.02	48	45	SE	3	c	3	Jersey ...	29.87	62	54	SE	2	c	2
Aberdeen ...	30.16	46	43	SE	2	bc	3	Hurst Castle ...	29.89	64	54	ESE	2	bc	1
Shields ...	30.12	44	42	ESE	3	c	3	Dungeness ...	29.92	60	53	E	3	m	2
Ardrossan ...	30.04	49	48	NE	3	om	1	North Foreland	29.95	53	50	NE	3	b	3
Malin Head ...	29.97	48	45	ESE	5	o	2	London (Westminster)	29.94	65	55	E	2	b	#
Belmullet ...	29.95	59	51	S	2	o	#	Yarmouth ...	30.02	48	47	ENE	4	b	4
Holyhead ...	29.94	53	50	E	2	bc	1	Rocheport ...	29.90	71	63	E	1	bc	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather cloudy and misty over the greater part of our Islands, but fine in the north and east of Scotland. Fine and bright at most of the French, German, Austrian and Russian stations, but dull in other parts of the Continent; fog reported in some parts of Scandinavia, and rain at Bonn, as well as at Madrid. Sky clearing later in many parts of the United Kingdom, but a little rain falling at several of our western and northern stations, as well as in Spain and the west of France. Thunderstorm occurring at Biarritz in evening.

Temperature changed little and irregularly. Morning reading highest 63° at Trieste, 61° at Algiers, 60° at Barcelona, and 58° at Brussels, La Calle and Páhas; above 55° at most of the Mediterranean stations and above 50° over France and the English Channel. Lowest 31° at Moscow, 31° at Archangel and Helsingfors, 31° at Haparanda, and 33° at Helsingfors; lowest in our Islands 43° at Shields and 44° at Lough H. Daily maxima below 50° on most parts of our north and east coasts, but thermometer reaching 67° at Jersey and in London and 68° at Cambridge. Exceeding 70° in France and Belgium, and rising to 75° at Paris and Biarritz; remaining below 70° in Spain and Italy.

Wind E<sup>1</sup> over Ireland, England, Denmark, the Netherlands, Germany and the greater part of France; light or moderate in force generally, but fresh on the Norfolk coast. S<sup>1</sup> or SE<sup>1</sup> in Scotland; calm or light and variable over the northern parts of Scandinavia and Russia, but NE<sup>1</sup> in the south of the latter country. Variable in Austria; light from the N<sup>W</sup> or NW<sup>1</sup> in Italy. S<sup>1</sup> or SE<sup>1</sup> over Spain and the Bay of Biscay. No important change occurring during day.

Barometer highest 30.6 in and upwards over the northern parts of Russia; 30.1 in and upwards in an anticyclone covering the whole of northern and central Europe, and extending westwards as far as our own northeast coasts. Lowest 29.8 in and less in a shallow depression lying over the Bay of Biscay, and the western parts of the Spanish Peninsula. Barometer falling later in most places, and depression spreading northwards towards the south of our Islands.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on

Monday, 9<sup>th</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																					
STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Weather.	Max.	Min.	
SCANDINAVIA.																					
Haparanda ...		30.18	33	Z	0	S	30.17	- .11	36	35	+ 3	N	2	0	#	f	#	36	27	-	
Hernösand ...		30.23	30	Z	0	S	30.19	- .08	43	39	+ 10	N	2	bc	#	f	#	46	30	-	
Stockholm ...		30.22	41	Z	0	S	30.26	- .03	38	37	+ 7	N	2	f	#	f	#	48	25	-	
Wisby ...		30.25	33	N	4	S	30.28	+ .01	88	88	+ 4	N	4	f	#	f	#	44	32	-	
Bodo ...		30.15	37	Z	0	bc	30.21	+ .13	40	37	+ 3	Z	0	bc	0	f	#	44	36	-	
Christiansund ...		29.98	43	N	1	b	30.17	- .11	44	39	+ 2	E	3	c	2	b	#	50	39	-	
Skudesnaes ...		30.17	44	Z	0	b	30.12	- .13	50	45	+ 7	E	4	c	1	bc, b	#	54	41	-	
Færder (Christiania Fjord)		30.23	45	Z	0	b	30.26	- .02	42	42	+ 2	Z	0	0	1	b	#	46	39	-	
Skagen (The Scaw)		30.19	44	ESE	1	m	30.23	+ .01	41	41	- 3	SE	1	f	0	m	#	50	39	-	
Fanø ...		30.12	48	ESE	4	b	30.16	+ .03	44	42	+ 2	SE	4	b	#	b	#	48	41	-	
BRITISH ISLANDS.																					
Sumburgh Head		29.98	43	S	3	0	29.85	- .25	44	43	+ 1	SE	1	0	4	0	#	45	37	0.01	
Stornoway ...		29.79	49	Z	0	0	29.66	- .22	47	47	+ 1	Z	0	0	2	r. o	#	49	41	0.20	
Wick ...		29.86	45	SE	6	0	29.73	- .23	44	43	0	S	3	f	3	0	#	45	41	-	
Nairn ...		29.83	48	NE	1	b	29.74	- .18	45	44	- 2	E	1	bc	1	b	#	53	34	0.01	
Aberdeen ...		29.92	43	SSE	2	ogm	29.81	- .22	43	43	0	SSE	2	bc	4	bc, ogm	#	44	41	0.02	
Leith ...		29.90	44	EHE	2	0	29.83	- .13	42	42	- 1	E	1	m	#	0	#	46	40	0.01	
Shields ...		29.88	42	E	1	f	29.86	- .12	42	41	+ 1	S	1	f	3	f	#	46	37	-	
Spurn Head ...		29.89	48	NE	1	bc	29.93	- .03	50	48	+ 7	SSW	1	0	2	f, bc, w	#	51	42	-	
York ...		29.88	60	SSE	1	bc	29.90	- .08	47	46	+ 5	SSE	1	b	#	bc	#	64	44	-	
Loughborough ...		29.87	63	ESE	1	c	29.95	- .02	51	49	+ 8	S	1	bcw	#	c	#	66	43	-	
GERMANY & HOLLAND.																					
Ardrossan ...		29.83	51	NE	4	cm	29.76	- .16	48	48	+ 4	ESE	2	0	2	cm	#	63	42	0.10	
Malin Head ...		29.76	50	SE	1	0	29.63	- .21	50	48	+ 5	S	6	og	2	0	#	54	45	0.07	
Belmullet ...		29.71	52	S	1	c	29.61	- .20	51	48	+ 2	SW	1	b	#	c	#	59	48	0.04	
Donaghadee ...		29.83	47	ESE	4	m	29.76	- .15	48	48	+ 3	S	5	f	3	m	#	50	44	0.02	
Liverpool (Bidston)		29.85	59	SE	1	0	29.88	- .05	51	48	+ 8	SSE	2	b	2	0	#	61	43	0.01	
Holyhead ...		29.83	55	Z	0	of	29.85	- .03	50	48	- 2	S	3	ogu	2	of	#	60	48	0.04	
Parsonstown ...		29.75	56	Z	0	c	?	?	49	48	+ 1	SE	1	r	#	c, o	#	60	48	0.02	
Valencia ...		29.72	52	SSE	3	om	29.72	- .08	51	49	+ 1	NW	3	b	4	om	#	55	47	0.34	
Roche's Point ...		29.78	51	SSE	3	c	29.76	- .09	51	50	0	SW	3	c	3	c, p	#	55	49	0.10	
Pembroke (St. Ann's Hd.)		29.82	50	SE	3	0	29.89	+ .01	49	49	0	SW	5	og	4	0	#	52	46	0.08	
FRANCE & BELGIUM.																					
Scilly ...		29.78	52	SSE	2	f	29.88	+ .06	53	52	+ 1	SSW	4	c	3	f	#	54	48	0.15	
Prawle Point ...		29.87	50	SE	3	c	29.97	+ .10	50	49	- 4	WSW	3	0	3	r, c	#	57	47	0.14	
Jersey (St. Aubin's)		29.90	56	S	2	bc, p	30.03	+ .12	54	51	- 3	SSE	3	bc	3	bc, og, p	#	59	45	0.04	
Hurst Castle ...		29.84	60	NHE	1	b	30.01	+ .16	52	50	+ 1	SSW	3	bc	3	b	#	64	47	-	
Dungeness ...		29.87	55	S	1	b	30.01	+ .08	51	49	- 7	N	1	bc	0	bc, b	#	64	46	-	
GERMANY & HOLLAND.																					
North Foreland		29.89	58	S	2	c	30.01	+ .09	59	54	- 3	N	1	bc	1	b, c	#	63	48	-	
London (Brixton) ...		29.86	61	WSW	1	c	30.00	+ .08	54	50	+ 2	SSW	2	c	#	c, u, bc	#	76	47	-	
Oxford ...		29.88	57	N	1	c	29.98	+ .03	51	49	+ 8	SSE	1	bc	#	bc, c	#	68	43	-	
Cambridge ...		29.85	66	SE	2	bc	29.98	+ .03	55	51	+ 11	S	2	bc	#	bc	#	75	43	-	
Yarmouth ...		29.91	52	SE	2	b	29.95	- .04	55	52	+ 7	NW	2	bc	2	b	#	55	46	-	
FRANCE & BELGIUM.																					
Cuxhaven ...		30.10	54	E	2	b	30.16	+ .03	47	45	- 1	SE	2	b	#	b	#	59	45	-	
Berlin ...		30.14	55	Z	0	b	30.19	+ .03	45	42	- 3	Z	0	b	#	b	#	63	39	-	
Wiesbaden ...		#	#	#	#	#	30.11	+ .01	50	46	- 6	Z	0	b	#	#	#	70	45	-	
Munich ...		#	#	#	#	#	30.13	- .00	45	42	0	E	1	b	#	#	#	63	34	-	
The Helder ...		30.01	60	ESE	1	b	30.04	- .03	55	50	+ 2	SSE	2	b	1	b	#	64	52	-	
FRANCE & BELGIUM.																					
Brussels (g.m.) ...		#	#	#	#	#	30.03	+ .03	59	50	- 2	SW	1	c	#	b	#	76	51	-	
Cape Gris Nez ...		29.88	61	S	1	b	29.98	+ .07	51	50	- 8	SW	1	c	1	b	#	75	48	-	
Paris ...		29.94	66	SSW	2	bc	30.03	+ .06	50	48	- 4	N	1	bc	#	bc	#	75	46	-	
Brest ...		?	54	SSW	3	c	?	?	51	51	- 2	SSW	2	c	3	c	#	59	51	-	
Lorient ...		29.92	54	S	4	bc	30.01	+ .15	51	50	- 3	S	3	bc	2	bc	#	61	48	0.04	
FRANCE & BELGIUM.																					
Rocheport ...		29.98	56	N	2	0	30.06	+ .13	53	52	- 2	NHE	2	c	#	0	#	73	42	-	
Belfort ...		?	67	E	1	b	?	?	49	47	?	E	1	b	#	b	#	76	44	-	
Lyon ...		29.98	62	SSE	2	c	30.08	- .00	52	47	+ 2	SE	1	b	#	c	#	72	46	-	
Nice ...		30.02	59	SW	1	b	30.06	+ .01	57	47	0	E	1	bc	0	b	#	68	50	-	
Perpignan ...		29.98	51	SE	1	0	30.06	+ .05	52	52	0	NE	1	0	#	0	#	68	44	-	
Biarritz ...		29.93	54	N	3	0	29.98	+ .05	54	52	- 2	E	2	c	2	0	#	63	50	0.24	
PENINSULA.																					
Cerunna ...		29.97	53	N	4	b	29.96	+ .03	56	51	+ 3	NW	4	bc	#	b	#	63	50	0.08	
Lisbon ...		30.28	58	NW	2	bc	30.19	- .10	58	56	+ 1	WSW	2	c	3	bc	#	63	57	-	
Azores (P. Delgada)																					

For Explanation of Columns, see bottom of last page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.

† Received too late for Insertion in Charts on next page



# WEATHER CHARTS

FOR

MONDAY, 9<sup>th</sup> APRIL, 1894.

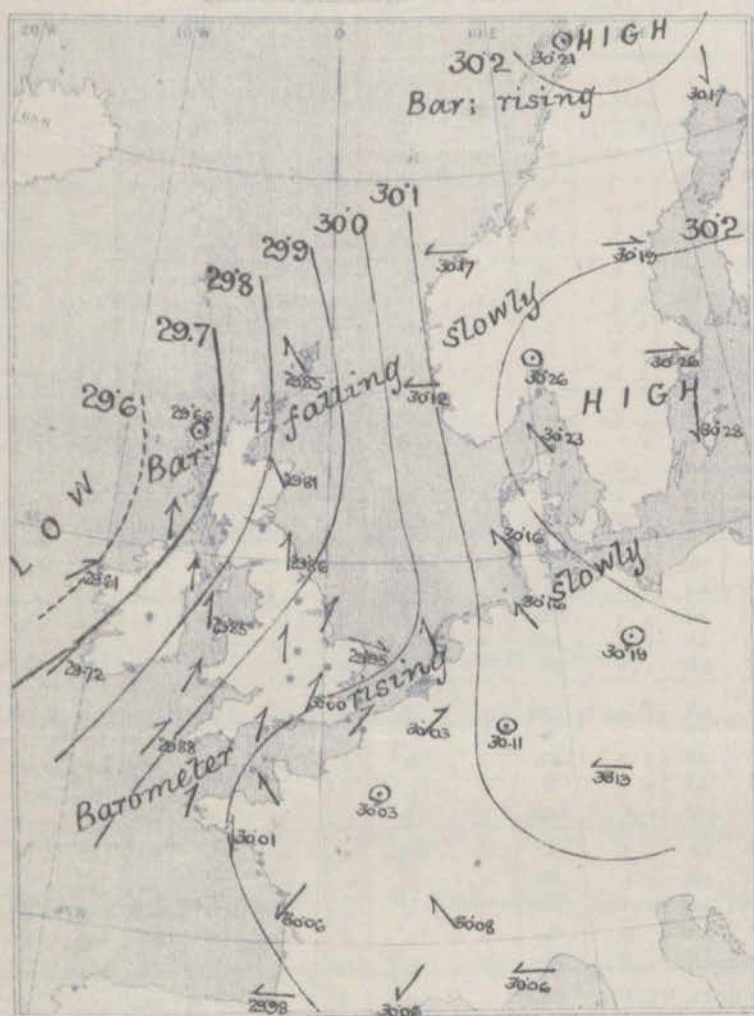
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉  
Force 8 to 10 → : Force 1 to 4 → : }

SEA—Rough ■ : High ■

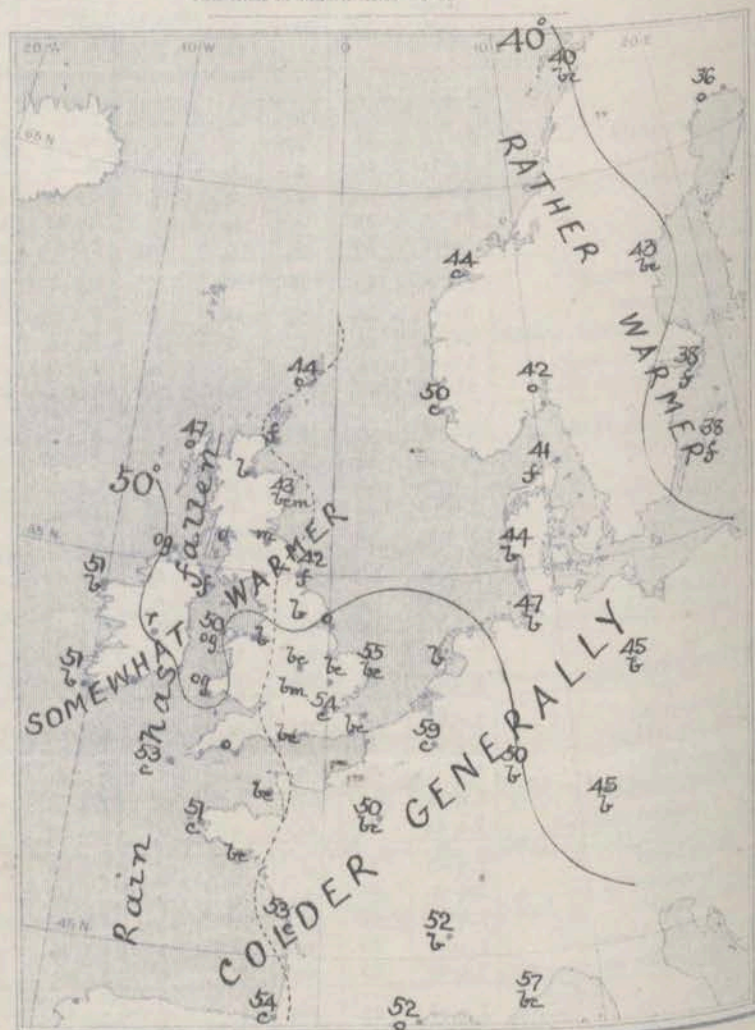


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE (20 years 1871-90). (Inches.)	TEMPERATURE (20 years 1871-90).				RAINFALL (25 years 1866-90). (Inches.)	BRIGHT SUNSHINE (10 years 1881-90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Sandwich Head	29.840	41.7	40.2	46.0	36.7	2.07	—	30
Stornoway	29.824	43.8	42.3	48.9	37.2	2.05	152.3	—
Wick	29.818	43.1	41.2	48.9	36.9	1.68	—	—
Narra	29.814	42.7	40.4	50.9	37.3	1.26	—	34
Aburdeen	29.808	43.2	40.7	49.3	38.0	2.16	143.0	—
Louth	29.803	44.1	41.7	52.0	37.9	1.57	—	—
Shilloh	29.800	43.5	41.4	49.0	38.6	1.80	—	—
Spurn Head	29.803	44.0	42.3	48.4	40.3	1.45	—	31
York	29.815	43.8	41.6	50.5	37.7	1.75	128.6	—
Loughborough	29.819	44.4	42.1	55.1	38.1	1.78	—	—
Adrianan	29.817	44.4	42.1	51.5	39.5	2.14	—	—
Doughladoo	29.810	44.6	42.9	51.0	40.0	1.92	—	—
Hollyhead	29.807	45.8	43.8	51.4	42.0	1.90	—	39
Liverpool	29.807	45.0	42.1	52.6	40.4	1.55	159.0	41
Parsonstown	29.804	45.0	42.5	54.6	38.0	2.04	—	—
Valencia	29.804	48.2	45.0	53.0	42.8	3.83	169.5	44
Race's Point	29.801	46.8	44.5	53.7	42.1	3.24	—	—
Pembroke	29.802	45.2	43.1	50.4	41.0	1.91	182.9	—
Swilly	29.806	48.0	40.6	52.1	44.7	2.55	—	—
Prace's Point	29.806	46.2	44.6	51.0	40.7	2.07	187.0	46
Jersey	29.802	48.5	45.0	54.2	43.5	2.08	—	—
Harbour Castle	29.801	45.5	44.2	52.1	41.0	1.83	—	—
Isle	29.801	46.3	44.0	51.1	41.5	1.77	124.3	39
LONDON	29.808	46.3	44.0	56.0	39.7	3.54	141.2	34
Osford	29.801	44.4	42.1	54.0	38.9	1.78	147.8	36
Canterbury	29.800	45.0	43.0	55.8	37.3	1.69	—	—
Warrington	29.800	44.7	43.0	49.1	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.2 in. and upwards, over the Baltic and the South of Sweden, and also in the north of Norway.  
 Lowest, 29.6 in. and less, in a shallow depression lying off our extreme northwest coasts.  
 Gradients slight. Barometer falling in the northern part of the United Kingdom, but rising elsewhere.

## TEMPERATURE

Highest, (1) 59° at the North Foreland and Bournemouth, and 55° at Cambridge and Yarmouth; (2) 57° at Nice and 56° at Perpignan.  
 Lowest, 36° at Haparanda, 38° at Stockholm and Viby, 40° at Rode, 41° at Skagen, and 42° at Greder, Leith, and Shields.  
 The maxima registered yesterday at some of the English stations were very high for the time of year; at Cambridge the thermometer rose to 75° and in London to 76°.

## WIND

S<sup>W</sup> (SE to SW) over our islands; light in force generally, but fresh at some of our western stations.  
 Light to moderate from the SE<sup>W</sup> in Denmark and from the E<sup>W</sup> in the west of Norway, but varying between W and N in Sweden.  
 Light from the E<sup>W</sup> over the southern parts of France and Germany.

## WEATHER

Fair or fine over the greater part of Western Europe, but dull at several of our western stations, with rain at Bournemouth.  
 Foggy in the south of Sweden and at the Sear.  
 In the course of the past 24 hours rain has fallen at most of our western and northern stations, but the quantity has been as a rule very small. A mock sun was seen at Wimbledon, at 6 pm, yesterday.

## SEA

Moderate to smooth.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Conditions are now favourable for the movement of depressions along our western coasts, and showery weather seems likely to extend shortly to most parts of the country.

# FORECASTS

For the 24 hours ending at NOON on 10<sup>th</sup> April, 1894.

## DISTRICTS.

## FORECASTS.

0	SCOTLAND NORTH	} S <sup>W</sup> winds, freshening, changeable, some showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	} Same as No 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	S <sup>W</sup> and S <sup>W</sup> winds, moderate, fair generally, but perhaps local showers.

## DISTRICTS.

## FORECASTS.

6	SCOTLAND WEST	} S <sup>W</sup> winds, moderate or fresh, cloudy, with local showers.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	} Same as Nos 0 and 1.
10	IRELAND SOUTH	

## WARNINGS

None issued.

The South Cone, as at documents 1, means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.  
 The North Cone, as at documents 1, means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.20	58	44	SE	2	bc	1	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	29.83	47	46	SE	3	1	3	Jersey ...	29.91	58	47	SW	2	0	2
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.89	61	53	E	1	bc	1
Ardrossan ...								North Foreland	29.92	62	54	SE	2	b	#
Malin Head ...	29.79	51	49	SE	3	0	1	London (Westminster)							
Belmullet ...	29.74	59	54	S	2	c	#	Yarmouth ...							
Holyhead ...								Rocheport ...	30.01	65	60	S	3	c	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine in Wales and the south and southeast of England, but dull in other parts of our Islands, with mist or fog in many places, and with showers on our northeast coasts. Fine and bright over the central parts of the Continent generally, as well as in Norway and Italy, foggy in the south of Scandinavia, dull in Russia, and also in Spain and the west of France, with rain at Lorient and Brest. A little rain falling later in the west and north of our Islands generally; a mock sun seen at Wimbledon at about 6 pm.

Temperature changed very irregularly. Morning readings, highest (11) 67° at Algiers, 64° at La Calle, and 63° at Brest; 62° at the North Foreland, 61° at Brussels, and 59° at Cape S. May. Lowest 28° at Archangel, 31° at Stockholm, and 38° at Haparanda and Hernösand; below 40° over Sweden and the northern and central parts of Russia generally. Daily maxima below 50° on our north and northeast coasts, and below 60° at most of our western stations, but thermometer rising as high as 75° at Cambridge and Paris, and 76° in London and at Brussels.

Wind light to moderate from the SE<sup>W</sup> or E<sup>W</sup> over our Islands, Denmark, the Netherlands and the northern parts of France. Calm over the greater part of Scandinavia; light from the E<sup>W</sup> in Russia; variable over central and southern Europe and the Mediterranean. Subsequently falling light and variable in the southeast of England; no important change occurring elsewhere.

Barometer highest 30.4 ins. and upwards over central Russia, 30.1 ins. and upwards in an anticyclone covering all the more northern and central parts of the Continent, and extending westwards over the greater part of the North Sea. Lowest 29.8 ins. and less in a shallow depression lying to the southwestward of our Islands. Depression subsequently spreading northward and eastward and barometer falling in all parts of the United Kingdom; small shallow disturbances moving northeastward across the Channel and the southeast of England.

### SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 1<sup>ST</sup> TO 7<sup>TH</sup> APRIL 1894.

Although the distribution of pressure, and the winds over northwestern Europe (including the British Islands) have been mainly anticyclonic the system has been of a somewhat complex character, and at times shallow depressions have advanced from the southwest over Spain, the Bay of Biscay and France, but on reaching the southern parts of the United Kingdom have either filled up or moved away again in a northwesterly direction. Thus while the wind has been chiefly E<sup>W</sup> in direction, and the weather fine and dry, there have been occasional showers over our southern and western districts sometimes accompanied by thunder and lightning, and over the southwestern parts of the Iberian Peninsula the fall of rain has been heavy.

Temperature has varied a good deal — as a rule the nights have been cold and hazy or foggy, the days bright and warm, and the winds light; on Friday, however, the E<sup>W</sup> wind blew very freshly over the southern parts of the Kingdom, a good deal of cloud was experienced and the day — maxima of temperature were lower by many degrees than those of the earlier days. On Saturday, however, there was a recovery, the day being fine and warm.

#### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on Tuesday 10<sup>th</sup> April, 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.		Weather	At 32° Fahr. and M. S. L.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
			At 32° and M.S.L.	Dry Bulb.			Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Dirac.	Force (0 to 12.)	Weather.	Max.	Min.
Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.				
SCANDINAVIA.																					
Haparanda ...	30.25	34	N	2	b	30.33	+ .16	35	33	- 1	E	2	0	#	b	#	41	32	-		
Hernösand ...	30.28	32	Z	0	b	30.32	+ .13	35	32	- 8	Z	0	0	#	b	#	52	30	-		
Stockholm ...	30.22	43	Z	0	b	30.31	+ .05	42	37	+ 4	E	2	0	#	b	#	52	36	-		
Wisby ...	30.26	36	WNW	4	b	30.29	+ .01	35	35	- 3	SW	2	0	#	b	#	45	34	-		
Bodo ...	30.24	41	S	1	b	30.15	- .06	42	37	+ 2	ENE	4	0	#	b	#	43	36	-		
Christiansund ...	30.07	51	ESE	2	c	30.08	- .09	50	46	+ 6	ESE	1	0	#	c	#	54	43	-		
Skudesnaes ...	30.09	50	SSE	4	0	30.14	+ .02	46	44	- 4	S	6	0	#	0	#	51	45	-		
Færder (Christiania Fjord)	30.23	39	SSW	2	f	30.25	- .01	39	39	- 3	Z	0	0	#	f	#	43	39	-		
Skagen (The Scaw)	30.20	46	SSW	1	b	30.24	+ .01	45	44	+ 4	S	1	0	#	b	#	55	39	-		
Fanø ...	30.13	48	SE	4	b	30.16	+ .00	46	44	+ 2	SE	4	0	#	b	#	66	44	-		
Sumburgh Head	29.76	46	SE	2	c	29.91	+ .06	48	47	+ 4	S	1	0	#	c	#	50	44	-		
Stornoway ...	29.66	49	SW	4	0	29.73	+ .07	50	48	+ 3	S	4	0	#	0	#	53	45	0.04		
Wick ...	29.75	50	S	1	b	29.81	+ .14	45	41	+ 1	S	1	0	#	b	#	55	43	0.01		
Nairn ...	29.74	55	WSW	2	bc	29.85	+ .11	55	50	+ 10	S	2	0	#	bc	#	63	43	-		
Aberdeen ...	29.83	51	S	3	c	29.97	+ .16	50	47	+ 7	S	3	0	#	bc	#	55	41	-		
Leith ...	29.84	52	SW	3	bc	29.94	+ .11	55	50	+ 13	SE	2	0	#	bc	#	57	40	0.01		
Shields ...	29.90	58	SW	2	c	30.01	+ .15	49	47	+ 7	SSW	2	0	#	f, o, c	#	61	38	-		
Spurn Head ...	29.96	56	SW	2	bc	30.06	+ .13	48	46	- 2	SSE	2	0	#	bc	#	62	45	-		
York ...	29.94	59	S	2	bc	30.05	+ .15	47	46	0	S	1	0	#	bc	#	63	42	-		
Loughborough ...	29.98	59	WSW	2	bc	30.07	+ .12	46	45	- 5	SE	1	0	#	bc	#	64	38	-		
BRITISH ISLANDS.																					
Ardrossan ...	29.80	48	SSW	3	bc	29.90	+ .14	49	48	+ 1	SSE	3	0	#	o, bc	#	49	40	0.02		
Malin Head ...	29.72	51	SW	3	bc	29.67	+ .04	50	48	0	S	6	0	#	c, bc	#	53	47	0.04		
Belmullet ...	29.70	52	SSW	3	b	29.61	+ .00	53	52	+ 2	SSE	4	0	#	bc, b	#	54	48	0.07		
Donaghadee ...	29.83	51	SSW	4	bc	29.68	+ .12	48	48	0	S	6	0	#	bc	#	55	48	0.04		
Liverpool (Bilston)	29.93	58	SW	2	bc	30.00	+ .12	51	47	0	ESE	3	0	#	bc	#	63	44	-		
Holyhead ...	29.91	50	SSW	5	cm	29.93	+ .08	51	48	+ 1	S	5	0	#	cp, cm	#	55	47	-		
Parsonstown ...	29.78	56	SE	2	0	29.75	+ .04	51	48	+ 2	SE	3	0	#	0	#	66	48	0.02		
Valencia ...	29.73	53	SSE	4	cm	29.65	- .07	53	52	+ 2	SSE	5	0	#	c, cm	#	69	50	0.63		
Roche's Point ...	29.84	52	SSW	4	cm	29.76	+ .00	51	50	0	S	7	0	#	cm	#	55	50	0.20		
Pembroke (St. Ann's Hd.)	29.94	51	SW	4	b	29.94	+ .05	48	48	- 1	SSE	5	0	#	b	#	52	48	-		
Scilly ...	29.96	53	S	4	bc	29.89	+ .01	52	50	- 1	SSE	5	0	#	bc	#	58	50	-		
Prawle Point ...	30.07	50	SSE	2	b	30.01	+ .04	52	49	+ 2	ESE	2	0	#	b	#	55	47	-		
Jersey (St. Aubin's)	30.03	57	SSW	2	b	30.04	+ .01	58	53	+ 4	SSW	2	0	#	bc	#	60	46	-		
Hurst Castle ...	30.05	54	S	1	b	30.06	+ .05	52	49	0	E	3	0	#	b	#	55	50	-		
Dungeness ...	30.03	52	W	2	bc	30.08	+ .07	55	51	+ 4	N	1	0	#	bc	#	58	43	-		
North Foreland	30.03	56	S	2	b	30.10	+ .09	54	52	- 5	W	1	0	#	b	#	62	47	-		
London (Wickton) ...	30.03	59	SSW	2	b	30.09	+ .09	55	50	+ 1	S	1	0	#	bc, b, cm	#	68	39	-		
Oxford ...	30.04	52	S	2	b	30.08	+ .10	49	46	- 2	SSE	1	0	#	b	#	62	36	-		
Cambridge ...	30.01	60	S	1	b	30.09	+ .11	49	48	- 6	SSW	1	0	#	b	#	68	36	-		
Yarmouth ...	29.99	55	S	3	b	30.08	+ .13	51	49	- 4	WNW	1	0	#	b	#	62	45	-		
GERMANY & HOLLAND.																					
Cuxhaven ...	30.10	48	SE	3	b	30.14	- .02	48	46	+ 1	SE	2	0	#	b	#	57	47	-		
Berlin ...	30.17	56	E	2	b	30.22	+ .03	47	44	+ 2	ESE	2	0	#	b	#	63	43	-		
Wiesbaden ...	#	#	#	#	#	30.12	+ .01	48	44	- 2	Z	0	0	#	#	#	70	45	-		
Munich ...	30.13	50	E	2	b	30.17	+ .04	45	41	0	NE	1	0	#	b	#	63	32	-		
The Helder ...	30.11	50	W	1	c	30.16	+ .12	49	48	- 6	S	1	0	#	c	#	64	48	-		
FRANCE & BELGIUM.																					
Brussels (9 a.m.) ...	#	#	#	#	#	30.10	+ .07	53	50	- 6	ENE	3	0	#	0	#	70	51	0.04		
Cape Gris Nez ...	30.03	52	Z	0	b	30.05	+ .07	51	50	0	S	1	0	#	b	#	57	48	-		
Paris ...	30.02	66	NNW	1	0	30.07	+ .04	50	49	0	N	1	0	#	0	#	73	48	-		
Brest ...	?	54	SSW	3	bc	?	?	50	48	- 1	ESE	2	0	#	bc	#	57	46	-		
Lorient ...	30.04	55	SSW	3	b	30.00	- .01	52	50	+ 1	E	4	0	#	b	#	63	46	-		
ROCHEFORT.																					
Belfort ...	30.01	59	NW	4	b	30.01	- .05	52	51	- 1	ESE	3	0	#	b	#	70	48	-		
Lyons ...	?	65	E	1	bc	?	?	52	47	+ 3	E	1	0	#	bc	#	77	49	-		
Nice ...	30.00	64	S	1	bc	30.09	+ .01	52	45	0	W	1	0	#	bc	#	74	46	-		
Perpignan ...	30.02	58	SW	2	bc	30.05	- .01	60	48	+ 3	E	1	0	#	bc	#	70	52	-		
Biarritz ...	30.03	58	E	2	bc	30.07	+ .01	49	46	- 3	W	2	0	#	bc	#	66	41	-		
Corunna ...	29.99	58	SSE	2	bc	29.98	+ .00	60	52	+ 8	SSE	3	0	#	bc	#	73	52	0.16		
PENINSULA.																					
Lisbon ...	30.01	54	NNW	4	b	30.07	+ .11	57	53	+ 1	ENE	1	0	#	b	#	63	50	-		
Azores (P. Delgada)	30.17	56	W	2	bc	30.25	+ .06	54	51	- 4	W	2	0	#	bc	#	61	52	-		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR TUESDAY, 10<sup>TH</sup> APRIL, 1894.

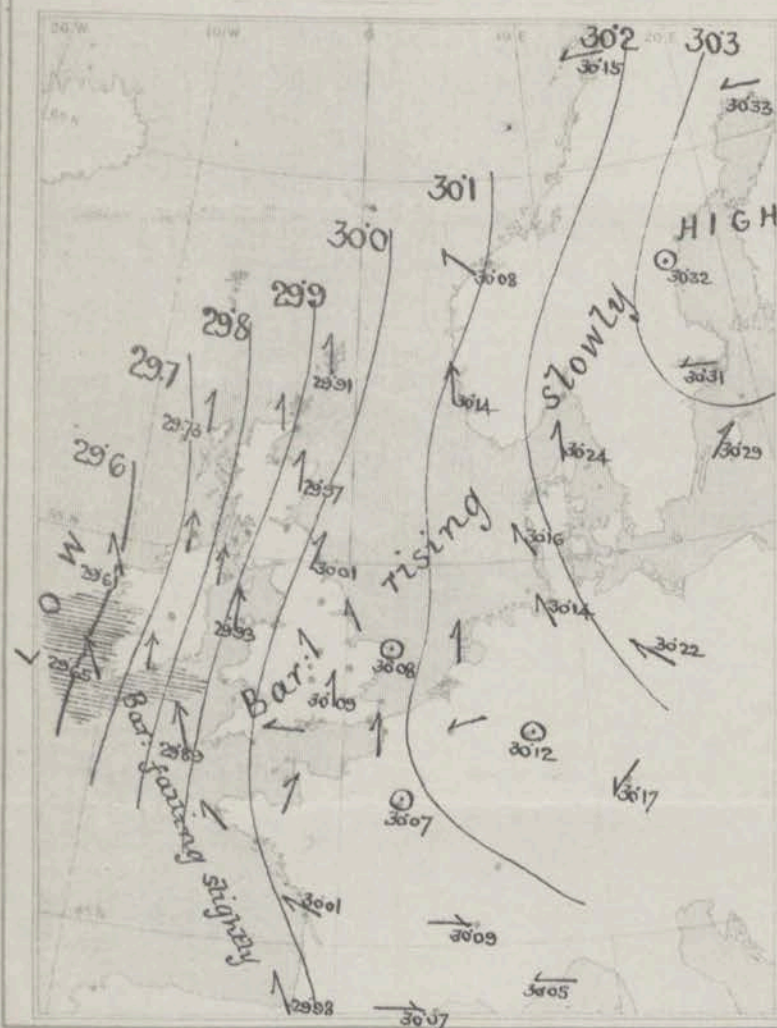
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ☉  
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough : High :

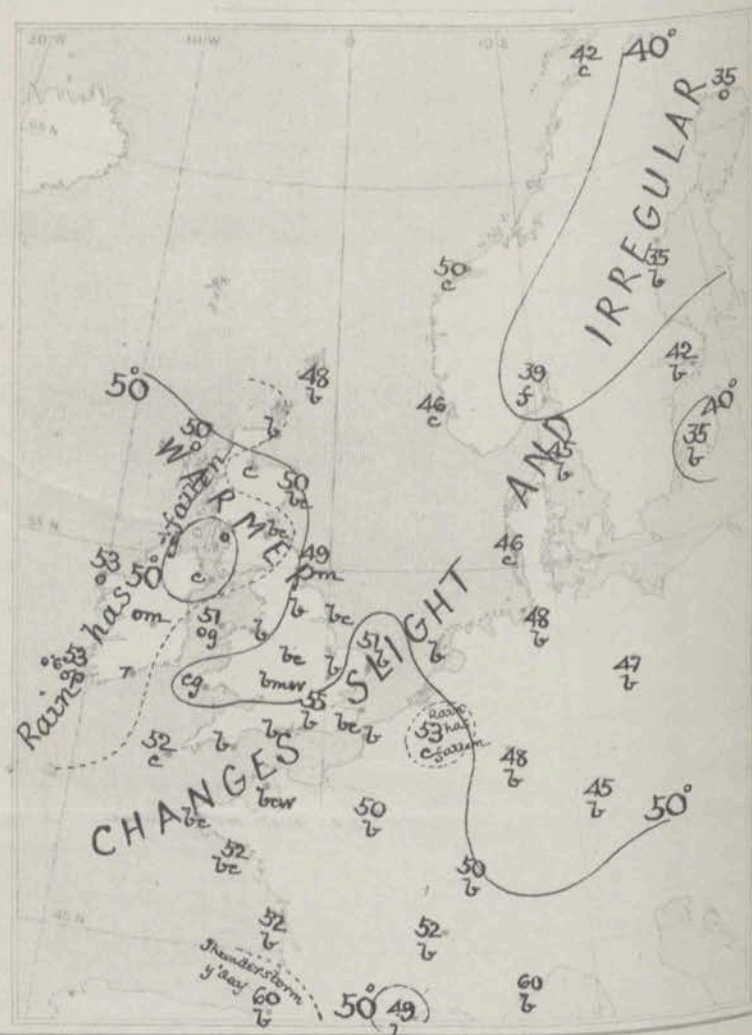


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.5.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871-90). (Inches.)	TEMPERATURE. (20 years 1871-90).				RAINFALL. (25 years 1866-90). (Inches.)	BRIGHT SUNSHINE (10 years 1881-90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours	Per cent. of possible.
Southburgh Head	29.840	41.7	40.2	46.0	36.7	2.07	—	36
Stornoway	29.824	43.8	42.3	48.0	37.2	2.65	152.3	—
Wick	29.848	43.1	41.5	48.0	36.0	1.08	—	—
Nairn	29.848	42.7	40.4	50.0	37.5	1.26	—	34
Aberdeen	29.878	43.2	40.7	49.3	38.0	2.16	143.0	—
Leith	29.861	44.1	41.7	52.0	37.0	1.57	—	—
Shields	29.866	43.5	41.4	49.0	38.6	1.80	—	—
Spurn Head	29.863	44.0	42.3	48.4	40.3	1.45	—	27
York	29.875	43.8	41.6	53.5	37.7	1.73	128.0	—
Loughborough	29.870	44.1	42.1	55.1	38.1	1.78	—	—
Ardrossan	29.877	44.4	42.1	51.5	39.5	2.14	—	—
Donaghadee	29.870	44.6	42.0	51.0	40.0	1.92	—	—
Red Head	29.857	45.8	43.8	51.4	42.0	1.90	—	—
Larneport	29.867	45.0	42.1	52.6	40.4	1.55	—	39
Portmarnock	29.864	45.0	42.5	54.6	38.0	2.04	159.0	41
Valencia	29.854	48.2	45.6	53.0	42.8	3.83	160.5	—
San Juan de los Rios	29.851	46.8	44.5	53.7	42.1	3.24	—	14
Portlaoise	29.852	45.2	43.4	50.4	41.0	1.04	182.0	—
Scilly	29.850	48.6	46.0	52.1	44.7	2.25	—	—
Princes Point	29.876	46.2	44.6	51.0	40.7	2.07	—	46
Jersey	29.872	48.5	45.9	54.2	45.5	2.08	187.0	—
Burgh Castle	29.871	45.3	44.2	52.1	41.0	1.83	—	—
Dover	29.861	46.3	44.0	51.1	41.5	1.77	—	30
LONDON	29.878	46.1	43.2	56.0	39.7	1.84	124.3	51
Oxford	29.884	44.4	42.1	54.0	38.0	1.78	141.2	50
Cambridge	29.880	45.2	43.0	55.8	37.3	1.09	147.5	—
Yarmouth	29.872	44.7	43.0	49.1	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest 30.3 ins. and upwards over the Gulf of Bothnia.  
Lowest 29.6 ins. and less in a depression lying off the west of Ireland.  
Gradients moderate over western parts of the United Kingdom, but slight elsewhere.  
Barometer rising generally, but falling slightly at some of the Irish stations, and also in the west of France.

## TEMPERATURE

Highest 60° at Nice and Biarritz, 58° at Jersey, 57° at Lisbon, and 55° at Nain, Leith and in London.  
Lowest 35° at Haparanda, Herrisand and Wisby, 34° at Trondheim, 42° at Rode and Stockholm, 44.5° at Skagen, & A. 45° at Loughborough.  
The highest of the maxima registered over our Islands yesterday were 60° in London and at Cambridge, and 61° at Loughborough.

## WIND

S<sup>4</sup> over the greater part of our Islands and the North Sea, and fresh to strong in force on our western coasts.  
Light from the E<sup>2</sup> at some of the Channel stations, and from the SE<sup>2</sup> in the west of France.  
Variable over the central and southern parts of France, and also in the S. of Scandinavia; E<sup>2</sup> in the N. of Scandinavia.

## WEATHER

Cloudy or overcast in the western parts of our Islands, with rain at some of the Irish stations.  
Fine and bright in nearly all parts of western Europe.  
In the course of the past 24 hours rain has fallen in Ireland and the west and north of Scotland, the amounts being mostly very small, but large (0.6 inch) at Valencia Island. A thunderstorm occurred last evening at Biarritz.

## SEA

Rather rough off the south of Ireland, but moderate to smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Depressions are still moving northwards along our extreme western coasts, and a continuance of unsettled weather seems probable in Ireland and the west of Scotland. The eastern parts of the Kingdom are not likely to be materially affected just at present.

## FORECASTS

For the 24 hours ending at NOON on 11<sup>TH</sup> APRIL 1894.

### DISTRICTS.

### FORECASTS.

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

S<sup>3</sup> winds, freshening, fine to showery.

Same as N<sup>o</sup> 5.

S<sup>2</sup> and SE<sup>2</sup> winds, light, fine, warm.

### DISTRICTS.

### FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

S<sup>2</sup> winds, fresh, cloudy, local showers.

S<sup>2</sup> winds, strong, unsettled, rain at times.

### WARNINGS

None Issued.

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is inserted in preference to the South Cone.  
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is inserted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.10	51	47	SE	2	c	2	Valencia ...	29.76	51	53	SSE	4	c	5
Sumburgh Head ...	29.77	50	48	SE	2	c	4	Scilly ...	29.93	51	54	S	4	bc	2
Stornoway ...	29.62	52	49	SW	4	o	4	Jersey ...	30.05	60	55	S	2	c	2
Aberdeen ...	29.82	49	46	SSE	2	bc	4	Hurst Castle ...	30.04	55	52	SW	2	bc	1
Shields ...	29.86	52	52	SSW	3	o	2	Dungeness ...	30.03	56	52	W	2	bc	1
Ardrossan ...	29.77	48	48	ESE	3	o	3	North Foreland ...	30.02	60	56	S	1	bc	#
Malin Head ...	29.68	52	48	WSW	2	c	1	London (Westminster) ...	30.00	46	55	SSW	3	c	3
Belmullet ...	29.70	54	50	SW	4	bc	#	Yarmouth ...	29.98	58	53	S	3	bc	#
Holyhead ...	29.88	52	50	SSW	6	cp	4	Rocheport ...	30.03	65	60	N	3	bc	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

*Weather* in morning fair or fine over the greater part of our Islands and the Continent, but foggy at several of our own northern stations, as well as over the Baltic and the north of Denmark; dull in Wales, central Ireland and the southwest of England, with rain at Parsonstown. Dull also at the Russian and several of the Spanish stations; and rainy at Madrid. Showers falling between Ireland and the west and north of Scotland generally, and heavy rain at Valencia. Thunderstorm occurring at Biarritz in evening.

*Temperature* fallen a little over central Europe, risen in most other regions. Morning readings highest (1) 63° at Trieste, LaCalle and Spoz, and 61° at Palma and Algiers; (2) 59° at the North Foreland and Brussels, and 55° at Cambridge and Yarmouth (above 50° over the southern parts of our Islands generally). Lowest 30° at Hangö, 32° at Archangel, and 34° at Moscow, and below 40° in many parts of Sweden and Russia. Rising during day to 60° or more in several parts of Great Britain, and reaching 68° in London, and at Cambridge; exceeding 70° in France.

*Wind* S.W. over our Islands, and fresh in force at some of our western stations. S.E. in Denmark and E. in the west of Norway, but varying between W. and N. in Sweden. Variable but chiefly E. over Germany and also in the south of France, N.E. or N. in Spain; variable in Italy and Austria. No important change occurring over western Europe during day.

*Barometer* highest 30.3 ins. and upwards in the extreme north of Russia, 30.2 ins. and upwards over North Germany, the Baltic and the north of Sweden. Lowest 29.6 ins. and less in a depression lying off our extreme northwest coasts; 29.9 ins. and less in a large shallow system over the Black Sea and Asia Minor, and also in two small disturbances over Algeria. Depression in northwest subsequently moving northwards, and barometer rising in most parts of the United Kingdom.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 8 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on

Wednesday, 11<sup>th</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.		
	At 3 <sup>30</sup> and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 3 <sup>30</sup> Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)				Max.	Min.			
	Inch.	°				Inch.	Inch.	°	°	°						°	°		Inch.	
<b>SCANDINAVIA.</b>																				
Haparanda ...	30.34	51	Z	0	b	30.47	+1.14	25	25	-10	Z	0	0	#	b	#	41	?	-	
Hernösand ...	30.37	33	Z	0	b	30.46	+1.14	31	31	-4	Z	0	f	#	b	#	28	27	-	
Stockholm ...	30.36	42	Z	0	0	30.39	+0.08	43	39	+1	Z	0	c	#	0	#	50	36	-	
Widby ...	30.36	33	ENE	3	f	30.58	+0.09	35	35	0	NE	4	f	#	f	#	45	30	-	
Bodo ...	30.17	41	ENE	4	c	30.22	+0.07	42	42	+6	E	2	bc	1	c	#	48	37	-	
Christiansund ...	30.17	51	HE	1	c	30.21	+1.13	50	47	0	ESE	1	m	1	c	#	59	48	-	
Skudesnaes ...	30.20	46	S	4	b	30.19	+0.05	50	46	+4	?	1	b	2	c, b	#	?	43	-	
Færder (Christians Fjord)	30.29	45	ENE	2	c	30.32	+0.07	44	43	+5	ENE	2	b	2	c	#	48	39	-	
Skagen (The Seaw)	30.29	45	S	1	b	30.30	+0.06	47	45	+2	Z	0	b	0	b	#	52	45	-	
Panø ...	30.17	51	SE	4	b	30.20	+0.04	48	45	+2	SE	4	b	#	b	#	368	45	-	
<b>BRITISH ISLANDS.</b>																				
Sumburgh Head	29.92	48	SSE	3	bc	29.98	+0.07	48	46	0	SSE	1	c	4	b, bc	#	53	41	-	
Stornoway ...	29.74	48	SW	6	r	29.84	+1.1	49	49	-1	S	4	r	4	r	1.7	52	46	0.06	
Wick ...	29.87	49	S	5	0	29.92	+0.05	51	48	+6	S	3	c	1	0	#	56	45	-	
Nairn ...	29.85	58	S	1	c	29.90	+0.05	57	53	+2	S	1	c	1	c	#	59	51	-	
Aberdeen ...	29.96	47	SSE	2	c	29.99	+0.02	53	49	+3	SSE	1	bm	2	c	1.7	56	44	-	
Leith ...	29.93	57	S	1	c	29.96	+0.02	50	48	-5	ESE	1	bc	#	c	#	63	41	-	
Shields ...	29.91	56	ESE	3	c	29.99	-0.02	51	48	+2	SSE	2	m	2	c	#	65	44	-	
Spurn Head ...	30.01	44	ESE	3	b	30.00	-0.06	51	48	+3	ENE	2	b	3	b, br	#	55	46	-	
York ...	30.01	64	S	1	b	30.00	-0.05	53	50	+6	SE	1	b	#	b	#	67	46	-	
Loughborough ...	29.99	65	SSE	2	bc	29.98	-0.09	52	49	+6	SE	1	bmw	#	bc	#	71	42	-	
Ardrossan ...	29.90	51	SSE	3	0	29.92	+0.02	53	52	+4	HE	2	om	1	0	#	53	48	0.04	
Malin Head ...	29.75	54	S	6	og	29.86	+1.19	50	49	0	S	2	0	0	0, og	#	55	49	-	
Belmullet ...	29.71	54	SW	3	bc	29.87	+1.66	51	49	-2	SW	2	0	#	op, bc	#	56	49	0.06	
Donaghadee ...	29.89	54	SW	6	0	29.92	+0.04	49	49	+1	SSE	3	0	2	0	#	55	47	0.03	
Liverpool (Bidston)	29.95	62	SSE	1	c	29.92	-0.08	56	52	+5	ESE	2	c	1	c	#	66	51	-	
Holyhead ...	29.97	56	S	3	c, m	29.89	-0.04	59	51	+8	HE	1	bc	0	c, c, m	#	60	50	0.10	
Parsonstown ...	29.80	52	SE	1	0	29.87	+1.12	49	48	-2	Z	0	or	#	0	0.0	53	46	0.24	
Valencia ...	29.76	54	SSE	3	og, m	29.85	+1.44	50	49	-3	HW	1	og	2	om, gm	2.4	57	48	0.01	
Roche's Point ...	29.81	51	SW	4	f	29.85	+0.09	50	50	-1	HE	2	r	4	r, f, r	#	52	49	0.30	
Pembroke (St. Ann's Hd.)	29.92	52	S	3	bc	29.85	-0.09	52	51	+4	SSE	3	bcm	2	bc	7.5	55	48	-	
Scilly ...	29.89	52	S	2	r	29.77	-1.12	52	51	0	SSE	4	op	4	c, om, r	0.8	57	49	0.25	
Prawle Point ...	29.96	54	E	3	c	29.88	-1.13	55	53	+3	E	1	m	0	c, l	#	57	46	-	
Jersey (St. Aubin's)	29.97	64	SW	3	c	29.88	-1.16	59	54	+1	ESE	2	bm	2	b, l, r, d	#	69	47	0.09	
Hurst Castle ...	30.01	57	ESE	2	b	29.91	-1.15	54	52	+2	ESE	3	c	2	b, l	#	61	?	-	
Dungeness ...	30.02	51	E	4	c	29.92	-1.16	53	50	-2	E	3	bw	1	bc, e, l	#	59	43	-	
<b>GERMANY &amp; HOLLAND.</b>																				
North Foreland	30.05	52	E	2	b	29.96	-1.14	58	52	+4	SE	2	b	1	b	#	58	49	-	
London (Brixton) ...	30.01	65	SSE	2	b	29.94	-1.15	54	50	-1	SE	2	bm	#	bc, bl	8.3	73	46	-	
Oxford ...	30.01	60	S	1	b	29.93	-1.15	57	51	+5	HE	1	c	#	b, p	#	69	46	0.06	
Cambridge ...	30.03	63	ESE	3	b	29.97	-1.12	52	49	+3	SE	1	b	#	b	10.5	73	40	-	
Yarmouth ...	30.06	51	SE	2	b	29.98	-1.10	50	48	-1	ENE	2	b	2	b	#	54	45	-	
Cuxhaven ...	30.17	56	SE	3	b	30.18	+0.04	50	47	+2	SE	4	b	#	b	#	60	47	-	
Berlin ...	30.21	59	Z	0	b	30.22	+0.00	48	45	+1	E	2	b	#	b	#	63	45	-	
Wiesbaden ...	?	?	?	?	?	30.05	-0.07	51	48	+3	E	1	c	#	?	#	70	46	-	
Munich ...	30.12	51	E	3	b	30.08	-0.09	44	40	-1	E	2	b	#	b	#	64	?	-	
The Helder ...	30.15	52	ENE	1	b	30.06	-1.10	52	49	+3	E	1	bc	1	b	#	57	48	-	
<b>FRANCE &amp; BELGIUM.</b>																				
Brussels (9 a.m.) ...	?	?	?	?	?	29.98	-1.12	59	52	+6	ESE	1	c	#	c	#	68	51	-	
Cape Gris Nez ...	30.01	58	SE	3	b	29.92	-1.13	58	55	+7	SSE	1	bc	1	b	#	59	51	-	
Paris ...	30.00	67	H	2	b	29.93	-1.14	52	49	+2	E	1	0	#	b	#	77	48	-	
Brest ...	?	56	S	2	bc	?	?	52	51	+2	SW	3	r	4	bc	#	61	50	-	
Lorient ...	29.97	57	SSE	4	bc	29.89	-1.11	50	50	-2	ENE	2	m	3	bc	#	64	48	-	
Rochefort ...	30.02	60	HW	1	b	29.78	-1.23	55	53	+3	HW	3	c	#	b	#	71	50	-	
Belfort ...	?	67	E	2	c	?	?	55	50	+3	E	3	b	#	c	#	?	47	-	
Lyons ...	30.00	67	E	1	bc	30.00	-0.09	55	46	+3	S	1	b	#	bc	#	71	48	-	
Nice ...	30.00	62	SW	1	b	30.01	-0.04	59	48	-1	ENE	1	b	0	b	#	72	51	-	
Perpignan ...	30.02	60	SE	1	bc	30.00	-0.07	55	50	+6	Z	0	0	#	bc	#	71	43	-	
Biarritz ...	29.92	69	H	2	b	29.98	+0.00	56	54	-4	W	5	0	3	b	#	77	55	-	
<b>PENINSULA.</b>																				
Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Lisbon ...	30.15	58	HW	4	0	30.29	+1.22	55	48	-2	HW	4	0	#	0	#	63	52	-	
Azores (P. Delgada)	30.38	54	HW	1	b	30.41	+1.16	56	51	+2	SW	4	bc	3	b	#	61	54	-	

For Explanation of Columns, see bottom of last page.

\* Received too late for insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR WEDNESDAY, 11<sup>TH</sup> APRIL, 1894.

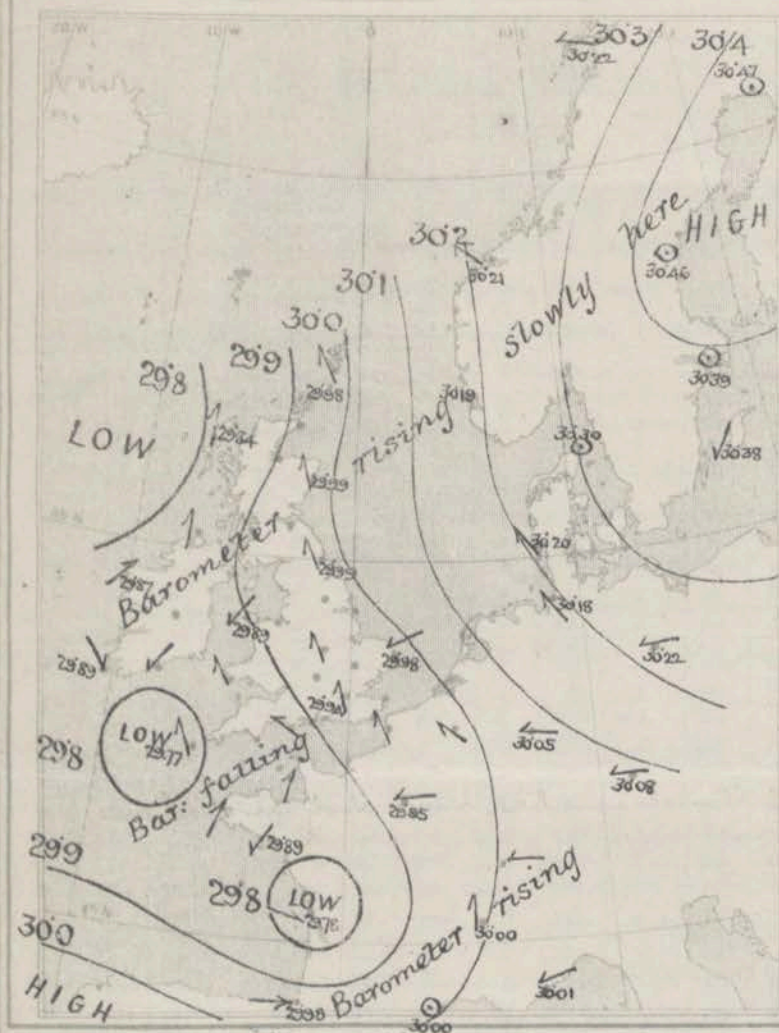
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → ; Force 5 to 7 → ; Force 8 to 10 → ; Force 1 to 4 → ; Calm ☉

SEA—Rough ■ ; High ■

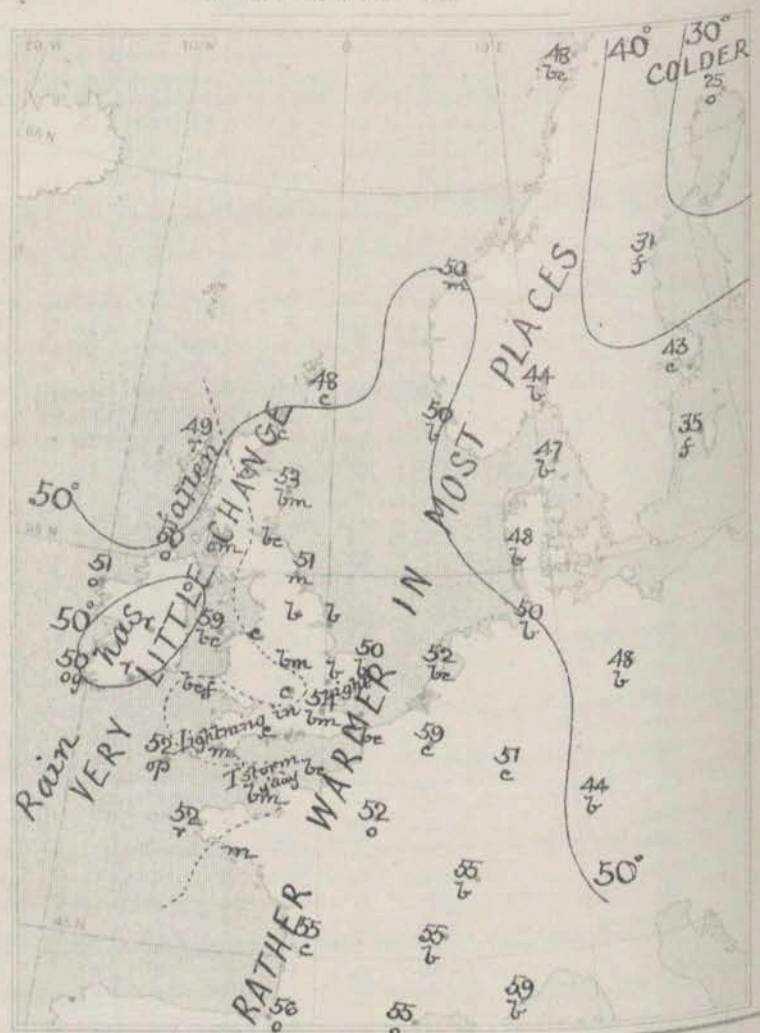


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1861—90). (Inches.)	BRIGHT SUNSHINE (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Swanburgh Head	29.840	41.7	40.2	46.0	36.7	2.07	—	36
Stornoway	29.824	43.8	42.3	48.9	37.2	2.65	152.3	—
Wick	29.848	43.1	41.2	48.9	36.9	1.68	—	—
Narrn	29.848	42.7	40.4	50.9	37.3	1.26	—	34
Aberdeen	29.878	43.2	40.7	49.3	38.0	2.16	143.0	—
Leith	29.863	44.1	41.7	52.0	37.9	1.57	—	—
Stirling	29.863	43.5	41.4	49.0	38.0	1.80	—	—
Spurn Head	29.863	44.0	42.3	48.4	40.3	1.45	—	31
York	29.875	43.8	41.0	53.5	37.7	1.75	124.6	—
Loughborough	29.879	44.4	42.1	55.1	38.1	1.78	—	—
Arbroath	29.877	44.4	42.1	51.5	39.5	2.14	—	—
Dunfermline	29.859	44.6	42.9	51.0	40.0	1.92	—	—
Holyhead	29.857	45.8	43.8	51.4	42.0	1.90	—	—
Liverpool	29.867	45.0	42.1	52.0	40.4	1.55	—	30
Parsonsdown	29.864	45.0	42.5	54.6	38.0	2.04	150.0	41
Valencia	29.854	48.2	45.0	53.0	42.8	3.83	109.5	—
Race's Point	29.831	46.8	44.5	53.7	42.1	3.24	—	41
Pondarke	29.832	45.2	43.4	50.4	41.0	1.94	182.9	—
Silly	29.850	48.5	46.0	52.1	44.7	2.27	—	—
Prindle Point	29.874	46.2	44.0	51.9	40.7	2.07	—	46
Jersey	29.872	48.5	45.9	54.2	43.5	2.08	187.6	—
Race Point	29.871	45.5	44.2	52.1	41.0	1.83	—	—
Dover	29.864	46.3	44.0	51.1	41.5	1.77	—	30
LONDON	29.878	46.1	43.2	56.0	39.7	1.84	124.3	34
Oxford	29.884	44.4	42.1	54.0	38.9	1.78	141.2	30
Cambridge	29.886	45.2	43.0	55.8	37.3	1.69	147.8	—
Yarmouth	29.872	44.7	43.0	49.1	39.0	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.4 in. and upwards, over the Gulf of Bothnia; 30.2 in. and upwards in the south of Portugal.  
 Lowest, 29.8 in. and less, in a large shallow depression lying off the west of Scotland, and also in two small systems lying respectively near the mouth of the Channel, and over the west of France, near Rochefort.  
 Gradients slight. Barometer falling a little over England, the Netherlands, and the west and north of France, but rising elsewhere.

## TEMPERATURE

Highest, 59° at Holyhead, Jersey, Brest, and Nice, 58° at the North Foreland and Cape Finikz, and 57° at Harwich.  
 Lowest, 25° at Haparanda, 31° at Helsingfors, 35° at Viborg, 43° at Stockholm, and 44° at Åbo and Munich.  
 The highest maxima registered over our Islands yesterday were 73° in London and at Cambridge, and 71° at Loughborough.

## WIND

S<sup>W</sup> or SE<sup>W</sup> over the greater part of our Islands, and also on the eastern shores of the North Sea, but E<sup>W</sup> in the extreme south of England, as well as in Germany, the Netherlands, and the northeast of France.  
 Light from the N<sup>W</sup> in the south of Ireland; variable in the northwest of France; W<sup>W</sup> in the southwest of France. Calm in Sweden.

## WEATHER

Fine over the eastern and central part of the United Kingdom, as well as in Scandinavia, Denmark, the Netherlands, and the south of France.  
 B. in Ireland, the west of Scotland, the southwest of England, and the west of France, with rain at Harwich, Rochefort, and Brest, and passing showers at Bally.  
 Since yesterday morning a little rain has fallen at several of our western, and at one or two of our southern stations.  
 A thunderstorm occurred last evening at Jersey, and lightning was seen at night in the south of England generally.

## SEA

Moderate to smooth

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The small depression near the mouth of the Channel seems likely to move slowly eastwards, and to occasion unsettled thundery weather in many parts of England.

# FORECASTS

For the 24 hours ending at NOON on 12<sup>th</sup> APRIL, 1894.

## DISTRICTS.

## FORECASTS.

0	SCOTLAND NORTH	S <sup>W</sup> to SE <sup>W</sup> winds, light; cloudy, some showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	SE <sup>W</sup> and E <sup>W</sup> winds, light; fine to showery, thunder locally.
3	ENGLAND EAST	SE <sup>W</sup> and E <sup>W</sup> winds, light; cloudy, unsettled, some rain, thunderstorms locally.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

## DISTRICTS.

## FORECASTS.

6	SCOTLAND WEST	Same as N <sup>o</sup> 0 and 1.
7	ENGLAND N.W.	Same as N <sup>o</sup> 2.
8	ENGLAND S.W.	SE <sup>W</sup> and Variable breezes; cloudy, showery, possibly thunder.
9	IRELAND NORTH	S <sup>W</sup> and SE <sup>W</sup> winds, light; fair generally.
10	IRELAND SOUTH	Light breezes, chiefly N <sup>W</sup> ; cloudy, some showers.

## WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.  
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from S.W. round by N. to N.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	30.14	50	46	SSW	4	e	4	Valencia	29.72	57	55	SSE	4	om	4
Sumburgh Head	29.91	52	49	S	3	b	4	Scilly	29.89	54	53	SE	4	om	2
Stornoway	29.74	51	49	SW	6	1	5	Jersey	30.00	60	59	ESE	2	b	2
Aberdeen	29.95	55	49	SSE	3	c	3	Hurst Castle	30.04	60	54	SSE	4	b	1
Shields	29.98	63	55	SSW	3	c	3	Dungeness	30.06	58	53	E	2	b	1
Ardrossan	29.90	51	50	SSE	3	o	3	North Foreland	30.09	55	51	E	2	b	3
Malin Head	29.72	54	51	S	6	o	2	London (Westminster)	30.04	69	57	SE	2	b	3
Belmullet	29.68	55	52	SSW	3	c	3	Yarmouth	30.08	53	50	ESE	2	b	3
Holyhead	29.93	60	59	S	4	c	3	Rocheport	30.06	72	66	Z	0	b	3

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the eastern and central parts of the United Kingdom, as well as over the greater part of the Continent. Cloudy in the west of our Islands, with rain at some of the Irish stations; dull in Russia, as well as in Algeria and the northwest of Spain, with rain at Algiers. A little rain falling later in the eastern and southern parts of Great Britain; thunderstorm occurring in evening at Jersey, and lightning seen at night in the south of England generally.

Temperature risen in Ireland and Scotland, changed little and irregularly elsewhere. Morning readings highest 66° at Barcelona and Terma; 63° at Trieste and Palma; and 61° at Toulon; above 55° at the Mediterranean stations generally, as well as on the coasts of Spain and the Channel Islands. Lowest 24° at Archangel, 33° at Uleaborg, and 34° at St. Petersburg; below 40° in most parts of Sweden and Russia. Rising during day to 65° or more at several of the English stations, and reaching 73° in London and at Cambridge. Exceeding 75° in many parts of France.

Wind S over the greater part of our Islands, and fresh to strong in force on our western coasts, but E at some of the Channel stations. SE on the eastern shores of the North Sea and also in the west of France; variable over the central and southern parts of France, as well as in Spain and Italy; moderate from the N in Algeria. Light from the N or NW over Iceland and also in Austria; NE in the south of Russia. Subsequently shifting to the N or NW in the west of France; no important change occurring elsewhere.

Barometer highest 30.3 ins. and upwards over Sweden and the Gulf of Bothnia; 30.1 ins. and upwards in an anticyclone covering the whole of northern and central Europe, as well as in a small area over Central Spain. Lowest 29.6 ins. and less, in a depression lying off the west of Ireland. Depression partially filling up during day, but small shallow disturbances beginning to form over France and the Channel.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.  
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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# DAILY WEATHER REPORT

for 8 a.m. on *Thursday, 12<sup>th</sup> April, 1894.*

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.		Weather		BAROMETER.		TEMPERATURE.			WIND.			Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			Rainfall.
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.	Min.	Inch.								
Inch.	°					Inch.	Inch.	°				°	°	Inch.							
<b>SCANDINAVIA.</b>																					
Haparanda ...	30.38	28	Z.	0	b	30.28	-0.10	34	33	+9	SW	2	0	#	b	#	21	-	-	-	
Hernösand ...	30.45	28	Z.	0	f	30.42	-0.03	31	30	0	Z.	0	bc	#	f	#	39	27	-	-	
Stockholm ...	30.44	39	Z.	0	b	30.38	-0.06	40	37	-3	N	2	b	#	b	#	52	36	-	-	
Wishy ...	30.31	27	NE	4	b	30.27	-0.04	42	40	+2	NE	4	0	#	b	#	46	28	-	-	
Bodo ...	30.21	46	ESE	2	0	30.21	-0.01	48	43	0	ESE	2	0	1	0	#	48	41	-	-	
Christianstund ...	30.21	54	ESE	1	b	30.28	+0.07	49	45	-4	ESE	1	m	0	b	#	68	46	-	-	
Skudesnaes ...	30.23	49	Z.	0	bc	30.23	+0.04	51	46	+5	ESE	2	b	1	bc	#	52	45	-	-	
Fowder (Christiania Fjord)	30.27	47	Z.	0	b	30.35	+0.08	45	42	+3	E	8	bc	1	b	#	52	39	-	-	
Skagen (The Sea)	30.25	46	NE	1	b	30.30	+0.05	45	41	-4	SE	3	b	0	b	#	61	43	-	-	
Fanø ...	30.17	49	SE	4	b	30.12	-0.05	43	41	-2	E	4	b	#	b	#	64	41	-	-	
<b>BRITISH ISLANDS.</b>																					
Sumburgh Head	30.01	48	SE	1	bc	30.08	+0.07	48	46	0	E	1	b	3	bc	#	51	44	-	-	
Stornoway ...	29.89	52	Z.	0	bc	29.81	-0.08	48	46	-2	Z.	0	bc	3	r. l. b.	13	53	42	0.35	-	
Wick ...	29.89	50	S	2	b	29.87	-0.02	47	46	-1	S	3	b	1	b	#	56	43	-	-	
Nairn ...	29.88	60	Z.	0	c	29.86	-0.02	48	46	-2	E	1	b	1	c	#	63	36	-	-	
Aberdeen ...	29.99	47	E	1	b	29.95	-0.04	47	46	-1	E	2	bw	3	b	#	59	39	-	-	
Leith ...	29.87	57	SE	3	b	29.83	-0.04	46	45	-1	ESE	2	0	#	b	#	62	43	-	-	
Shields ...	29.91	48	E	1	bm	29.84	-0.07	46	45	-1	Z.	0	ew	3	bm	#	56	42	-	-	
Spurn Head ...	29.86	48	ESE	2	b	29.78	-0.08	48	46	-2	ESE	4	0	4	b. l. w.	#	52	46	-	-	
York ...	29.87	62	E	1	b	29.79	-0.08	49	48	-1	E	1	0	#	b	#	72	43	0.01	-	
Loughborough ...	29.82	61	ESE	1	bc	29.76	-0.06	48	47	-1	ESE	1	opm	#	bc	#	76	44	0.06	-	
Ardrossan ...	29.82	58	Z.	0	om	29.76	-0.06	49	48	-1	NE	5	cm	2	ot. om. t. b.	#	63	44	0.13	-	
Malin Head ...	29.83	48	NW	2	od	29.70	-0.13	47	46	-1	ESE	4	or	2	o. od	#	54	46	0.29	-	
Belmullet ...	29.89	50	NW	2	0	29.78	-0.11	46	45	-1	NW	5	0	#	0	#	52	45	0.20	-	
Donaghadee ...	29.82	51	ESE	4	c	29.74	-0.08	47	47	0	ESE	3	c	1	c	#	56	47	0.27	-	
Liverpool (Bidston)	29.83	58	ESE	1	r	29.72	-0.11	58	52	+6	E	1	0	2	r	#	70	48	0.13	-	
Holyhead ...	29.79	58	E	1	ct	29.71	-0.08	49	48	-1	S	2	ogm	1	cpm. ct	#	65	47	0.25	-	
Parsonstown ...	29.82	?	NW	2	?	29.67	-0.15	44	44	0	NW	1	or	#	o. r	#	50	44	0.89	-	
Valencia ...	29.91	47	NW	4	opm	29.83	-0.08	48	46	-2	NW	3	0	4	opm	#	57	45	0.08	-	
Roche's Point ...	29.81	47	NW	5	r	29.76	-0.05	47	44	-3	NW	5	bc	4	r. p	#	51	44	0.35	-	
Pembroke (St. Ann's Hd.)	29.77	50	S	2	0	29.71	-0.06	46	45	-1	NW	5	ogd	4	b. o	#	59	45	0.01	-	
Scilly ...	29.83	50	NW	4	cp	29.83	+0.00	49	45	-4	NW	4	c	4	cpm	#	55	45	0.05	-	
Prawle Point ...	29.82	50	N	4	c	29.82	-0.00	47	46	-1	NW	4	0	3	cp	#	58	44	0.02	-	
Jersey (St. Aubin's)	29.85	53	NW	3	ogp	29.87	+0.02	49	47	-2	NW	3	o. am	3	bc. g. p	#	64	48	0.02	-	
Hurst Castle ...	29.74	54	NW	2	b	29.80	+0.06	50	47	-3	NW	4	0	3	b. g. p	#	61	49	0.06	-	
Dungeness ...	29.81	58	S	2	p	29.79	-0.02	50	49	-1	N	3	0	2	c. p	#	62	48	0.04	-	
North Foreland	29.81	53	E	3	c	29.77	-0.04	52	51	-1	SSW	1	og	2	c	#	60	48	0.14	-	
London (Greenwich)	29.79	62	SE	2	bc	29.78	-0.01	53	50	-3	SSW	1	0	#	cl. b. o	#	74	50	-	-	
Oxford ...	29.73	54	Z.	0	b	29.77	+0.04	49	48	-1	NW	1	or	#	c	#	70	49	0.02	-	
Cambridge ...	29.81	64	ESE	2	c	29.76	-0.05	54	53	-1	ESE	2	0	#	c	#	77	50	0.02	-	
Yarmouth ...	29.86	52	E	2	bc	29.78	-0.08	49	48	-1	SE	2	or	4	bc	#	54	46	0.01	-	
<b>GERMANY &amp; HOLLAND.</b>																					
Cuxhaven ...	30.06	49	ESE	3	b	30.04	-0.02	45	41	-4	ESE	5	b	#	b	#	58	42	-	-	
Berlin ...	30.12	53	NW	3	b	30.06	-0.06	41	39	-2	ESE	3	b	#	b	#	59	39	-	-	
Wiesbaden ...	?	?	?	?	?	29.86	-0.19	54	47	+7	E	4	bc	#	?	#	68	50	-	-	
Munich ...	29.95	49	E	3	b	29.88	-0.07	44	40	-4	E	5	b	#	b	#	63	34	-	-	
The Helder ...	29.93	57	E	5	b	29.93	-0.00	50	45	-5	ESE	5	b	3	b	#	61	48	-	-	
<b>FRANCE &amp; BELGIUM.</b>																					
Brussels (a.m.) ...	?	?	?	?	?	29.81	-0.17	54	52	-2	NNE	1	r	4	0	#	75	50	-	-	
Cape Gris Nez ...	29.84	65	S	2	c	29.78	-0.06	50	50	0	SW	2	r	2	c	#	73	46	0.04	-	
Paris ...	29.85	62	N	3	0	29.84	-0.01	52	50	-2	NW	2	0	#	0	#	77	47	0.30	-	
Brest ...	?	53	NW	2	0	?	?	49	45	-4	NW	3	c	4	0	#	59	45	0.08	-	
Lorient ...	29.89	53	N	4	c	29.92	+0.03	50	46	-4	NW	4	c	4	c	#	59	46	-	-	
Rochefort ...	29.94	56	N	4	c	29.92	-0.02	51	49	-2	NW	4	c	#	o. c	#	63	48	0.28	-	
Belfort ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Lyons ...	29.83	66	S	2	bc	29.84	+0.01	53	49	-4	N	1	bc	#	bc	#	76	49	-	-	
Nice ...	29.91	58	SW	1	c	29.84	-0.07	56	46	-10	E	1	bc	#	c	#	72	50	-	-	
Perpignan ...	29.86	62	Z.	0	0	29.89	+0.03	50	45	-5	NW	4	r	#	0	#	70	48	0.04	-	
Biarritz ...	30.04	52	N	5	r	30.02	-0.02	53	52	-1	NW	6	r	5	r	#	57	46	0.35	-	
<b>FINLAND.</b>																					
Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Lisbon ...	30.36	51	NW	3	b	30.24	-0.12	54	51	-3	NW	5	0	#	b	#	59	50	0.08	-	
Azores (P. Magalhães)	30.43	58	SSW	4	c	30.30	-0.13	58	56	+2	SW	5	bc	5	c	#	59	56	-	-	

Erratum.— The 8 a.m. Bar. reading at Rochefort in yesterday's report should read "29.98" instead of "29.78".  
NOTE.— The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office Westminster.



# WEATHER CHARTS

FOR THURSDAY, 12<sup>TH</sup> APRIL, 1894.

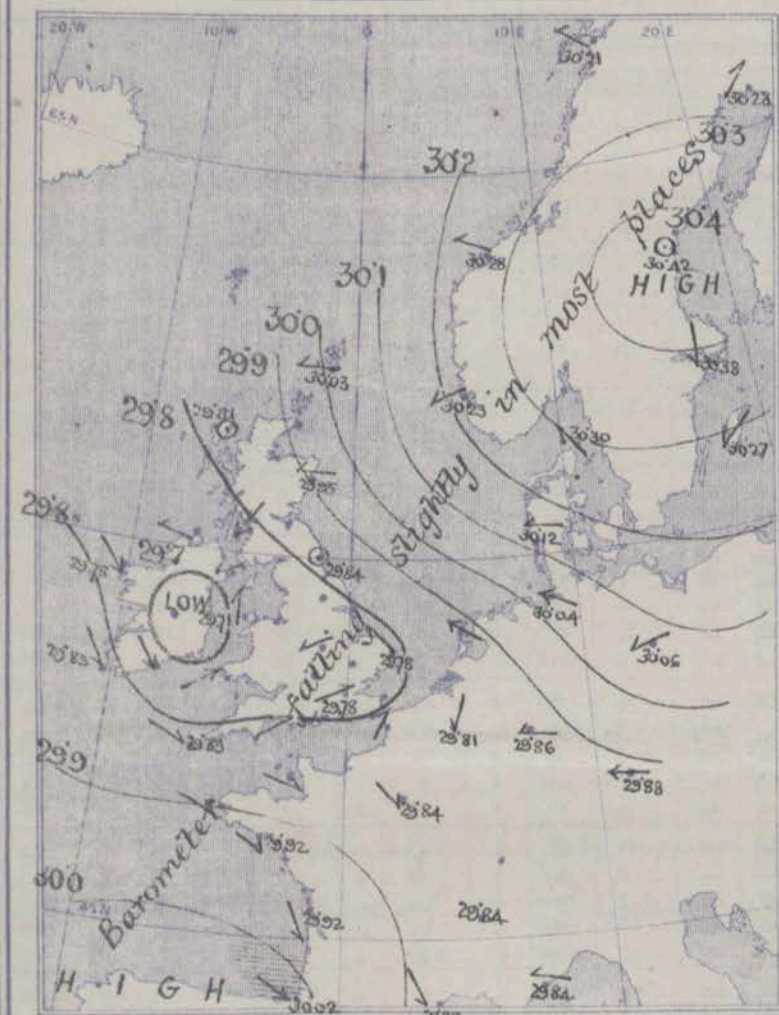
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; Calm ○

SEA—Rough ■■■ ; High ■■■■

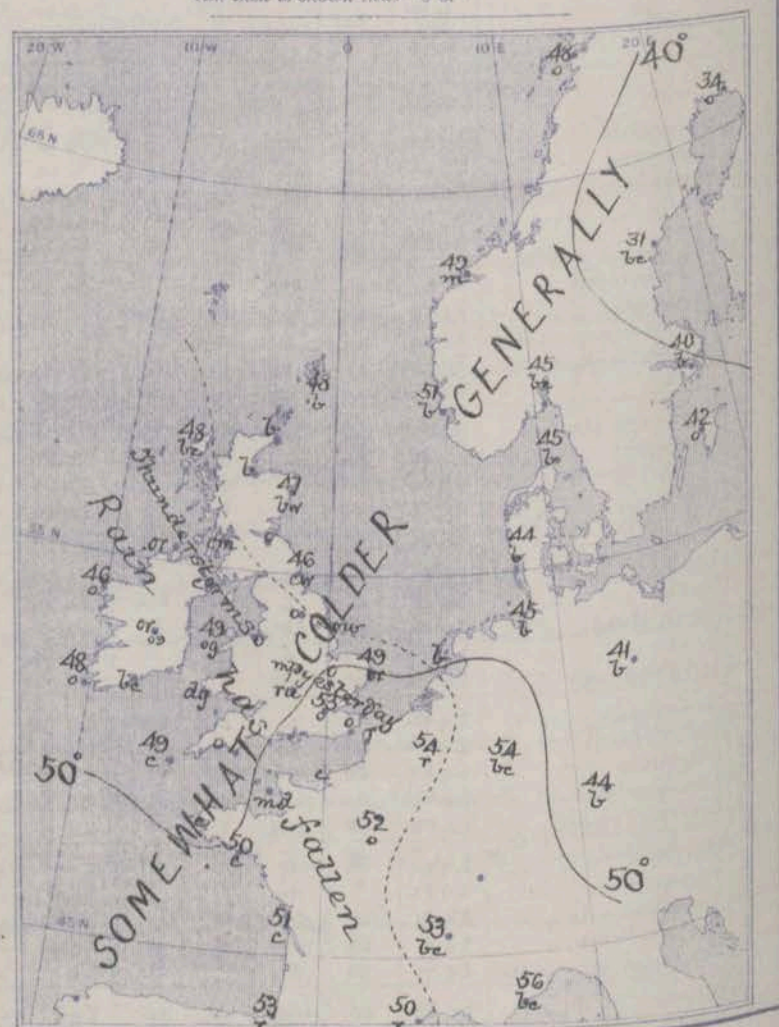


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Samburgh Head	29.840	41.7	40.2	46.0	36.7	2.07	—	36
Stornoway	29.824	43.8	42.3	48.9	37.2	2.65	152.3	—
Wick	29.848	43.1	41.2	48.9	36.9	1.68	—	—
Nairn	29.848	42.7	40.4	50.9	37.3	1.26	—	34
Aberdeen	29.838	43.2	40.7	49.3	38.0	2.16	143.0	—
Leith	29.863	44.1	41.7	52.0	37.9	1.57	—	—
Shields	29.866	43.5	41.4	49.0	38.6	1.80	—	—
Spurn Head	29.863	44.0	42.3	48.4	40.3	1.45	—	31
York	29.875	43.8	41.6	53.5	37.7	1.75	128.6	—
Loughborough	29.879	44.4	42.1	55.1	38.1	1.78	—	—
Antyrossan	29.877	44.4	42.1	51.5	39.5	2.14	—	—
Doughlahee	29.839	44.6	42.9	51.0	40.0	1.92	—	—
Holyhead	29.857	45.8	43.8	51.4	42.0	1.90	—	—
Liverpool	29.867	45.0	42.1	52.6	40.4	1.55	—	39
Parsonstown	29.864	45.0	42.5	54.6	38.0	2.64	159.9	41
Valencia	29.854	48.2	45.6	53.9	42.8	3.83	160.5	—
Rocha's Point	29.851	46.8	44.5	53.7	42.1	3.24	—	44
Pembroke	29.852	45.2	43.4	50.4	41.9	1.94	182.9	—
Sally	29.856	48.6	46.6	52.1	44.7	2.27	—	—
Pravle Point	29.876	46.2	44.6	51.9	40.7	2.07	—	46
Jersey	29.872	48.5	45.9	54.2	43.5	2.08	187.6	—
Hurst Castle	29.871	45.5	44.2	52.1	41.0	1.83	—	—
Dover	29.864	46.3	44.0	51.1	41.5	1.77	—	30
LONDON	29.878	46.1	43.2	56.0	39.7	1.84	124.3	34
Oxford	29.884	44.4	42.1	54.0	38.9	1.78	141.2	36
Cambridge	29.880	45.2	43.0	55.8	37.3	1.69	147.8	—
Yarmouth	29.872	44.7	43.0	49.1	39.9	1.79	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.4 in. and upwards, over Central Sweden; 30.2 in. and upwards, in the south of Portugal.  
 Lowest, 29.7 in. and less, over the Fylgøge Channel and the east of Ireland; 29.5 in. and less, in a depression lying over all but the extreme northern and northeastern parts of our islands.  
 Gradients slight. Barometer falling a little in most places.

## TEMPERATURE

Highest, 58° at Liverpool, 56° at Nice, 54° at Cambridge, Brussels, Wiesbaden, and Lisbon, and 55° in London and at Lyons and Biarritz.  
 Lowest, (1) 31° at Helsingfors, 34° at Haparanda, 40° at Stockholm, and 41° at Berlin; (2) 44° at Lancaster.  
 During yesterday the thermometer exceeded 70° in many parts of England, the highest readings of all being 77° at Cambridge, and 76° at Loughborough.

## WIND

Fresh from the NW<sup>th</sup> in the west and south of Ireland and also in the west of France; moderate from the W<sup>th</sup> over the Bristol English Channel.  
 Light from the E<sup>th</sup> or SE<sup>th</sup> in the north and east of our islands, as well as in Norway, Denmark, and Germany.  
 Variable in Sweden.

## WEATHER

Cloudy over England, Ireland, Belgium, and the greater part of France, with rain in several places.  
 Fine and bright in most other parts of Western Europe, but dull in the north of Scandinavia.  
 Considerable amounts of rain were experienced yesterday over the central and southern parts of Ireland and smaller quantities at many of the English stations. Thunderstorms occurred over England, Wales, and the west of Scotland.

## SEA

Moderate on our southwest coasts and rather rough at Biarritz, but slight or smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over our islands appears to be almost stationary, but is inclined to move in a westerly direction. Cloudy, showery weather seems likely to continue over England and Ireland for a time, with lower temperatures than of late.

# FORECASTS

For the 24 hours ending at NOON on 13<sup>th</sup> APRIL 1894.

## DISTRICTS.

## FORECASTS.

0	SCOTLAND NORTH	E <sup>th</sup> and SE <sup>th</sup> winds, moderate; fair generally, but perhaps local showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E <sup>th</sup> and SE <sup>th</sup> winds, light; cloudy, showery, possibly thunder.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	SW <sup>th</sup> winds, light; cloudy, some showers possibly thunder.
5	ENGLAND SOUTH	

## DISTRICTS.

## FORECASTS.

6	SCOTLAND WEST	Same as N <sup>os</sup> 2 to 4.
7	ENGLAND N.W.	
8	ENGLAND S.W.	W <sup>th</sup> to SW <sup>th</sup> winds, moderate; cloudy, showery.
9	IRELAND NORTH	Same as N <sup>os</sup> 2 to 4.
10	IRELAND SOUTH	NW <sup>th</sup> to W <sup>th</sup> winds, moderate; cloudy, showery.
WARNINGS		None issued.

Note. The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.  
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.23	52	47	SSE	2	bc	2	Valencia ...	29.91	51	50	W	4	op	4
Sunburgh Head ...	30.00	51	47	SE	2	bc	4	Scilly ...	29.80	51	49	W	4	cpm	3
Stornoway ...	29.89	50	50	Z	0	r	3	Jersey ...	29.85	59	54	W	4	b	0
Aberdeen ...	30.00	55	49	SSE	3	b	2	Hurst Castle ...	29.77	57	46	Z	0	c	3
Shields ...	29.97	53	48	E	3	b	2	Dungeness ...	29.83	58	52	E	5	c	3
Ardrossan ...	29.87	57	54	SE	2	0	1	North Foreland	29.87	55	50	E	2	0	#
Malin Head ...	29.87	50	50	E	2	0	1	London (Westminster)	29.85	69	50	E	2	0	2
Belmullet ...	29.90	51	48	NW	2	0	#	Yarmouth ...	29.91	53	50	NDE	2	bc	#
Holyhead ...	29.85	61	55	SE	2	cmp	1	Rocheport ...	29.95	60	56	W	4	0	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather fine over the eastern and central parts of the United Kingdom, as well as over northern Russia, Scandinavia, Denmark, Germany, Italy, and the greater part of France. Dull and unsettled in Ireland, the west of Scotland, the southwest of England, the west of France, and the Spanish Peninsula, with rain in several places. Dull also at most of the Russian stations. Thunderstorms occurring later over England and the west of Scotland, and considerable amount of rain falling in Ireland and the west of France; weather remaining fine in the northern parts of the United Kingdom.

Temperature changed very irregularly. Morning readings highest (1) 63° at Trieste and Oran, and 62° at several other of the Adriatic and Mediterranean stations; (2) 59° at Holyhead, Jersey and Brussels, and 58° at the North Foreland and Cape Finikoy. Above 55° in many parts of eastern and southern Europe. Lowest 10° at Archangel, 25° at Haparanda, and 31° at Norrönd; below 40° at most of the Swedish and Russian stations. Rising during day to 70° or more in several parts of England and France, the highest reading of all being 77° at Cambridge, this, and 76° at Loughborough and Lyons.

Wind light from the SE<sup>2</sup> or S<sup>2</sup> over the greater part of our Islands and also on the eastern shores of the North Sea; E<sup>1</sup> over the Netherlands, the extreme south of England and N<sup>1</sup> in the south of Ireland. Moderate to strong from the W<sup>2</sup> or NW<sup>2</sup> over Spain and the southwest of France, rather variable, but chiefly NW<sup>2</sup> in Italy. Calm in Sweden; light from the E<sup>2</sup> or NE<sup>2</sup> over the greater part of Russia. Subsequently shifting to the W<sup>2</sup> at the Channel stations; no important change occurring elsewhere.

Barometer highest 30.6 in. and upwards in an anticyclone lying over northern Russia; 30.3 in. and upwards, in another system lying to the southward of Spain. Lowest, 29.8 in. and less, in three depressions, - one lying off the west of Scotland, another (a very small system) near the mouth of the English Channel and the third near Malta. Channel depression subsequently advancing northwards and increasing considerably in size; barometer falling in most parts of the United Kingdom.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on

Friday, 13<sup>th</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

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STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.					
	BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
																				At 32° and M.S.L.	Dry Bulb.
			Inch.	°		Inch.	°	°	°	°	Inch.										
SCANDINAVIA.																					
Haparanda ...	30.24	31	SW	2	c	30.29	+0.01	40	37	+6	ESE	2	bc	#	c	#	40	29	-		
Hernösand ...	30.34	33	Z	0	b	30.32	-0.10	37	36	+6	Z	0	b	#	b	#	50	23	-		
Stockholm ...	30.31	40	ESE	2	c	30.29	-0.09	44	41	+4	E	2	b	#	c	#	48	29	-		
Wisby ...	30.21	39	ESE	4	bc	30.19	-0.08	44	42	+2	ESE	4	b	#	bc	#	45	34	0.04		
Bodo ...	30.26	45	W	2	o	30.31	+0.10	43	41	-5	N	2	f	1	o	#	48	41	-		
Christiansund ...	30.30	49	Z	0	b	30.19	-0.09	48	44	-1	E	2	m	1	b	#	59	45	-		
Skudesnaes ...	30.25	44	Z	0	b	30.15	-0.08	49	45	-2	ESE	2	c	1	c, b	#	52	43	?		
Færder (Christiania Fjord)	30.24	51	NE	2	b	30.21	-0.14	41	39	-4	NE	4	o	2	b	#	52	39	-		
Skagen (The Scaw)	30.19	45	NE	2	c	30.13	-0.17	43	40	-2	E	4	c	1	c	#	52	39	-		
Faro ...	30.06	44	E	3	c	30.00	-0.12	40	39	-3	E	4	b	#	c	#	52	39	-		
Sumburgh Head	30.09	47	SE	2	b	30.14	+0.11	46	44	-2	E	3	b	4	b	#	51	41	-		
Stornoway ...	29.78	54	SE	3	c	29.85	+0.04	45	42	-3	SE	4	bc	4	b, c	#	57	40	-		
Wick ...	30.00	45	S	4	bc	29.99	+0.12	45	42	-2	S	6	cu	4	bc	#	51	42	-		
Nairn ...	29.90	53	ESE	1	c	29.94	+0.08	45	40	-3	E	2	c	1	c	#	63	40	-		
Aberdeen ...	30.01	44	SE	3	b	30.00	+0.05	43	42	-4	ESE	3	c, g, p	4	b, g, b	#	52	41	-		
Leith ...	29.86	51	ESE	3	c	29.90	+0.07	44	41	-2	E	3	o	#	o	#	57	41	-		
Shields ...	29.88	45	ESE	4	c	29.90	+0.06	43	42	-3	ESE	4	o	4	p, c	#	49	40	0.01		
Spurn Head ...	29.79	46	E	5	op	29.81	+0.03	44	44	-4	ESE	4	r	5	op, r	#	48	43	0.18		
York ...	29.83	47	E	2	r	29.84	+0.05	44	43	-5	E	1	r	#	r	#	58	43	0.40		
Loughborough ...	29.77	56	NSW	2	bc	29.79	+0.03	46	45	-2	NW	1	o, d, m	#	bc	#	59	44	0.02		
BRITISH ISLANDS.																					
Ardrossan ...	29.76	53	E	3	p, m	29.82	+0.06	43	42	-6	ESE	3	r, m	2	o, p	#	59	41	0.15		
Malin Head ...	29.69	50	SSE	2	op	29.72	+0.02	45	44	-2	SE	5	o, g, m	2	o, p	#	50	45	0.13		
Belmullet ...	29.77	45	NW	3	op	29.72	-0.06	47	45	+1	NW	2	o	#	r, op	#	47	45	0.17		
Donaghadee ...	29.74	47	SE	3	f	29.79	+0.05	46	45	-1	ESE	4	o	2	f	#	48	44	0.28		
Liverpool (Biston)	29.77	49	W	1	o	29.80	+0.08	48	44	-10	Z	0	o	0	o	#	58	45	-		
Holyhead ...	29.76	48	S	4	c, g	29.78	+0.07	47	46	-2	SSW	3	o, g	1	c, c, g	#	52	45	0.04		
Parsonstown ...	29.72	47	W	3	o	29.74	+0.07	45	44	+1	SW	2	c, g	#	o, r	#	48	42	0.07		
Valencia ...	29.83	50	NW	4	c	29.74	-0.09	46	43	-2	Z	0	bc	1	op, c	#	51	39	0.03		
Roche's Point ...	29.80	45	NW	3	r	29.77	+0.01	45	43	-2	N	1	b	2	r, p	#	50	40	0.20		
Pembroke (St. Ann's Hd.)	29.78	48	NSW	5	o	29.81	+0.10	46	45	0	NSW	3	c	3	o	#	48	45	-		
Seilly ...	29.83	50	NSW	4	bc	29.81	-0.02	50	46	+1	S	3	bc	3	bc	#	53	44	-		
Prawle Point ...	29.84	48	SSW	3	c	29.84	+0.02	48	45	+1	W	2	b	1	c	#	52	39	-		
Jersey (St. Aubin's)	29.86	51	NW	3	bc	29.88	+0.01	53	46	+4	ESE	2	bc, w	2	c, bc	#	54	38	-		
Hurst Castle ...	29.82	52	NSW	3	c	29.84	+0.04	47	45	-3	NW	2	b	2	o, c	#	56	?	-		
Dungeness ...	29.77	51	NSW	4	bc	29.77	-0.02	48	45	-2	NW	3	c	2	b, bc	#	52	44	-		
FRANCE & BELGIUM.																					
North Foreland	29.76	54	S	2	b	29.78	+0.01	49	47	-3	NW	3	o, g	2	c, b	#	58	44	-		
London (Belkton) ...	29.78	54	W	3	bc	29.80	+0.02	49	45	-4	NW	1	o	#	o, bc	#	63	42	-		
Oxford ...	29.81	48	W	2	c	29.82	+0.05	44	42	-5	SW	1	o	#	c	#	56	39	-		
Cambridge ...	29.76	58	NW	1	o	29.79	+0.03	48	47	-6	NW	1	o	#	o	#	64	46	-		
Yarmouth ...	29.79	47	E	3	o, d	29.78	-0.00	44	43	-5	E	5	o, g	4	r, o, d	#	49	42	0.55		
GERMANY & HOLLAND.																					
Cuxhaven ...	29.98	41	E	5	c	29.89	-0.15	40	40	-5	ESE	4	bc	#	c	#	47	?	-		
Berlin ...	29.97	46	E	3	o	29.94	-0.12	42	40	+1	E	3	b	#	o	#	48	39	-		
Wiesbaden ...	#	#	#	#	#	29.99	-0.07	51	46	-3	NE	1	o	#	#	#	66	50	-		
Munich ...	29.80	48	E	3	bc	29.81	-0.07	46	45	+2	E	1	c	#	bc	#	59	36	-		
The Heider ...	29.88	51	E	5	bc	29.84	-0.06	43	40	-7	E	5	c	0	bc	#	55	41	-		
FRANCE & BELGIUM.																					
Brussels (9 a.m.) ...	#	#	#	#	#	29.79	-0.02	48	47	-6	NSW	1	o	#	o	#	59	46	0.04		
Cape Gris Nez ...	29.79	50	SW	3	b	29.78	-0.00	47	45	-3	NW	3	c	2	b	#	55	45	-		
Paris ...	29.80	53	NW	2	o	29.86	+0.02	47	45	-5	NW	2	o	#	o	#	59	46	-		
Brest ...	?	55	NSW	1	bc	?	?	46	44	-3	E	3	b	3	bc	#	59	41	-		
Lorient ...	29.86	51	NSW	3	bc	29.86	-0.06	45	43	-5	E	1	b	4	bc	#	59	43	-		
FRANCE & BELGIUM.																					
Rochefort ...	29.93	53	NW	4	b	29.93	+0.01	47	45	-4	E	1	bc	#	c, b	#	63	43	-		
Belfort ...	?	58	NW	2	bc	?	?	49	47	-4	NW	3	o	#	bc	#	76	44	-		
Lyons ...	29.77	54	NW	4	o	29.84	-0.00	51	48	-2	ESE	1	o	#	r, o	#	69	?	0.04		
Nice ...	29.78	54	SE	2	bc	29.79	-0.05	54	47	-2	Z	0	c	1	bc	#	66	45	-		
Perpignan ...	29.80	53	NW	4	o	29.86	-0.03	53	48	+3	NW	1	o	#	o	#	62	50	-		
Biarritz ...	29.84	56	ESE	3	b	29.91	-0.11	51	47	-2	NSW	6	r	4	b	#	64	46	0.20		
PENIN- SULA.																					
Corunna ...																					
Lisbon ...																					
Azores (P. Delgada)	30.13	56	NW	4	o	30.08	-0.16	57	52	+3	NSW	5	o	#	o	#	57	52	0.24		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR

FRIDAY, 13<sup>TH</sup> APRIL, 1894.

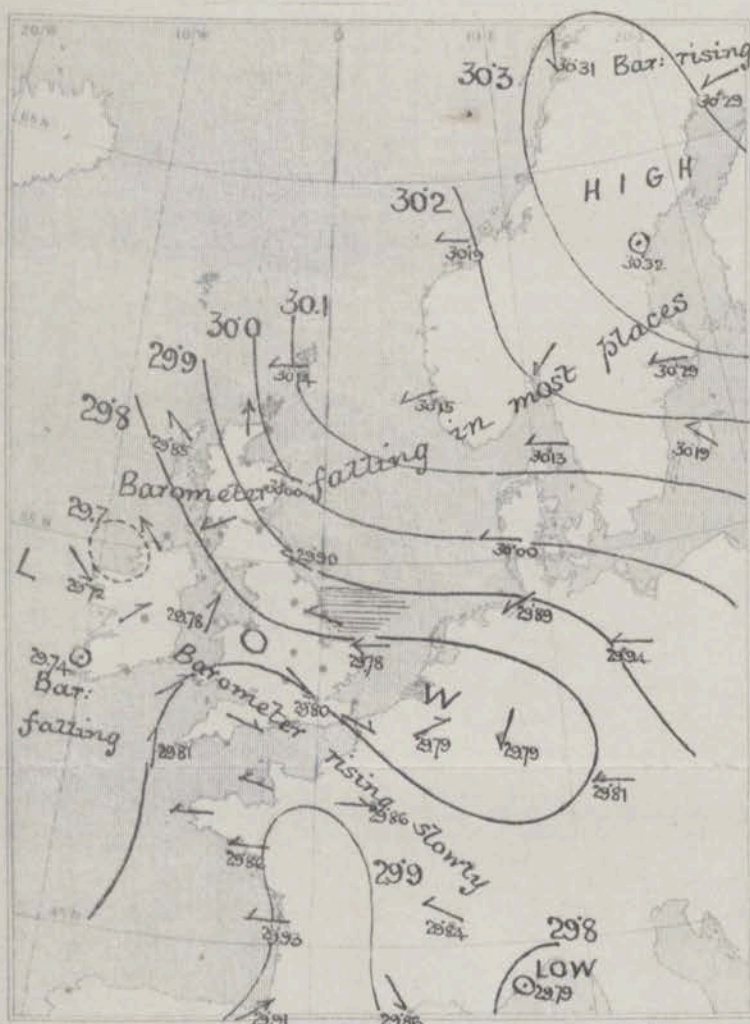
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10  $\rightarrow$  ; Force 5 to 7  $\rightarrow$  ; Force 3 to 4  $\rightarrow$  ; Calm  $\odot$

SEA—Rough  $\equiv$  ; High  $\equiv$





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.3 in. and upwards, in an anticyclone lying over the Gulf of Bothnia and the north of Scandinavia.  
 Lowest, 29.8 in. and less, in a complex depression lying over Ireland and extending across Wales and the central and southeastern parts of England to the Netherlands and Western Germany.  
 Gradients slight. Barometer rising a little over France and the south of England and also in the north of Scandinavia, but falling in most other parts of our area.

## TEMPERATURE

Highest, 54° at Nice, 53° at Jersey and Perpignan, 51° at Wiesbaden, Lyons, and Biarritz, and 50° at Sicily.  
 Lowest, 37° at Helsingfors, 40° at Haparanda and Engholm, 41° at Tander, 42° at Berlin, and 43° at Rode, Rügen, Altdorf, Pilsen and the Helder.  
 The maxima registered yesterday were below 50° at some of our northeastern and northwestern stations, and below 60° in most other parts of the Kingdom.

## WIND

Light to fresh from the E<sup>ly</sup> or SE<sup>ly</sup> over the northern and western parts of the United Kingdom; moderate from the E<sup>ly</sup> or NE<sup>ly</sup> over Denmark, Germany, and the greater part of Scandinavia.  
 Light from the W<sup>ly</sup> or NW<sup>ly</sup> in the extreme south of England, but S<sup>ly</sup> at the mouth of the Channel. Variable in the south of Ireland.  
 Light from the E<sup>ly</sup> in the west of France, but strong from WSW at Biarritz.

## WEATHER

Fine in the extreme northern and southern parts of the United Kingdom, but dull in the intermediate districts, with rain in several places.  
 Fine over the neighbouring parts of the Continent generally, but dull in the central and southern parts of France, with rain at Biarritz.  
 Rain fell yesterday in Ireland, the west of Scotland, and the north and east of England, the largest amount being 0.6 in. at Farnmouth.  
 Solar and lunar halos were seen at Jersey, and a lunar halo in London.

## SEA

Rather rough at Spurn Head, and moderate on our north and east coasts generally, but slight or smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in pressure are very irregular. The depression noticed over our Islands yesterday is apparently filling up; but on our southwest coasts there are indications of the approach of another disturbance from the Atlantic. Cool, changeable weather seems probable over the greater part of our Islands, with rain in many places.

## FORECASTS

For the 24 hours ending at NOON on 14<sup>th</sup> APRIL, 1894.

### DISTRICTS.

### FORECASTS.

1 SCOTLAND NORTH	} SE <sup>ly</sup> winds, freshening; cloudy, showery.
2 SCOTLAND EAST	
3 ENGLAND N.E.	} E <sup>ly</sup> and SE <sup>ly</sup> winds, freshening; unsettled, some rain.
4 ENGLAND EAST	
5 MIDLAND COUNTIES	} Light Variable breezes; cloudy, some rain.
6 ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6 SCOTLAND WEST	} E <sup>ly</sup> and SE <sup>ly</sup> winds, moderate; cloudy, some rain.
7 ENGLAND N.W.	
8 ENGLAND S.W.	S <sup>ly</sup> to SE <sup>ly</sup> winds, moderate; fair to cloudy and some rain.
9 IRELAND NORTH	
10 IRELAND SOUTH	Light Variable breezes; fine to unsettled and some rain.
WARNINGS	
	None issued.

The South Cone, point downwards:  $\nabla$  means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.), should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards S. or N.E., the North Cone is hoisted in preference to the South Cone.  
 The North Cone, point upwards:  $\nabla$  means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.), should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.25	51	47	SSE	1	c	2	Valencia ...	29.84	47	46	W	5	op	5
Sumburgh Head ...	30.08	50	47	SE	2	b	3	Scilly ...	29.83	53	47	W	4	bc	4
Stornoway ...	29.77	59	54	SE	3	b	3	Jersey ...	29.88	53	48	W	3	c	3
Aberdeen ...	29.98	51	47	SE	4	bg	4	Hurst Castle ...	29.82	54	49	W	4	o	4
Shields ...	29.87	45	44	E	4	t	4	Dungeness ...	29.80	55	50	W	4	c	2
Ardrossan ...	29.74	58	55	E	3	o	2	North Foreland	29.78	54	51	SSE	1	o	#
Malin Head ...	29.69	47	47	SE	3	o	1	London (Westminster)	29.77	61	52	SW	1	r	4
Belmullet ...	29.76	46	46	SSE	2	r	#	Yarmouth ...	29.79	48	47	GSE	4	c	#
Holyhead ...	29.73	50	48	S	5	c	4	Rocheport ...	29.97	55	51	N	4		

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull over the greater part of Western Europe, with rain in several places. Fine and bright over the northern parts of Scotland, as well as in Scandinavia, Finland, Denmark, Germany, and Italy; dull in Austria and the south of Russia, with rain at Lemberg. Rain falling during day over Ireland, the west of Scotland, and the north and east of England, but weather remaining dry over our southern countries. Solar and lunar halos seen in the south of England.

Temperature fallen generally. Morning readings highest (1) 64° at Trieste, 62° at Lghow, Lening, and La Cille, and 59° at Oren and Algiers; (2) 58° at Liverpool, and 54° at Cambridge, and 53° in London. Lowest 31° at Archangel, Kuopio, and Helsingfors, 33° at St Petersburg, and 34° at Haparanda and Moscow; below 40° over the greater part of Sweden and Russia. Daily maxima below 50° at some of our extreme northern and northernmost stations, and below 60° in most other parts of the Kingdom, but thermometer reaching 63° at Naim and in London and 64° at Cambridge. Exceeding 65° in the south of France and also at Wiesbaden.

Wind moderate to strong from the NW<sup>W</sup> in the west and south of Ireland and also in the west of France, and light or moderate from the W<sup>W</sup> over the English Channel. E<sup>W</sup> over the northern and eastern parts of the United Kingdom, as well as over Norway, Denmark and Germany; light from the NE<sup>W</sup> over the greater part of Russia; variable in Austria; N<sup>W</sup> or NW<sup>W</sup> in Italy. Moderate to fresh from the SW<sup>W</sup> in Portugal. Subsequently, veering to the SE<sup>W</sup> in Scotland and the north of Ireland; no important change occurring elsewhere.

Barometer highest 30.4 in: and upwards in an anticyclone lying over Finland and Central Sweden; 30.3 in: and upwards in another system off the south of Spain. Lowest 29.7 in: and less, over the St George's Channel and the east of Ireland; 29.8 in: and less, in a complex depression covering nearly the whole of Ireland, England, and the west of Scotland, as well as in another system over Turkey and Asia Minor. Depression over our Islands filling up gradually during day; small disturbances appearing near Biarritz in evening.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.  
" Weekly " " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on *Saturday, 14<sup>th</sup> April, 1894.*

Issued by the Meteorological Office, 63, Victoria Street, London. *R. H. SCOTT, Secretary.*

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.			Weather	BAROMETER.		TEMPERATURE.			WIND.			Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			
							At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)					Weather.	Max.	Min.	Rainfall.
Ins.	°				Ins.	Ins.	°	°	°				°	°	Ins.						
<b>SCANDINAVIA.</b>																					
Haparanda ...	30.38	39	Z	0	b	30.34	+ .05	34	38	- 6	Z	0	0	#	b	#	50	27	-		
Hernösand ...	30.36	35	Z	0	b	30.31	- .01	37	35	0	Z	0	0	#	b	#	55	28	-		
Stockholm ...	30.26	40	Z	0	b	30.28	- .01	49	45	+ 5	Z	0	0	#	b	#	52	34	-		
Wisby ...	30.19	45	SE	4	bc	30.26	+ .07	45	44	+ 1	SE	3	1	#	bc	#	55	36	-		
Bodo ...	30.25	50	E	2	c	30.18	- .13	50	45	+ 7	ESE	2	0	1	c	#	55	41	-		
Christiansund ...	30.17	48	Z	0	b	30.04	- .15	49	43	+ 1	NE	2	bc	2	b	#	?	43	-		
Skudesnaes ...	30.06	47	Z	0	r	30.04	- .11	45	41	- 4	SE	2	b	3	o.r	#	52	39	?		
Fierder (Christiania Fjord)	30.09	44	ESE	5	r	30.16	- .05	42	41	+ 1	ESE	3	b	1	r	#	45	41	0.24		
Skagen (The Scaw)	30.10	42	SE	3	b	30.08	- .05	43	41	0	SE	3	bc	0	b	#	48	39	0.24		
Fano ...	29.95	43	SE	4	b	29.89	- .11	42	41	+ 2	SE	4	0	#	b	#	54	39	-		
Sumburgh Head	30.00	46	ESE	1	b	29.87	- .27	43	41	- 3	ESE	2	c	3	bc, b	#	50	39	-		
Stornoway ...	29.79	49	SE	4	bc	29.67	- .18	44	42	- 1	SE	4	b	4	b, bc	#	52	40	-		
Wick ...	29.91	43	S	4	bc	29.78	- .21	45	42	0	S	4	bc	4	bc	#	50	41	0.02		
Nairn ...	29.85	47	ESE	1	c	29.73	- .21	45	40	0	ESE	3	b	1	c	#	51	33	-		
Aberdeen ...	29.91	43	SE	3	c	29.79	- .21	43	41	0	SE	3	0	5	bc, cp	#	47	39	0.01		
Leith ...	29.83	46	E	3	o	29.72	- .18	45	42	+ 1	ESE	3	bc	#	o	#	48	35	-		
Shields ...	29.87	43	E	4	c	29.77	- .13	44	42	+ 1	ESE	3	c	4	c, p	#	45	39	-		
Spurn Head ...	29.81	44	E	4	og	29.77	- .04	44	44	0	ESE	4	og	4	r, og	#	44	42	0.05		
York ...	29.85	42	E	1	r	29.74	- .10	45	40	+ 1	E	2	o	#	r	#	46	40	0.23		
Loughborough ...	29.80	47	NEW	2	c	29.72	- .07	45	43	- 1	SE	2	c	#	c	#	52	42	-		
<b>BRITISH ISLANDS.</b>																					
Ardsrossan ...	29.78	43	ESE	3	om	29.62	- .20	44	41	+ 1	ESE	4	om	2	r, om	#	44	35	0.18		
Malin Head ...	29.66	47	ESE	5	op	29.45	- .27	43	41	- 2	ESE	7	or	3	o, op, m	#	47	41	0.01		
Belmullet ...	29.61	50	NE	1	c	29.18	- .54	47	45	0	E	8	o	#	om, c	#	51	42	0.02		
Donaghadee ...	29.74	47	SE	5	bc	29.55	- .24	44	44	- 2	SE	6	r	4	bc	#	49	44	0.03		
Liverpool (Bidston)	29.77	48	E	3	c	29.60	- .20	47	44	- 1	ESE	5	o	3	c	#	51	40	-		
Holyhead ...	29.76	48	SW	2	b	29.51	- .27	47	44	0	ESE	5	r	3	og, bc, b	#	52	43	0.02		
Parsonstown ...	29.65	50	SE	1	bc	29.26	- .48	48	47	+ 3	SE	2	or	#	bc, o	#	51	44	0.11		
Valencia ...	29.49	51	ESE	6	o	29.12	- .62	51	51	+ 5	ESE	5	rm	5	bc, o	#	54	46	0.82		
Roche's Point ...	29.61	50	ESE	5	c	29.23	- .54	51	51	+ 6	SW	5	p	5	b, c, r	#	52	45	0.45		
Pembroke (St. Ann's Hd.)	29.72	49	SE	3	b	29.42	- .39	48	48	+ 2	ESE	7	r	6	b	#	51	46	0.19		
Scilly ...	29.65	50	SE	6	op	29.38	- .43	53	52	+ 3	S	6	c	5	bc, op	#	53	48	0.25		
Prawle Point ...	29.76	48	SE	3	b	29.54	- .30	49	48	+ 1	S	7	gd	5	b, r	#	52	45	0.07		
Jersey (St. Aubin's)	29.79	56	ESE	4	b	29.68	- .20	57	49	+ 4	SE	5	og, mp	4	b, og	#	57	49	0.19		
Hurst Castle ...	29.82	50	SW	3	bc	29.69	- .15	49	48	+ 2	ESE	4	r	4	b, bc	#	54	47	0.10		
Dungeness ...	29.78	50	W	4	c	29.78	+ .01	51	49	+ 3	S	4	c	4	bc, c	#	56	44	-		
North Foreland	29.80	49	E	2	bc	29.78	- .02	50	47	+ 1	ESE	1	c	3	bc, v	#	52	43	-		
London (Brixton) ...	29.78	56	W	2	bc	29.74	- .06	52	48	+ 3	SE	2	o	#	bc, o, b	#	61	42	-		
Oxford ...	29.79	47	SW	2	b	29.70	- .12	47	45	+ 3	ESE	2	or	#	b, o	#	58	41	-		
Cambridge ...	29.79	51	NE	1	c	29.74	- .05	50	46	+ 1	ESE	1	bc	#	c	#	58	40	-		
Yarmouth ...	29.80	44	E	3	cg	29.80	+ .02	46	45	+ 2	SE	4	b	4	o, c, g, f	#	46	44	0.03		
<b>GERMANY &amp; HOLLAND.</b>																					
Cuxhaven ...	29.85	50	E	3	c	29.85	- .04	41	41	+ 1	S	2	f	#	c	#	53	40	-		
Berlin ...	29.95	52	E	3	o	29.97	+ .03	52	47	+ 10	SE	2	c	#	o	#	55	42	-		
Wiesbaden ...	?	?	?	?	?	29.96	+ .17	51	49	0	SW	2	c	#	?	#	63	48	0.12		
Munich ...	29.90	53	Z	0	o	30.02	+ .21	50	47	+ 4	SW	3	b	#	o	#	63	43	-		
The Helder ...	29.85	48	S	1	o	29.92	+ .05	46	45	+ 3	SW	1	o	1	o	#	52	43	-		
<b>FRANCE &amp; BELGIUM.</b>																					
Brussels (a.m.) ...	?	?	?	?	?	29.89	+ .10	50	46	+ 2	ESE	2	o	#	o	#	59	41	-		
Cape Gris Nez ...	29.82	49	SW	2	c	29.77	- .01	49	45	+ 2	ESE	3	c	1	c	#	50	43	-		
Paris ...	29.86	55	SW	1	b	29.88	+ .02	48	45	+ 1	SE	2	c	#	b	#	60	41	-		
Brest ...	?	52	S	4	c	?	?	52	52	+ 6	SW	5	r	6	c	#	59	46	0.51		
Lorient ...	29.78	58	S	4	c	29.65	- .21	52	51	+ 7	S	6	o	5	c	#	61	43	0.16		
Rocheport ...	29.87	55	SW	4	b	29.81	- .12	50	49	+ 3	W	4	o	#	bc, b	#	63	47	-		
Belfort ...	?	54	W	2	o	?	?	50	50	+ 1	E	1	m	#	o	#	61	37	-		
Lyons ...	29.92	50	E	1	r	29.98	+ .14	44	44	- 7	ESE	1	bf	#	bl, r	#	62	41	0.16		
Nice ...	29.84	56	SW	2	b	29.98	+ .19	58	45	+ 4	E	3	b	1	b	#	64	50	-		
Perpignan ...	29.91	59	W	1	b	29.93	+ .07	48	46	- 5	Z	0	o	#	b	#	64	41	-		
Biarritz ...	29.88	58	E	3	b	29.82	- .09	59	60	+ 8	SW	3	b	1	b	#	61	50	0.04		
<b>PENIN- SULA.</b>																					
Corunna ...	30.00	56	SW	5	r	30.00	- .08	58	57	+ 1	SW	5	o	#	r	#	59	55	0.20		
Lisbon ...	30.03	55	W	3	c	30.02	+ .12	55	57	- 4	W	2	bc	2	c	#	63	52	-		
Azores (P. Delgada)																					

For Explanation of Columns, see bottom of last page.

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NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR SATURDAY, 14<sup>th</sup> APRIL, 1894.

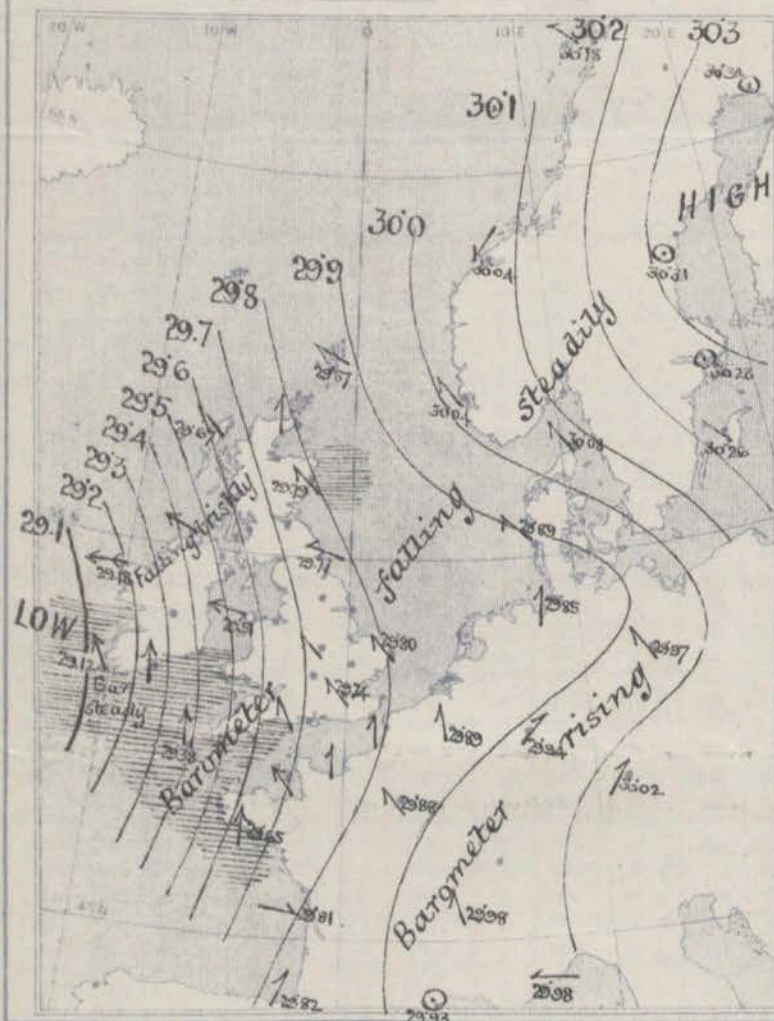
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ : Force 5 to 7 →→→ : } Calm ☉  
Force 8 to 10 →→→ : Force 1 to 4 →→→ : }

SEA—Rough ☼ : High ☼



## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Swanwich Head	29.840	41.7	40.2	46.0	36.7	2.07	—	—
Stornoway	29.824	43.8	42.3	48.0	37.2	2.05	152.3	36
Wick	29.848	43.1	41.2	48.0	36.0	1.68	—	—
Sarn	29.848	42.7	40.4	49.0	37.3	2.26	—	—
Aberdeen	29.858	43.2	40.7	49.3	38.0	2.16	143.0	34
Leith	29.863	44.1	41.7	52.0	37.9	1.57	—	—
Shetland	29.861	43.5	41.4	49.0	38.0	1.80	—	—
Spurn Head	29.863	44.0	42.3	48.4	40.3	1.45	—	—
Yarm	29.875	43.8	41.6	53.5	37.7	1.75	128.6	31
Loughborough	29.879	44.4	42.1	53.1	38.1	1.78	—	—
Androsan	29.877	44.4	42.1	51.5	39.5	2.14	—	—
Donaghadee	29.876	44.6	42.9	51.0	40.0	1.02	—	—
Ballyhead	29.877	45.8	45.8	51.4	42.0	1.00	—	—
Liverpool	29.867	45.0	42.1	52.6	40.4	1.55	—	—
Portsmouth	29.864	45.0	42.5	54.6	38.0	2.04	150.9	30
Valencia	29.854	48.2	45.6	53.9	42.8	3.83	109.5	41
Roche's Point	29.871	46.8	44.5	53.7	42.1	3.24	—	—
Pembroke	29.872	45.2	43.4	50.4	41.9	1.94	182.9	44
Salt	29.874	48.6	46.6	52.1	44.7	2.27	—	—
Crawle Point	29.876	46.2	44.6	51.9	40.7	2.07	—	—
Beauly	29.872	48.5	45.9	54.2	43.5	2.08	187.6	46
Hurst Castle	29.871	45.5	44.2	52.1	41.0	1.83	—	—
Dover	29.864	46.3	44.0	51.1	41.5	1.77	—	—
LONDON	29.878	46.1	43.2	56.0	39.7	1.84	124.3	30
Oxford	29.884	44.4	42.1	54.0	38.9	1.78	141.2	36
Cambridge	29.880	45.2	43.0	55.8	37.3	1.69	147.8	—
Yarmouth	29.872	44.7	43.0	49.1	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.3 ins. and upwards, over the Gulf of Bothnia; 30.0 ins. at Lisbon.

Lowest, 29.1 ins. and less, in a deep depression lying off the west of Ireland.

Gradients rather steep over our islands and the northwest of France, but slight elsewhere.

Barometers falling in most part of the United Kingdom and the neighbouring countries, — quickly on our northwest coasts, but steady at Valentia (Ireland).

## TEMPERATURE

Highest, 59° at Biarritz, 58° at Nice and Sicily, 57° at Jersey, 53° at Bally, and 52° in London, and at Berlin, Preet, and Lorient.

Lowest, (1) 34° at Haparanda, 37° at Hemmstrand, and 41° at Cuxhaven; (2) 43° at Lumburg, N. Aberdeen, and Malin Head.

The maxima registered yesterday were below 50° on our east and northwest coasts, and below 60° in all part of our islands excepting London, where the thermometer rose to 61°.

## WIND

SE<sup>3</sup> or E<sup>3</sup> over all the more northern and eastern part of our islands, and on the eastern shore of the North Sea.

S<sup>3</sup> on our southern coasts, as well as over the greater part of France, Germany, and the Netherlands.

On our western coasts the wind is strong to a gale in force, but elsewhere it is light or moderate.

## WEATHER

Fine at some of our northern and eastern stations, as well as in Scandinavia, Denmark, Germany, and the south of France.

Bell shrouded, with rain in the west and southeast of our islands.

In the course of the past 24 hours rain has fallen in many parts of Western Europe, the amount being mostly slight, but large in the south of Ireland. A thunderstorm occurred at Lyons in the afternoon.

## SEA

Rough at Pembroke and rather rough on our southwest coasts generally, as well as at Aberdeen, but moderate or slight elsewhere.

## PROBABLE CHANGES IN SYSTEM, NOW PREVALENT

The depression off the west of Ireland is inclined to move northwards, and is likely to occasion increasing SE<sup>3</sup> winds on our north and northeast coasts, with gales in places. Rain will probably extend to most of the English stations.

## FORECASTS

For the 24 hours ending at NOON on 15<sup>TH</sup> APRIL, 1894.

### DISTRICTS.

### FORECASTS.

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

SE<sup>3</sup> winds, increasing to a gale; fair to squally and some rain.

SE<sup>3</sup> and S<sup>3</sup> winds, freshening; cloudy, unsettled, some rain.

### DISTRICTS.

### FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

E<sup>3</sup> and SE<sup>3</sup> strong winds and gales; unsettled, rain at times.

S<sup>3</sup> winds, strong; squally, showery.

Same as No 6 and 7.

Same as No 8.

### WARNINGS

At 7.15 pm or 7.30 pm yesterday to districts 1 to 2 and 7 to 10, and at 9.55 am today to district 6. "Hoist South Cone".

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.10	52	48	ESE	2	0	2	Valencia ...	29.62	54	49	ESE	4	c v	4
Sumburgh Head ...	30.04	48	45	E NE	2	bc	4	Scilly ...	29.74	52	48	SE	4	c	3
Stornoway ...	29.82	51	49	SE	4	b	4	Jersey ...	29.85	54	49	SE	3	b	2
Aberdeen ...	29.94	45	44	E	3	c	5	Hurst Castle ...	29.85	53	49	WSW	4	bc	4
Shields ...	29.88	45	42	E	4	c	4	Dungeness ...	29.78	55	50	W	5	bc	2
Ardrossan ...	29.81	42	42	E NE	3	r	2	North Foreland	29.79	52	50	N	2	bc	#
Malin Head ...	29.69	45	44	ESE	6	0	2	London (Westminster)	29.79	56	47	WV	2	bc	#
Belmullet ...	29.67	48	46	SW	1	om	#	Yarmouth ...	29.78	44	43	E	4	0	4
Holyhead ...	29.78	51	47	SW	8	bc	2	Rocheport ...	29.90	58	52	W	4	bc	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine in the extreme northern and southern parts of the United Kingdom, but cloudy in the intermediate districts with rain in places. Fine in Sweden and northern Russia, as well as in many parts of central and southern Europe, but dull in Spain and the south of France, with rain at Biarritz. Rain falling also at several of the Algerian stations. Heavy rain falling at night in the south of Ireland, and smaller quantities in the southeast of England. Thunderstorms occurring at Lyons.

Temperature fallen generally, but risen in Spain, as well as over Ireland, Sweden, and the Baltic. Morning readings highest 61° at Barcelona, 60° at Nemours and Oran, and 59° at Trieste and San Fernando; above 50° in most of the southern countries and also in the Channel Islands. Lowest 31° at St. Petersburg, 33° at Archangel, 36° at Moscow and Kharkov, and 37° at Helsingfors; below 40° in Poland, and below 45° in several parts of Great Britain. Thermometer remaining below 60° all day at most of our own stations, and below 50° on our eastern and northwestern coasts. Rising to between 60° and 65° over France and Germany.

Wind light to fresh from the E<sup>nd</sup> or SE<sup>nd</sup> over Denmark, Germany, the Baltic, the North Sea, and the northern and eastern parts of our Islands. Variable in the south of Ireland, light from the W<sup>nd</sup> or NW<sup>nd</sup> in the extreme south of England. Light and variable in France, Italy, and Austria, but moderate to strong from between SW. and NW. over the Spanish Peninsula. Subsequently shifting to the SE<sup>nd</sup> on our extreme southwest coasts and increasing to a gale at night; no important change occurring elsewhere.

Barometer highest 30.3 ins. and upwards in a long band extending from the north of Scandinavia to Central Russia; 30.1 ins. and upwards, over the south of Spain. Lowest 29.8 ins. and less, in a complex depression stretching across Ireland, Wales, the central and southeasterly parts of England, the Netherlands and Western Germany, and also in three small systems over the south of France, Sardinia and Central Italy. New and rather deep depression approaching the south of Ireland in evening, and barometer falling briskly on our southwestern coasts.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is h. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.  
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 15<sup>th</sup> APRIL, 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																			
STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.		
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Hours of Bright Sun- shine.	TEMP.		Rainfall.
At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Max.	Min.							
Ins.	°			Ins.	Ins.	°	°	°			°	°	Ins.						
<b>SCANDINAVIA.</b>																			
Haparanda ...	30.28	30	SSW	2	b	30.19	- .15	37	35	+ 3	WSW	2	b	#	#	41	28	—	
Hernösand ...	30.29	37	Z	0	b	30.27	- .04	42	39	+ 5	Z	0	b	#	#	55	?	—	
Stockholm ...	30.37	42	Z	0	b	30.30	+ .02	53	47	+ 4	Z	0	b	#	#	59	37	—	
Wisby ...	30.27	42	SSE	4	b	30.28	+ .02	50	48	+ 5	SSE	4	b	#	#	59	39	—	
Bodo ...	30.13	53	Z	0	bc	30.08	- .10	47	42	- 3	Z	0	c	0	bc	#	61	41	—
Christiansund ...	30.08	45	ENE	1	bc	30.01	- .03	50	45	+ 1	ESE	1	0	1	bc	#	50	43	—
Skudesnaes ...	29.99	48	ESE	4	0	29.99	- .05	45	44	0	SSE	6	0	4	0	#	52	41	?
Færder (Christiania Fjord)	30.13	48	NNE	4	0	30.11	- .05	45	44	+ 3	E	4	0	1	0	#	48	42	—
Skagen (The Seaw)	30.10	44	SE	1	b	30.11	+ .03	44	43	+ 1	SSW	1	f	0	b	#	50	41	—
Fano ...	29.99	43	S	1	b	30.00	+ .11	42	41	0	SE	4	c	#	b	#	48	39	0.12
Sumburgh Head	29.79	44	SE	4	0	29.68	- .19	45	45	+ 2	SE	3	m	5	bc	#	48	37	0.01
Stornoway ...	29.48	49	SE	5	0	29.58	- .09	47	45	+ 3	SE	4	b	4	c, 0	7.4	52	42	—
Wick ...	29.67	44	SE	5	0	29.64	- .14	50	48	+ 5	S	1	b	1	0	#	50	42	0.02
Nairn ...	29.58	47	SE	3	c	29.64	- .09	49	46	+ 4	Z	0	b	1	c	#	55	39	0.05
Aberdeen ...	29.69	43	SE	3	ogr	29.68	- .11	50	48	+ 7	SSE	2	bc	4	bc, r, q	1.0	50	42	0.13
Leith ...	29.57	49	ESE	3	0	29.66	- .06	54	49	+ 9	N	1	b	#	0	#	55	39	—
Shields ...	29.63	46	ESE	3	c	29.70	- .07	49	47	+ 5	SSW	2	p	3	op, c	#	52	40	0.01
Spurn Head ...	29.70	51	SSE	4	0	29.73	- .04	51	50	+ 7	SE	2	bc	3	op, r	#	53	43	0.03
York ...	29.65	53	SE	3	0	29.72	- .02	49	46	+ 4	S	1	c	#	0	#	54	40	0.05
Loughborough ...	29.67	52	S	3	c	29.74	+ .02	49	48	+ 4	SE	2	bc, r	#	c	#	54	45	0.01
<b>BRITISH ISLANDS.</b>																			
Ardrossan ...	29.47	49	E	3	om	29.63	+ .01	47	46	+ 3	ENE	4	c	3	r, om	#	49	41	0.10
Malin Head ...	29.26	50	SSE	6	op	29.52	+ .07	46	43	+ 3	SSE	4	0	1	op	#	50	40	0.11
Belmullet ...	29.32	50	SW	3	0	29.37	+ .19	44	42	- 3	SE	3	or	#	0	#	52	42	0.11
Donaghadee ...	29.43	49	SSE	7	0	29.61	+ .06	48	47	+ 4	SSE	6	b	4	0	#	49	42	0.28
Liverpool (Bidston)	29.56	53	SSE	2	r	29.68	+ .08	49	45	+ 2	SE	1	b	2	r	#	55	41	0.29
Holyhead ...	29.51	50	SSW	7	op, m	29.63	+ .12	50	45	+ 3	S	4	bc	3	op, q	#	55	42	0.05
Parsonstown ...	29.44	49	W	1	0	29.68	+ .22	48	45	0	SE	4	c, q	#	0	3.4	60	41	0.11
Valencia ...	29.45	51	SSW	5	b	29.35	+ .23	45	44	- 6	SSW	2	op	4	mp, b, cl	4.3	53	42	1.32
Roche's Point ...	29.52	51	WSW	5	b	29.41	+ .18	45	45	- 6	SW	4	p	4	p, b, p	#	54	45	0.20
Pembroke (St. Ann's Hd.)	29.56	51	WSW	6	b	29.58	+ .16	49	47	+ 1	SSE	6	b	5	b	1.7	53	47	0.03
Scilly ...	29.65	52	WSW	4	bc	29.53	+ .15	51	49	- 2	S	6	cp	5	c, bc	7.5	58	48	—
Prawle Point ...	29.66	51	SW	4	cp, g	29.70	+ .16	50	48	+ 1	SW	6	c	3	cp, g	#	54	46	0.03
Jersey (St. Aubin's)	29.73	55	WSW	4	c	29.79	+ .11	53	51	- 4	SSE	4	cp, m	3	c	#	58	49	0.16
Hurst Castle ...	29.71	53	SSW	5	r	29.77	+ .08	50	49	+ 1	SSW	4	op	4	o, r	#	54	48	0.16
Dungeness ...	29.80	52	S	4	c	29.81	+ .03	53	51	+ 2	SW	4	0	3	c	#	54	49	0.02
North Foreland	29.81	54	S	4	og	29.84	+ .06	54	49	+ 4	S	4	c	3	0	#	56	48	0.01
London (Beckton) ...	29.75	52	S	3	0	29.79	+ .05	51	50	- 1	SSE	2	op	#	op, 0	0.0	55	49	0.12
Oxford ...	29.71	52	S	2	0	29.75	+ .05	49	48	+ 2	SSE	2	op	#	0	#	54	45	0.02
Cambridge ...	29.74	53	SSE	4	0	29.77	+ .03	53	52	+ 3	SSE	3	0	#	0	0.6	57	46	0.06
Yarmouth ...	29.79	51	SSE	4	c	29.80	.00	49	48	+ 3	SSE	4	c, m, g	4	bc, c	#	54	45	0.02
<b>GERMANY &amp; HOLLAND.</b>																			
Cuxhaven ...	29.95	47	NE	1	0	29.98	+ .13	48	47	+ 7	SE	2	0	#	0	#	54	41	—
Berlin ...	30.04	53	Z	0	0	30.06	+ .09	50	49	- 2	Z	0	0	#	0	#	61	46	0.20
Wiesbaden ...	#	#	#	#	#	30.05	+ .09	55	52	+ 4	S	1	0	#	#	#	61	48	—
Munich ...	30.04	52	E	3	b	30.15	+ .13	53	50	+ 3	SW	3	c	#	b	#	64	48	—
The Helder ...	29.94	55	WSW	1	0	29.93	+ .01	52	51	+ 6	S	1	0	1	0	#	57	46	—
<b>FRANCE &amp; BELGIUM.</b>																			
Brussels (9 a.m.) ...	#	#	#	#	#	29.92	+ .03	57	52	+ 7	SSE	3	bc	#	0	#	64	49	0.04
Cape Gris Nez ...	29.80	55	SSW	4	0	29.82	+ .05	53	52	+ 4	S	4	bc	2	0	#	57	49	—
Paris ...	29.93	52	S	3	0	29.95	+ .07	51	49	+ 3	S	2	r	#	0	#	64	47	0.04
Brest ...	#	55	WSW	3	bc	?	?	51	50	- 1	SSW	4	c	4	bc	#	59	48	0.12
Lorient ...	29.79	55	SW	5	c	29.78	+ .13	52	50	0	SSW	5	c	5	c	#	59	48	0.04
Rochefort ...	29.95	58	WSW	3	0	29.98	+ .17	54	53	+ 4	WSW	1	0	#	0	#	64	45	0.08
Belfort ...	#	60	SW	4	0	?	?	58	50	+ 8	NE	1	b	#	0	#	70	47	—
Lyons ...	30.01	59	S	2	0	30.05	+ .07	53	48	+ 9	S	1	b	#	0	#	66	44	—
Nice ...	30.05	57	SW	2	c	30.12	+ .14	52	45	- 6	W	1	b	0	c	#	72	48	—
Perpignan ...	29.98	62	NE	2	c	30.02	+ .09	55	53	+ 7	SW	2	0	#	c	#	67	46	—
Biarritz ...	29.89	67	S	2	bc	29.93	+ .11	62	54	+ 3	S	3	0	2	bc	#	72	54	—
<b>PENINSULA.</b>																			
Corunna ...	29.88	59	SW	5	0	29.73	- .07	56	51	- 6	S	7	0	5	0	#	?	50	0.08
Lisbon ...	30.08	58	SSW	4	bc	30.06	+ .06	58	56	0	SSW	5	0	#	bc	#	64	57	—
Azores (P. Delgada)	30.01	58	SW	4	c	29.98	- .04	60	59	+ 5	WSW	4	0	4	c	#	61	55	—

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR SUNDAY, 15<sup>th</sup> APRIL, 1894.

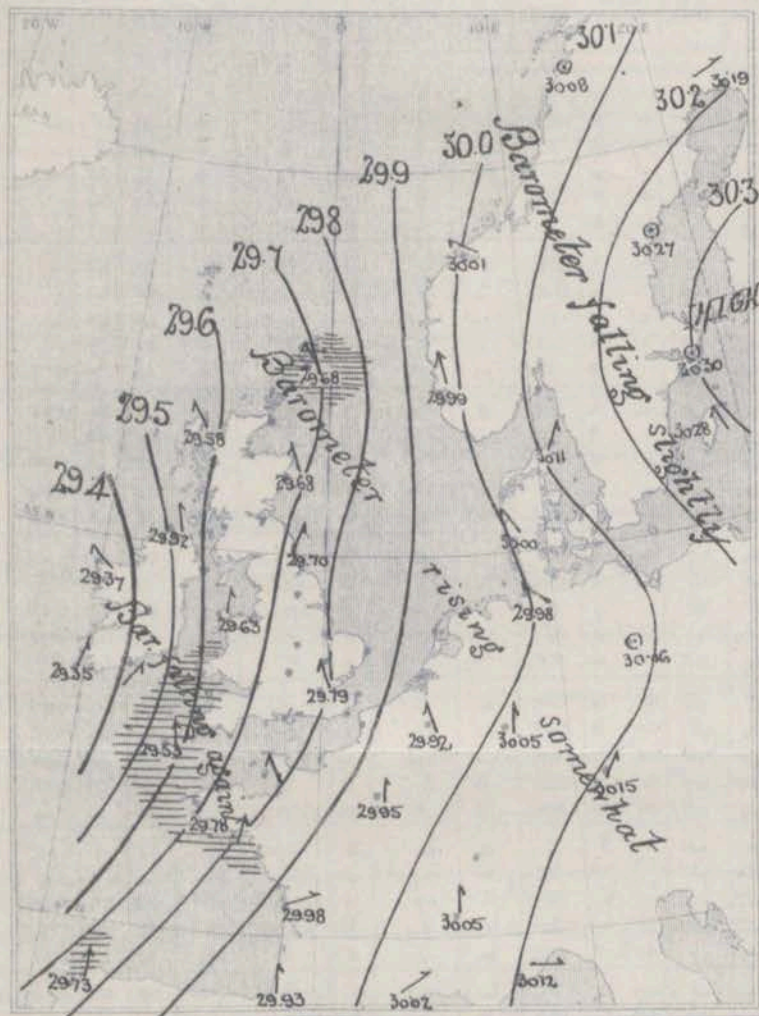
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10  $\rightarrow$  : Force 5 to 7  $\rightarrow$  : Force 8 to 10  $\rightarrow$  : Force 1 to 4  $\rightarrow$  : Calm  $\odot$

SEA—Rough  $\equiv$  : High  $\equiv$

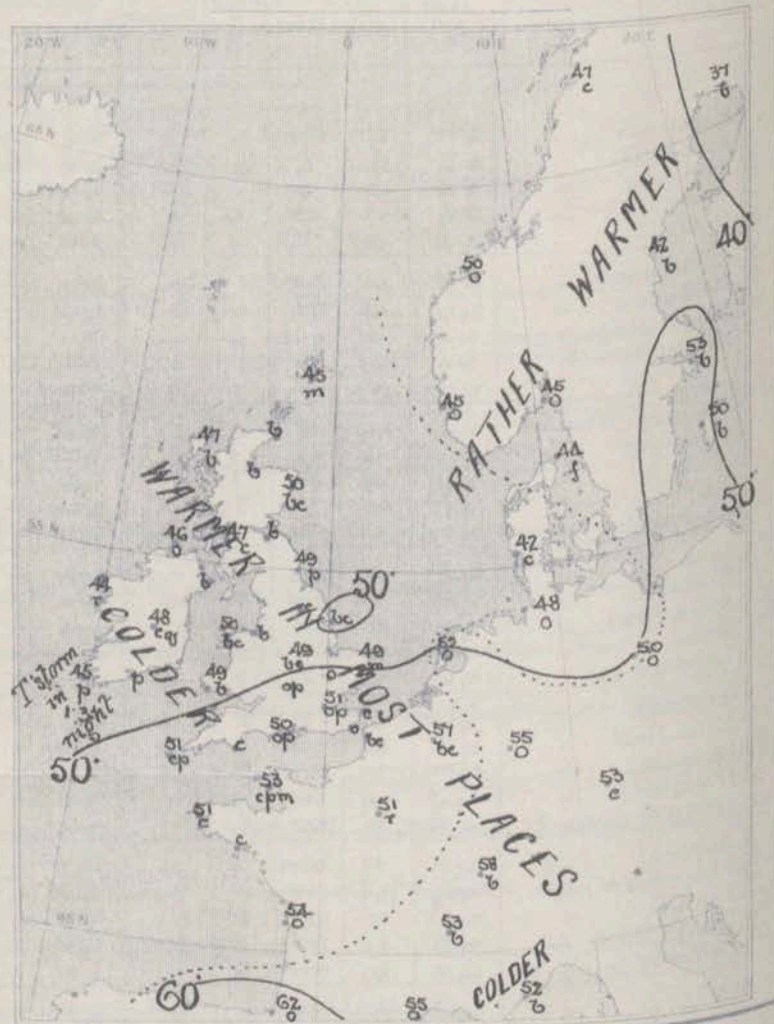


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871-90). (Inches.)	TEMPERATURE. (20 years 1871-90).				RAINFALL. (25 years 1866-90). (Inches.)	BRIGHT SUNSHINE (10 years 1881-90).	
		Dry Bulb ° F.	Wet Bulb ° F.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Sumburgh Head	29.840	41.7	40.2	46.0	30.7	2.07	—	30
Stornoway	29.824	43.8	42.3	48.9	37.2	2.63	132.3	30
Wick	29.848	43.1	41.2	48.9	36.9	1.68	—	—
Nairn	29.848	42.7	40.4	50.9	37.3	1.26	—	34
Aberdeen	29.878	43.2	40.7	49.3	38.0	2.10	143.0	—
Leith	29.863	44.1	41.7	52.0	37.9	1.57	—	—
Shetland	29.896	43.3	41.4	49.0	38.0	1.80	—	—
Spurn Head	29.863	44.0	42.3	48.4	40.3	1.45	—	31
Yarm	29.875	43.8	41.6	53.5	37.7	1.75	128.6	—
Loughborough	29.879	44.4	42.1	55.1	38.1	1.78	—	—
Ardrara	29.875	44.4	42.1	51.5	30.5	2.14	—	—
Port Arthur	29.869	44.6	42.9	51.0	40.0	1.92	—	—
Holyhead	29.857	43.8	43.8	51.4	42.0	1.90	—	—
Liverpool	29.867	45.0	42.1	52.6	40.4	1.55	—	33
Birmingham	29.864	45.0	42.5	54.0	38.0	2.04	130.9	41
Valence	29.854	48.2	45.0	58.9	42.8	3.84	180.5	—
Beche's Point	29.851	46.8	44.5	56.7	42.1	3.24	182.9	44
Cardiff	29.872	45.2	43.4	50.4	41.6	1.94	—	—
Scilly	29.836	48.6	46.6	52.1	44.7	2.57	—	—
Princes' Island	29.870	40.2	44.6	51.9	40.7	2.07	—	40
Jersey	29.872	48.5	45.0	54.2	43.5	2.08	187.6	—
Harbour Castle	29.871	46.5	44.2	52.1	41.0	1.83	—	—
Dover	29.864	46.3	44.0	51.1	41.5	1.77	—	30
LONDON	29.878	46.1	43.2	50.0	39.7	1.84	124.3	34
Oxford	29.881	44.4	42.1	54.0	38.9	1.78	141.2	30
Cambridge	29.880	43.2	43.0	55.8	37.3	1.69	147.8	—
York	29.872	44.7	43.0	49.4	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.3 in. and upwards over the northern part of the Baltic; 30.0 in. and upwards in Portugal.  
Lowest, 29.4 in. and less, in a depression off the west of Ireland.

Gradients moderate over our western coasts and the Bay of Biscay, but slight elsewhere.

Barometer rising generally, but falling in the extreme west and southwest of our Islands, as well as at Corunna and Lisbon.

## TEMPERATURE

Highest 62° at Biarritz, 58° at Lisbon, 57° at Brussels, 56° at Corunna, and 55° at Wiesbaden and Perpignan.

Lowest, (1) 37° at Hafavanda, 42° at Helsingfors, and 44° at Skagen (2) 44° at Belmullet, and 45° at Lumburgh, Valence, and Rocher Point.

The maxima registered yesterday some below 55° in many parts of the United Kingdom, and below 50° at one or two of our northern and extreme northern stations.

## WIND

S<sup>3</sup> over nearly the whole of Western Europe — inclining to the SE<sup>4</sup> in the northern parts of our area, but to the SW<sup>4</sup> in the south; light or moderate in force generally, but strong on many parts of our west and southwest coasts.

Calm or light from the W<sup>nd</sup> over Sweden and the north of Norway.

## WEATHER

Changeable and showery in most parts of Ireland and England, but fine in Scotland.

Dull at most of the Continent stations, with rain at Paris, but fine in Sweden and also in the south of France.

Rain fell yesterday in nearly all parts of the United Kingdom, as well as in the west and north of France, the amounts being slight generally, but large (1.3 in.) at Valence (France) where a thunderstorm occurred during the night.

## SEA

Rather rough on our southwest coasts, as well as at Lumburgh Head, but moderate or slight elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

# FORECASTS

For the 24 hours ending at NOON on 16<sup>th</sup> APRIL 1894.

## DISTRICTS.

## FORECASTS.

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

None issued

## DISTRICTS.

## FORECASTS.

- 7 SCOTLAND WEST
- 8 ENGLAND N.W.
- 9 ENGLAND S.W.
- 10 IRELAND NORTH
- 11 IRELAND SOUTH

None issued

## WARNINGS

The SOUTH CONE is still flying in districts 0 to 2 and 6 to 10.

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.  
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

YESTERDAY'S 2 P.M. REPORTS.																
	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.	
		Dry.	Wet.							Dry.	Wet.					
Skudesnaes ...	30.00	52	45	ESE	4	o	3	Valencia ...	29.33	49	47	SW	6	mp	5	
Sumburgh Head	29.83	47	43	SE	3	bc	4	Scilly ...	29.53	55	53	WSW	6	em	4	
Stornoway ..	29.56	61	45	SE	4	c	2	Jersey ...	29.70	56	53	SSE	5	c	5	
Aberdeen ...	29.73	47	45	SE	4	bcg	5	Hurst Castle ...	29.68	55	52	S	5	o	3	
Shields ...	29.68	44	43	ESE	5	op	4	Dungeness ...	29.78	53	50	S	3	o	3	
Ardrossan ...	29.51	49	48	E	3	r	2	North Foreland	29.80	53	50	S	5	o	#	
Malin Head ...	29.33	47	45	SE	6	o	3	London (Westminster)	29.74	52	50	SE	3	bc	4	
Belmullet ...	29.47	51	51	S	4	o	#	Yarmouth ...	29.75	52	49	SSE	4	o	#	
Holyhead ...	29.45	53	51	SSE	7	opz	4	Rocheport ...	29.90	60	55	WSW	4	o		

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning dull and rainy in the western and southern parts of the United Kingdom, as well as in the north of France. Fine in most other parts of Europe, but dull over the Spanish Peninsula, and also in Denmark and the south of Sweden, with rain at Cronna and Wistky. Rain falling during day in nearly all parts of the United Kingdom, as well as at some of the French and German stations, amounts mostly slight, but very large at Valencia (Ireland) where a thunderstorm occurring during the evening night.

Temperature risen a little in most places. Morning readings highest 64° at Oran, 61° at Barcelona and Algiers, and 60° at Patras, above 55° at most of the Mediterranean, Adriatic and Spanish stations, and also in the Channel Islands. Lowest 30° at Archangel, 34° at Hafavanda, 35° at St Petersburg and 36° at Hankow; below 45° at several of our own northern stations. Thermometers ascending 70° in the west and south of France and also in some parts of Italy.

Winds E<sup>3</sup> or SE<sup>3</sup> in the northern and eastern parts of the United Kingdom, and also over Norway, Denmark, North Germany, and the Baltic; S<sup>3</sup> in the south and southwest of our Islands as well as over the greater part of France and Spain; strong to a gale in force on our own west and southwest coasts, but light or moderate elsewhere. Calm in Sweden; variable over northern Russia; light from the E<sup>2</sup> or NE<sup>2</sup> in the south of Russia; variable in Austria and Italy. Subsequently veering to the SW<sup>2</sup> over the southern parts of the United Kingdom; no important change occurring elsewhere.

Barometer highest 30.3 in: to 30.4 in: over Finland and the Gulf of Bothnia; 30.1 in: and upwards, over Algeria and the extreme south of Spain. Lowest 29.1 in: and less, in a well marked and rather deep depression lying off the west of Ireland. Depression subsequently moving northwards, and barometer rising in the west and south of our Islands and the west of France.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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„ Weekly „ „ „ „ £1 10 0 „



# DAILY WEATHER REPORT

for 8 a.m. on

Monday, 16<sup>th</sup> April,

1894.

*Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.*

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	TEMP.		Rainfall.	
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.		Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12.)	Max.				Min.			
		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
SCANDINAVIA.																					
Haparanda ...	30.11	32	SW	2	b	30.04	-15	36	35	-1	SEW	2	e	#	b	#	37	25	-		
Hernösand ...	30.15	41	S	2	b	30.06	-21	41	39	-1	2	0	b	#	b	#	52	30	-		
Stockholm ...	30.23	44	2	0	b	30.10	-20	53	47	0	SE	2	e	#	b	#	57	39	-		
Wisby ...	30.21	48	S	4	bc	30.11	-17	50	46	0	S	4	c	#	bc	#	59	39	0.04		
Bodo ...	30.02	45	SEW	2	0	29.97	-11	43	42	-4	SSE	2	r	1	0	#	48	41	0.24		
Christiansund ...	29.97	48	ESE	1	bc	29.92	-09	50	45	0	E	2	b	1	bc	#	55	48	-		
Skudesnaes ...	29.93	49	ESE	4	c	29.80	-19	49	46	+4	E	2	0	3	c	#	52	45	-		
Færder (Christiania Fjord)	30.07	47	NNE	2	bc	29.99	-12	44	43	-1	N	3	m	1	bc	#	48	43	-		
Skagen (The Seaw)	30.05	43	S	1	f	29.95	-16	44	44	0	ESE	2	f	0	f	#	46	41	-		
Fano ...	29.88	49	SE	4	b	29.75	-25	46	?	+4	SE	4	b	#	f	#	59	44	-		
BRITISH ISLANDS.																					
Sumburgh Head	29.67	45	SE	2	f	29.65	-03	43	43	-2	SE	2	0	4	f	#	47	42	0.02		
Stornoway ...	29.51	49	E	4	c	29.51	-07	47	47	0	2	0	b	3	bc	#	8.9	54	46		
Wick ...	29.58	46	SE	5	c	29.57	-07	44	44	-6	S	3	f	3	c	#	56	43	-		
Nairn ...	29.52	55	W	0	c	29.53	-11	44	43	-5	2	0	c	1	c	#	57	34	-		
Aberdeen ...	29.61	46	SE	3	0	29.57	-11	43	43	-7	ESE	1	of	3	c, 0	#	56	41	-		
Leith ...	29.55	57	S	2	b	29.49	-17	45	45	-9	E	2	0	#	b	#	59	38	0.05		
Shields ...	29.60	51	ESE	3	0	29.51	-19	48	46	-1	E	1	cp	2	op	#	52	43	-		
Spurn Head ...	29.64	51	SSE	3	bc	29.48	-25	46	46	-5	SE	3	f	3	bc	#	52	45	0.02		
York ...	29.61	56	S	1	bc	29.47	-25	52	50	+3	E	1	c	#	bc	#	60	46	0.01		
Loughborough ...	29.63	56	S	2	c	29.43	-31	50	49	+1	SE	4	omr	#	c	#	62	45	-		
GERMANY & HOLLAND.																					
Ardrassan ...	29.48	53	E	3	om	29.42	-21	47	46	0	HE	2	om	1	om	#	53	40	0.08		
Malin Head ...	29.37	48	S	4	op	29.39	-13	45	44	-1	E	5	0	2	op	#	55	40	0.08		
Belmullet ...	29.36	45	SW	2	0	29.34	-03	47	44	+3	E	3	b	#	0	#	49	39	0.04		
Donaghadee ...	29.49	47	SSE	5	c	29.39	-22	47	46	-1	ESE	6	m	4	c	#	51	45	0.11		
Liverpool (Bidston)	29.55	49	SSE	3	c	29.38	-30	51	48	+2	E	4	r	3	c	#	58	46	0.01		
FRANCE & BELGIUM.																					
Holyhead ...	29.52	48	SSW	4	bcp	29.36	-27	49	48	-1	ESE	2	ogm	1	bcp	#	56	44	0.20		
Parsonstown ...	29.42	52	2	0	bc	29.32	-16	45	44	-3	HE	1	r	#	c, 0	#	4.2	52	40	0.38	
Valencia ...	29.38	49	SSE	3	c	29.26	-09	49	47	+4	ESE	4	c	4	c	#	67	52	45	0.04	
Roche's Point ...	29.32	52	SW	4	b	29.32	-09	47	45	+2	H	1	b	2	b	#	54	45	0.05		
Pembroke (St. Ann's Hd.)	29.53	49	SSW	3	0	29.28	-30	49	49	0	SE	3	op	4	0	#	3.4	?	49	0.23	
PENIN- SULA.																					
Scilly ...	29.44	50	SE	5	0	29.35	-18	50	47	-1	WWSW	5	bc	5	0	#	2.0	55	46	0.76	
Prawle Point ...	29.56	49	S	5	0	29.33	-37	47	46	-3	WSW	7	r	6	ogyp	#	56	44	0.15		
Jersey (St. Aubin's)	29.65	55	S	4	c	29.49	-30	52	47	-1	SW	6	emp	4	cp	#	58	45	0.28		
Hurst Castle ...	29.61	52	S	4	OU	29.45	-32	49	48	-1	SSW	6	r	5	0	#	56	47	0.20		
Dungeness ...	29.74	53	SSW	3	bc	29.45	-36	51	49	-2	WSW	5	bcp	5	c, bc	#	48	49	0.12		
FRANCE & BELGIUM.																					
North Foreland	29.73	52	S	4	bq	29.44	-40	50	49	-4	S	6	rq	5	c, bq	#	60	48	0.14		
London (Brixton) ...	29.70	55	S	2	bc	29.43	-36	47	46	-4	S	2	r	#	bc, op	#	4.4	61	47	0.16	
Oxford ...	29.62	50	SSE	2	0	29.37	-38	47	46	-2	SE	4	r	#	op	#	58	48	0.11		
Cambridge ...	29.67	56	SSW	3	b	29.42	-35	53	50	0	SW	4	0	#	c, b	#	2.8	61	44	0.01	
Yarmouth ...	29.73	52	SSE	4	c	29.50	-30	48	47	-1	SE	4	c	4	c	#	55	45	-		
GERMANY & HOLLAND.																					
Cuxhaven ...	29.40	53	SE	1	c	29.72	-26	50	50	+2	SSE	1	bc	#	c	#	60	48	0.03		
Berlin ...	29.97	60	SSE	2	0	29.90	-16	55	51	+5	SSE	3	b	#	0	#	66	50	-		
Wiesbaden ...	#	#	#	#	#	29.80	-25	53	53	+1	SSW	2	0	#	#	#	66	54	-		
Munich ...	29.99	53	SE	2	b	29.86	-29	53	48	0	SSW	2	e	#	b	#	64	51	-		
The Helder ...	29.86	53	SSE	1	r	29.65	-28	53	52	+1	SSE	2	c	1	r	#	61	50	0.24		
FRANCE & BELGIUM.																					
Brussels (A.M.) ...	#	#	#	#	#	29.60	-32	52	50	-5	SE	4	r	#	0	#	65	48	0.20		
Cape Gris Nez ...	29.73	53	SW	3	c	29.49	-33	51	50	-2	S	5	r	4	c	#	57	46	0.12		
Paris ...	29.85	54	SSE	1	0	29.66	-29	51	47	0	SW	3	b	#	0	#	56	50	0.51		
Brest ...	?	52	SSW	5	r	?	?	50	47	-1	WSW	5	c	6	r	#	55	45	0.55		
Lorient ...	29.63	52	SSW	6	0	29.59	-19	51	48	-1	WSW	6	c	5	0	#	57	46	0.04		
FRANCE & BELGIUM.																					
Rocheport ...	29.78	56	W	3	0	29.76	-22	52	49	-2	W	5	bc	#	0	#	66	46	0.08		
Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Lyons ...	29.91	60	S	5	0	29.85	-20	56	52	+3	S	3	0	#	0	#	68	53	-		
Nice ...	30.11	53	SW	1	c	30.02	-10	52	52	0	E	1	f	2	c	#	63	50	0.28		
Perpignan ...	29.88	58	HE	2	0	29.87	-15	57	54	+2	HW	2	0	#	0	#	63	50	-		
Biarritz ...	29.78	61	SSE	4	0	29.86	-07	54	57	-8	SSW	2	0	5	0	#	66	52	0.24		
PENIN- SULA.																					
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Lisbon ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Azores (P. Deigada)	30.04	58	SW	6	r	30.07	+01	58	58	0	W	4	0	#	r	#	63	55	0.79		
	30.14	60	WSW	2	0	30.21	+23	60	59	0	W	3	c	3	0	#	68	59	-		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR MONDAY, 16<sup>TH</sup> APRIL, 1894.

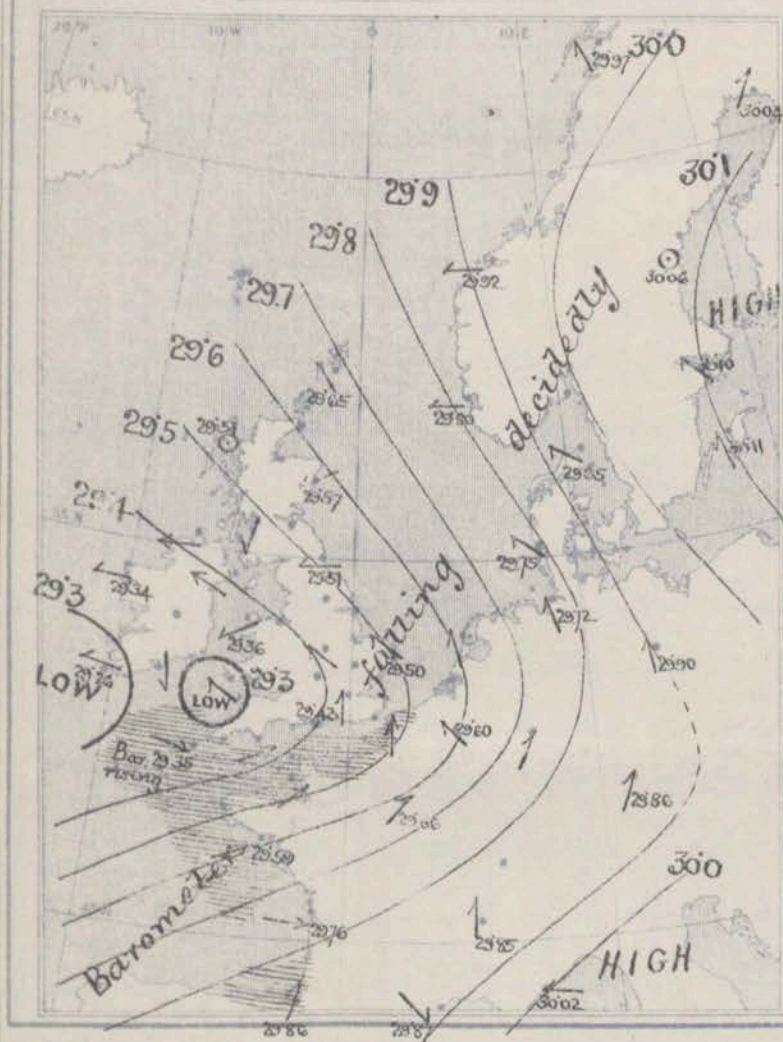
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → → → ; Force 5 to 7 → → → ; Force 3 to 4 → → → ; Force 1 to 2 → → → ; Force 1 to 4 → → → ; Calm ☉

SEA—Rough ■■■ ; High ■■■■



## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Swanburgh Head	29.840	41.7	40.2	46.0	36.7	2.07	—	20
Stornoway	29.824	43.8	42.3	48.9	37.2	2.05	152.3	—
Wick	29.828	42.1	41.2	48.9	36.9	1.68	—	—
Nairn	29.848	42.7	40.4	50.9	37.3	1.26	—	34
Aberdeen	29.828	43.2	40.7	49.3	38.0	2.16	143.0	—
Inverness	29.831	44.1	41.7	52.0	37.9	1.57	—	—
Shetland	29.868	43.5	41.4	49.0	38.6	1.80	—	—
Spinn Head	29.833	44.0	42.3	48.4	40.3	1.45	—	31
York	29.855	43.8	41.0	53.5	37.7	1.55	128.6	—
Loughborough	29.822	44.4	42.1	55.1	38.1	1.78	—	—
Arbroath	29.835	44.4	42.1	51.5	39.5	2.14	—	—
Dunfermline	29.839	44.6	42.9	51.0	40.0	1.92	—	—
Holyhead	29.851	45.8	43.8	51.4	42.0	1.90	—	—
Glasgow	29.857	45.0	43.1	52.6	40.4	1.55	—	30
Portsmouth	29.834	45.0	42.5	54.6	38.9	2.04	139.9	41
Valencia	29.854	48.2	45.6	53.9	42.8	3.84	100.5	44
Trinidad Point	29.851	46.8	44.5	53.7	42.1	3.24	—	—
Pembroke	29.852	45.2	43.4	50.4	41.9	1.94	182.0	—
Scilly	29.856	48.6	46.6	52.1	44.7	2.57	—	—
French Point	29.856	46.2	44.6	51.9	40.7	2.07	—	40
Jersey	29.852	48.5	45.9	54.2	43.5	2.08	187.0	—
Ward Castle	29.871	45.5	44.2	52.1	41.0	1.83	—	—
Dover	29.864	46.3	44.0	51.1	41.5	1.77	—	30
LONDON	29.878	46.1	43.2	50.0	39.7	1.84	124.3	34
Hydron	29.874	44.4	42.1	51.0	38.9	1.78	141.2	26
Cambridge	29.881	45.2	43.0	55.8	37.3	1.69	147.8	—
Yarmouth	29.872	44.1	43.0	49.6	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.1 ins and upwards, over the Baltic; 30.0 ins and upwards over the southern part of the Spanish Peninsula.  
 Lowest, 29.3 ins and less, in two small depressions - one lying off the southwest of Ireland and the other near the mouth of the Bristol Channel.  
 Gradients slight generally, but moderate over the north of France.  
 Barometer falling in most places, but rising again in the southwest of England.

## TEMPERATURE

Highest, 58° at Lisbon, 57° at Perpignan, 56° at Wiesbaden and Lyons, 55° at Berlin, and 54° at Rhenitz.  
 Lowest, 36° at Naparanda, 41° at Hermsdorf, 43° at Bonn, Lumburg H<sup>t</sup> and Aberdeen, and 44° at Jülich, Solingen, and Nairn.  
 During yesterday the thermometer rose to between 60° and 62° over the central and southeastern parts of England.

## WIND

Slight to fresh from the E<sup>st</sup> or SE<sup>st</sup> in all but the extreme southern parts of our Islands, and also on the eastern shore of the North Sea.  
 Fresh to strong from the W<sup>st</sup> or SW<sup>st</sup> over the Channel and Bay of Biscay; light from the S<sup>st</sup> over Sweden, Germany, and Central France.

## WEATHER

Dull in all but the extreme western and southwestern parts of the United Kingdom, with rain over England and Central Ireland, and with fog or several part of our north and northeast coasts.  
 Fair or fine at most of the Continental stations, but dull in the south of France.  
 In the course of the past 24 hours rain has fallen in nearly all parts of the Ireland, England, and France, the largest amounts being 0.8 in. at Scilly, and 0.6 in. at Brest. Solar and lunar halos were seen yesterday in London, and a lunar halo at Nairn and Rother.

## SEA

Rough or rather so in the Channel and Bay of Biscay, but moderate or slight elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depressions in the southwest are inclined to move slowly northeastwards. Changeable showery weather is likely to prevail generally, with strong SW<sup>st</sup> winds on our southern coasts.

## FORECASTS

For the 24 hours ending at NOON on 17<sup>th</sup> April, 1894.

### DISTRICTS.

### FORECASTS.

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

E<sup>st</sup> and SE<sup>st</sup> winds, moderate;  
 cloudy, showery, local fogs.

SE<sup>st</sup> and S<sup>st</sup> winds, fresh;  
 changeable, showery.

SW<sup>st</sup> winds, fresh or strong;  
 changeable, showery.

### DISTRICTS.

### FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

E<sup>st</sup> winds, fresh, dull, some rain.

Same as N° 5

Same as N° 6 and 7.

SE<sup>st</sup> winds, moderate or fresh;  
 cloudy, showery.

### WARNINGS

None issued.

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.  
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the North Cone is hoisted in preference to the South Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F. WEA. SEA.				BAR.	THER.		WIND. Direc.	F. WEA. SEA.			
		Dry.	Wet.							Dry.	Wet.					
Skudesnaes ...	29.97	51	46	ESE	4	c	4	Valencia ...								
Numburgh Head ...								Scilly ...								3
Stornoway ...	29.88	52	49	SE	3	6	3	Jersey ...	29.73	56	53	SSE	4	cp		
Aberdeen ...								Hurst Castle ...								2
Shields ...								Dungeness ...	29.77	56	53	SW	3	c		3
Ardrossan ...								North Foreland ...	29.78	59	57	SSW	5	c		#
Malin Head ...	29.86	52	47	SE	7	0	3	London (Westminster)								
Belmullet ...	29.33	47	46	SSW	3	0	#	Yarmouth ...								#
Holyhead ...								Rocheport ...								

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine in Scotland, but changeable and showery over the greater part of Ireland and England. In Norway, Germany and most parts of France and Spain, with rain at Paris and Limoges; fine in all other Continental countries generally, but foggy in Denmark. Rain falling later in nearly all parts of Ireland, England and France, and also at some of the Scotch and Scandinavian stations. Solar and lunar halos seen in various parts of United Kingdom.

Temperatures risen generally, but fallen in the southwest of our islands and also in the south of France. Morning reading, 41° at Belfast, 62° at Biarritz and Trieste and 61° at Barcelona; above 55° in most parts of Southern Europe. Lowest 34° at Archangel, 35° at Moscow, 36° at Kuopio and 37° at Haparanda. Daily maximum below 55° on several parts of our eastern and western coast, but thermometer rising to between 60° and 62° over the central and south-eastern parts of England. Exceeding 65° at some of the French and German stations.

Wind Southerly (Southeast to Southwest) over the whole of Western Europe; light or moderate in force generally, but strong on some parts of our western and south-western coasts. Calm over Sweden and Northern Russia; light from the Northwest over the Central and Southern parts of Russia; variable in Austria, Italy and Algeria. Wind subsiding later on our west coast; no important change occurring elsewhere.

Barometer highest 30.4 in. and upwards in a large anticyclone lying over Central Russia; 30.2 in. & upwards in another system over Algeria. Lowest 29.4 in. and less in a depression lying off the west of Ireland. Depression moving northwards, but other disturbances beginning to approach our southwest coasts in evening, and barometer falling over Western Europe generally.

## SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 8<sup>th</sup> TO THE 14<sup>th</sup> APRIL 1894.

The distribution of pressure observed over Western Europe last week was of a very unsettled type, and rain fell in all parts of the United Kingdom. In Ireland and the west of Scotland as well as in isolated parts of the north and east of England the aggregate amount was large, but in other localities it was much smaller and in the east of Scotland and the south of England it was almost inappreciable.

During the early part of the week a large anticyclone lay over Scandinavia while depressions of moderate intensity moved northwards along our extreme west coast. The prevailing wind in our islands was therefore Southeasterly or Southerly, with cloudy weather and occasional rains in the western parts of the Kingdom, but with fine warm weather in all the more eastern and central districts. On the 8<sup>th</sup>, the 10<sup>th</sup> and the 11<sup>th</sup> the thermometer rose to 70° or more at several of the English stations and in some places it exceeded 75°.

On the night of the 10<sup>th</sup> the western depressions all passed away to the northward, but shallow secondary disturbances began to appear over France and the extreme southwest of our islands. Next day one of these systems advanced north-eastwards and spread gradually over the entire Kingdom so that a complete cyclonic circulation of light winds was observed, with thunderstorms and heavy showers in many places. On the 13<sup>th</sup> the depression gradually filled up, but in the course of the following night a larger and much deeper disturbance advanced to our southwest coasts and in the course of the ensuing 24 hours this moved northwards along the western part of Ireland and Scotland. The passage of the disturbance was accompanied by South-easterly gales on our western coasts, with considerable falls of rain in Ireland, and by freshening South-easterly and Southerly winds and showery weather in all other parts of the United Kingdom.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.  
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

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TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.  
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# DAILY WEATHER REPORT

for 8 a.m. on Tuesday 17<sup>th</sup> April, 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

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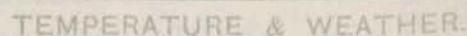
STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Hours of Bright Sun- shine.	TEMP.				
At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Max.	Min.	Rainfall.							
Ins.	°			Ins.	Ins.	°	°	°			°	°	Ins.							
SCANDINAVIA.																				
Haparanda ...	30.00	35	Z	0	c	30.12	+ .08	37	35	+ 1	E	4	0	#	c	#	39	30	—	
Hernösand ...	29.98	37	S	2	b	30.02	— .04	40	39	— 1	NE	2	b	#	b	#	59	32	—	
Stockholm ...	29.94	45	Z	0	b	29.95	— .15	51	47	— 2	Z	0	b	#	b	#	59	43	—	
Wisby ...	29.99	44	S	4	b	29.93	— .18	53	47	+ 3	S	4	b	#	b	#	?	41	—	
Bodo ...	29.99	42	E	1	b	29.92	— .05	46	41	+ 3	ENE	6	0	4	b	#	46	39	0.16	
Christiansund ...	29.77	51	Z	0	c	29.71	— .21	55	48	+ 5	SE	2	c	1	c	#	53	50	—	
Skudesnaes ...	29.63	50	ESE	2	r	29.69	— .11	46	46	— 3	SE	2	b	3	r	#	50	43	?	
Færder (Christiania Fjord)	29.82	50	NNE	4	b	29.77	— .22	48	47	+ 4	ESE	4	r	1	b	#	50	43	—	
Skagen (The Seaw)	29.74	50	SSE	3	b	29.75	— .20	48	45	+ 4	SSE	2	0	0	b	#	52	43	0.04	
Fanø ...	29.67	50	SW	2	c	29.70	— .05	48	46	+ 2	E	2	c	#	Elr.c	#	68	46	0.17	
BRITISH ISLANDS.																				
Sumburgh Head	29.57	44	E	1	m	29.40	— .25	44	44	+ 1	SE	3	0	4	o.m	#	46	42	0.12	
Stornoway ...	29.45	49	E	3	0	29.38	— .13	45	45	— 2	E	3	f	3	o	09	50	43	—	
Wick ...	29.50	44	S	2	f	29.33	— .24	45	44	+ 1	E	1	p	2	f	#	46	42	0.07	
Nairn ...	29.43	45	E	1	m	29.34	— .19	44	44	0	W	1	o	1	m,r	#	51	41	0.25	
Aberdeen ...	29.49	42	E	2	fd	29.31	— .26	47	46	+ 4	WNW	3	c	3	fd,qf	08	49	42	0.26	
Leith ...	29.38	45	NE	2	0	29.34	— .15	45	45	0	S	1	om	#	o	#	53	43	0.14	
Shields ...	29.31	45	NE	3	r	29.37	— .14	48	47	0	SW	2	0	2	r	#	49	43	0.20	
Spurn Head ...	29.25	49	SSW	4	0	29.47	— .01	49	48	+ 3	SSW	3	b	3	f.pg	#	50	43	0.12	
York ...	29.25	50	E	1	0	29.42	— .05	50	47	— 2	SSE	2	b	#	o	#	58	46	0.30	
Loughborough ...	29.30	48	SSW	3	c	29.49	+ .06	46	45	— 4	S	2	aur	#	cp	#	58	42	0.15	
GERMANY & HOLLAND.																				
Ardrossan ...	29.33	54	NE	3	0	29.35	— .07	48	47	+ 1	Z	0	om	0	c,om	#	52	45	0.19	
Malin Head ...	29.33	48	E	3	om	29.37	— .02	47	47	+ 2	N	1	om	0	om,Elr	#	49	44	0.22	
Belmullet ...	29.33	49	NNE	3	op	29.46	+ .12	50	49	+ 3	N	3	0	#	op	#	51	44	0.04	
Donaghadee ...	29.32	50	E	4	c	29.37	— .02	48	47	+ 1	NNW	2	0	1	c	#	54	45	0.04	
Liverpool (Bidston)	29.28	48	WNW	1	r	29.42	+ .04	50	46	— 1	SSW	2	b	2	r	#	56	46	0.18	
Holyhead ...	29.29	49	Z	0	r	29.39	+ .03	47	46	— 2	SW	3	tg	2	rmg	#	52	45	0.66	
Parsonstown ...	29.29	50	Z	0	0	29.42	+ .10	45	45	0	Z	0	or	#	o	0.0	54	44	0.53	
Valencia ...	29.29	52	SSW	2	b	29.44	+ .18	46	45	— 3	Z	0	bem	2	p,b	#	56	37	0.03	
Roche's Point ...	29.23	53	SW	5	b	29.46	+ .14	48	46	+ 1	N	2	bw	4	b	#	55	41	—	
Pembroke (St. Ann's Hd.)	29.33	50	WSW	4	b	29.41	+ .13	49	48	0	Z	0	bw	3	b	#	50	46	—	
FRANCE & BELGIUM.																				
Seilly ...	29.44	53	SW	5	b	29.33	— .02	50	48	0	SE	5	ow	6	b	#	52	47	—	
Prawle Point ...	29.44	49	WSW	5	c	29.44	+ .11	48	47	+ 1	SE	4	c	4	cp	#	52	45	0.04	
Jersey (St. Aubin's)	29.54	54	WSW	5	cp	29.52	+ .03	53	50	+ 1	S	4	b	3	b,pgm	#	58	47	0.14	
Hurst Castle ...	29.50	50	W	4	c	29.54	+ .09	50	48	+ 1	SSW	3	c	3	c	#	55	48	0.18	
Dungeness ...	29.52	52	SSW	4	b	29.54	+ .09	51	49	0	SSW	4	cp	3	b	#	55	48	0.02	
PENIN- SULA.																				
North Foreland	29.51	54	SSW	5	b	29.57	+ .13	53	50	+ 3	S	4	c	3	c,bg	#	57	47	0.04	
London (Belton) ...	29.44	50	S	3	cp	29.52	+ .09	51	48	+ 4	SSE	1	cp*	#	cp,fg	1.6	54	44	0.03	
Oxford ...	29.42	47	S	3	c	29.50	+ .13	48	47	+ 1	SSE	2	c	#	cpq	#	52	43	0.16	
Cambridge ...	29.40	51	SSE	7	c	29.52	+ .10	49	47	— 4	SSE	3	0	#	c	3.5	55	41	0.05	
Yarmouth ...	29.43	53	SW	6	c	29.54	+ .14	50	48	+ 2	SSW	4	b	3	c	#	54	45	0.04	
FRANCE & BELGIUM.																				
Cuxhaven ...	29.65	57	S	1	b	29.70	— .02	52	52	+ 2	SE	1	m	#	b	#	64	50	0.01	
Berlin ...	29.75	63	SSE	1	0	29.74	— .16	57	53	+ 2	Z	0	0	#	0	#	70	50	—	
Wiesbaden ...	#	#	#	#	#	29.71	— .04	51	50	— 5	Z	0	0	#	#	#	63	50	0.16	
Munich ...	29.81	64	Z	0	c	29.74	— .12	49	48	— 4	W	3	0	#	c	#	66	46	0.08	
The Helder ...	29.65	49	S	1	b	29.65	— .00	49	48	— 4	S	1	c	1	b	#	57	45	0.08	
FRANCE & BELGIUM.																				
Brussels (9 a.m.) ...	#	#	#	#	#	29.56	+ .06	49	48	— 3	SSE	2	0	#	b	#	60	46	—	
Cape Gris Nez ...	29.54	53	SSW	5	c	29.57	+ .08	50	48	— 1	SW	4	c	4	c	#	59	48	0.16	
Paris ...	29.68	53	SSE	2	c	29.70	+ .04	48	47	— 3	SW	3	0	#	c	#	62	46	0.04	
Brest ...	?	52	WNW	4	c	?	?	51	49	+ 1	SW	4	c	4	c	#	55	46	0.16	
Lorient ...	29.62	53	WSW	5	b	29.53	— .06	50	47	— 1	SW	5	c	5	b	#	57	45	0.12	
FRANCE & BELGIUM.																				
Rocheport ...	29.87	52	W	5	b	29.87	+ .11	52	49	0	W	4	0	#	b	#	57	46	0.20	
Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Lyons ...	29.80	51	W	1	r	29.85	— .00	49	45	— 7	SSE	1	b	#	t,r	#	62	42	0.79	
Nice ...	29.88	49	E	4	b	29.75	— .27	53	51	+ 1	NE	2	b	2	b	#	54	48	?	
Perpignan ...	29.88	51	Z	0	0	29.89	+ .02	51	49	— 6	W	2	b	#	o	#	69	42	0.20	
Biarritz ...	29.84	57	N	3	b	29.83	— .03	54	49	0	S	2	0	4	b,c,l	#	64	48	0.20	
FRANCE & BELGIUM.																				
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Lisbon ...	30.12	57	SW	3	0	30.06	— .01	56	54	— 2	WSW	3	0	#	0	#	61	54	0.04	
Azores (P. Delgada)	30.28	60	W	2	0	30.30	+ .09	60	59	0	WSW	3	c	2	0	#	64	59	—	

For Explanation of Columns, see bottom of last page. \* In some parts of London showers are actually falling. † Received too late for insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office Westminster.



FOR TUESDAY, 17<sup>TH</sup> APRIL, 1894.





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest (1) 30.1 ins. and more to 29.8 ins. over Finland, the Baltic and Sweden, and (2) 30.0 ins. and more to 29.8 ins. over the Spanish Peninsula and southwest of France.

Lowest 29.4 ins. and less in two depressions - one over Scotland & the N. of Ireland, the other near the Scilly Islands.

Gradients somewhat steep (for S.W. winds) over the northern parts of the Bay of Biscay, slight & very variable elsewhere.

Barometer rising over Ireland, falling over most other districts, but the changes are very fitful and not rapid.

## TEMPERATURE

Highest (1) 56° to 58° in the far south, 51° in London, 50° at Lorient, Scilly, York and Yarmouth; (2) 53° at Misk, 53° at Christiania.

Lowest 37° at Haparanda, 46° at Sumburg Head and Nain, 45° at Parsonstown.

The maxima recorded yesterday ranged from 54° to 58° over England, and 50° to 55° over Ireland, but were 60° at Brussels, 62° at Paris and Lyons, 69° at Perpignan.

## WIND

Extremely variable in direction, and light to calm in force, over Scotland and Ireland, W<sup>4</sup> and S.W.<sup>4</sup> at the French stations, S<sup>4</sup> (moderate) over England, S.E.<sup>4</sup> in Denmark and Norway, E<sup>4</sup> at Misk and Stornoway.

## WEATHER

Very variable; - clear and bright in several parts of Ireland and England, cloudy elsewhere, and showery in many places. The general appearance was very changeable, showery and unsettled.

Rain had fallen at nearly all stations - mainly in the form of sharp passing showers. A threatening appearance in the southwest was reported at Scilly.

## SEA

Rough at Scilly, rather rough at Lorient, moderate to slight on the English coasts.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very changeable showery weather is still probable, with rain at times, hail and thunder in places. A keen cold night is probable over England and Ireland.

## FORECASTS

For the 24 hours ending at NOON on 18<sup>TH</sup> APRIL 1894.

### DISTRICTS.

### FORECASTS.

- 0 SCOTLAND NORTH
- 1 SCOTLAND EAST
- 2 ENGLAND N.E.
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH

Varying light winds, weather very changeable, rain at times.

Varying S<sup>4</sup> (SE to SW) winds, very changeable and showery, thunder in several localities - cold tonight.

### DISTRICTS.

### FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

Extremely variable winds - mainly N<sup>4</sup>, cold, showery, changeable, bright intervals.

### WARNINGS

None Issued.

The South Cone, point downwards, means that gales or strong winds are probable, at first from the Southward (from S. or S.W.) and by S. to N.W. should it appear likely that a gale begins to form between W. and N.W. 6. Many forecasts are made on the North Cone, the North Cone is marked in preference to the South Cone. The North Cone, point upwards, means that gales or strong winds are probable, at first from the Northward (from N.W. round by N. to S.) and by N. to S. should it appear likely that a gale begins to form between E. and S.E. 6. Many forecasts are made on the North Cone, the North Cone is marked in preference to the South Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.		THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.								Dry.	Wet.				
Skudesnaes ...	29.74	49	48	ESE	4	?	3	Valencia ...	29.27	54	52	S	4	bcp	4	5
Sumburgh Head ...	29.62	46	46	ESE	2	0	4	Scilly ...	29.43	55	52	SW	5	bc	4	4
Stornoway ...	29.50	48	45	E	3	0	3	Jersey ...	29.54	56	53	SSW	5	c	6	6
Aberdeen ...	29.52	44	43	ESE	2	f	3	Hurst Castle ...	29.49	53	51	WSW	7	c	6	6
Shields ...	29.42	45	44	ENE	2	a	2	Dungeness ...	29.49	55	50	SW	7	c	6	6
Ardrossan ...	29.36	56	54	NE	2	c	1	North Foreland	29.50	56	50	S	5	op	#	#
Malin Head ...	29.36	47	47	ESE	4	0	2	London (Westminster)	29.38	53	49	S	5	c	4	4
Belmullet ...	29.31	49	48	NNE	3	0	#	Yarmouth ...	29.44	51	49	SSE	5	bc	*	*
Holyhead ...	29.30	51	49	ENE	2	tm	1	Rocheport ...	29.83	56	52	WSW	5			

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over Russia and central Europe, and in some parts of Ireland, France and Sweden, cloudy and changeable over the United Kingdom, with rain over the major part of England and at Parsonstown. Rain at times, later, over almost all parts of our Islands and northwestern Europe (0.66 ins. at Holyhead) thunder and lightning at Faro, Lyons and Sicily, squally and unsettled over the Channel and south of England.

Temperature inclined to fall over the United Kingdom and neighbourhood, but changing fitfully in some localities. Morning readings highest 66 at Algiers, 64 at Trieste, 62 at Aron, and exceeding 50° over central, southern and western Europe generally, 53° at Stockholm, 50° at Christiansand. Lowest 32° to 37° over Russia, 36° at Haparanda. Rising later to between 50° and 58° over the British Islands, to 62° at Paris, and 69° at Perpignan. Exceeding night rather cold over Great Britain.

Wind W<sup>1</sup> and SW<sup>1</sup>, moderate to fresh over Spain and France and strong over the English Channel, S<sup>2</sup> over the Netherlands and east of England, SE<sup>1</sup> over Germany and the Baltic, and E<sup>1</sup> on the coast of Norway and over the north of Ireland; anticyclonic air over central Russia. A moderate gale from SW. and W. felt over the Channel later and E<sup>1</sup> to N<sup>1</sup> wind becoming general over Scotland and Ireland.

Barometer Highest (1) 30.4 ins. and more to 30.0 ins. over Russia; (2) 30.1 ins. and more to 30 ins. over the southern half of Spain. Lowest, below 29.3 ins. in two small depressions — one at the mouth of the Bristol Channel, the other off the southwest of Ireland. Gradients moderate, but pressure distribution becoming very complex over the United Kingdom generally.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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# DAILY WEATHER REPORT

for 8 a.m. on

Wednesday, 18 April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

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STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.								
	Barom.	Temp.	Wind.		Weather.		Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Temp.			Rainfall.					
			At 32° and M.S.L.	Dry Bulb.			Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Dirac.	Force (0 to 12.)	Max.		Min.	Ina.			
Ins.	°				Ins.	Ins.	°	°	°						°	°	Ina.								
SCANDINAVIA.	Haparanda ...	30.23	33	E	4	0	30.31	+1.9	2.9	?	-8	E	4	0	#	0	#	44	32	-					
	Hernösand ...	30.08	35	NE	4	0	30.08	+0.6	4.0	38	0	NE	4	0	#	0	#	43	32	-					
	Stockholm ...	29.98	44	2	0	0	29.99	+0.4	5.1	46	0	E	2	0	#	0	#	64	39	-					
	Wishby ...	29.94	48	S	4	0	29.94	+0.1	5.9	51	+6	SE	4	0	#	0	#	66	41	-					
	Bodo ...	29.96	42	ENE	6	0	30.00	+0.8	4.3	39	-3	E	5	0	#	0	#	48	39	-					
	Christiansund ...	29.84	49	ESE	1	0	29.76	+0.5	5.1	48	-4	E	2	0	#	0	#	59	46	-					
	Skudesnaes ...	29.74	51	ESE	1	0	29.70	+0.1	4.5	44	-1	? NW	2	0	#	0	#	57	43	-					
	Færder (Christiania Fjord)	29.77	50	NE	4	0	29.77	0.0	4.8	46	0	NE	4	0	#	0	#	50	46	0.08					
	Skagen (The Scaw)														#										
	Faro ...	29.63	52	2	0	0	29.74	+0.4	4.7	46	-1	SW	4	0	#	0	#	64	45	0.71					
BRITISH ISLANDS.	Sunburgh Head	29.44	45	SE	4	0	29.63	+0.23	4.5	44	+1	SW	1	0	#	0	#	46	42	-					
	Stornoway ...	29.46	47	NW	4	0	29.72	+0.34	4.7	45	+2	NW	4	0	#	0	#	49	43	-					
	Wick ...	29.50	46	W	2	0	29.69	+0.36	4.8	47	+3	NW	3	0	#	0	#	49	43	0.15					
	Nairn ...	29.46	51	W	1	0	29.71	+0.37	4.6	45	+2	W	2	0	#	0	#	52	42	0.10					
	Aberdeen ...	29.50	47	SSE	2	0	29.70	+0.39	4.9	46	0	NW	2	0	#	0	#	52	42	0.07					
	Leith ...	29.46	48	SW	1	0	29.70	+0.36	4.6	46	+1	NW	2	0	#	0	#	53	44	0.31					
	Shields ...	29.48	50	E	2	0	29.68	+0.31	4.9	45	-1	2	0	#	0	#	57	39	0.01						
	Spurn Head ...	29.52	48	SE	3	0	29.66	+0.19	5.0	49	+1	NW	1	0	#	0	#	54	43	0.01					
	York ...	29.49	57	S	1	0	29.67	+0.25	4.7	45	-3	N	1	0	#	0	#	61	41	-					
	Loughborough ...	29.51	57	SE	2	0	29.68	+0.19	4.0	40	-6	WNW	1	0	#	0	#	61	31	-					
GERMANY & HOLLAND.	Ardrossan ...	29.47	51	W	1	0	29.72	+0.37	4.9	47	+1	N	1	0	#	0	#	55	44	0.02					
	Malin Head ...	29.52	48	NW	3	0	29.78	+0.41	4.8	45	+1	NW	4	0	#	0	#	51	46	-					
	Belmullet ...	29.65	50	NW	3	0	29.91	+0.45	5.0	46	0	NW	2	0	#	0	#	51	45	0.02					
	Donaghadee ...	29.52	49	NW	3	0	29.75	+0.38	4.9	46	-1	NW	6	0	#	0	#	50	46	0.02					
	Liverpool (Bidston)	29.51	49	NW	1	0	29.70	+0.28	4.6	46	-4	W	2	0	#	0	#	56	44	0.04					
	Holyhead ...	29.52	50	W	1	0	29.71	+0.82	4.9	46	0	NW	5	0	#	0	#	55	45	0.03					
	Parsonstown ...	29.56	47	2	0	0	29.85	+0.43	4.9	44	+2	NW	1	0	#	0	#	54	41	0.10					
	Valencia ...	29.64	51	NW	6	0	29.93	+0.49	4.9	47	+3	NW	5	0	#	0	#	54	46	0.07					
	Roche's Point ...	29.56	52	N	4	0	29.85	+0.39	5.0	47	+2	NW	4	0	#	0	#	55	46	0.01					
	Pembroke (St. Ann's Hd.)	29.53	50	N	4	0	29.67	+0.26	4.9	47	0	N	3	0	#	0	#	54	44	-					
FRANCE & BELGIUM.	Seilly ...	29.47	49	NE	5	0	29.72	+0.39	5.0	48	0	NW	5	0	#	0	#	55	46	0.08					
	Prawle Point ...	29.43	49	E	4	0	29.64	+0.20	5.3	48	+5	N	3	0	#	0	#	53	43	0.12					
	Jersey (St. Aubin's)	29.42	52	SE	5	0	29.59	+0.07	5.2	49	-1	N	4	0	#	0	#	56	48	0.11					
	Hurst Castle ...	29.50	53	SE	2	0	29.59	+0.05	5.0	46	0	NE	2	0	#	0	#	55	46	0.13					
	Dungeness ...	29.54	51	SSE	2	0	29.63	+0.09	5.2	50	+1	S	2	0	#	0	#	56	48	-					
	North Foreland	29.55	50	S	2	0	29.65	+0.08	5.3	50	0	SSE	1	0	#	0	#	55	47	-					
	London (Brixton) ...	29.53	54	S	1	0	29.65	+0.13	5.1	48	0	E	1	0	#	0	#	54	45	0.02					
	Oxford ...	29.54	45	E	1	0	29.66	+0.16	4.8	46	0	NE	1	0	#	0	#	55	38	0.10					
	Cambridge ...	29.53	51	S	1	0	29.68	+0.16	4.6	45	-3	SSE	1	0	#	0	#	57	35	0.09					
	Yarmouth ...	29.56	49	SE	4	0	29.67	+0.13	4.8	47	-2	E	2	0	#	0	#	52	45	-					
PENINSULA.	Cuxhaven ...	29.61	50	NE	1	0	29.77	+0.07	4.6	45	-6	SSE	2	0	#	0	#	57	45	0.55					
	Berlin ...	29.71	62	SW	1	0	29.83	+0.09	5.1	51	-6	WNW	1	0	#	0	#	52	52	0.04					
	Wiesbaden ...						29.80	+0.09	4.5	43	-6	S	1	0	#	0	#	59	41	0.16					
	Munich ...	29.82	46	SW	2	0	29.83	+0.09	4.7	46	-2	E	4	0	#	0	#	54	43	0.24					
	The Helder ...	29.67	50	SSE	1	0	29.76	+0.11	4.9	48	0	S	1	0	#	0	#	54	41	0.20					
	Brussels (9 a.m.) ...													#											
	Cape Gris Nez ...	29.56	55	ESE	1	0	29.61	+0.04	5.2	48	+2	SSE	2	0	#	0	#	57	48	-					
	Paris ...	29.63	52	SSE	2	0	29.66	+0.04	4.9	46	+1	SSE	3	0	#	0	#	62	45	-					
	Brest ...		52	N	4	0			4.9	46	-2	N	6	0	#	0	#	57	45	0.63					
	Lorient ...	29.35	50	SW	5	0	29.59	+0.06	5.0	47	0	NW	5	0	#	0	#	57	46	0.08					
GERMANY & HOLLAND.	Rocheport ...	29.65	54	NW	6	0	29.63	-0.24	5.0	48	-2	W	6	0	#	0	#	57	46	0.28					
	Belfort ...													#											
	Lyons ...	29.75	55	SW	1	0	29.79	-0.06	4.9	46	0	SSE	2	0	#	0	#	65	43	0.04					
	Nice ...	29.78	53	SE	3	0	29.82	+0.07	4.7	47	-6	E	2	0	#	0	#	63	46	0.04					
	Perpignan ...	29.80	56	SW	2	0	29.85	-0.04	5.3	48	+2	W	2	0	#	0	#	64	45	-					
	Biarritz ...	29.81	55	SW	2	0	29.88	0.00	5.2	51	-2	W	7	0	#	0	#	63	46	0.39					
	Corunna ...													#											
	Lisbon ...	30.08	55	NW	4	0	30.13	+0.07	5.4	50	-2	NW	4	0	#	0	#	63	52	-					
	Azores (P. Delgada)	30.34	59	WNW	1	0	30.33	+0.03	6.1	59	+1	WNW	3	0	#	0	#	63	59	-					

In the showers yesterday about 0.01 in. fell at Bridon, 0.20 in. on Wandsworth Common, and more than 0.30 in. in Battersea Park.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR WEDNESDAY, 18<sup>th</sup> APRIL, 1894.

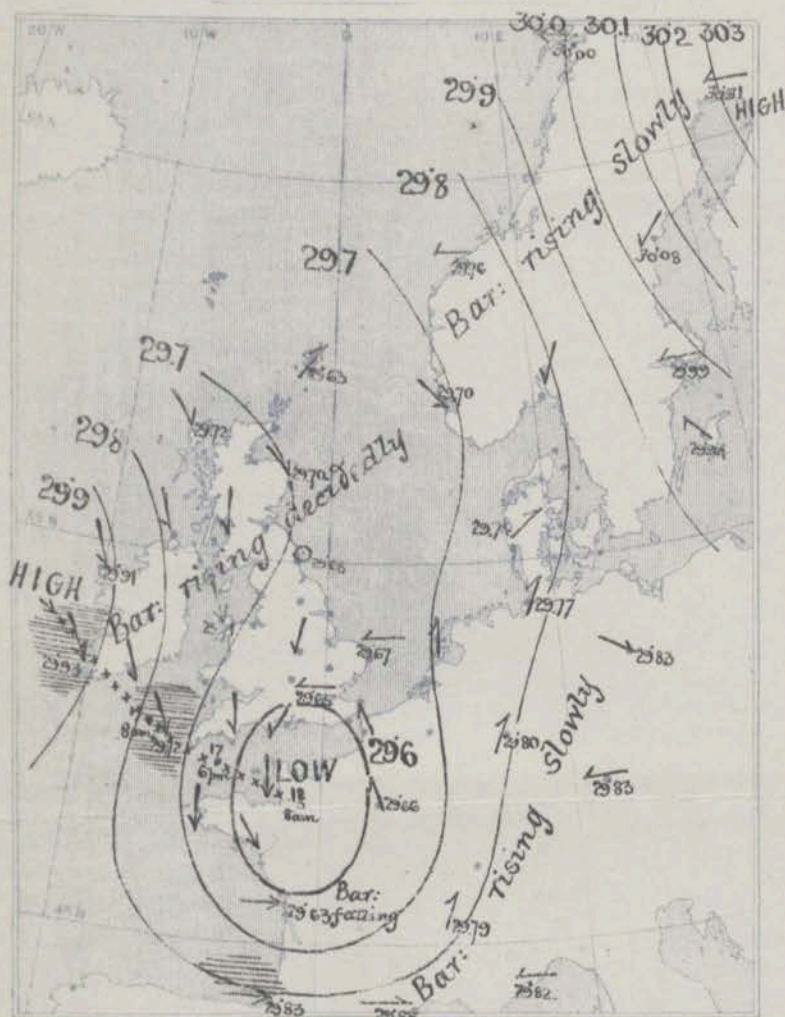
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉  
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough ■ : High ■



## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871-90). (Inches.)	TEMPERATURE. (20 years 1871-90).				RAINFALL. (25 years 1866-90). (Inches.)	BRIGHT SUNSHINE (10 years 1881-90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Percent of possible.
Stranmillis Head	29.840	41.7	40.2	46.0	36.7	2.07	—	—
Stormway	29.824	43.8	42.3	48.9	37.2	2.65	152.3	30
Wick	29.848	43.1	41.2	48.9	36.9	1.68	—	—
Nairn	29.848	42.7	40.4	50.9	37.3	1.26	—	—
Aberdeen	29.858	43.2	40.7	49.3	38.0	2.16	143.0	34
Leith	29.863	44.1	41.7	52.0	37.9	1.57	—	—
Shields	29.866	43.5	41.4	49.0	38.6	1.80	—	—
Spurn Head	29.863	44.0	42.3	48.4	40.3	1.45	—	—
York	29.875	43.8	41.6	53.5	37.7	1.75	128.6	—
Loughborough	29.879	44.1	42.1	55.4	38.1	1.78	—	—
Andover	29.887	44.4	42.1	51.5	39.5	2.14	—	—
Bombardier	29.890	44.6	42.9	51.0	40.0	1.32	—	—
Holyhead	29.897	43.8	43.8	51.4	42.0	1.99	—	—
Liverpool	29.897	45.0	42.1	52.6	40.4	1.55	—	—
Blackburn	29.894	45.0	42.5	54.6	38.0	2.04	159.9	30
Valencia	29.894	48.2	45.6	53.0	42.8	3.83	169.5	41
Barrow-in-Strathairn	29.891	40.8	44.5	53.7	42.1	3.24	—	—
Pembroke	29.892	43.2	43.4	50.4	41.6	1.94	182.9	44
Scilly	29.895	48.0	46.0	52.1	44.7	2.27	—	—
Pointe-à-Pierre	29.896	40.2	44.6	51.0	40.7	2.07	—	—
Jersey	29.892	48.5	45.0	54.2	43.5	2.08	187.6	40
Hull	29.892	45.5	44.2	52.1	41.0	1.83	—	—
Green	29.894	46.3	44.0	51.1	41.5	1.77	—	—
OXFORD	29.894	46.1	45.2	56.0	39.7	1.84	124.3	30
Oxford	29.894	44.4	42.1	54.0	38.9	1.78	141.2	36
Cambridge	29.894	45.2	43.0	55.8	37.9	1.69	147.8	—
Yarmouth	29.894	44.7	43.0	49.1	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, (1) 30.3 in. and more to 30.0 in. over Iceland and the north of Sweden; (2) 29.9 in. and more over the west of Ireland, and still higher over the Atlantic.

Lowest, about 29.6 in.: rather less (1) a little to the northward of the Shetlands, and (2) in a depression over the north of France.

Gradients moderate, and becoming favourable for N<sup>W</sup> winds over our Islands and the western parts of France.

Barometer rising very generally—most in the west and north-west.

## TEMPERATURE

Highest, 59° at Wisby, 54° at Lisbon, 51° at Stockholm, Christiania, and Berlin, 50° to 53° on the shores of the English Channel and in London, 50° at Edinburgh.

Lowest, 29° at Haparanda, 40° at Loughborough.

It went down to 36° in the shade at Oxford, 35° at Cambridge, and 34° at Loughborough during the night. The daily maxima are high at the Swedish and Danish stations.

## WIND

Light or moderate in force generally—N<sup>W</sup> on all the northwestern and western coasts of our Islands and France, very variable over England, S<sup>W</sup> over the North Sea, and E<sup>W</sup> over Scandinavia.

The N<sup>W</sup> wind has spread gradually over these Islands from the Atlantic.

## WEATHER

Fair over Scandinavia, the Hebrides, and Ireland, cloudy or hazy, and somewhat unsettled elsewhere; rain is falling at several stations in Great Britain and France. A Solar Halo prevailed at Oxford.

Rain fell pretty generally yesterday; hail and thunder occurred in places. Bright Aurora was seen at Wick last night.

## SEA

Moderate or rather rough at the northernmost and western stations, slight to very smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The two depressions noticed yesterday are passing away, and northerly winds are becoming general with drier colder weather.

## FORECASTS

For the 24 hours ending at NOON on 19<sup>th</sup> APRIL 1894.

### DISTRICTS.

### FORECASTS.

1 SCOTLAND  
NORTH

2 SCOTLAND  
EAST

3 ENGLAND  
N.E.

4 ENGLAND  
EAST

5 MIDLAND  
COUNTIES

6 ENGLAND  
SOUTH

NW<sup>W</sup> and N<sup>W</sup> winds, weather clearing,  
rather cold tonight.

Same as No 5.

Varying airs, hazy and rather  
unsettled, then N<sup>W</sup> breezes, colder  
but fair.

### DISTRICTS.

### FORECASTS.

6 SCOTLAND  
WEST

7 ENGLAND  
N.W.

8 ENGLAND  
S.W.

9 IRELAND  
NORTH

10 IRELAND  
SOUTH

N<sup>W</sup> breezes, moderate to light;  
weather clearing up.

### WARNINGS

None issued.

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.73	50	50	SE	4	bc	3	Valencia ...	29.56	52	51	rw	2	om	3
Sumburgh Head ...	29.40	46	46	SE	4	o	5	Scilly ...	29.40	48	46	NE	5	r	6
Stornoway ...	29.40	49	48	rw	3	o	3	Jersey ...	29.46	56	51	SSE	4	bc	3
Aberdeen ...	29.44	49	46	SSE	3	c	3	Hurst Castle ...	29.49	55	51	SSE	2	bc	3
Shields ...	29.44	54	48	SW	3	c	2	Dungeness ...	29.54	55	50	WSW	3	bc	3
Ardrossan ...	29.44	54	51	W	1	c	1	North Foreland	29.54	55	52	S	4	b*	3
Malin Head ...	29.46	51	50	rw	2	o	1	London (Westminster)	29.51	55	49	S	3	c	3
Belmullet ...	29.57	49	46	rw	3	o	#	Yarmouth ...	29.55	52	50	SSW	4	bc	3
Holyhead ...	29.47	54	50	SW	2	c	1	Rochefort ...	29.71	54	50	WSW	6	o	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over southeastern and many parts of Central Europe, dull in the west and north, unsettled over the United Kingdom and neighbourhood, with showers in several places. Rain falling later—in form of showers—in almost all parts of the British Islands and France—hail in some places; thunder, lightning and hails locally, brilliant Aurora at night.

Temperatures changing little and irregularly. Morning readings highest 60° to 64° at several stations on the southern side of the Mediterranean, exceeding 50° in many parts of eastern and central Europe, in the south of Sweden and at Christiansand. Lowest (1) 33° at Archangel, 34° at Haparanda; (2) 35° to 40° over the south of Russia; (3) 44° at Sumburgh Head and Naum. Exceeding 60° lakes near Denmark, the south of Sweden, the north of England and many parts of France.

Wind (1) S<sup>1</sup> to SE<sup>1</sup> over Russia, the Baltic and Scandinavia, E<sup>1</sup> in the north of Scotland; (2) N<sup>1</sup> in Ireland, SW<sup>1</sup> over Spain and the west of France, S<sup>1</sup> over the Channel and England; variable elsewhere. Light or moderate in force generally, but fresh at the mouth of the English Channel. N<sup>1</sup> wind freshening later and becoming more general over our western districts. S<sup>1</sup> wind backing to SE. or E. over England.

Barometer highest (1) 30.3 in. and more to 30.0 in. over Russia, Finland and the Gulf of Bothnia; (2) 30.1 in. and more to 30.0 in. over Algeria and the southern half of the Iberian Peninsula. Lowest (1) below 29.4 in. in two depressions, one over Scotland, the other at the mouth of the English Channel; (2) below 29.8 in. in a third over the northeastern corner of the Mediterranean. The Scotch depression moving northwards later, and that near Sicily moving southwards. Barometer beginning to rise over the United Kingdom generally.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale in b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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# DAILY WEATHER REPORT

for 8 a.m. on

Thursday, 19<sup>th</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.		Weather		BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			Rainfall.
							At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)					Max.	Min.		
			Inch.	°																Inch.	
SCANDINAVIA.	Haparanda ...	30.33	29	NE	4	b	30.39	+0.08	26	24	-3	E	4	bc	#	6	#	34	24	-	
	Hernösand ...	30.16	34	NE	4	o	30.20	+0.12	34	33	-6	NE	4	o	#	0	#	43	32	-	
	Stockholm ...	30.01	47	E	2	c	30.03	+0.04	42	41	-9	NE	1	c	#	0	#	64	37	-	
	Wisby ...	29.95	50	SE	4	r	29.96	+0.02	59	55	0	S	2	c	#	7	#	68	41	-	
	Bodo ...	30.02	43	EHE	6	b	30.09	+0.09	40	35	-3	EHE	6	b	3	6	#	45	37	-	
	Christiansund ...	29.84	51	W	4	o	30.02	+0.26	49	47	-2	Z	0	f	0	#	61	44	12.		
	Skudesnaes ...	29.93	46	Z	0	o	30.04	+0.34	45	44	0	W	1	o	2	#	47	43	?		
	Færder (Christiania Fjord)	29.91	46	SSE	1	c	30.01	+0.24	45	?	-3	Z	0	c	1	#	50	43	-		
	Skagen (The Scaw)	29.90	44	N	1	b	29.96	+0.25	41	41	-7	NW	1	f	0	#	52	39	-		
	Faro ...	29.89	47	N	1	b	29.96	+0.22	43	43	-4	N	1	m	#	6	#	63	41	-	
	Sumburgh Head	29.76	47	NW	2	o	30.05	+0.42	46	43	+1	NW	2	b	3	#	50	41	0.06		
	Stornoway ...	29.92	50	NW	3	bc	30.05	+0.33	45	44	-2	W	2	c	3	#	101	63	20	0.02	
	Wick ...	29.85	43	NW	4	bc	30.07	+0.38	45	43	-8	N	2	bc	1	#	50	33	-	0.01	
	Nairn ...	29.90	48	NW	1	bc	30.09	+0.38	45	43	-1	NW	1	bc	1	#	52	34	-	0.02	
	Aberdeen ...	29.92	48	NW	3	bc	30.12	+0.42	47	43	0	NW	2	bc	1	#	p. bc	2.2	52	36	0.02
	Leith ...	29.91	48	SE	2	c	30.14	+0.44	45	44	-1	NW	1	om	#	c	#	49	36	-	0.42
	Shields ...	29.87	44	N	3	f	30.10	+0.42	45	43	-2	N	2	b	2	#	omf	#	51	39	-
	Spurn Head ...	29.82	48	NHE	1	bcw	30.04	+0.38	45	44	-8	NHE	3	o	3	#	t. bc, f	#	53	41	-
	York ...	29.88	58	NE	1	o	30.10	+0.43	47	45	0	N	2	o	#	#	#	58	43	-	
	Loughborough ...	29.82	52	NHE	2	o	30.06	+0.38	45	43	+5	NHE	3	ogm	#	o	#	63	40	-	
	Androssan ...	29.90	54	N	1	cp	30.12	+0.40	50	47	+1	Z	0	bcm	0	#	rep. cp	#	54	43	0.18
	Malin Head ...	30.00	48	NW	4	b	30.13	+0.35	46	44	-2	SW	1	b	2	#	b	#	50	43	-
	Belmullet ...	30.07	46	NW	4	bc	30.15	+0.44	48	44	-2	SW	2	c	#	#	bc	#	58	42	-
	Donaghadee ...	29.95	49	NW	6	b	30.15	+0.40	49	47	+2	NW	3	bc	1	#	b	#	53	45	-
	Liverpool (Bidston)	29.86	50	NW	3	o	30.11	+0.41	48	45	+2	NHE	1	o	0	#	o	#	52	45	0.02
	Holyhead ...	29.90	45	NW	7	cgm	30.11	+0.40	48	46	+1	NHE	2	c	1	#	cm, cgm	#	50	45	-
	Parsonstown ...	30.00	51	N	2	bc	30.17	+0.32	45	43	-2	NW	1	b	#	#	bc	#	55	36	0.02
	Valencia ...	30.09	51	NW	5	cg	30.19	+0.26	49	45	0	NW	1	c	2	#	bc, cg	#	53	45	-
	Roche's Point ...	29.97	55	N	4	b	30.18	+0.33	48	45	-2	N	1	b	2	#	q. b	#	56	44	-
	Pembroke (St. Ann's Hd.)	29.85	51	N	4	b	30.08	+0.41	48	47	-1	NHE	4	o	3	#	b	#	52	45	-
	Seilly ...	29.95	52	NW	4	c	30.10	+0.38	49	46	-1	NW	5	c	4	#	cp, c	#	55	47	-
	Prawle Point ...	29.82	53	NE	3	o	30.01	+0.37	47	45	-6	NHE	3	c	2	#	rep. o	#	60	43	0.06
	Jersey (St. Aubin's)	29.77	54	NW	4	bc	29.97	+0.38	52	50	0	NW	4	cm	3	#	bc, f	#	56	49	-
	Hurst Castle ...	29.74	53	EHE	1	c	29.95	+0.39	48	48	-1	NHE	4	om	3	#	rep. c	#	59	45	0.20
	Dungeness ...	29.75	53	E	2	bc	29.92	+0.20	51	49	-1	NE	4	op	3	#	c, bc	#	57	42	-
	North Foreland	29.77	52	EHE	2	c	29.96	+0.31	49	48	-4	NHE	5	r	4	#	bc, t. c	#	54	47	0.07
	London (Brixton) ...	29.78	54	NE	2	c	29.99	+0.34	46	45	-5	NHE	3	ogm	#	#	t. b, o	#	63	44	0.02
	Oxford ...	29.85	49	N	2	r	30.05	+0.39	45	44	-3	N	2	o	#	#	c, t, p	#	62	44	0.03
	Cambridge ...	29.79	49	W	1	c	30.04	+0.36	44	44	-2	NW	5	o	#	#	t. c	#	60	40	0.34
	Yarmouth ...	29.78	50	EHE	2	b	29.98	+0.31	44	44	-4	N	4	f	4	#	b	#	52	43	0.22
	Cuxhaven ...	29.84	53	N	1	b	29.96	+0.19	52	50	+6	E	1	b	#	#	b	#	55	46	-
	Berlin ...	29.89	52	NHE	2	bc	29.88	+0.05	49	48	-2	NW	2	o	#	#	bc	#	51	46	0.12
	Wiesbaden ...	29.86	51	W	6	r	29.86	+0.06	51	50	+6	NW	1	o	#	#	#	#	50	45	0.04
	Munich ...	29.81	49	W	6	r	29.85	+0.02	49	47	+2	W	3	c	#	#	r	#	51	43	0.08
	The Helder ...	29.89	52	NE	2	bc	29.99	+0.23	50	48	+1	N	1	r	1	#	bc	#	55	48	0.12
	Brussels (9 a.m.) ...	29.90	50	SE	1	c	29.90	+0.25	50	48	-2	NHE	2	o	1	#	c	#	68	47	0.35
	Cape Gris Nez ...	29.74	52	SE	1	b	29.86	+0.21	50	48	+1	NE	1	c	#	#	t.	#	59	48	0.20
	Paris ...	29.73	53	SE	2	c	29.84	+0.21	50	48	+1	NE	1	c	#	#	e	#	61	44	0.08
	Brest ...	29.81	50	N	5	c	?	?	49	47	0	N	5	c	3	#	c	#	55	46	-
	Lorient ...	29.81	55	NW	5	bc	30.00	+0.41	50	48	0	NW	5	c	4	#	bc	#	57	45	0.83
	Rochefort ...	29.87	52	NW	6	bc	29.99	+0.36	52	50	+2	N	4	c	#	#	c, bc	#	57	41	0.12
	Belfort ...	29.87	52	NW	6	bc	29.99	+0.36	52	50	+2	N	4	c	#	#	#	#	57	41	0.12
	Lyons ...	29.79	53	SSW	2	c	29.94	+0.15	49	44	0	SSW	1	o	#	#	c	#	60	46	0.08
	Nice ...	29.84	46	E	2	r	29.87	+0.05	47	46	0	E	1	b	5	#	r	#	57	43	0.83
	Perpignan ...	29.93	48	S	2	r	30.03	+0.18	54	49	+1	W	3	b	#	#	r	#	61	45	0.43
	Barritz ...	29.94	53	W	7	r	30.03	+0.20	52	49	0	W	6	r	5	#	r	#	57	46	0.24
	Corunna ...	30.19	52	N	4	b	30.19	+0.06	53	48	-1	N	5	b	#	#	b	#	59	50	-
	Lisboa ...	30.36	60	Z	0	c	30.33	-0.00	62	60	+1	Z	0	bc	1	#	c	#	66	57	-
	Azores (P. Delgada)	30.36	60	Z	0	c	30.33	-0.00	62	60	+1	Z	0	bc	1	#	c	#	66	57	-
	Peninsula	30.36	60	Z	0	c	30.33	-0.00	62	60	+1	Z	0	bc	1	#	c	#	66	57	-

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR THURSDAY, 19<sup>TH</sup> APRIL, 1894.

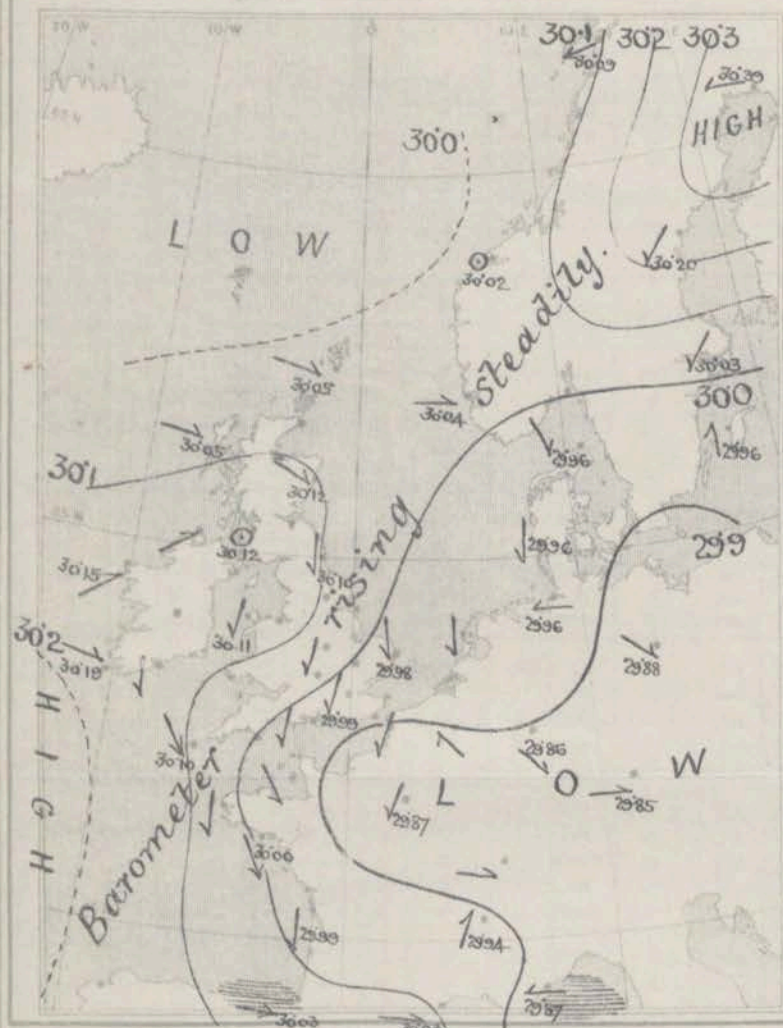
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ○  
Force 8 to 10 → : Force 1 to 4 →

SEA—Rough ≡ : High ≡

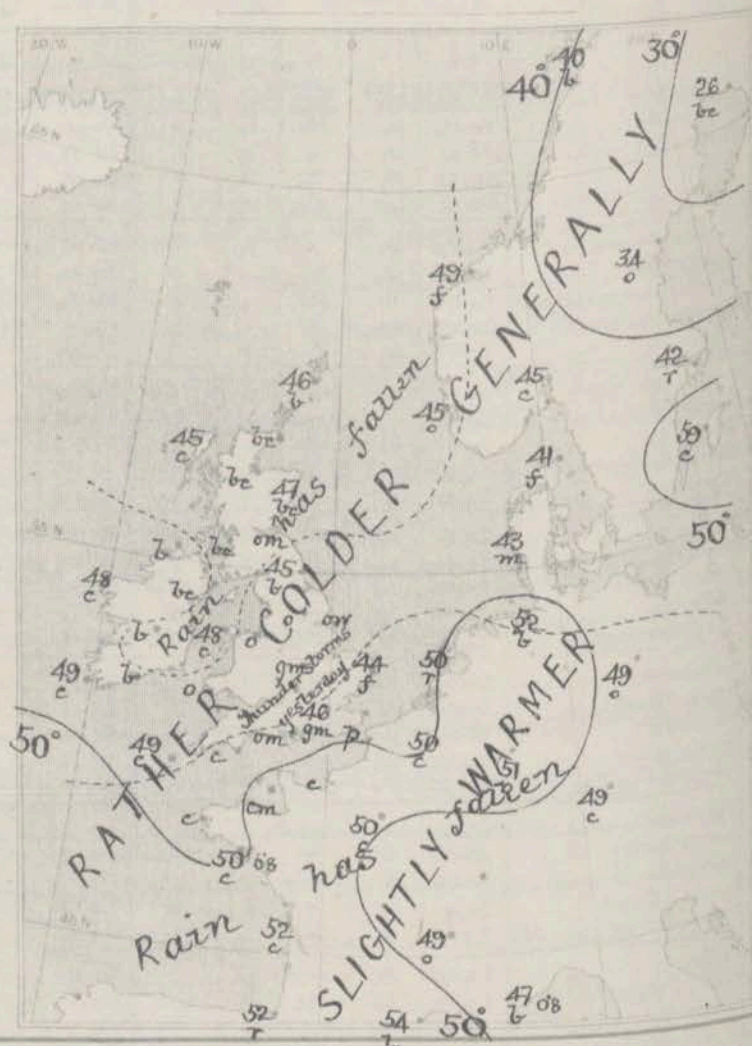


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (29 years 1871-90). (Inches.)	TEMPERATURE. (20 years 1871-90).				RAINFALL. (25 years 1866-90). (Inches.)	BRIGHT SUNSHINE (10 years 1881-90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Samlargh Head	29.840	41.7	40.2	46.0	36.7	2.07	—	—
Stormway	29.824	43.8	42.3	48.9	37.2	2.05	132.3	30
Wick	29.848	43.1	41.2	48.9	36.9	1.98	—	—
Nairn	29.848	42.7	40.4	46.9	37.3	1.26	—	—
Aberdeen	29.858	43.2	40.7	49.3	38.0	2.16	143.0	34
Leith	29.863	44.1	41.7	52.0	37.9	1.57	—	—
Shields	29.866	43.5	41.4	49.0	38.6	1.80	—	—
Spurn Head	29.803	44.0	42.3	48.4	40.3	1.45	—	—
York	29.875	43.8	41.6	53.5	37.7	1.75	128.0	31
Loughborough	29.873	44.4	42.1	53.1	38.1	1.78	—	—
Androsson	29.857	44.4	42.1	51.5	39.5	2.14	—	—
Dover/Inver	29.859	44.6	42.9	51.0	40.0	1.92	—	—
Holyhead	29.857	43.8	41.8	51.4	42.0	1.90	—	—
Liverpool	29.867	45.0	42.1	52.6	40.4	1.55	—	—
Pasadenaborn	29.864	45.0	42.5	54.6	38.0	2.04	150.9	30
Valencia	29.854	48.2	45.6	53.0	42.8	2.83	169.5	41
Rock's Point	29.851	46.8	41.5	53.7	42.1	3.24	—	—
Pembroke	29.852	45.2	43.4	50.4	41.0	1.94	182.9	44
Sally	29.850	48.0	46.0	52.1	44.7	2.25	—	—
Pointe Point	29.856	46.2	44.6	51.9	40.7	2.07	—	—
Jersey	29.872	48.5	45.9	54.2	43.5	2.08	187.6	46
Harris Castle	29.871	45.5	44.2	52.1	41.0	1.83	—	—
Dover	29.864	46.3	44.0	51.1	41.5	1.77	—	—
LONDON	29.878	46.1	43.2	50.0	39.7	1.84	124.3	31
Oxford	29.884	44.4	42.1	54.0	38.9	1.78	141.2	36
Cambridge	29.880	45.2	43.0	55.8	37.3	1.69	147.8	—
Yarmouth	29.872	44.7	43.0	49.1	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.2 in. and more to 30.1 in. over Northern Europe, and 30.2 in. and more to 30.1 in. in another system over the Atlantic.

These two systems are united by a 'col' stretching from Scotland to Norway and in which pressure exceeds 30.0 in.

Lowest, 29.9 in. and less, over Germany and the east and south of France.

Gradients slight to moderate and favourable for N. winds over England. Barometer rising generally.

## TEMPERATURE

Highest, 59° at Wexby, 58° to 50° on the Spanish and French coasts, 49° to 44° over our Islands and the Danish and Norwegian coasts.

Lowest, 26° at Haparanda, 34° at Helsingfors, 40° at Bodo.

The highest of the maxima recorded yesterday, were 54° to 56° in Ireland, 58° at York, 63° at Loughborough, in London, and at Brussels, 67° at Paris, 68° at Wexby.

## WIND

Moderate from N. at the English and Welsh stations and over the Channel; moderate to strong from NW. over the Bay of Biscay, light NW. to W. over Germany and the east of France, S. at Wexby, NE. in the north of Sweden. Over Scotland and Ireland calms and variable airs prevail.

## WEATHER

Fine at our northern and western stations, dull and gloomy in the east and south, with slight rain over our southeastern coasts. Thunder and lightning have occurred at most of our eastern and southern stations, and at C. Finlay. Rain fell yesterday in the north, east, and south; at Lorient and Nice the fall was heavy.

## SEA

Rather rough at Biscaya and also at Nice, moderate at the mouth of the Channel, and also at the mouth of the Rhone, slight or smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression noticed over France yesterday has not yet quite dispersed, and the cloudy, damp weather continues on the coasts of Kent and Sussex. In the north and west, however, the weather is fine and this condition is spreading southwards slowly.

## FORECASTS

For the 24 hours ending at NOON on 20<sup>th</sup> April,

1894.

### DISTRICTS.

### FORECASTS.

0 SCOTLAND

NORTH

1 SCOTLAND

EAST

2 ENGLAND

N.E.

3 ENGLAND

EAST

4 MIDLAND

COUNTIES

5 ENGLAND

SOUTH

} Light and Variable breezes; fine generally, hazy at times.

N<sup>th</sup> winds, light; fine generally.

Same as N<sup>o</sup> 5.

Same as N<sup>o</sup> 2

N<sup>th</sup> breezes, moderate, dull to fair, cold tonight.

### DISTRICTS.

### FORECASTS.

6 SCOTLAND

WEST

7 ENGLAND

N.W.

8 ENGLAND

S.W.

9 IRELAND

NORTH

10 IRELAND

SOUTH

### WARNINGS

Same as N<sup>o</sup> 0 and 1.

} N<sup>th</sup> breezes, light; fine.

} SW<sup>th</sup> and Varying airs and Calms; fine, hazy at times.

NONE ISSUED.

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to S.W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards S. or S.E., the North Cone is indicated in preference to the South Cone.  
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from S.W. round by N. to N.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is indicated in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.82	47	46	NW	1	f	2	Valencia ...	30.03	53	51	NW	5	bcq	5
Sumburgh Head ...	29.71	47	46	NW	2	o	3	Scilly ...	29.86	51	49	NW	5	bc	3
Stornoway ...	29.86	53	49	NW	4	c	4	Jersey ...	29.71	55	51	N	0	nil	1
Aberdeen ...	29.89	49	46	NW	3	c	3	Hurst Castle ...	29.71	53	51	N	2	c	1
Shields ...	29.78	48	46	NW	2	om	2	Dungeness ...	29.69	56	52	E	2	bc	2
Ardrossan ...	29.83	53	50	N	1	bc	1	North Foreland	29.72	54	52	E	2	c	#
Malin Head ...	29.93	50	47	NW	4	b	2	London (Westminster)	29.70	60	60	NW	2	b	2
Belmullet ...	30.02	52	49	NW	4	bc	#	Yarmouth ...	29.74	52	50	ENE	2	c	#
Holyhead ...	29.84	49	49	N	6	cm	4	Rocheport ...	29.87	55	52	NW	6	c	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over Russia, southeastern, and many parts of Central Europe, also over Ireland and the west of Scotland; changeable and unsettled over the north of Spain, the west of France, England generally, and the southwest of Norway, with some rain in several places. Rain later over Great Britain, France, and the eastern shores of the North Sea (amounts large at Nice and Lorient), thunder and lightning reported in the east and south of England and the northeast of France. Sky clearing later over England.

Temperatures very irregularly distributed. Morning readings exceeding 60° on the Algerian coast and at Malte, and touching 60° at Lissas; exceeding 50° (1) at most stations on the Atlantic coast of Portugal, Spain, and France, with the south of England, (2) 59° at Marseilles, and exceeding 50° at many of the German and Baltic stations. Lowest 12° at Archangel, 29° at Haparanda, 31° at Kuopio, and 36° at St. Petersburg. Rising to 60° and more in many parts of England and France later.

Wind NW<sup>3</sup> to N<sup>2</sup> over the greater part of the United Kingdom and the Channel, N<sup>1</sup> to W<sup>3</sup> and strong over the Bay of Biscay, W<sup>2</sup> over Spain, SW<sup>2</sup> over France, SE<sup>2</sup> over Germany and the Baltic. A cyclonic circulation prevailing locally over the north of France and southeast of England. N<sup>2</sup> wind becoming strong over the Irish Channel later—little change elsewhere.

Barometer highest (1) 30.3 in. and more over northern Russia, 30.2 in. and more over southern Russia and the Black Sea, and exceeding 30.0 in. over Russia and the northeast of Scandinavia generally; (2) 30.1 in. and more to 29.9 in. over the Iberian Peninsula, and exceeding 29.9 in. over the west of Ireland. Lowest, about 29.6 in. over the Shetland Isles, and below 29.6 in. in a depression over the north of France. Latter system moving eastwards later, and partially filling up.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.  
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on

Friday, 20<sup>th</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.	
At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Max.	Min.									
SCANDINAVIA.																					
Haparanda ...	30.17	23	2	0	b	30.15	+0.06	26	24	0	NE	2	b	#	b	#	32	19	-	-	
Hernösand ...	30.22	31	NE	6	S	30.31	+1.11	30	28	-4	NE	4	m	#	S	#	36	30	0.12	-	
Stockholm ...	30.09	39	NE	4	†	30.12	+0.09	37	37	-5	E	4	r	#	r	#	48	36	0.12	-	
Wisby ...	29.99	48	NE	2	bc	29.97	+0.01	46	45	-13	SE	6	o	#	bc	#	63	46	-	-	
Bodö ...	30.20	37	ESE	5	c	30.31	+1.22	37	31	-3	E	5	b	3	c	#	43	32	-	-	
BRITISH ISLANDS.																					
Christiansund ...	30.12	48	NNE	1	†	30.19	+1.17	46	45	-3	NNE	2	f	2	†	#	50	46	0.16	-	
Skudesnaes ...	30.13	45	SE	2	bc	30.13	+0.09	46	44	+1	NNE	4	c	2	c, bc	#	50	41	?	-	
Færder (Christiania Fjord)	30.07	48	ESE	4	o	30.08	+0.07	42	40	-3	NNE	4	o	1	o	#	48	41	-	-	
Skagen (The Scaw)	30.04	44	NNE	1	f	30.02	+0.06	43	41	+2	NE	2	o	0	f	#	46	41	-	-	
Fanö ...	30.04	45	NNE	4	c	30.03	+0.07	46	45	+3	NNE	2	o	#	c	#	64	36	-	-	
Sumburgh Head	30.11	46	WSW	1	o	30.12	+0.07	46	44	0	S	1	o	2	c, o	#	50	41	-	-	
Stornoway ...	30.07	48	W	4	o	30.06	+0.01	50	48	+5	S	3	c	3	o	1.6	52	44	0.01	-	
Wick ...	30.11	48	SE	3	bc	30.12	+0.05	47	45	+2	W	0	c	0	bc	#	52	40	-	-	
Nairn ...	30.08	55	2	0	c	30.11	+0.02	47	45	+2	W	1	b	1	c	#	58	40	-	-	
Aberdeen ...	30.17	46	SSE	2	b	30.15	+0.03	48	44	+1	S	1	bc	1	b	#	53	40	-	-	
Leith ...	30.14	51	SE	2	c	30.15	+0.01	47	44	+2	W	1	bcm	#	c	#	53	35	-	-	
Shields ...	30.18	49	NE	2	b	30.18	+0.08	43	40	-2	SW	1	cmw	2	b	#	51	34	-	-	
Spurn Head ...	30.13	46	N	3	cv	30.17	+1.13	45	44	0	NNE	2	ov	3	bc, cv	#	51	44	-	-	
York ...	30.18	52	NE	1	b	30.21	+1.11	41	40	-6	N	1	b	#	b	#	56	33	-	-	
Loughborough ...	30.14	51	ESE	3	bc	30.20	+1.14	43	41	-2	NE	1	om	#	bc	#	55	30	-	-	
GERMANY & HOLLAND.																					
Ardrossan ...	30.15	51	2	0	bcm	30.14	+0.02	50	47	0	SE	1	bcm	1	bcm, bcm	#	54	39	-	-	
Malin Head ...	30.14	48	NE	1	b	30.05	-0.08	49	46	+3	S	4	b	2	b	#	52	40	-	-	
Belmullet ...	30.15	51	SSW	2	b	30.00	-1.15	48	45	0	SSE	2	o	#	bc, b	#	53	41	-	-	
Donaghadee ...	30.17	52	SE	3	b	30.14	-0.01	47	46	-2	SE	3	m	1	b	#	53	45	-	-	
Liverpool (Bilston)	30.17	49	NNE	1	bc	30.19	+0.08	46	43	-2	ESE	3	b	3	bc	#	56	39	-	-	
Holyhead ...	30.17	48	NNE	2	b	30.15	+0.04	50	48	+2	SSW	1	f	0	b	#	52	43	-	-	
Parsonstown ...	30.15	58	2	0	b	30.10	-0.07	48	45	+3	NNE	1	b	#	b	#	12.0	58	40	-	
Valencia ...	30.17	52	SW	2	b	30.00	-1.19	50	47	+1	SE	5	c	5	b, bc	#	52	46	-	-	
Roche's Point ...	30.16	55	SW	3	b	30.10	-0.08	50	47	+2	SSW	4	bc	3	b	#	58	42	-	-	
Pembroke (St. Ann's Hd.)	30.12	51	N	4	b	30.14	+0.06	49	48	+1	SE	3	bcm	2	b	#	8.2	53	45	-	
Scilly ...	30.15	50	NNE	4	c	30.13	+0.03	51	49	+2	ESE	1	bcm	2	c	#	5.4	51	47	-	
Prawle Point ...	30.12	56	NE	2	m	30.15	+1.14	47	45	0	NE	2	bc	1	cm	#	59	41	-	-	
Jersey (St. Aubin's)	30.09	52	NNE	3	bcm	30.15	+1.18	50	47	-2	NE	3	ogm	3	o, bcm	#	56	46	-	-	
Hurst Castle ...	30.09	52	NNE	3	o	30.15	+1.17	45	43	-4	ESE	2	og	2	bcm, o	#	57	43	-	-	
Dungeness ...	30.01	48	NE	4	o	30.12	+1.20	47	46	-4	NE	5	o	4	r, o	#	51	45	0.07	-	
FRANCE & BELGIUM.																					
North Foreland	30.05	47	N	7	o	30.15	+1.19	45	44	-4	NNE	6	og	5	og, o	#	47	44	0.13	-	
London (Brixton) ...	30.11	48	N	3	o	30.16	+1.17	44	42	-2	N	2	og	#	og	#	49	42	-	-	
Oxford ...	30.17	46	NE	3	b	30.18	+1.13	43	41	-2	NE	4	og	#	o, b	#	51	39	-	-	
Cambridge ...	30.13	46	NNE	4	o	30.18	+1.14	45	43	+1	W	1	o	#	o	#	48	42	-	-	
Yarmouth ...	30.06	44	N	4	ogd	30.14	+1.16	44	43	0	NNE	4	c	4	ogd	#	45	43	0.04	-	
GERMANY & HOLLAND.																					
Cuxhaven ...	29.95	48	N	3	c	30.01	+0.05	47	46	-5	N	4	o	#	c	#	55	46	-	-	
Berlin ...	29.87	56	N	3	b	29.87	-0.01	49	47	0	NW	4	o	#	b	#	63	48	-	-	
Wiesbaden ...	*	*	*	*	*	29.96	+1.10	54	51	+3	N	4	bc	#	*	#	61	45	0.59	-	
Munich ...	29.94	46	SW	4	c	29.96	+1.11	49	44	0	W	5	c	#	c	#	52	41	-	-	
The Helder ...	30.08	46	NE	5	f	30.15	+1.16	44	43	-6	NNE	4	c	3	f	#	50	43	0.16	-	
FRANCE & BELGIUM.																					
Brussels (9 a.m.) ...	*	*	*	*	*	30.04	+1.18	46	46	-4	NE	4	r	#	r	#	50	43	0.08	-	
Cape Gris Nez ...	29.97	48	N	6	†	30.06	+1.19	48	48	-2	NNE	2	o	#	c	#	60	48	0.12	-	
Paris ...	29.95	53	NNE	3	c	?	?	47	46	-2	NNE	1	o	3	m	#	54	43	-	-	
Brest ...	?	50	N	4	m	30.13	+1.13	48	46	-2	NNE	4	c	3	b	#	57	45	-	-	
Lorient ...	30.08	53	NW	5	b	?	?	48	46	-2	NNE	4	c	3	b	#	57	45	-	-	
FRANCE & BELGIUM.																					
Rocheport ...	30.03	53	NNE	4	o	30.08	+0.09	50	48	-2	NNE	4	o	#	c, o	#	59	46	0.08	-	
Belfort ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Lyons ...	29.99	51	NNE	1	†	30.04	+1.10	48	44	-1	N	1	bc	#	bc	#	63	42	0.08	-	
Nice ...	29.91	57	SE	3	b	29.96	+0.09	51	48	+4	E	1	bc	2	b	#	63	46	-	-	
Perpignan ...	30.05	58	N	3	c	30.07	+0.04	52	47	-2	NW	3	b	#	c	#	67	49	-	-	
Biarritz ...	30.12	55	NNE	6	†	30.10	+0.07	52	52	0	W	4	r	3	r	#	69	46	0.32	-	
PENINSULA.																					
Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Lisbon ...	30.25	52	NNE	5	b	30.23	+0.04	56	49	+2	N	4	bc	#	b	#	61	48	-	-	
Azores (P. Delgada)	30.36	62	2	0	o	30.32	-0.01	61	60	-1	W	3	c	2	o	#	64	59	-	-	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# THE WEATHER CHARTS

FOR FRIDAY, 20<sup>TH</sup> APRIL, 1894.

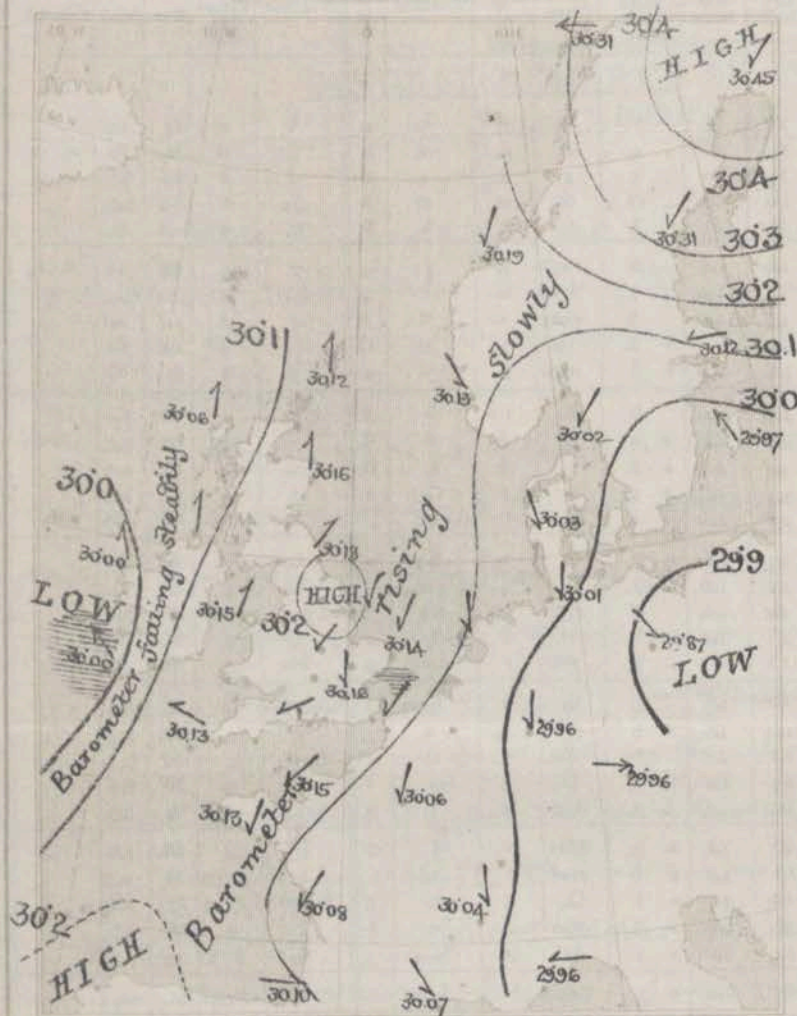
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Force 3 to 4 → : Force 1 to 2 → : Calm ☐

SEA—Bough : High

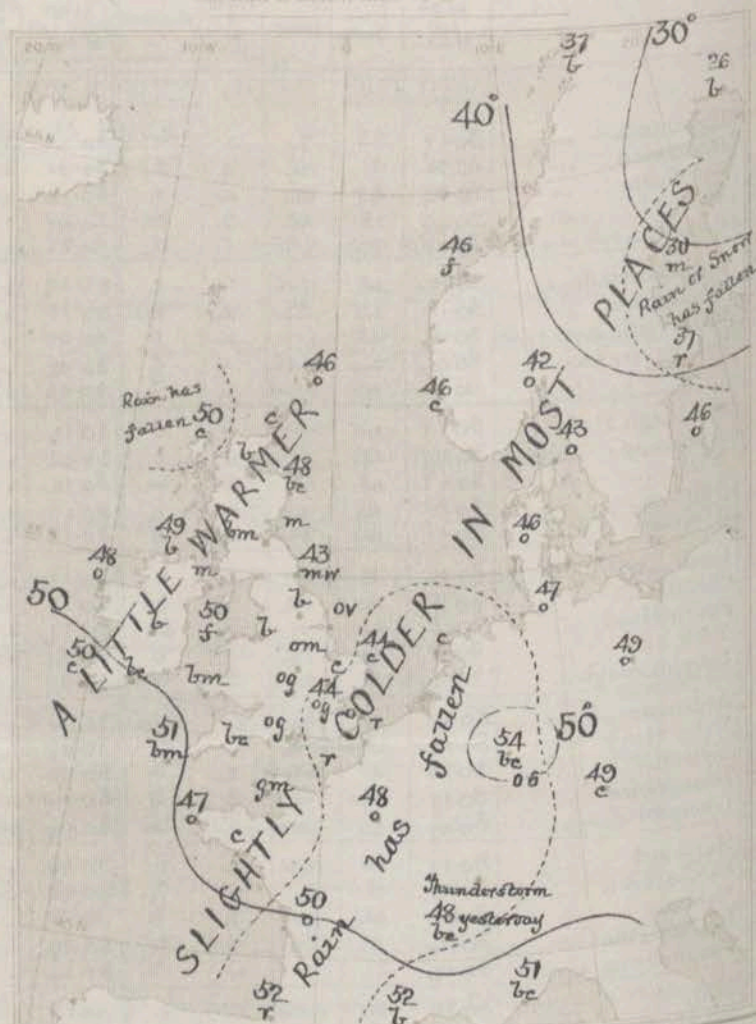


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE (25 years 1871—90) (Inches)	TEMPERATURE (20 years 1871—90)				RAINFALL (25 years 1870—90) (Inches)	BRIGHT SUNSHINE (10 years 1881—90)	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum	Daily Minimum		Hours	Per cent of possible
Stander Head	29.846	41.7	40.2	46.0	36.7	2.07	—	30
St. Peter's Head	29.824	43.8	42.3	48.9	37.2	2.05	152.3	—
Wick	29.818	43.1	41.2	48.9	36.9	1.68	—	—
Nairn	29.818	42.7	40.4	50.9	37.3	1.28	—	21
Aberdeen	29.818	43.2	40.7	49.3	38.0	2.16	143.0	—
Leith	29.818	44.1	41.7	52.0	37.9	1.57	—	—
Shields	29.818	43.5	41.4	49.0	38.6	1.90	—	—
Spurn Head	29.818	44.0	42.3	48.4	40.3	1.45	—	31
York	29.818	43.8	41.6	53.5	37.7	1.78	128.6	—
Loughborough	29.818	44.4	42.1	51.5	39.5	2.14	—	—
Ardrossan	29.818	44.6	42.3	51.0	40.0	1.92	—	—
Donaghadee	29.818	45.8	43.8	51.4	42.0	1.90	—	—
Holyhead	29.818	45.0	42.1	52.6	40.4	1.55	—	30
Liverpool	29.818	45.0	42.5	54.6	38.6	2.04	159.9	41
Barrow-in-Wadney	29.818	43.2	40.6	53.0	42.8	3.83	160.5	—
Valencia	29.818	46.8	44.5	53.7	42.1	3.24	—	44
Boche's Point	29.818	43.2	40.4	50.9	41.0	1.94	182.9	—
Pembroke	29.818	45.6	46.0	52.1	44.7	2.27	—	—
Sally	29.818	46.2	44.6	51.9	40.7	2.97	—	40
Powell Point	29.818	48.5	45.9	54.2	43.5	2.08	187.6	—
Jersey	29.818	45.5	44.2	52.1	41.0	1.83	—	—
Holst Castle	29.818	46.3	44.0	51.1	41.5	1.77	—	30
Devon	29.818	46.1	43.2	56.0	39.7	1.84	124.3	34
LONDON	29.818	44.4	42.1	51.0	38.9	1.78	141.2	36
Oxford	29.818	45.2	43.0	50.8	37.3	1.69	147.9	—
Cardiff	29.818	44.7	43.0	49.1	39.0	1.50	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.4 in: and more to 30.2 in: over Scandinavia; 30.2 in: and more over the western and southern part of the Spanish Peninsula, and exceeding 30.1 in: in a col uniting the two systems and stretching directly across by east Britain.

Lowest, (1) 29.9 in: and less over Germany; (2) below 30.0 in: off the west of Ireland.

Isobars very slight over our Islands, moderating for S<sup>W</sup> winds but increasing in the west.

Barometer falling steadily in Ireland and slightly in Scotland, rising over France and in the far east.

Highest, 55° at Lisbon, 52° to 50° in the southwest of France, 51° to 50° in the extreme southwest of our Islands.

Lowest, 26° at Haparanda, 30° at Helsingfors, 37° at Stockholm and Riga.

## TEMPERATURE

The maxima recorded yesterday were as high as 55° to 58° in many parts of the Kingdom, but did not touch 50° over our southernmost counties; the minima during the night were as low as 30° to 35° over our northern counties, and sharp frost occurred on the ground.

## WIND

Still N<sup>W</sup> to NE<sup>W</sup> at the eastern and southern stations—strong at the mouth of the Thames, but moderate to light as a whole. In the west, however, a moderate but freshening breeze has set in from the S<sup>W</sup>, and is apparently spreading slowly to the eastward.

## WEATHER

Fine generally in the west and north, dull and gloomy, but dry over the east and southeast of England; at Cape Finis Neg. and latter rain is still falling—but not heavily.

During yesterday rain fell over several parts of Germany and France, but except at Wiesbaden the amounts measured were small. Thunder lightning have occurred at Lyons.

## SEA

Rather rough at Valencia, moderate on our eastern coasts and at Cape Finis Neg. slight or smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The northeasterly and northerly breeze is dying down gradually, and the southerly wind in the west is freshening, and is likely to become general over the United Kingdom and neighbouring regions for a time.

## FORECASTS

For the 24 hours ending at NOON on 21<sup>st</sup> April, 1894.

### DISTRICTS.

### FORECASTS.

- 0 SCOTLAND NORTH
- 1 SCOTLAND EAST
- 2 ENGLAND N.E.
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH

S<sup>W</sup> winds, freshening; fine and warm then less fair, rain at times.

Wind shifting S<sup>W</sup>; fine, warm today.

Same as No. 5.

Same as No. 2.

NE<sup>W</sup> winds, falling very light or calm; dull to fine and bright.

### DISTRICTS.

### FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

S<sup>W</sup> winds, freshening; fine to showery.

Wind shifting to S<sup>W</sup>, light to moderate, fair generally.

S<sup>W</sup> winds, increasing in force; fine to showery.

### WARNINGS

None issued at present.

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by E. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.  
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.11	50	47	W	2	c	2	Valencia ...	30.20	52	49	W	1	bc	2
Sumburgh Head ...	30.10	48	44	W	1	c	3	Scilly ...	30.13	50	48	W	4	c	3
Stornoway ...	30.11	50	46	W	4	o	4	Jersey ...	30.07	54	51	W	5	o	4
Aberdeen ...	30.17	51	44	SSE	2	b	1	Hurst Castle ...	30.12	54	51	NE	3	bc	3
Shields ...	30.18	49	45	NE	3	b	2	Dungeness ...	30.00	51	49	NE	4	t	5
Ardrossan ...	30.15	52	49	SW	2	bc	1	North Foreland	30.02	47	46	W	7	o	#
Malin Head ...	30.16	51	49	W	1	b	2	London (Westminster)	30.08	49	46	W	4	bc	4
Belmullet ...	30.19	53	48	S	3	bc	#	Yarmouth ...	30.05	45	44	W	4	c	#
Holyhead ...	30.17	51	48	W	3	bc	2	Rocheport ...	30.00	57	53	W	5	c	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southeastern Europe, Portugal, and the greater part of Ireland and Scotland as well as in Lapland and Finland, cloudy or overcast elsewhere, foggy in places, and unsettled over Central Europe and southeastern England — with rain in places. Rain falling during day at most of the Continental stations and in the extreme east and southeast of England, snow at Hemsland, but amounts reported small — except at Wiesbaden and Biarritz. Thunder and lightning in the south of France.

Temperature fallen over Russia, Finland, and the eastern half of England. Morning readings highest 60° and more on the southern side of the Mediterranean and 60° at Trania, exceeding 50° at all the coast stations of southern and western Europe; 49° at Scilly and Valencia, 50° at Ardrossan. Lowest 20° at Archangel, 26° at Haparanda and Kuopio, 30° at St. Petersburg. Rising later to 60° and more in Germany, in the south of France, and at Paris, and to between 55° and 58° in many parts of our Islands, but not touching 50° at our southeastern stations. Following night cold over our northern districts.

Wind light to moderate and variable — from between NW. and SW. over the Mediterranean, light and variable from between SW. and SE. over central and eastern Europe, but E<sup>1</sup> to NE<sup>1</sup> over northern Europe, N<sup>1</sup> light, in Denmark, and strong to moderate in the east and south of England. Very light and variable over Scotland and Ireland, with a tendency to back S<sup>1</sup>. S<sup>1</sup> wind setting in over Ireland later.

Barometer highest (1) 30.4 in. and more to 30.1 in. in an anticyclone over northern Europe; (2) 30.1 in. and more in another over the Iberian Peninsula, and the eastern side of the Atlantic south of Lat. 50°; exceeding 30.0 in. in a "Col" joining these two systems and lying over Ireland and Scotland. Lowest 29.9 in. and less, in a large shallow depression of irregular form lying over Germany and France, and apparently low in the neighbourhood of Ireland also. Falling at our western stations later rising in the east and south.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on

Saturday, 21<sup>st</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.			BAROMETER.		TEMPERATURE.			WIND.									
At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.			
Inch.	"	"	"	"	Inch.	Inch.	"	"	"	"	"	"	"	"	"	"	"	"	Inch.		
SCANDINAVIA.																					
Haparanda ...	30.46	24	2	0	b	30.40	- .05	30	28	+ .14	W.S.W.	2	b	#	b	#	34	26	-		
Hernösand ...	30.42	31	NE	2	b	30.49	+ .18	30	30	0	N	2	b	#	b	#	30	28	-		
Stockholm ...	30.21	36	E	2	b	30.37	+ .25	36	32	- 1	E	6	b	#	b	#	41	32	-		
Wisby ...	30.09	40	SW	4	b	30.23	+ .26	40	35	- 6	ESE	6	b	#	b	#	57	37	-		
Bodo ...	30.32	35	NE	2	b	30.31	- .00	39	33	+ 2	E	2	b	1	b	#	41	30	-		
Christiansund ...	30.17	47	NNE	3	b	30.17	- .02	48	42	+ 2	E	3	b	2	b	#	48	43	-		
Skudesnaes ...	30.09	45	N.W.	6	c	30.21	+ .08	45	43	- 1	Z	0	c	2	b, c	#	50	41	?		
Færder (Christiania Fjord)	30.15	39	E.N.E.	6	r	30.27	+ .19	36	35	- 6	NNE	6	o	1	r	#	45	36	-		
Skagen (The Seaw)	29.99	39	E	4	r	30.14	+ .12	39	38	- 1	E	5	r	1	r	#	46	37	0.20		
Fanø ...	30.04	47	N.W.	4	c	30.00	- .03	43	42	- 3	N.W.	2	c	#	c	#	52	36	-		
Sumburgh Head	30.08	46	S	1	o	30.04	- .08	47	45	+ 1	SE	3	o	4	o	#	50	43	-		
Stornoway ...	29.96	44	S	3	b	29.89	- .17	50	48	0	S	5	bc	4	bc, o	6.2	46	43	-		
Wick ...	30.03	46	SE	3	bc	29.92	- .20	46	45	- 1	E	2	bc	2	bc	#	53	43	-		
Nairn ...	29.98	50	Z	0	c	29.97	- .14	51	46	+ 4	ESE	1	b	1	c	#	59	37	-		
Aberdeen ...	30.07	47	S	3	b	30.07	- .08	44	43	- 4	SSE	2	o	3	b	8.9	52	42	-		
Leith ...	30.04	52	N.W.	1	c	30.04	- .11	46	44	- 1	E	1	cm	#	c	#	58	35	-		
Shields ...	30.12	46	ESE	3	b	30.08	- .10	43	41	0	SW	2	bmw	2	bm, b	#	50	35	-		
Spurn Head ...	30.12	44	E	2	bv	30.09	- .08	45	44	0	ESE	3	cv	3	bv, bw	#	48	40	-		
York ...	30.11	54	SSE	1	b	30.10	- .11	43	40	+ 2	ESE	1	b	#	b	#	57	34	-		
Loughborough ...	30.11	55	ESE	2	bc	30.11	- .09	40	38	- 3	SE	1	bmw	#	bc	#	58	25	-		
Ardrossan ...	30.05	51	SE	1	bm	30.02	- .12	49	46	- 1	SE	2	bm	2	b	#	59	40	-		
Malin Head ...	29.91	56	SSE	5	om	29.89	- .16	48	46	- 1	S	4	om	2	b, om	#	61	46	-		
Belmullet ...	29.89	58	SSE	4	o	29.83	- .17	51	50	+ 3	SSE	2	o	#	c, o	#	56	45	0.03		
Donaghadee ...	30.05	50	S	3	m	30.01	- .13	49	47	+ 2	SE	6	b	4	m	#	54	46	-		
Liverpool (Bidston)	30.08	52	SSE	2	b	30.06	- .13	47	44	+ 1	ESE	3	b	2	b	#	58	37	-		
Holyhead ...	30.09	50	W.S.W.	1	m	30.04	- .11	48	46	- 2	SW	2	cw	1	cgm	#	57	41	-		
Parsonstown ...	29.99	52	SE	2	o	29.93	- .17	50	48	+ 2	SW	1	o	#	bc, o	9.2	60	40	-		
Valencia ...	29.89	51	SE	6	g, m, r	29.85	- .15	54	52	+ 4	SSE	3	c	4	ogm	0.0	54	50	0.16		
Roche's Point ...	30.01	50	S	5	o	29.95	- .15	50	50	0	SW	6	rm	4	o	#	54	48	-		
Pembroke (St. Ann's Hd.)	30.08	49	SSE	4	b	30.03	- .11	46	45	- 3	SSE	3	og	2	b	10.0	52	45	-		
Seilly ...	30.07	51	SSE	3	o	29.99	- .14	50	48	- 1	S	4	c	2	c, o	7.2	56	47	-		
Prawle Point ...	30.10	46	E	2	c	30.05	- .10	48	45	+ 1	ESE	1	o	1	c	#	51	43	-		
Jersey (St. Aubin's)	30.10	50	NE	3	ogm	30.05	- .10	48	46	- 2	NE	3	ogmd	3	ogm	#	52	47	0.01		
Hurst Castle ...	30.10	50	E	1	om	30.06	- .09	46	44	+ 1	ESE	2	og	2	ogm	#	51	45	-		
Dungeness ...	30.08	48	NE	5	o	30.04	- .08	47	43	0	NE	3	c	2	o	#	49	43	-		
North Foreland	30.11	46	NNE	4	og	30.07	- .08	45	43	0	NNE	3	og	3	og	#	47	44	-		
London (Brixton) ...	30.11	48	NNE	2	ogm	30.09	- .07	43	40	- 1	NE	1	o	#	ogm, o, b	0.0	49	39	-		
Oxford ...	30.12	47	E	2	o	30.08	- .10	44	42	+ 1	E	1	o	#	o	#	50	37	-		
Cambridge ...	30.12	47	W.S.W.	1	o	30.10	- .08	43	40	- 2	W.S.W.	1	o	#	o	0.0	52	34	-		
Yarmouth ...	30.13	45	NNE	3	cv	30.08	- .06	45	42	+ 1	NNE	3	cv	3	bv, cv	#	46	41	-		
Cuxhaven ...	29.98	47	N	3	o	29.96	- .05	45	45	- 2	NNE	2	o	#	o	#	49	43	-		
Berlin ...	29.93	50	NW	3	o	29.93	+ .06	46	44	- 3	NW	2	o	#	o	#	54	45	-		
Wiesbaden ...	#	#	#	#	#	29.95	- .01	48	45	- 6	N	1	o	#	#	#	61	45	-		
Munich ...	29.94	47	Z	0	b	29.82	- .14	43	43	- 6	NE	4	o	#	bc	#	57	39	-		
The Helder ...	30.14	45	NNE	4	c	30.09	- .06	46	46	+ 2	NNE	3	e	2	c	#	46	43	-		
Brussels (9 a.m.) ...	#	#	#	#	#	30.05	- .05	42	39	-	NNE	4	o	#	o	#	49	41	-		
Cape Gris Nez ...	30.04	47	E.N.E.	4	o	30.01	- .03	46	41	0	E	4	o	3	o	#	45	39	-		
Paris ...	30.11	57	N	3	c	29.99	- .07	44	42	- 4	NNE	3	o	#	c	#	60	45	-		
Brest ...	#	55	N.W.	2	c	?	?	45	46	+ 1	SE	2	c	2	c	#	59	43	-		
Lorient ...	30.07	53	N.W.	4	o	30.03	- .10	47	45	- 1	NE	3	b	2	o	#	52	43	-		
Rocheport ...	30.06	54	N	4	c	30.02	- .06	49	48	- 1	NNE	3	o	#	o, c	#	57	39	-		
Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Lyons ...	29.87	56	N	1	b	29.77	- .27	49	46	+ 1	N.W.	4	o	#	b	#	62	45	-		
Nice ...	29.75	54	Z	0	bc	29.50	- .46	51	47	0	Z	0	r	2	bc	#	63	50	-		
Perpignan ...	29.91	54	NW	4	b	29.79	- .28	51	46	- 1	NW	5	bc	#	b	#	62	50	-		
Biarritz ...	30.05	52	W	5	r	29.98	- .12	51	49	- 1	W	5	o	3	r	#	55	48	0.32		
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Lisbon ...	30.18	54	W	2	o	30.10	- .13	58	57	+ 3	W	4	o	#	o	#	61	54	-		
Azores (P. Delgada)	30.25	61	W.S.W.	1	c	30.14	- .18	60	58	- 1	SW	4	c	#	c	#	64	59	-		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR SATURDAY, 21<sup>st</sup> APRIL, 1894.

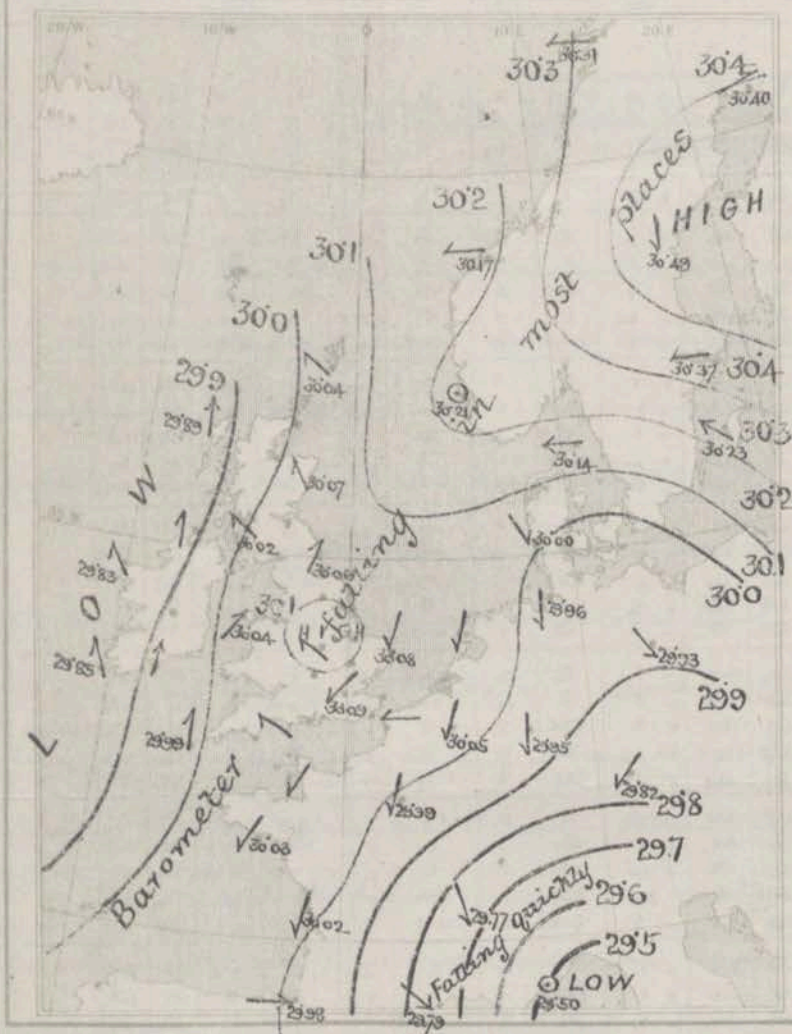
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Force 1 to 4 → : Calm ☉

SEA—Rough ■ : High ■

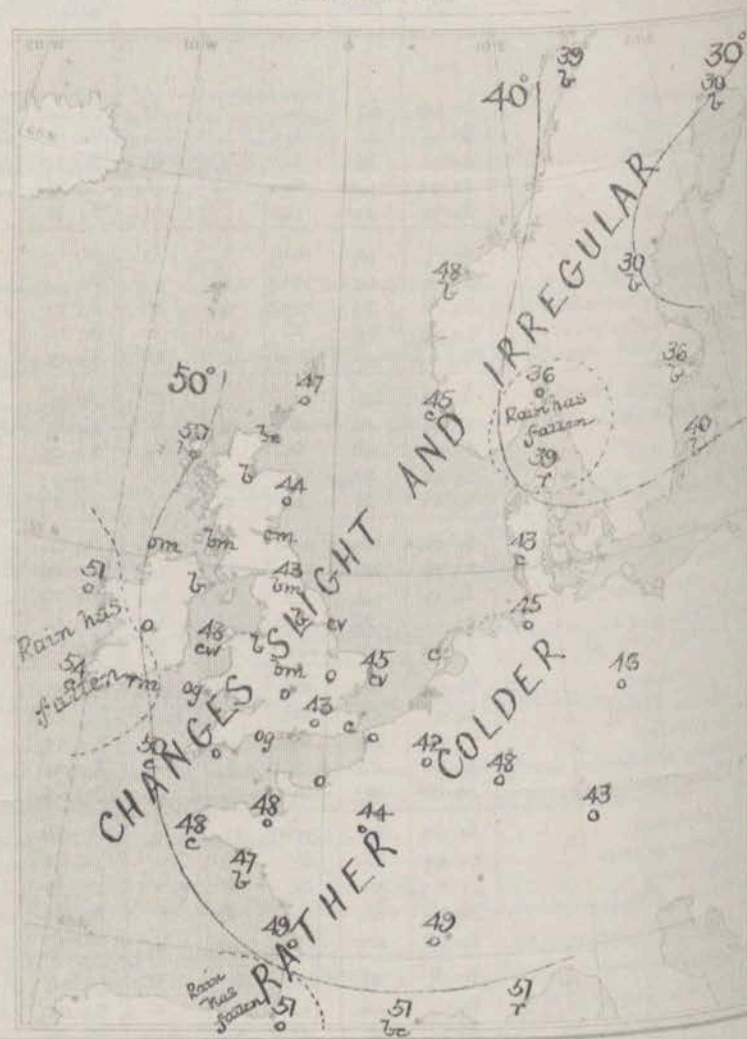


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871-90). (Inches.)	TEMPERATURE. (20 years 1871-90).				RAINFALL. (25 years 1866-90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881-90).	
		Dry Bulb. 8 a.m.	Wet Bulb. 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Sunderland Road	29.840	41.7	40.2	46.0	36.7	2.07	132.3	30
Stoneway	29.824	43.8	42.0	48.0	37.2	2.05	—	—
Wick	29.848	43.1	41.2	48.0	36.0	1.68	—	—
Nairn	29.848	42.7	40.4	50.0	37.3	1.26	148.0	34
Aberdeen	29.858	43.2	40.7	49.3	38.0	2.16	—	—
Leith	29.863	44.1	41.7	52.0	37.9	1.57	—	—
Shibboleth	29.863	43.5	41.4	49.0	38.6	1.80	—	—
Spurn Head	29.863	44.0	42.3	48.4	40.3	1.45	128.0	31
York	29.876	43.8	41.6	53.5	37.7	1.75	—	—
Loughborough	29.879	44.4	42.1	55.1	38.1	1.78	—	—
Ayr	29.877	44.4	42.1	51.5	39.5	2.14	—	—
Donaghadee	29.859	44.6	42.9	51.0	40.0	1.92	—	—
Holyhead	29.867	45.0	42.1	52.6	40.4	1.55	—	—
Liverpool	29.867	45.0	42.5	54.0	38.0	2.04	139.0	30
Parsanstown	29.864	48.2	45.6	53.0	42.8	3.84	100.5	41
Valencia	29.854	46.8	44.5	53.7	42.1	3.24	182.0	44
Rock's Point	29.851	46.2	43.4	50.4	41.0	1.94	—	—
Pembroke	29.852	46.0	43.0	52.1	44.7	2.27	—	—
Scilly	29.876	46.2	44.6	51.0	40.7	2.47	187.0	40
Brace Point	29.872	45.5	43.0	51.2	41.5	2.68	—	—
Jersey	29.871	45.5	44.2	52.1	41.0	1.83	—	—
Hurst Castle	29.864	46.3	44.0	51.1	41.5	1.77	—	—
Dover	29.878	46.7	43.2	56.0	39.7	1.84	124.3	31
LDONISIN	29.884	44.4	42.1	51.0	39.9	1.78	141.2	36
Oxford	29.890	45.2	43.0	55.8	37.3	1.39	147.8	—
Cambridge	29.872	44.7	43.0	49.1	39.0	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, (1) 30.4 ins. and more to 30.1 ins. over Iceland and Scandinavia, (2) 30 ins. and more to 30.0 ins. over the Spanish Peninsula.  
Lowest, (1) 29.5 ins. and less, in a well-marked depression over the northeastern part of the Mediterranean; (2) 29.9 ins. in the Hebrides and west of Ireland, and apparently still lower over the adjacent parts of the Atlantic.

Gradients slight over Great Britain and the North Sea, moderate in the west, steep over the southeast of France and Switzerland.

Barometer falling in most places, but very little in our Islands, though rather decidedly in the Azores.

## TEMPERATURE

Highest, 53° at Lisbon, 54° to 50° on the extreme western and southeastern coasts of our Islands.

Lowest, 50° at Haparanda and Hemösand, 36° at Stockholm, 40° at Loughborough, 43° at Shields, York, and Cambridge.

The night has been very sharp over our midland counties, with frost on the ground.

## WIND

(1) S<sup>W</sup>, moderate to strong on our west and northwest coasts, E<sup>W</sup> in the west of Norway and south of Sweden.

(2) NE<sup>W</sup> over the southern parts of the North Sea, the east of England and the Channel, NE<sup>W</sup> to NW<sup>W</sup> over France and Germany, W<sup>W</sup> over the Iberian Peninsula.

## WEATHER

Fine and bright over Scandinavia, fair over the greater part of the United Kingdom, but dull over Ireland, and rainy at Rock Point. Very dull over France, rainy at Nice.

## SEA

Moderate at the western stations generally, slight or smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The southerly wind seems likely to increase in strength shortly and to spread gradually over England, where the northeasterly breeze has now become light.

## FORECASTS

For the 24 hours ending at NOON on 22<sup>nd</sup> April, 1894.

### DISTRICTS.

### FORECASTS.

- 0 SCOTLAND NORTH
- 1 SCOTLAND EAST
- 2 ENGLAND N.E.
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH

S<sup>W</sup> and SW<sup>W</sup> winds, freshening; showery.

Varying S<sup>W</sup> winds; fair, warmer.

Same as No. 5.

Same as Nos 1 and 2.

E<sup>W</sup> and NE<sup>W</sup> winds, light; fine.

### DISTRICTS.

### FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

S<sup>W</sup> winds, fresh; some rain.

### WARNINGS

None issued.

The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is indicated in preference to the South Cone.  
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is indicated in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.12	50	47	NEW	6	b	2	Valencia ...	29.95	52	50	SE	6	0 gm	5
Sumburgh Head	30.12	49	46	E	2	o	2	Scilly ...	30.10	55	53	SE	2	0	2
Stornoway ..	30.02	55	50	S	3	bc	3	Jersey ...	30.13	52	49	NNE	3	0	3
Aberdeen ...	30.11	50	47	SE	2	b	2	Hurst Castle ...	30.13	49	46	NNE	1	0 g	1
Shields ...	30.14	49	46	SE	3	b-m	2	Dungeness ...	30.09	49	47	NE	2	0	3
Ardrossan ...	30.08	56	52	W	0	b	0	North Foreland	30.10	47	45	NNE	5	0	5
Malin Head ...	29.96	61	51	S	5	b	2	London (Westminster)	30.14	48	46	NE	2	0 gm	#
Belmullet ...	29.94	56	51	S	2	o	#	Yarmouth ...	30.14	45	43	NNE	3	bcv	3
Holyhead ...	30.12	55	49	SW	3	cgm	2	Rocheport ...	30.11	52	49	NNE	3	0	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over northern, eastern and southern Europe, as well as over the southern half of Spain and the western and northern parts of the British Islands; cloudy or overcast elsewhere, foggy at Christiansund, rainy at Stockholm, as well as in the northeast of France, at Breslau, Naples, Bilbao, and La Cella. Rain falling locally at some of the Continental stations later, and a small quantity in the east of Ireland.

Temperature not changing much. Morning readings highest 62° at Malta, 60° at Palma, and exceeding 50° at most stations in southern and central Europe; 50° to 51° at a few of the British coast stations also. Lowest 23° at Archangel, 26° at Haparanda, 28° at Moscow and Pskruburg, 30° at Hemisand; 41° at York, 43° at Oxford. Rising later to 60° or more in many parts of France and some parts of Ireland, and to 53° at Nain and Ardrossan; not touching 50°, however, on the southeast coast of England or in the Netherlands.

Wind (1) NE<sup>r</sup> over the Baltic and Scandinavia, the North Sea, the east and south of England, and the northern half of France; N<sup>r</sup> to NW<sup>r</sup> over North Germany; W<sup>r</sup> and SW<sup>r</sup>, (but very light) over south Germany. (2) S<sup>r</sup> and SE<sup>r</sup> over Ireland, the Irish Sea, and west of Scotland. Not much change later, as far as direction was concerned, but the NE<sup>r</sup> wind moderating slowly on our east and southeast coasts.

Barometer highest 30.4 in: and more to 30.2 in: over Finland, the Gulf of Bothnia, and all the northern half of Scandinavia, (2) 30.2 in: and more over the southwestern half of the Spanish Peninsula, and varying from 30 in: to 30.2 in: in a "col" uniting these areas, and stretching from the north of Spain across the Bay of Biscay, Gibraltar and the North Sea to Norway. Lowest 29.8 in: and less, in a depression over North Germany and in another over Tunis, and below 30 in: over Central Europe and the Mediterranean generally; (2) below 30 in: off the west coast of Ireland. Falling later over our Islands and Western Europe—especially on our western coasts.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.  
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.  
" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 22<sup>nd</sup> April, 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

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STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.							
	BAROM.	TEMP.	WIND.		Weather		BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			Rainfall.			
							At 3 <sup>30</sup> and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 3 <sup>30</sup> Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.					Wet Bulb.	Change since Yester- day.	Direc.		Force (0 to 12.)	Max.	Min.
<b>SCANDINAVIA.</b>																								
Haparanda ...	30.25	28	SW	2	b	30.26	-.14	33	32	+ 3	Z	0	b	#	b	#	#	34	18	—				
Hernösand ...	30.43	32	S	2	b	30.35	-.14	28	?	- 2	S	2	b	#	b	#	#	43	23	—				
Stockholm ...	30.44	34	E	2	b	30.38	+ .01	41	36	+ 5	E	4	b	#	b	#	#	41	32	—				
Wisby ...	30.30	35	E	6	b	30.28	+ .05	41	36	+ 1	SE	6	b	#	b	#	#	51	34	—				
Bodo ...	30.24	37	E	2	b	30.26	-.05	45	39	+ 6	ESE	2	b	1	b	#	#	46	32	—				
Christiansund ...	30.25	46	Z	0	b	30.26	+ .09	43	41	- 5	W	1	b	0	b	#	#	52	39	—				
Skudesnaes ...	30.26	43	Z	0	bc	30.22	+ .01	45	38	0	ENE	2	b	2	0.6c	#	#	48	36	—				
Færder (Christiania Fjord)	30.31	42	NNE	4	c	30.31	+ .04	36	35	0	N	6	b	1	c	#	#	43	32	—				
Skagen (The Scaw)	30.22	42	E	4	bc	30.21	+ .07	39	36	0	E	4	b	1	bc	#	#	48	34	—				
Faro ...	30.03	41	ESE	5	c	29.97	-.03	41	?	- 2	E	4	c	#	c	#	#	50	39	0.08				
<b>BRITISH ISLANDS.</b>																								
Sumburgh Head	30.04	46	SE	3	c	30.03	-.01	44	42	- 3	SSE	3	o	5	c	#	#	49	41	—				
Stornoway ...	29.84	54	SW	4	o	29.77	-.12	49	48	- 1	SE	3	b	3	o	2.6	#	56	41	—				
Wick ...	29.96	44	SE	4	c	29.93	+ .01	45	42	- 1	SE	5	o	3	c	#	#	52	42	—				
Nairn ...	29.89	56	SW	1	m	29.89	-.08	48	45	- 3	SSW	2	bm	1	m	#	#	66	37	—				
Aberdeen ...	30.06	43	SSE	3	c	30.01	-.06	44	42	0	SE	3	og	4	0.1c	#	#	47	41	—				
Leith ...	29.96	50	Z	0	b	29.93	-.11	46	43	0	E	3	b	#	b	#	#	58	37	—				
Shields ...	30.04	45	ESE	4	b	30.00	-.08	42	40	- 1	SE	3	o	3	bm, b	#	#	54	36	—				
Spurn Head ...	30.04	45	E	3	bv	29.96	-.13	45	44	0	NNE	2	cv	3	bv, o	#	#	47	42	—				
York ...	30.03	54	ESE	1	b	29.99	-.11	43	41	0	E	1	o	#	b	#	#	58	35	—				
Loughborough ...	30.02	58	SE	1	b	29.99	-.12	43	41	+ 3	ESE	1	cmv	#	b	#	#	60	28	—				
<b>GERMANY &amp; HOLLAND.</b>																								
Ardrossan ...	29.95	50	W	2	bc	29.86	-.16	50	46	+ 1	NE	2	bm	1	bc	#	#	56	41	—				
Malin Head ...	29.84	54	S	5	o	29.65	-.24	50	46	+ 2	SSE	7	b	3	om	#	#	56	45	—				
Belmullet ...	29.79	53	SSW	3	o	29.54	-.29	53	51	+ 2	SE	5	o	#	co	#	#	56	50	0.01				
Donaghadee ...	29.96	48	SSE	5	o	29.84	-.17	48	46	- 1	SE	6	m	4	o	#	#	55	47	—				
Liverpool (Bliston)	29.99	57	SSE	2	b	29.92	-.14	46	42	- 1	E	3	b	3	b	#	#	59	39	—				
<b>FRANCE &amp; BELGIUM.</b>																								
Holyhead ...	30.00	50	SW	1	o	29.85	-.19	51	47	+ 3	S	4	bm	2	c, o	#	#	56	42	—				
Parsonstown ...	29.88	51	SE	2	o	29.69	-.24	48	46	- 2	SE	4	o	#	o	0.5	#	60	37	—				
Valencia ...	29.80	53	SE	5	o	29.49	-.36	53	52	- 1	SE	6	omv	5	c, ogm	2.0	#	57	53	0.07				
Roche's Point ...	29.88	50	SSE	6	rm	29.65	-.30	50	49	0	S	7	o	5	rm	#	#	51	49	0.01				
Pembroke (St. Ann's Hd.)	29.98	49	SSE	3	b	29.82	-.21	47	45	+ 1	SSE	6	bm	4	o	10.1	#	51	44	—				
<b>GERMANY &amp; HOLLAND.</b>																								
Scilly ...	29.97	51	SSE	4	c	29.76	-.23	51	49	+ 1	SE	6	c	4	c	11.0	#	54	47	—				
Prawle Point ...	30.08	47	S	1	b	29.89	-.16	46	42	- 2	E	4	o	3	b, d	#	#	49	42	0.01				
Jersey (St. Aubin's)	30.01	50	NNE	2	om	29.92	-.13	48	43	0	ESE	4	c	3	om	#	#	50	35	—				
Hurst Castle ...	30.02	49	SW	2	bv	29.94	-.12	50	42	+ 4	ENE	2	b	2	bv	#	#	54	42	—				
Dungeness ...	29.98	49	NE	3	cv	29.94	-.10	47	44	0	NE	2	c	1	cv	#	#	49	34	—				
<b>FRANCE &amp; BELGIUM.</b>																								
North Foreland	30.01	47	NE	3	bc	29.95	-.12	45	43	0	NNE	2	o	2	o, bc, b	#	#	48	43	—				
London (Bliston) ...	30.04	52	SE	2	bcv	29.97	-.12	44	42	+ 1	ESE	1	o	#	bcv, b	5.8	#	55	34	—				
Oxford ...	30.03	45	E	2	b	29.97	-.11	40	40	- 4	ESE	1	og	#	b	#	#	55	33	—				
Cambridge ...	30.03	52	NNE	1	b	29.98	-.12	43	42	0	ENE	1	o	#	b	7.1	#	57	33	—				
Yarmouth ...	30.03	47	NE	3	bcv	29.96	-.12	45	43	0	NNW	2	cg	3	c, bcv	#	#	50	42	—				
<b>GERMANY &amp; HOLLAND.</b>																								
Cuxhaven ...	29.90	47	NNE	2	c	29.87	-.09	45	45	0	S	1	bc	#	c	#	#	49	41	—				
Berlin ...	29.92	49	NNE	3	o	29.82	-.11	47	46	+ 1	SE	3	r	#	o	#	#	54	46	0.08				
Wiesbaden ...	#	#	#	#	#	29.85	-.10	48	44	0	N	2	c	#	#	#	#	55	46	—				
Munich ...	29.74	45	NE	2	o	29.74	-.08	43	43	0	NNW	3	r	#	o	#	#	50	43	0.47				
The Helder ...	30.04	45	NNE	4	c	29.95	-.14	45	43	- 1	NNE	3	c	2	c	#	#	50	43	0.04				
<b>FRANCE &amp; BELGIUM.</b>																								
Brussels (9 a.m.) ...	#	#	#	#	#	29.94	-.11	45	?	+ 3	NE	2	c	#	o	#	#	50	41	—				
Cape Gris Nez ...	29.97	46	NE	4	c	29.92	-.09	46	43	0	NE	2	c	1	c	#	#	52	45	—				
Paris ...	29.94	48	NNE	3	c	29.93	-.06	45	43	+ 1	N	2	o	#	c	#	#	52	38	—				
Brest ...	?	54	NNW	2	c	?	?	48	46	0	SE	3	bc	3	c	#	#	59	45	—				
Lorient ...	29.99	55	WNW	3	c	29.91	-.12	46	44	- 1	ESE	4	c	3	c	#	#	61	43	—				
<b>FRANCE &amp; BELGIUM.</b>																								
Rocheport ...	29.94	56	NNE	4	o	29.95	-.07	48	46	- 1	ESE	3	c	#	o	#	#	59	43	—				
Belfort ...	?	50	NE	3	c	?	?	48	46	- 2	NNE	2	c	#	c	#	#	55	44	0.08				
Lyons ...	29.73	50	NNW	3	r	29.84	+ .07	43	40	- 6	WNW	4	o	#	r	#	#	57	42	0.04				
Nice ...	29.50	52	SW	1	c	29.57	+ .07	55	52	+ 4	Z	0	bc	#	c	#	#	57	48	—				
Perpignan ...	29.80	55	NNW	4	o	29.78	-.01	52	47	+ 1	NNW	6	b	#	o	#	#	68	50	—				
Biarritz ...	29.98	55	W	4	bc	29.92	-.06	53	50	+ 2	WSW	2	b	2	bc	#	#	57	48	—				
<b>PENIN- SULA.</b>																								
Corunna ...	29.88	59	W	5	o	29.78	-.26	62	56	+ 7	WSW	6	o	3	o	#	#	62	52	0.04				
Lisbon ...	30.09	52	WSW	3	o	30.02	-.08	58	57	0	SW	4	o	#	o	#	#	64	51	—				
Azores (P. Delgada)	29.99	58	WNW	2	o	30.05	+ .01	57	51	- 3	W	4	bc	3	o	#	#	64	54	0.12				

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR

SUNDAY, 22<sup>nd</sup> April, 1894.

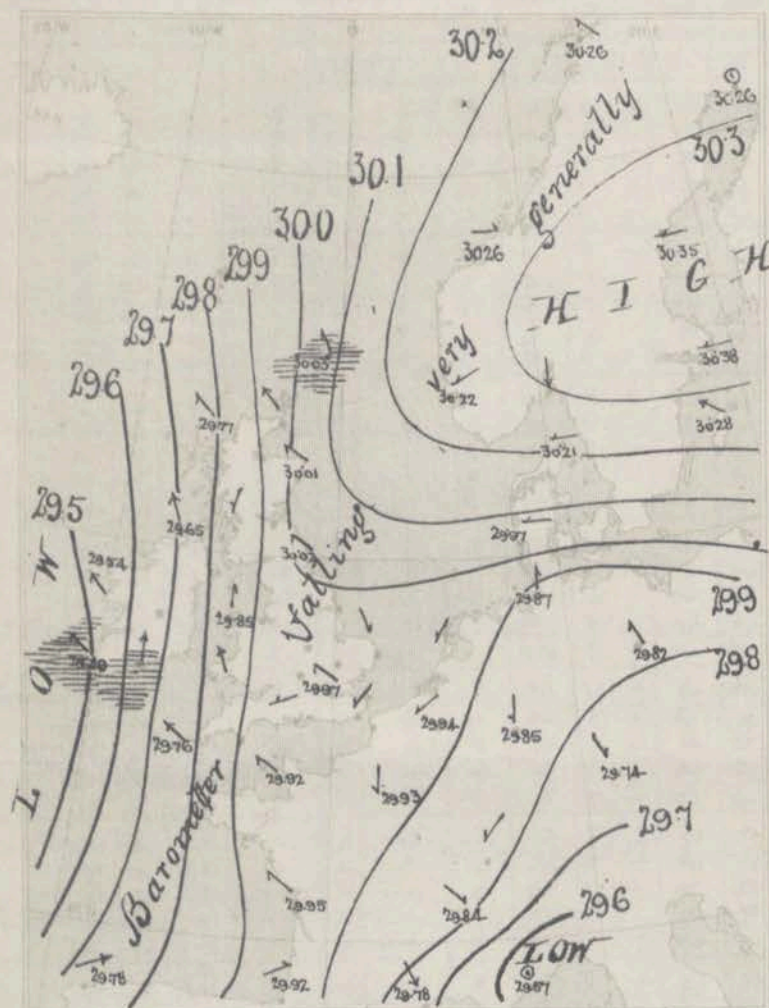
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Force 3 to 4 → : Force 1 to 2 → : Calm ☉

SEA—Rough ☼ : High ☼

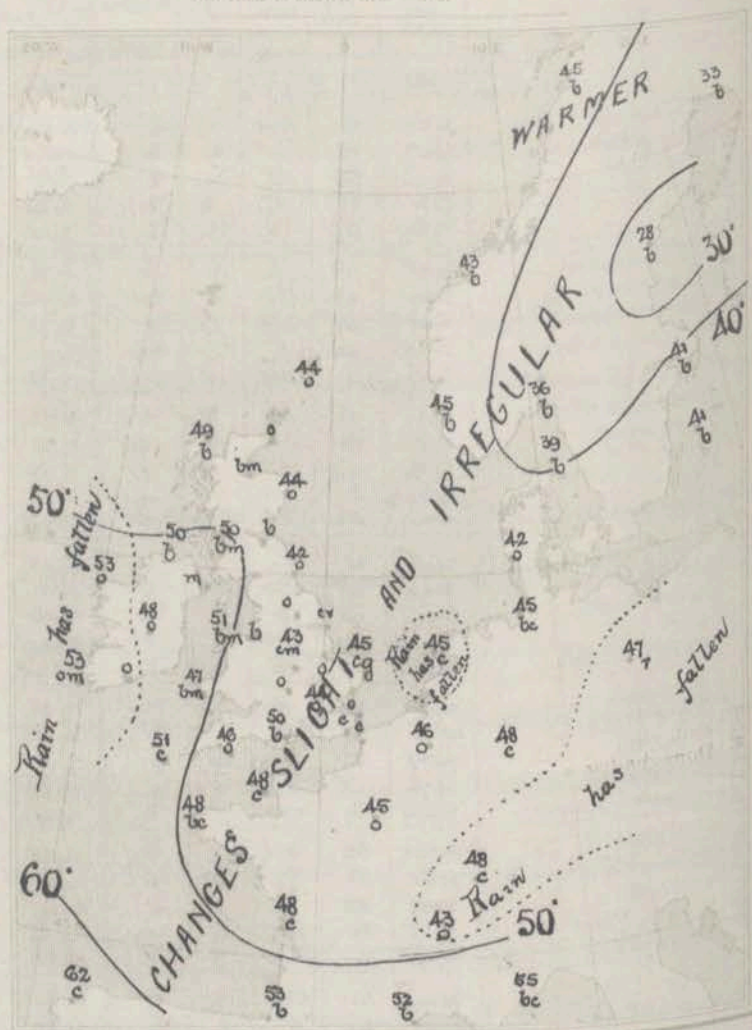


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.5.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE (20 years 1871-90). (Inches.)	TEMPERATURE (20 years 1871-90).				RAINFALL (25 years 1866-90). (Inches.)	BRIGHT SUNSHINE (110 years 1881-90).	
		Dry Bulb ° Fahr.	Wet Bulb ° Fahr.	Daily Maximum	Daily Minimum		Hours	Per cent. of possible
Southport Head	29.840	41.7	40.2	46.6	30.7	2.07	152.3	30
Southport	29.824	43.8	42.3	48.9	37.2	2.05	—	—
Wick	29.848	43.1	41.2	48.9	36.9	1.88	—	—
Nairn	29.848	42.7	40.4	50.9	37.3	1.26	140.0	30
Aberdeen	29.878	43.2	40.7	49.3	38.0	2.16	—	—
Leith	29.863	44.1	41.7	52.0	37.9	1.57	—	—
Shields	29.866	43.3	41.4	49.0	38.6	1.80	—	—
Spurn Head	29.873	44.0	42.3	48.4	40.3	1.45	128.0	30
York	29.873	43.8	41.6	53.8	37.7	1.23	—	—
Loughborough	29.870	44.3	42.1	55.1	38.1	1.78	—	—
Arundel	29.837	44.4	42.1	51.6	39.3	2.14	—	—
Doncaster	29.850	44.4	42.9	51.0	40.0	1.92	—	—
Holyhead	29.857	45.8	43.8	51.4	42.0	1.96	—	—
Liverpool	29.867	45.0	42.1	52.6	40.4	1.55	—	—
Manchester	29.864	45.0	42.0	51.0	38.0	2.04	158.0	30
Cardiff	29.854	46.2	43.6	53.9	42.8	3.83	109.5	30
Black's Point	29.871	40.8	41.5	53.7	42.1	3.24	—	—
Woolwich	29.892	45.2	43.4	50.4	41.9	1.94	182.0	30
Swale	29.890	45.0	40.0	52.1	44.7	2.27	—	—
Princes Point	29.876	46.2	44.0	51.9	40.7	2.07	—	—
Jersey	29.872	48.5	45.0	54.2	43.5	2.08	187.0	30
Humbly Grove	29.871	45.5	44.2	52.1	43.0	1.80	—	—
Dover	29.861	46.3	44.0	51.1	43.5	1.77	—	—
LONDON	29.878	46.1	43.2	56.0	39.7	1.84	124.5	30
Gravelly	29.884	46.4	42.4	54.0	38.9	1.78	111.2	30
Canterbury	29.889	45.2	43.0	53.5	37.3	1.69	107.2	30
Yarmouth	29.844	44.3	42.9	49.3	38.9	2.79	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, (1) 30.3 in. and more to 30.0 in. in an anticyclone spreading from northern Europe across the North Sea to our northeast coasts; (2) 30.0 in. and more to 29.9 in. over the greater part of Spain; (3) exceeding 29.9 in. in a "Col" uniting the two systems lying over the west and north of France and greater part of England.

Lowest, (1) below 29.6 in. in a complex depression over Southern Europe; (2) below 29.5 in. off the west of Ireland.

Gradients somewhat steep for E winds over the Baltic and for S winds over Ireland; moderate to light, and of mixed character elsewhere.

Barometer falling decidedly over our western districts, and the fall spreading eastwards.

Highest 62° to 58° in the western part of the Iberian Peninsula, 51° at Lally and Holyhead, 53° to 50° on the west coast of Ireland.

Lowest 28° at Humber, 33° at Haparanda, 40° at Oxford, 43° at Cambridge, Loughborough and York.

Maxima recorded yesterday exceeded 60° at a few of our northern and northwestern stations and in Portugal — but fell short of 50° on our southeastern coasts. The night was very sharp over our inland countries.

## TEMPERATURE

## WIND

(1) Very light and variable over England; NE<sup>2</sup> to NW<sup>2</sup> over France.

(2) SE over the Bay of Biscay, Ireland, and Scotland, and blowing strongly in places, (a gale at Rock Point).

(3) E over the southern part of Scandinavia and the eastern shores of the North Sea.

The SE wind apparently increasing decidedly in force over Ireland.

## WEATHER

Fine and bright over Scandinavia and many parts of our islands and the south of France. Cloudy and rather unsettled elsewhere — very dull in the west and south of Ireland.

Rain has again fallen over Germany and southern Europe, but except at Munich the amounts reported are small.

## SEA

Rather rough and rising on our western and extreme northern coasts, slight or smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the far west is moving eastwards.

## FORECASTS

For the 24 hours ending at NOON on 22<sup>nd</sup> April 1894.

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

- 7 SCOTLAND WEST
- 8 ENGLAND N.W.
- 9 ENGLAND S.W.
- 10 IRELAND NORTH
- 11 IRELAND SOUTH

### WARNINGS

None issued.

None issued.

At 7.15 pm yesterday to district 10, and parts of 0 and 9, and at 9.30 am today to districts 1, 6, 7, 8, and remainder of 0 and 9. Hoist South Cone.

The South Cone, when hoisted, means that gales or strong winds are probable, at first from the Southward, from S.E. round by S. to N.W. Should it appear likely that a gale beginning from between W. and N.W. is likely to come towards S. or S.E., the South Cone is hoisted in preference to the North Cone.

The North Cone, when hoisted, means that gales or strong winds are probable, at first from the Northward, from N.W. round by N. to E. Should it appear likely that a gale beginning from between E. and S.E. is likely to come towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Direc.						Dry.	Wet.	Direc.			
Skudesnaes ...	30.23	48	41	SE	2	o	2	Valencia ...	29.83	50	53	SSE	5	c	5
Sumburgh Head ...	30.03	47	44	SE	3	c	4	Scilly ...	29.99	54	51	SSE	4	c	3
Stornoway ...	29.87	53	50	S	4	o	4	Jersey ...	30.04	49	46	NNE	3	o	2
Aberdeen ...	30.06	46	43	SSE	4	og	4	Hurst Castle ...	30.03	54	43	E	1	o	2
Shields ...	30.05	47	45	SE	4	bm	2	Dungeness ...	30.01	49	45	NE	3	c	3
Ardrossan ...	29.97	52	50	WNW	2	bc	2	North Foreland ...	30.03	47	45	NNE	4	o	#
Malin Head ...	29.85	50	50	S	5	o	2	London (Westminster) ...	30.04	53	45	ENE	3	bc	3
Belmullet ...	29.82	50	54	SW	3	c	#	Yarmouth ...	30.06	49	46	NE	3	c	#
Holyhead ...	30.02	52	48	SW	3	cm	2	Rocheport ...	29.92	50	53	N	4	c	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over northern Europe, Scotland, and the north of England, cloudy or overcast elsewhere; unsettled over southeastern Europe and the Mediterranean, with rain in places. Rain falling later in several parts of southern and central Europe (0.5 in. at Munich), and a little at several of the Irish stations; remaining dry over England, but cloudy over the eastern and southeastern counties.

Temperature changing very little. Morning readings highest 68° at Malta, 65° at Patras, 62° at Rhindini, above 50° over southeastern and southern Europe generally, as well as in the Scilly Islands, Scotland, and Ireland. Lowest 24° at Archangel, 23° at Moscow, 30° to 32° over Finland, and 39° at Bodo. Rising later to 60° or more at some of our northwestern and northern stations, but failing to reach 50° on our southeast coast, exceeding 60° over Spain and 70° over Italy and Algeria.

Wind (1) E on all the northern coasts, and strong in several places. S, moderate to fresh over Ireland, the Irish Sea, and west of Scotland; NE over northern France, NW in the south; NW, strong over the western part of the Mediterranean, S and SW over Tunis and Sicily, SE to E over the Adriatic. Very light and variable over Central Europe. Increasing from SE and S over Ireland later, and becoming strong over southeastern Europe, but moderating over the western parts of the Mediterranean.

Barometer highest 30.5 in. and more to 30.1 in. in an anticyclone over northern Europe; 30.1 in. and more to 30.0 in. over Spain and Portugal, and exceeding 30.0 in. over Asia Minor and the Grecian Archipelago. Lowest (1) 29.3 in. and less, in a deep depression over the northwestern parts of Italy and Corsica; (2) below 29.8 in. over the south of Russia; (3) below 29.9 in. over the west of Ireland, and still lower over the Atlantic. Southern depression moving northwards later; barometer falling over Ireland.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.  
„ Weekly „ „ „ £1 10 0 „



# DAILY WEATHER REPORT

for 8 a.m. on

Monday, 23<sup>rd</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.		Weather		BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			Rainfall.	
							At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Weather.	Max.	Min.		
	Inch.	°				Inch.	Inch.	°	°	°						°	°	Inch.			
SCANDINAVIA.																					
Haparanda ...	30.24	29	2	0	b	30.42	+ 16	28	27	- 5	SSW	2	0	#	b	#	43	23	-		
Hernösand ...	30.33	26	2	0	b	30.40	+ 05	34	33	+ 6	L	0	b	#	b	#	46	23	-		
Stockholm ...	30.32	34	E	2	b	30.27	- 11	45	38	+ 4	E	4	b	#	b	#	45	28	-		
Wisby ...	30.21	37	SE	4	b	30.15	- 13	44	38	+ 3	SE	4	b	#	b	#	46	32	-		
Bodo ...	30.30	45	2	0	b	30.26	- 00	45	44	+ 3	E	2	b	0	b	#	50	45	-		
BRITISH ISLANDS.																					
Christiansund ...	30.16	47	NNE	1	b	30.09	- 17	46	39	+ 3	SE	3	b	2	b	#	48	41	-		
Skudesnaes ...	30.11	46	W	2	b	29.97	- 25	46	38	+ 1	ENE	4	c	2	b	#	54	37	-		
Færder (Christiania Fjord)	30.18	46	NNE	4	b	30.13	- 18	39	36	+ 3	NNE	6	c	2	b	#	46	36	-		
Skagen (The Scaw)	30.08	45	E	3	c	29.99	- 22	41	39	+ 2	ESE	4	o	1	c	#	48	36	-		
Fanø ...	29.87	44	E	4	t	29.79	- 18	44	44	+ 2	E	4	t	#	t	#	46	37	0.28		
Sumburgh Head	29.94	44	SE	4	o	29.87	- 16	45	42	+ 1	SE	3	b	5	o	#	45	43	-		
Stornoway ...	29.68	53	SE	3	b	29.61	- 16	48	47	- 1	SE	4	b	4	b, b	#	47	40	-		
Wick ...	29.85	44	SE	7	o	29.77	- 16	46	44	+ 1	SE	6	c	4	o	#	46	42	-		
Nairn ...	29.77	48	SSE	3	b	29.69	- 20	48	44	0	SE	2	c	1	b	#	39	36	-		
Aberdeen ...	29.90	43	SE	4	o g g	29.75	- 26	43	42	- 1	SE	4	o g g	5	o g g, t	#	48	42	0.07		
Leith ...	29.82	50	ESE	3	c	29.67	- 26	45	43	- 1	E	3	t	#	c	#	55	44	0.01		
Shields ...	29.87	45	ESE	3	c	29.68	- 32	44	42	+ 2	ESE	2	o	3	c, t	#	47	44	0.04		
Spurn Head ...	29.81	45	E	3	cv	29.67	- 29	45	44	0	SE	2	ov	4	cvp	#	48	40	0.03		
York ...	29.83	46	E	1	o	29.68	- 31	44	42	+ 1	ESE	1	o	#	o	#	50	42	-		
Loughborough ...	29.80	49	ESE	2	c	29.67	- 32	44	42	+ 1	ESE	2	o	#	c	#	53	36	-		
GERMANY & HOLLAND.																					
Ardrossan ...	29.70	54	E	4	b m	29.61	- 25	47	44	- 3	E	4	b m	2	b m	#	55	42	-		
Malin Head ...	29.61	53	SSE	7	b	29.48	- 17	44	42	- 6	SSE	6	o m t	3	b	#	57	40	-		
Belmullet ...	29.35	53	ESE	6	o	29.42	- 12	50	48	- 3	SE	3	c	#	o	#	54	48	0.03		
Donaghadee ...	29.67	49	ESE	6	b	29.59	- 25	45	43	- 3	ESE	7	c	5	b	#	53	44	-		
Liverpool (Bidston)	29.73	49	ESE	4	b	29.61	- 31	46	42	0	ESE	3	c	4	b	#	54	44	-		
FRANCE & BELGIUM.																					
Holyhead ...	29.66	55	SSE	4	b c m	29.55	- 30	48	45	- 3	ESE	1	t g	0	b c m	#	?	44	-		
Parsonstown ...	29.47	50	SE	4	o	29.50	- 19	48	45	0	SE	1	c	#	o, g	0.0	55	44	-		
Valencia ...	29.15	52	ESE	8	t m u	29.47	- 02	48	45	- 5	S	3	b c p	4	t m u	0.0	57	46	0.48		
Roche's Point ...	29.41	50	SSE	8	t	29.50	- 15	50	48	0	SW	2	b	4	t	#	57	45	0.20		
Pembroke (St. Ann's Hd.)	29.61	49	SSE	6	c	29.50	- 32	48	47	+ 1	SW	3	o g	5	b, c, t	10.7	52	45	0.40		
Seilly ...	29.51	50	ESE	7	m	29.52	- 24	51	49	0	WNW	3	c	6	m	2.5	54	47	0.42		
Prawle Point ...	29.67	48	SE	5	c	29.48	- 41	50	49	+ 4	S	1	o	2	c, t g	#	50	43	0.10		
Jersey (St. Aubin's)	29.72	53	SSE	4	c g	29.54	- 38	50	49	+ 2	SSE	3	o m t	3	b, c g t	#	54	47	0.22		
Hurst Castle ...	29.82	51	SE	3	c	29.57	- 37	51	48	+ 1	SE	3	o	2	c	#	54	48	-		
Dungeness ...	29.81	49	E	3	b	29.63	- 31	49	46	+ 2	SE	3	o	2	b	#	54	45	-		
GERMANY & HOLLAND.																					
North Foreland	29.52	47	NE	2	b	29.67	- 78	48	46	+ 3	SE	3	o g	3	b	#	50	43	-		
London (Brixton) ...	29.78	52	SE	3	b c	29.64	- 33	50	44	+ 6	ESE	3	c g	#	b, c, o	3.3	56	44	-		
Oxford ...	29.76	46	ESE	2	o	29.63	- 24	46	43	+ 6	ESE	3	o g	#	o	#	51	40	-		
Cambridge ...	29.80	50	ENE	1	c	29.67	- 31	45	44	+ 2	ENE	2	o g	#	c	#	55	34	-		
Yarmouth ...	29.84	47	ENE	2	b c	29.70	- 26	45	43	+ 1	E	2	c	3	p, b c	#	49	41	0.03		
FRANCE & BELGIUM.																					
Cuxhaven ...	29.85	44	ENE	4	o	29.73	- 14	44	43	- 1	S	1	f	#	o	#	49	43	0.04		
Berlin ...	29.81	47	NE	2	t	29.82	- 00	44	43	- 3	SE	2	t	#	t	#	50	43	0.35		
Wiesbaden ...	#	#	#	#	#	29.74	- 11	51	48	+ 3	N	1	c	#	#	#	57	45	-		
Munich ...	29.80	45	SW	2	o	29.75	+ 01	44	45	+ 1	E	3	o	#	o	#	46	44	0.20		
The Helder ...	29.84	46	WNW	1	c	29.76	- 19	45	44	+ 1	SW	1	b c	1	c	#	48	44	-		
FRANCE & BELGIUM.																					
Brussels (g.m.) ...	#	#	#	#	#	29.71	- 23	47	43	+ 1	WNW	1	b	#	o	#	53	39	-		
Cape Gris Nez ...	29.80	48	NE	1	o	29.68	- 29	46	42	0	SE	2	o	1	o	#	54	41	-		
Paris ...	29.80	50	ENE	2	b	29.65	- 28	47	42	+ 2	ESE	1	b	#	b	#	57	40	-		
Brest ...	?	51	S	5	t	?	?	50	49	+ 2	WNW	2	c	4	t	#	59	45	0.35		
Lorient ...	29.69	53	SSE	5	o	29.56	- 35	50	48	+ 4	WNW	3	c	2	o	#	57	45	0.24		
FRANCE & BELGIUM.																					
Rochefort ...	29.81	57	E	1	b	29.63	- 32	51	50	+ 3	N	5	t	#	c b	#	68	46	0.20		
Belfort ...	?	52	E	2	c	?	?	49	45	- 3	SE	4	b c	#	c	#	55	45	-		
Lyons ...	29.78	53	WNW	1	b	29.69	- 15	46	42	+ 3	SW	1	b	#	b	#	57	37	-		
Nice ...	29.64	57	SW	2	b c	29.71	+ 14	54	51	- 1	W	1	b c	1	b c	#	68	46	-		
Perpignan ...	29.74	62	NE	1	b	29.63	- 15	54	52	+ 2	NE	1	o	#	b	#	67	42	-		
Biarritz ...	29.71	61	NNE	2	b	29.68	- 24	51	50	- 2	WNW	6	t	3	b	#	66	50	0.28		
PENIN- SULA.																					
Corunna ...	#	#	#	#	#	29.71	- 23	47	43	+ 1	WNW	1	b	#	o	#	53	39	-		
Lisbon ...	29.93	55	WNW	3	b	30.04	+ 02	55	50	- 3	WNW	4	b c	#	b	#	61	50	0.20		
Azores (p. Delgada)	30.23	54	WNW	4	b c	30.15	- 00	57	53	0	WNW	3	c	4	b c	#	61	54	-		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR

MONDAY, 23<sup>rd</sup> APRIL, 1894.

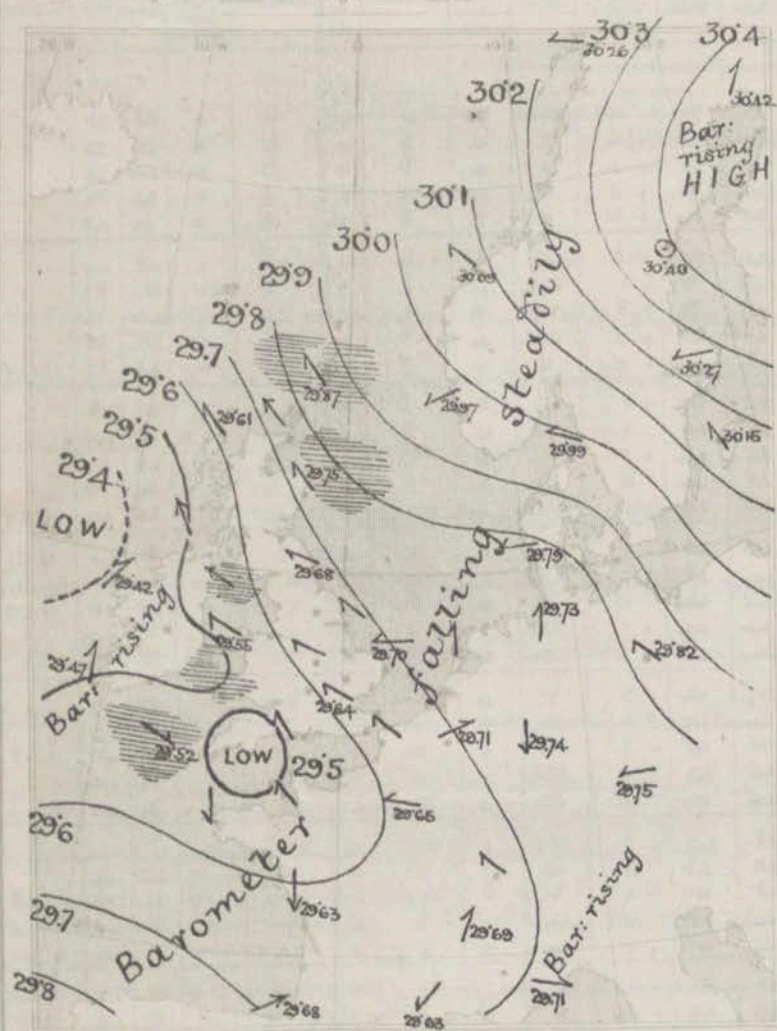
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉  
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough → : High →

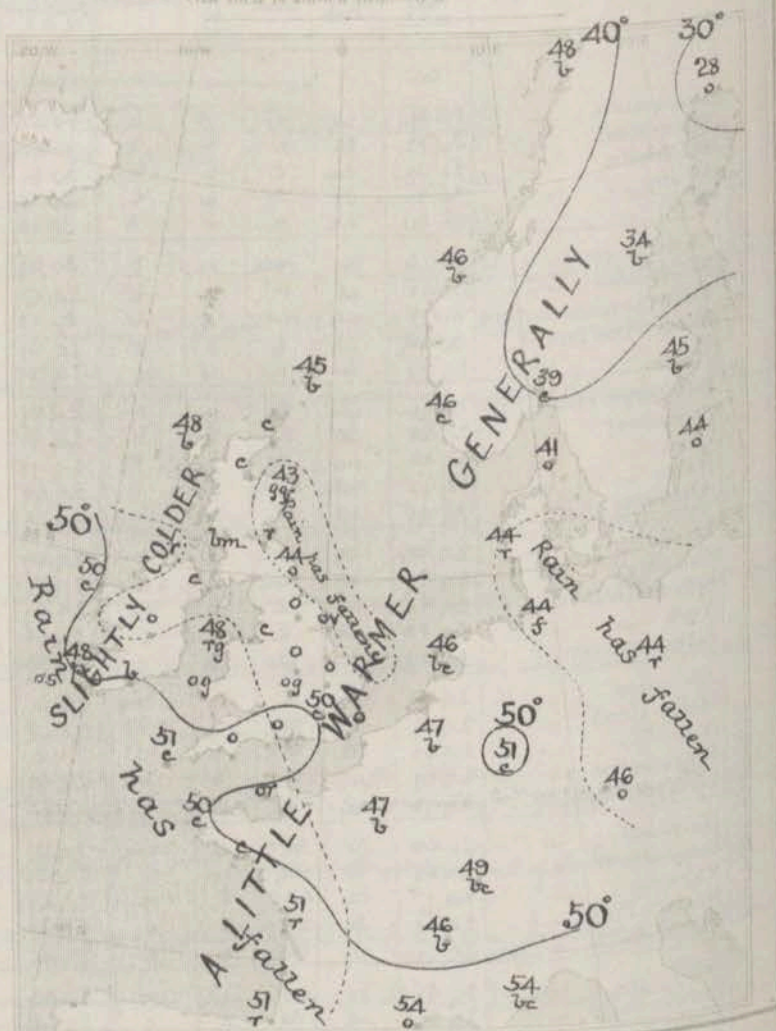


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RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus: 0.5.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE (20 years 1871-90). (Inches.)	TEMPERATURE (20 years 1871-90).				RAINFALL (25 years 1866-90). (Inches.)	BRIGHT SUNSHINE (10 years 1881-90).	
		Dry Bulb ° Fahr.	Wet Bulb ° Fahr.	Daily Maximum	Daily Minimum		Hours.	Per cent. of possible.
Sunderland Head	29.840	41.7	40.2	46.0	36.7	2.07	152.3	34
Stornoway	29.824	43.8	42.3	48.0	37.3	2.45	—	—
Wick	29.815	43.1	41.2	48.0	36.0	1.68	—	—
Nairn	29.814	42.7	40.4	50.0	37.3	1.26	143.0	34
Aberdeen	29.808	43.2	40.7	49.3	38.0	2.16	—	—
Leith	29.803	44.1	41.7	52.0	37.0	1.57	—	—
Shields	29.805	43.5	41.4	49.0	38.6	1.80	—	—
Spurs Head	29.803	44.0	42.3	48.4	40.3	1.45	—	—
York	29.803	43.8	41.6	53.5	37.7	1.75	128.0	—
Loughborough	29.879	44.4	42.1	55.1	38.1	1.78	—	—
Artesian	29.807	44.4	42.1	51.5	39.5	2.14	—	—
Bombach	29.809	44.6	42.0	51.0	40.0	1.92	—	—
Holyhead	29.807	45.8	43.8	51.4	42.0	1.96	—	—
Liverpool	29.807	45.0	42.1	52.4	40.4	1.55	—	—
Perth	29.804	45.0	42.5	54.6	38.0	2.04	150.0	41
Valencia	29.804	45.2	43.6	53.5	42.8	3.86	160.0	—
Bomb's Point	29.801	46.8	44.5	54.7	42.1	3.24	—	—
Pembroke	29.802	45.2	43.4	50.4	41.0	1.94	182.0	—
Scilly	29.801	48.6	46.6	52.1	41.7	2.27	—	—
Brace's Point	29.870	46.0	44.0	51.0	40.7	2.02	—	—
Jersey	29.872	48.5	45.9	54.2	43.5	2.08	167.5	—
Humbly Grove	29.871	47.5	44.2	52.1	41.0	1.84	—	—
Princes	29.864	46.5	44.0	51.3	41.6	1.77	—	—
LONDON	29.875	46.1	43.2	50.0	38.7	1.64	124.3	34
Oxford	29.884	45.4	42.1	54.0	38.0	1.78	141.2	—
Cambridge	29.881	45.2	42.0	53.8	37.3	1.60	147.3	—
Yarmouth	29.872	44.7	42.0	49.4	38.0	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, (1) 30.4 in: and more to 30.0 in: over Ireland and Scandinavia; (2) 30.0 in: to 29.7 in: over the Spanish Peninsula.  
 Lowest, Below 29.4 in: off the northwest of Ireland, and below 29.5 in: in two small secondary systems one over the southeast of Ireland, the other in the eastern part of the English Channel.  
 Gradients moderate to slight and very irregular.  
 Barometer rising in the southwest, steady in the southeast, falling in the north.

## TEMPERATURE

Highest, 55° at Dublin, 51° to 50° in the west of France and south of England; 51° at Wiesbaden also.  
 Lowest, 28° at Haparanda, 34° at Hamöland, 43° at Aberdeen, 44° at Loughborough.  
 The thermometer failed to reach 60° at any of our stations yesterday, but touched 59° at Navin, 57° at Malin Head and 56° in London.  
 The night was cold inland.

## WIND

SE<sup>3</sup> to E<sup>3</sup> over all the eastern and northern parts of our area — moderate in most places, but strong and squally over the northern part of Scotland, Ireland and the Bay of Biscay and Spain, and strong, in places.  
 S. light, in the south of Ireland, NW at the mouth of the English Channel, NW to W over the Bay of Biscay and Spain, and strong, in places.  
 SE<sup>2</sup> gales were experienced yesterday on the Irish coast, and very strong squally winds at Kelly and Pembroke.

## WEATHER

Cloudy, over Great Britain and the north of Ireland generally, squally in the east of Scotland, rainy in the north of Ireland.  
 On our southwest coasts it is fair as a whole, but not settled. Rain is falling at Balm and Taro.  
 A considerable fall of rain has occurred at our southwestern stations and in the west of France, and slight showers in the north.  
 Some rain has fallen in Germany also.

## SEA

Rough at Selly, and rather rough on our western and northern coasts generally, moderate to slight elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The well-marked depression which had reached the southwest of Ireland yesterday has broken up completely, and is passing off. There are, however, indications of the approach of a new system shortly.

## FORECASTS

For the 24 hours ending at NOON on 24<sup>th</sup> April, 1894.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SE <sup>2</sup> winds, squatty, gloomy, rain at times, then more moderate.	1 SCOTLAND WEST	Same as Nos 0 and 1.
2 SCOTLAND EAST		2 ENGLAND N.W.	
3 ENGLAND N.E.	Same as No 5.	3 ENGLAND S.W.	Variable breezes; rain at times, thunder locally.
4 ENGLAND EAST		4 IRELAND NORTH	SW <sup>2</sup> breezes, force doubtful; rain at times, thunder locally.
5 MIDLAND COUNTIES		5 IRELAND SOUTH	
6 ENGLAND SOUTH	SE <sup>2</sup> and E <sup>2</sup> winds, moderate; cloudy, rainy at times.	WARNINGS	The signals have been lowered this morn <sup>g</sup> in districts 2, 3, and 5, but are still flying on our other coasts.

The South Cone, when depressed (1), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is indicated in preference to the South Cone.  
 The North Cone, when depressed (2), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is indicated in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.16	53	41	SSW	2	6	2	Valencia ...							
Sumburgh Head								Scilly ...						6	3
Stornoway ...	29.72	57	57	SE	4	6	4	Jersey ...	29.83	52	46	SE	4		
Aberdeen ...								Hurst Castle ...						6	2
Shields ...								Dungeness ...	29.86	53	47	ESE	3	6	2
Ardrossan ...								North Foreland	29.87	49	45	NE	2		#
Malin Head ...	29.54	56	48	SSE	8	6	4	London (Westminster)							
Belmullet ...	29.44	53	60	ESE	6	0	#	Yarmouth ...							
Holyhead ...								Rocheport ...	29.86	60	54	2	0		#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

*Weather fine in many of the western and northern parts of Great Britain but cloudy or overcast in Ireland, as well as in the eastern and central parts of the United Kingdom. Fine and bright at most of the Scandinavian and Russian stations, but snow falling at Archangel. Dull in most other Continental countries, with rain at Munich, Lombard and Niedersieff, as well as at Pesaro; fine in the south of France. Rain falling later in the southwest of our Islands and the west of France, as well as in Germany and the eastern parts of Great Britain.*

*Temperature changed little and irregularly. Morning readings, highest 65° at Algiers, 64° at Constantinople, 63° at Arax, and 62° at Coronna, above 55° in most parts of southern Europe, and above 50° on our own extreme western and southwestern coasts. Lowest 19° at Archangel, 28° at Harnissand, 29° at Moscow, and 33° at Haparanda, St. Petersburg and Kharkov. Daily maxima below 55° in most parts of the United Kingdom, but thermometer reaching 59° at Malin Head, and 59° at Naum, exceeding 65° in the west and south of France. Ground frost occurring at night over the inland part of England.*

*Wind SE<sup>4</sup> in all the more western and northern parts of the United Kingdom, and also in the west of France and strong in force in Ireland and the southwest of England; SW<sup>4</sup> on the Portuguese coasts. Moderate to fresh from the E<sup>4</sup> over Denmark, the Baltic and the south of Scandinavia, light from the N<sup>4</sup> or NE<sup>4</sup> over the east and south of England, the Netherlands and the northeast of France; fresh from the NW<sup>4</sup> in the south of France and from the SW<sup>4</sup> or S<sup>4</sup> in Italy. Variable over the northern parts of Scandinavia and Russia. Subsequently increasing to a moderate to fresh gale from the SE<sup>4</sup> in Ireland and the southwest of England, no important change occurring elsewhere.*

*Barometer highest 30.4 ins and upwards over central Russia and the Gulf of Finland, 30.1 ins and upwards in an anticyclone covering nearly the whole of Russia and Scandinavia. Lowest 29.5 ins and less in a depression lying to the SW. of Ireland, 29.6 ins and less in two other disturbances - one lying over the Gulf of Genoa and the other over Austria and the N<sup>4</sup> part of the Adriatic. Atlantic depression subsequently advancing steadily E<sup>4</sup>, barometer falling in all part of western Europe, - quickly on our southern coasts.*

### SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 15<sup>TH</sup> TO 21<sup>ST</sup> APRIL 1894.

*During the earlier part of this week the distribution of pressure over our Islands was of a very complex character. It commenced with the arrival over our western coasts of two depressions from the Atlantic, these subsequently developed into a very complex system, which at 6 p.m. on Monday lay from W. to E. over the Kingdom. The eastern of the two minima moved northwards to Scotland, and finally away still further to the northward, while the western one travelled southwards to the southwest of England by the morning of Tuesday, to the north of France by the following morning, and finally dispersed over western Germany on Thursday. The weather therefore was changeable; rain fell in considerable quantities - especially in the west, thunderstorms occurred in many localities, and temperature varied greatly. Towards the close of the week a cold advanced slowly from the westward and on Saturday it lay directly over St. Britain. The nights were sharp inland, but SE<sup>4</sup> to S<sup>4</sup> winds were spreading over our western districts, with higher temperatures, while rather cold NE<sup>4</sup> and E<sup>4</sup> winds prevailed in the east and southeast.*

#### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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„ Weekly „ „ „ „ £1 10 0 „



# DAILY WEATHER REPORT

for 8 a.m. on Tuesday 24<sup>th</sup> April, 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																					
STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.	Force (0 to 12.)	Weather	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.	
							At 32° and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.				Min.			
		Ins.	°	Direc.			Ins.	Ins.	°	°	°						°	°	Ins.		
SCANDINAVIA.																					
Haparanda ...		30.34	28	Z	0	b	30.28	-.14	38	34	+ 10	WSW	2	b	#	b	#	36	21	—	
Hernösand ...		30.35	33	Z	0	b	30.28	-.12	40	39	+ 6	Z	0	b	#	b	#	52	25	—	
Stockholm ...		30.23	39	E	2	b	30.18	-.09	49	43	+ 4	SE	2	b	#	b	#	48	28	—	
Wisby ...		30.17	50	S	4	c	30.15	-.00	46	42	+ 2	S	4	0	#	c	#	52	34	—	
Bodo ...		30.19	47	E	2	b	30.08	-.18	48	39	0	E	2	b	#	b	#	55	41	—	
Christiansund ...		29.97	48	SSE	3	b	29.98	-.11	49	42	+ 3	SSW	1	b	#	b	#	57	45	—	
Skudesnaes ...		29.94	46	ESE	4	r	29.95	-.02	48	44	+ 2	ESE	2	0	#	0, r	#	48	41	?	
Færder (Christiania Fjord)		30.06	40	ENE	6	0	30.09	-.04	41	41	+ 2	NNE	4	r	#	0	#	46	37	0.32	
Skagen (The Seaw)		29.98	42	SE	2	0	30.03	+ .04	44	41	+ 3	ESE	2	0	#	0	#	46	39	0.12	
Fanø ...		29.86	46	ESE	4	c	29.90	+ .11	46	45	+ 2	E	4	b	#	c	#	61	43	0.24	
Sumburgh Head		29.83	43	ESE	4	0	29.73	-.14	45	44	0	SE	3	0	#	5	c, 0	#	48	42	0.04
Stornoway ...		29.60	49	SE	4	0	29.48	-.13	46	45	- 2	E	3	0	#	3	c, 0	#	53	36	—
Wick ...		29.69	44	SE	7	0	29.62	-.15	45	43	- 1	SE	7	0	#	4	0	#	48	41	0.02
Nairn ...		29.64	45	E	2	c	29.53	-.16	47	43	- 1	E	3	c	#	1	c	#	53	37	—
Aberdeen ...		29.70	43	SE	3	c	29.66	-.09	43	42	0	SE	4	0, p, g	#	5	agg, c	#	46	40	0.04
Leith ...		29.64	44	E	3	0	29.54	-.13	46	44	+ 1	ESE	3	0	#	0	#	47	42	—	
Shields ...		29.66	45	ESE	3	0	29.60	-.08	46	45	+ 2	ESE	3	0	#	3	be, 0, r	#	49	42	0.03
Spurn Head ...		29.64	47	ESE	4	0, v	29.64	-.03	51	50	+ 6	S	3	b	#	4	0, v, r	#	51	44	0.03
York ...		29.64	49	E	2	0	29.61	-.07	49	47	+ 5	SE	2	c	#	0	#	51	43	0.14	
Loughborough ...		29.62	50	SE	1	r	29.63	-.04	50	47	+ 6	SSE	3	b	#	r	#	55	44	0.12	
BRITISH ISLANDS.																					
Ardrossan ...		29.56	49	E	3	0, m	29.44	-.17	48	47	+ 1	ENE	4	0, m	#	2	0, m	#	50	43	0.17
Malin Head ...		29.49	46	ESE	4	0, r	29.57	-.21	46	44	+ 2	SE	6	0, m	#	3	0, r	#	46	43	0.10
Belmullet ...		29.43	53	SW	3	b	29.04	-.38	49	47	- 1	E	7	b	#	b	#	55	44	0.01	
Donaghadee ...		29.54	47	ESE	4	r	29.39	-.20	47	45	- 2	SE	6	0	#	4	r	#	48	44	0.07
Liverpool (Bilston)		29.59	46	SSE	2	r	29.49	-.12	46	44	0	SE	5	0	#	4	r	#	54	43	0.09
Holyhead ...		29.54	49	S	2	0, g	29.39	-.16	47	45	- 1	SE	6	0, g	#	4	r, 0, g	#	50	44	0.19
Parsonstown ...		29.47	54	Z	0	b	29.14	-.36	49	45	+ 1	SE	4	b	#	6	b, r	#	59	44	0.16
Valencia ...		29.41	50	SSE	4	b	28.81	-.66	48	47	0	SE	8	r	#	6	b	#	54	43	0.66
Roche's Point ...		29.50	50	SSW	4	b	29.10	-.40	50	48	0	SSW	8	0	#	6	0, r, g	#	55	44	0.30
Pembroke (St. Ann's Hd.)		29.54	50	WSW	3	b	29.36	-.14	50	49	+ 2	SSW	6	b	#	6	b, g	#	52	46	0.09
SEILLY ...		29.58	50	SW	3	b, p	29.38	-.14	52	48	+ 1	SSW	7	c	#	6	b, p	#	56	41	0.36
Prawle Point ...		29.59	50	W	4	b	29.54	+ .06	49	48	- 1	S	7	0	#	7	b, p	#	52	46	0.02
Jersey (St. Aubin's)		29.65	53	W	3	b	29.69	+ .15	51	49	+ 1	SE	6	0, p	#	5	0, g, b, p	#	55	48	0.02
Hurst Castle ...		29.60	51	SSW	4	0, w	29.65	+ .08	51	48	0	S	6	0	#	5	0, w	#	52	49	0.02
Dungeness ...		29.60	51	E	3	c	29.74	+ .11	52	50	+ 3	SW	4	c	#	3	0, c	#	56	47	—
NORTH FORELAND		29.62	50	E	3	b	29.74	+ .07	53	51	+ 5	S	4	b, w	#	2	b, b	#	53	44	—
London (Wickton) ...		29.62	51	SSW	1	0, d	29.69	+ .05	52	47	+ 2	S	3	b	#	0, d, 0, b	#	59	43	0.01	
Oxford ...		29.63	47	ESE	2	r	29.64	+ .01	51	47	+ 5	SSE	4	c	#	0, g, r	#	53	43	0.11	
Cambridge ...		29.64	51	SE	1	r	29.68	+ .01	50	48	+ 5	SSE	3	b	#	r	#	58	41	0.08	
Yarmouth ...		29.65	48	ESE	4	b	29.71	+ .01	51	49	+ 5	SW	3	b	#	3	b	#	51	44	0.03
GERMANY & HOLLAND.																					
Cuxhaven ...		29.76	49	ESE	3	b	29.88	+ .15	49	47	+ 5	SE	3	b	#	b	#	53	44	—	
Berlin ...		29.88	47	NE	4	0	29.91	+ .09	48	46	+ 4	ESE	2	0	#	0	#	50	44	—	
Wiesbaden ...		#	#	#	#	#	29.87	+ .13	48	46	- 3	ESE	2	c	#	0	#	59	41	—	
Munich ...		29.74	51	SE	3	c	29.90	+ .15	53	50	+ 7	SW	4	b	#	c	#	59	41	—	
The Helder ...		29.76	50	ENE	4	b	29.80	+ .04	52	50	+ 6	SSE	1	c	#	1	b	#	52	45	—
FRANCE & BELGIUM.																					
Brussels (9 a.m.) ...		#	#	#	#	#	29.84	+ .13	50	48	+ 3	WSW	3	c	#	b	#	63	46	—	
Cape Gris Nez ...		29.59	54	ESE	2	b	29.73	+ .10	50	49	+ 4	ESE	4	c	#	4	b	#	57	45	—
Paris ...		29.61	61	SW	1	0	29.93	+ .28	50	47	+ 3	SSW	3	b	#	0	#	65	41	—	
Brest ...		?	53	WSW	3	c	?	?	50	49	0	SSW	5	0	#	5	c	#	57	46	0.16
Lorient ...		29.69	53	W	4	b	29.67	+ .11	51	50	+ 1	SSW	7	r	#	5	b	#	59	48	—
ROCHEFORT		29.78	53	WNW	5	c	29.88	+ .25	50	49	- 1	S	5	c	#	c	#	59	46	—	
Belfort ...		?	59	SSE	2	0	?	?	50	47	+ 1	SE	3	0	#	b	#	65	48	—	
Lyons ...		29.73	51	SSW	2	r	30.01	+ .32	49	47	+ 3	WSW	1	0	#	r	#	69	46	0.04	
Nice ...		29.78	53	Z	0	c	29.89	+ .18	55	48	+ 1	Z	0	c	#	c	#	61	50	—	
Perpignan ...		29.78	53	NW	5	0	30.01	+ .38	50	45	- 4	W	2	b	#	0	#	62	39	0.04	
Biarritz ...		29.89	54	W	6	b	29.88	+ .20	54	47	+ 3	S	2	b	#	6	b	#	55	46	—
PENIN- SULA.																					
Corunna ...		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Lisbon ...		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Azores (P. Delgada)		30.07	55	SW	4	b	30.04	-.00	58	54	+ 3	SSW	4	0	#	b	#	59	52	0.04	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR TUESDAY, 24<sup>TH</sup> APRIL, 1894.

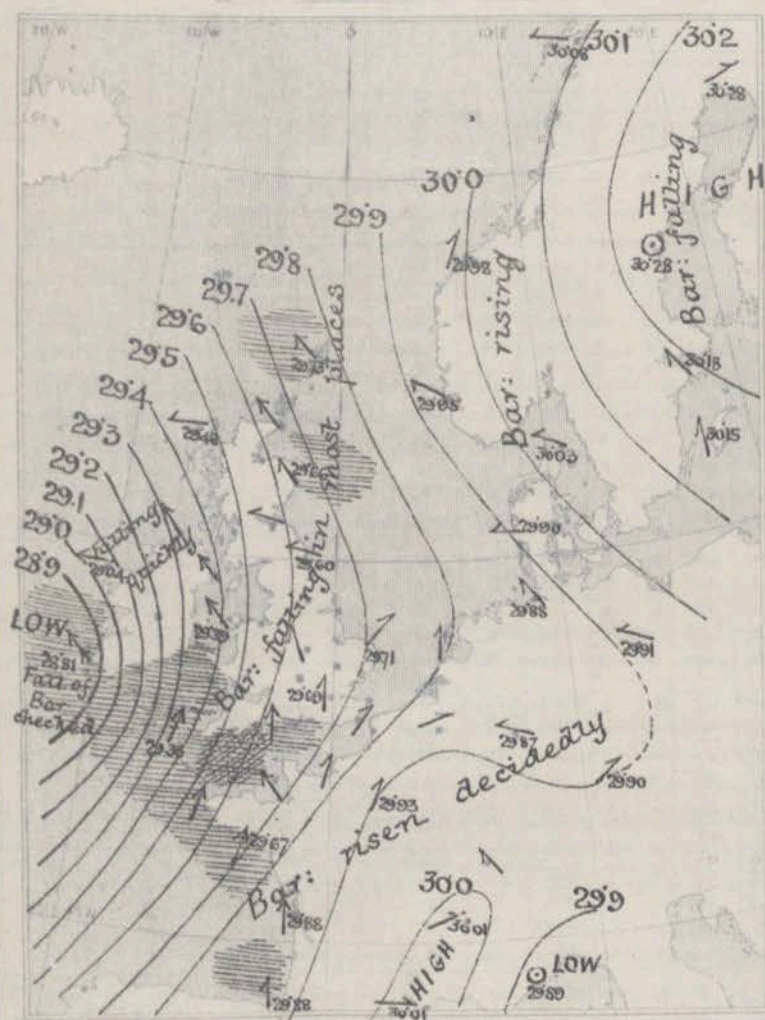
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉  
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough ≡ : High ≡

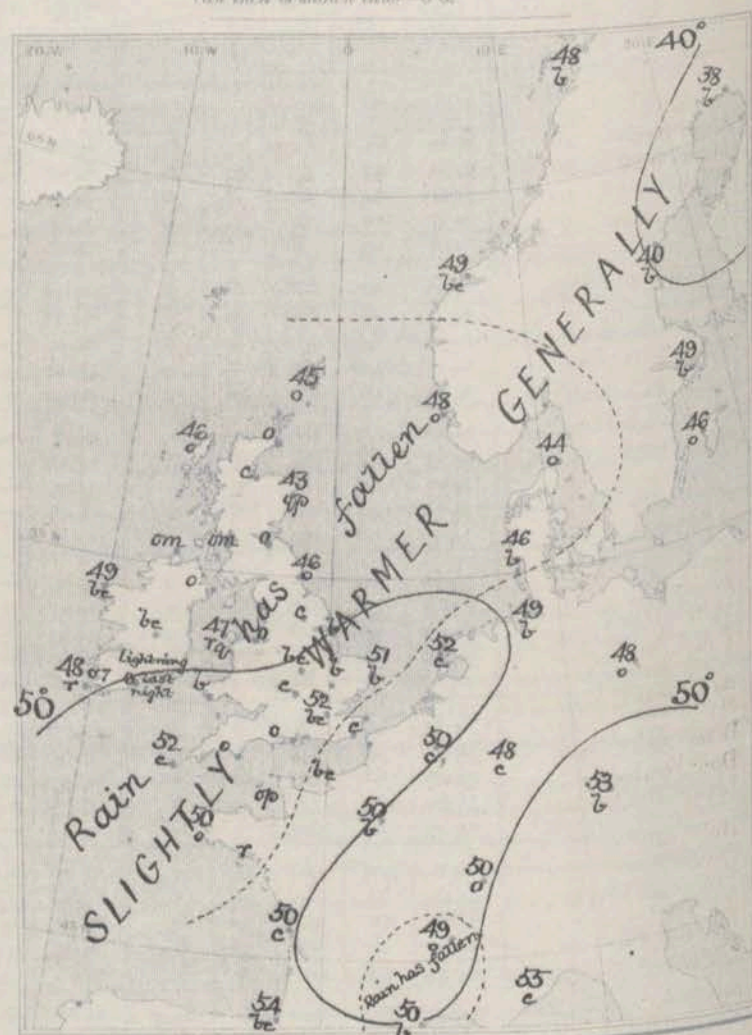


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871-90). (Inches.)	TEMPERATURE. (20 years 1871-90).				RAINFALL. (25 years 1866-90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881-90).	
		Dry Bulb. 8 a.m.	Wet Bulb. 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Sandwich Head	29.840	41.7	40.2	46.0	36.7	2.07	—	—
Stornoway	29.824	43.8	42.3	48.9	37.2	2.65	152.3	26
Wick	29.848	43.1	41.2	48.9	36.9	1.68	—	—
Nairn	29.844	42.7	40.4	50.9	37.3	1.26	—	24
Aberdeen	29.858	43.2	40.7	49.3	38.0	2.16	143.0	—
Glasgow	29.863	41.1	41.7	52.0	37.9	1.57	—	—
Stirling	29.866	43.5	41.4	49.0	38.6	1.80	—	—
Spurs Head	29.869	44.0	42.3	48.4	40.3	1.45	—	—
York	29.875	43.8	41.6	53.3	37.7	1.75	128.6	—
Loughborough	29.879	44.4	42.1	55.1	38.1	1.78	—	—
Artesian	29.887	44.4	42.1	51.5	39.5	2.14	—	—
Doughlahee	29.890	44.6	42.9	51.0	40.0	1.92	—	—
Walsby	29.897	45.8	43.8	51.4	42.0	1.90	—	—
Liverpool	29.897	45.0	42.1	52.0	40.4	1.55	—	30
Barrow-in-Wm.	29.894	45.0	42.5	54.6	38.0	2.94	130.9	41
Valentin	29.894	48.2	45.6	53.0	42.8	3.183	100.0	—
Boon's Point	29.894	46.8	44.5	53.7	42.1	3.24	—	44
Penryn	29.894	45.2	43.4	50.1	41.9	1.94	182.9	—
Scilly	29.894	48.0	46.6	52.1	44.7	2.27	—	—
Prick Point	29.894	46.2	44.6	51.0	40.7	2.07	—	—
Jersey	29.894	48.5	45.9	54.2	43.5	2.08	187.6	—
Hurst Castle	29.894	45.5	44.2	52.1	41.0	1.83	—	—
Baron	29.894	46.5	44.0	51.1	41.5	1.77	—	—
LANTRON	29.894	46.1	43.2	50.0	39.7	1.84	121.3	34
Oxford	29.894	44.4	42.1	54.0	38.9	1.78	141.2	36
Cambridge	29.894	45.0	43.0	55.8	37.3	1.69	147.8	—
Yarmouth	29.894	44.7	43.0	49.1	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest 30.2 ins. and upwards over the Gulf of Bothnia; 30.0 ins. and upwards over the S<sup>th</sup> part of France & Spain.  
Lowest 29.8 ins. and less in a deep depression lying off the southwest of Ireland.

Gradients steep over our western coasts, but moderate or slight elsewhere.

Barometer falling in most parts of the United Kingdom, - quickly on our northwest coasts, but rising again at some of our southern stations.

## TEMPERATURE

Highest 58° at Lisbon, 55° at Nice, 54° at Biarritz, 53° at N. Foreland and Murisk, 45° at Scilly, Dunfermline in London.

Lowest 38° at Haparanda, 40° at Hernösand, 41° at Faerden, 43° at Aberdeen, 44° at Skagen, 44.5° at Sumburg, 45° at Wick.

The highest maxima registered over our islands yesterday were 59° at Pargosstown and in London, and 58° at Cambridge; at many of our northern stations the thermometer did not reach 50°.

## WIND

S<sup>th</sup> over the south of England and the west and north of France, but SE<sup>th</sup> or E<sup>th</sup> in all the more northern parts of the United Kingdom, as well as on the eastern shores of the North Sea.

Strong in force on our western coasts, with a gale in the south of Ireland.

Light and variable over the northern parts of Scandinavia, and also in the south of France.

## WEATHER

Fine in the east and southeast of England, but cloudy or overcast in most other parts of the United Kingdom, with rain at some of our western and northern stations.

Fine at many of the Continental stations, but dull in the south of Scandinavia, with rain at Faerden.

In the course of the past 24 hours rain has fallen in most parts of our islands, the amounts being slight generally, but considerable in the extreme southwest. Lightning was seen last night at Roches Point.

## SEA

High at Pwllheli Point, rough on our southwest coasts generally and rather rough in the Channel and Bay of Biscay, as well as at Sumburg Head and Aberdeen.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the west seems likely to move northwards and will probably occasion increasing SE<sup>th</sup> winds on our northern coasts. Showery weather is likely over the entire Kingdom.

# FORECASTS

For the 24 hours ending at NOON on 25<sup>TH</sup> APRIL 1894.

## DISTRICTS.

## FORECASTS.

## DISTRICTS.

## FORECASTS.

1 SCOTLAND  
NORTH

SE<sup>th</sup> winds increasing in force, perhaps a gale, squally, showery.

2 SCOTLAND  
EAST

SE<sup>th</sup> winds, freshening, fair to showery.

3 ENGLAND  
N.E.

4 ENGLAND  
EAST

S<sup>th</sup> to SW<sup>th</sup> winds, fresh, gusty, showery.

5 MIDLAND  
COUNTIES

6 ENGLAND  
SOUTH

6 SCOTLAND  
WEST

SE<sup>th</sup> to S<sup>th</sup> winds, increasing to a gale, squally, some rain.

7 ENGLAND  
N.W.

8 ENGLAND  
S.W.

S<sup>th</sup> winds, strong, squally, showery.

9 IRELAND  
NORTH

Same as Nos 6 and 7.

10 IRELAND  
SOUTH

S<sup>th</sup> gales, moderating later, squally and showery to fair.

## WARNINGS

At 10 am. to districts 6, 7, 9 and part of 8. Hoist South Cone, and to districts 0 and 1 keep up South Cone.

The South Cone, gold downwards (A), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.  
The North Cone, point upwards (A), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.94	46	39	ENE	6	o	3	Valencia ...	29.48	54	50	S	3	bc	4
Sumburgh Head ...	29.83	47	42	ESE	4	c	5	Scilly ...	29.57	50	54	WSW	1	bcp	5
Stornoway ...	29.60	53	50	SE	4	c	4	Jersey ...	29.60	53	50	W	3	c	3
Aberdeen ...	29.71	43	42	E	5	ogg	6	Hurst Castle ...	29.58	51	49	SSE	4	o	3
Shields ...	29.65	47	44	E	4	bc	3	Dungeness ...	29.60	52	49	ESE	3	o	4
Ardrossan ...	29.58	50	46	E	2	o	2	North Foreland ...	29.62	52	48	E	4	o	#
Malin Head ...	29.50	45	44	NE	5	o	2	London (Westminster) ...	29.60	54	46	SE	3	o	3
Belmullet ...	29.46	54	47	SW	3	bc	#	Yarmouth ...	29.67	50	47	ESE	4	o	#
Holyhead ...	29.54	48	46	SE	4	r	3	Rochefort ...	29.67	53	52	WNW	5	r	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

*Weather* cloudy or overcast in most parts of our Islands, with rain at several of our western and northern stations. Fine in Scandinavia and the northern and central parts of Russia, as well as over the Netherlands and the central and southern parts of France; dull in Italy, Austria and the south of Russia, raining at some of the Danish and German stations, and also in the west of France. Rain falling during day in most parts of the United Kingdom, rather heavily in the extreme southwest. Lightning seen at Roche's Point at night.

*Temperature* risen over England and France, as well as in Scandinavia and Denmark, fallen in most other countries. Morning readings highest 64° at Oran and Algiers, 62° at Palma and Patras, and 60° at Athens and Malta; above 58° in most parts of southern Europe. Lowest 13° at Archangel, 28° at Haparanda, 32° at Kuopio, and 35° at Moscow; below 40° at most of the Russian stations. Daily maxima below 50° at several of our own northern stations, but thermometer reaching 55° or more in the southern districts, and rising to 59° in London and at Parsonstown. Exceeding 60° in many parts of France.

*Wind* SE<sup>1</sup> or E<sup>2</sup> in all the more northern and eastern parts of our Islands, as well as over Denmark, the Baltic and the south of Scandinavia, strong in force on the northern coasts of Ireland and Scotland. Light from the S<sup>W</sup> in the west and south of Ireland, moderate to strong from the west or northwest over the Bay of Biscay and the Spanish Peninsula. Variable over Italy, Austria and south Germany, light from the S<sup>W</sup> in Algeria. Wind subsiding later in the north and northwest, but SE gale springing up on our extreme southwest coasts at night.

*Barometer* highest 30.5 ins. and upwards over northern Russia; 30.1 ins. and upwards in an anticyclone covering nearly the whole of Russia and Scandinavia; 30.0 ins. and upwards in another system over the southwestern parts of the Spanish peninsula. Lowest 29.4 ins. and less in a depression off the northwest of Ireland, 29.5 ins. and less in a small disturbance over the western parts of the Channel. Both depressions moving northerlywards later and partially filling up; new and deeper disturbance approaching our southwest coasts at night.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on *Wednesday, 25<sup>th</sup> April,* 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Hours of Bright Sun- shine.	TEMP.		Rainfall.		
				At 32° and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Dir.	Force (0 to 12.)		Max.	Min.
		Inch.	°				Inch.	Inch.	°	°	°						°	°	Inch.		
SCANDINAVIA.	Haparanda ...	30.08	34	W	2	bc	29.94	-.34	38	36	0	W	2	c	#	bc	#	43	23	-	
	Hernösand ...	30.13	37	Z	0	c	30.05	-.23	43	40	+3	Z	0	c	#	c	#	50	27	-	
	Stockholm ...	30.15	42	Z	0	o	30.09	-.09	45	43	-4	Z	0	c	#	o	#	54	36	0.04	
	Wisby ...	30.14	44	S	4	o	30.08	-.07	48	47	+2	S	4	o	#	o	#	50	41	0.04	
	Bodo ...	30.02	42	NE	1	o	30.01	-.07	45	42	-3	S	1	c	#	o	#	52	37	-	
	Christiansund ...	30.00	47	NE	2	b	29.95	-.03	47	42	-2	E	3	b	2	b	#	50	43	-	
	Skudesnaes ...	29.95	47	ESE	4	o	29.89	-.06	50	46	+2	ESE	4	o	3	bc, o	#	55	43	-	
	Færder (Christiania Fjord)	30.08	44	NNE	1	r	30.02	-.07	44	44	+3	NNE	1	b	1	r	#	45	41	0.08	
	Skagen (The Seaw)	30.02	44	E	1	o	30.02	-.01	47	46	+3	SSE	1	o	0	o	#	48	41	-	
	Fano ...	29.92	48	E	5	o	29.93	+0.03	49	48	+3	ESE	2	c	#	o	#	61	45	-	
	Sumburgh Head	29.65	45	SE	4	o	29.60	-.13	47	47	+2	SE	3	c	5	r, o	#	47	42	0.08	
	Stornoway ...	29.34	51	SE	5	c	29.33	-.15	48	46	+2	SE	4	bc	4	c, c	#	54	38	0.02	
	Wick ...	29.50	42	SE	6	o	29.52	-.10	47	45	+2	SE	4	c	3	o	#	49	42	0.02	
	Nairn ...	29.41	52	ESE	3	c	29.45	-.08	53	46	+6	S	2	bc	2	bc	#	55	38	-	
	Aberdeen ...	29.52	45	SE	5	ogq	29.56	-.10	48	45	+5	SSE	4	bc	5	ogq	#	49	43	0.10	
	Leith ...	29.46	49	S	3	c	29.51	-.03	53	46	+7	ESE	1	b	#	c	#	54	39	0.09	
	Shields ...	29.55	50	SE	3	c	29.61	+0.01	49	46	+3	SSE	3	bc	3	op, c	#	54	42	0.01	
	Spurn Head ...	29.64	52	SSE	5	o	29.65	+0.01	48	48	-3	SSE	3	o	3	op	#	55	45	0.01	
	York ...	29.58	51	S	1	cp	29.64	+0.03	45	44	-4	SE	1	o	#	cp	#	57	41	0.11	
	Loughborough ...	29.62	56	SSW	4	e	29.64	+0.01	47	46	-3	SSE	2	o, mw	#	c	#	60	39	0.05	
BRITISH ISLANDS.	Ardrossan ...	29.37	51	SE	5	bm	29.43	-.01	48	46	0	SE	4	b	3	bc, appl	#	53	43	0.02	
	Malin Head ...	29.11	48	SSE	7	bq	29.15	-.12	46	42	0	S	7	c	3	o, bq	#	51	43	0.05	
	Belmullet ...	28.87	47	SE	8	o	29.05	+0.01	46	45	-3	S	7	o	#	c, o	#	52	45	0.10	
	Donaghadee ...	29.34	49	SSE	8	b	29.40	+0.01	48	46	+1	S	7	b	5	b	#	53	44	0.10	
	Liverpool (Bidston)	29.53	47	S	3	c	29.56	+0.07	48	45	+2	SE	2	c	3	c	#	57	41	0.07	
	Holyhead ...	29.47	50	SSW	8	bc, r, h	29.46	+0.07	51	47	+4	S	7	c, q	6	q, r, l	#	55	43	0.15	
	Parsonstown ...	29.15	45	SE	3	o	29.28	+0.14	49	42	0	SE	4	bc, q	#	o	#	52	42	0.04	
	Valencia ...	29.04	47	S	8	om	29.19	+0.38	48	46	0	S	6	o, q, p	#	o, q, p	#	49	45	0.45	
	Roche's Point ...	29.25	47	SW	8	o, q, u	29.33	+0.23	45	45	-5	SW	8	r	#	o, q, u	#	51	44	0.15	
	Pembroke (St. Ann's Hd.)	29.47	50	SW	7	bc	29.50	+0.14	49	49	-1	SW	6	bc	6	q, r, bc	#	51	45	0.04	
	Seilly ...	29.54	52	S	6	cp	29.54	+0.16	52	48	0	SW	6	bc	6	c, cp	#	55	45	0.03	
	Prawle Point ...	29.65	50	SW	5	m	29.62	+0.08	52	45	-1	SW	5	c	4	m, q, p	#	54	44	0.16	
	Jersey (St. Aubin's)	29.74	51	SW	5	rm	29.73	+0.04	52	49	+1	SSW	4	b, p	4	o, pm	#	54	48	0.62	
	Hurst Castle ...	29.68	51	SSW	4	op	29.68	0.00	48	47	-3	SSW	4	c	4	op	#	54	46	0.42	
	Dungeness ...	29.76	53	SW	3	c	29.70	-.04	50	50	-2	SW	3	r	2	c	#	57	49	0.42	
	North Foreland	29.77	54	S	6	og	29.71	-.03	50	49	-3	S	4	r	3	c, og	#	57	46	0.20	
	London (Brixton) ...	29.73	49	SW	2	r	29.67	-.02	47	47	-5	S	2	or	#	bc, r	#	60	45	0.58	
	Oxford ...	29.70	50	SSE	3	o	29.66	+0.02	44	44	-7	S	2	r	#	c, q, p	#	58	44	0.18	
	Cambridge ...	29.70	52	SSE	3	r	29.67	-.01	48	47	-2	SSE	1	r	#	c, r	#	60	44	0.23	
	Yarmouth ...	29.74	54	S	4	c	29.72	+0.01	50	49	-1	SSW	4	og, r	4	b, c, r	#	55	48	0.43	
GERMANY & HOLLAND.	Cuxhaven ...	29.86	53	Z	0	bc	29.92	+0.04	48	48	-1	S	1	f	#	bc	#	55	46	0.08	
	Berlin ...	29.95	55	ESE	2	b	29.98	+0.07	54	52	+6	SE	1	o	#	b	#	63	48	-	
	Wiesbaden ...	#	#	#	#	#	29.99	+0.12	47	45	-1	SW	1	b	#	#	#	61	41	-	
	Munich ...	30.02	50	Z	0	o	30.05	+0.15	53	50	0	E	1	b	#	o	#	61	45	0.20	
	The Helder ...	29.91	52	SSE	1	b	29.88	+0.08	51	48	-1	SSW	2	c	1	b	#	57	46	-	
	Brussels (9 a.m.) ...	#	#	#	#	#	29.84	-.00	58	51	+8	SSE	4	c	#	b	#	62	45	-	
	Cape Gris Nez ...	29.75	55	c	2	r	29.71	-.02	57	50	+1	S	2	o	2	r	#	59	46	0.28	
	Paris ...	29.91	59	? S	2	bc	29.84	-.09	54	48	+4	S	3	bc	#	bc	#	65	45	-	
	Brest ...	#	53	SW	4	r	#	#	51	47	+1	SSW	4	c	#	c	#	57	46	0.20	
	Lorient ...	29.75	53	SSW	5	c	29.73	+0.06	51	48	0	SSW	5	bc	5	c	#	57	46	0.49	
FRANCE & BELGIUM.	Rochefort ...	29.90	57	S	3	o	29.90	+0.02	65	54	+5	S	3	m	#	o	#	66	50	-	
	Belfort ...	#	59	W	1	bc	#	#	54	51	+4	E	2	c	#	bc	#	61	39	-	
	Lyons ...	29.95	59	ESE	1	b	29.98	-.03	55	46	+6	SW	1	bc	#	b	#	66	46	-	
	Nice ...	29.99	56	SE	2	c	30.06	+0.17	53	51	-2	Z	0	bc	#	c	#	64	48	-	
	Perpignan ...	30.15	57	E	1	b	30.02	+0.01	54	53	+4	Z	0	o	#	b	#	65	48	-	
	Biarritz ...	29.84	56	SSW	3	c	29.85	-.03	62	55	+8	SSE	3	b	6	c	#	72	54	-	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lisbon ...	30.06	58	SSW	4	o	30.02	-.02	58	57	0	SSW	4	r	#	o	#	61	57	0.04	
	Azores (P. Delgada)	30.08	56	W	1	bc	30.08	+0.05	57	53	0	WNW	3	bc	4	bc	#	63	55	-	
	PENIN- SULA.																				

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR WEDNESDAY, 25<sup>TH</sup> APRIL, 1894.

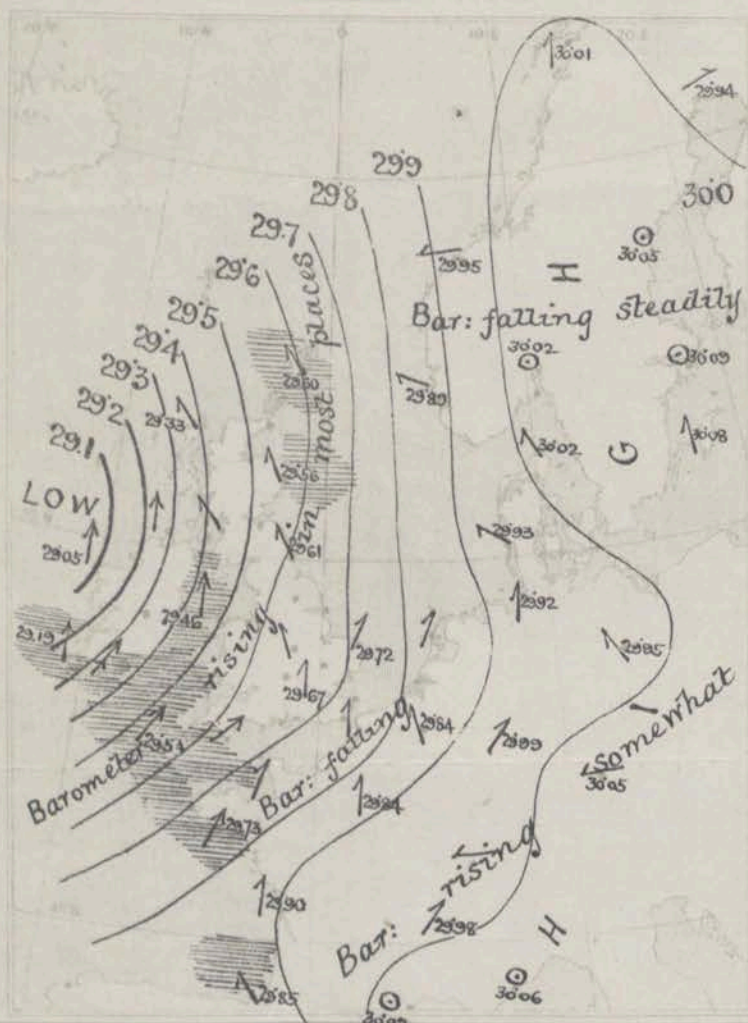
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10 → → → Force 5 to 7 → → → Force 3 to 4 → → → Calm ☉

SEA—Rough ≡ High ≡

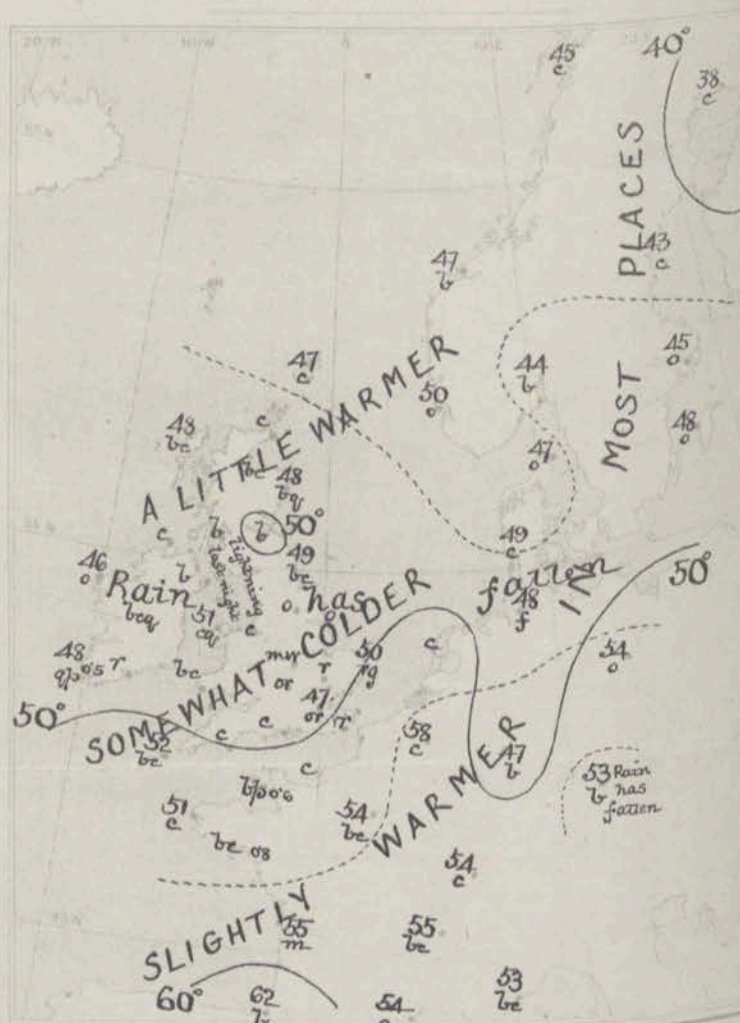


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL

STATIONS.	PRESSURE. (20 years 1871-90) (Inches)	TEMPERATURE. (20 years 1871-90)				RAINFALL. (25 years 1868-92) (Inches)	BRIGHT SUNSHINE (10 years 1881-90)	
		Obs. Daily Average	Yearly Average	Daily Maximum	Daily Minimum		Hours	Percent of possible
Southport Head	29.840	41.7	40.2	46.4	36.7	2.47	152.3	30
Southport	29.824	41.8	40.3	46.5	37.2	2.45	—	—
Wick	29.848	41.1	40.2	46.0	36.0	1.68	—	—
Nelson	29.845	42.7	40.4	46.9	37.3	1.50	143.0	24
Albion	29.854	41.2	40.7	46.3	36.0	2.10	—	—
Lea	29.860	41.1	41.7	47.0	37.0	1.57	—	—
St. Helens	29.860	41.0	41.1	46.0	36.0	1.80	—	—
South Head	29.831	41.0	42.3	46.4	36.3	1.45	—	—
Yok	29.875	41.8	41.0	46.0	37.7	1.75	128.6	26
Long Mountain	29.879	41.1	42.1	46.1	36.1	1.78	—	—
Northport	29.857	41.4	42.1	46.3	36.3	2.14	—	—
Thameshead	29.830	41.0	42.9	46.9	36.0	1.10	—	—
Merseyhead	29.837	41.8	41.8	46.4	36.0	1.30	—	—
Liverpool	29.847	41.0	42.1	46.0	36.4	1.55	—	—
Prescot	29.844	41.0	42.3	46.6	36.0	2.04	139.9	24
Calverton	29.854	41.2	41.0	46.0	36.8	1.83	100.0	—
Rocky Point	29.851	40.8	41.5	46.7	36.1	1.24	—	—
Bombardier	29.852	41.2	41.4	46.1	36.0	1.34	182.0	34
St. Helens	29.851	41.6	40.0	46.1	36.7	2.27	—	—
South Point	29.876	40.2	41.0	46.1	36.7	2.07	—	—
Mersey	29.872	41.0	41.0	46.2	36.5	2.08	187.6	36
Warrington	29.871	41.0	41.1	46.1	36.0	1.49	—	—
Dray	29.861	40.0	41.0	46.1	36.0	1.77	—	—
Warrington	29.878	40.1	41.2	46.0	36.7	1.84	121.0	24
Warrington	29.884	41.1	41.1	46.0	36.0	1.78	141.2	26
Warrington	29.880	41.2	41.0	46.0	36.3	1.50	142.8	—
Warrington	29.872	41.7	41.0	46.1	36.0	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.0 in: and upwards, over Sweden, the Baltic, eastern and southern Germany, and the southern parts of France and Spain.  
Lowest, 29.1 in: and less, in a depression lying off the west of Ireland.

Gradients rather steep over Ireland and the west of Scotland, but moderate or slight elsewhere.

Barometer rising in most parts of our Islands, France, and Germany, but falling elsewhere.

## TEMPERATURE

Highest, 62° at Bantry, 58° at Kinsale and Falmouth, 55° at Holyhead, and 54° at Dublin, Paris, Reims, and Perpignan.

Lowest, (1) 38° at Haparanda, 43° at Helsingfors, 44° at Frederik, 45° at Stockholm and Southwold, (2) 44° at Oxford, and 45° at Shields, York, and Rotherhithe.

The maxima registered yesterday were below 55° in many parts of the United Kingdom, but at Loughborough, Cambridge, and in London the thermometer rose to 60°.

## WIND

Moderate from the SE<sup>th</sup> over the northern parts of Great Britain and also on the eastern shores of the North Sea.

Strong from the S<sup>th</sup> or SW<sup>th</sup> on our western coasts, with a gale at Rotherhithe; moderate from the same quarters over the Channel and the greater part of France.

A fresh to strong gale from the S<sup>th</sup> was experienced yesterday over the whole of Ireland and the Irish Sea.

## WEATHER

Fine over the western and northern parts of our Islands generally, but dull and rainy in the southeast of England.

Dull in Sweden, Denmark and North Germany; fine in Norway, and also over the greater part of France and the Netherlands.

In the course of the past 24 hours rain has fallen over nearly the whole of the United Kingdom, the largest amount being 0.6 inches at Jersey and in London (0.5 inches at Kew) and 0.4 in: at Hurst Castle, Bournemouth, and Falmouth. Lightning was seen last night at Ardaraan and Holyhead.

## SEA

Rough on our western coasts and also in the Bay of Biscay, rather rough at Loughborough and Aberdeen, moderate or slight elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the Irish coasts is apparently moving away to the northward, but there is a tendency for the formation of shallow secondary systems over our Islands: and showery weather is therefore likely to continue for a time in most districts.

## FORECASTS

For the 24 hours ending at NOON on 26<sup>th</sup> APRIL 1894.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SE <sup>th</sup> winds, fresh or strong; changeable, some showers.	6 SCOTLAND WEST	Same as Nos 0 and 1.
2 SCOTLAND EAST		7 ENGLAND N.W.	S <sup>th</sup> winds, moderating gradually, unsettled, showery.
3 ENGLAND N.E.	S <sup>th</sup> winds, moderate; changeable, some showers.	8 ENGLAND S.W.	SW <sup>th</sup> winds, fresh or strong; changeable, some showers.
4 ENGLAND EAST		9 IRELAND NORTH	Same as No 7
5 MIDLAND COUNTIES		10 IRELAND SOUTH	Same as No 8.
ENGLAND SOUTH	S <sup>th</sup> and SW <sup>th</sup> winds, fresh; changeable, some showers.	WARNINGS	The South Cone is still flying in districts 0, 1, 6, 7, 9, and part of 8.

The South Cone, point downwards (↓) means that gales or strong winds are probable, at first from the Southward then S.E. wind to S. or N.W. and it is equally likely that a gale blowing from between W. and N.W. is likely to veer towards N. or N.E. The North Cone is pointed upwards (↑) means that gales or strong winds are probable, at first from the Northward then N.W. wind to N. or S.E. and it is equally likely that a gale blowing from between E. and S.E. is likely to veer towards S. or S.W. The East Cone is pointed to the right (→) means that gales or strong winds are probable, at first from the Eastward then E. wind to S. or N.W. and it is equally likely that a gale blowing from between N. and N.W. is likely to veer towards W. or S.W. The West Cone is pointed to the left (←) means that gales or strong winds are probable, at first from the Westward then W. wind to S. or N.W. and it is equally likely that a gale blowing from between S. and S.W. is likely to veer towards E. or N.E.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.		THER.		WIND.	F.	WEA.	SEA.		BAR.		THER.		WIND.	F.	WEA.	SEA.
	Dry.	Wet.	Dry.	Wet.						Dry.	Wet.	Dry.	Wet.				
Skudesnaes ...	29.93	55	48	55	ESE	4	bc	3	Valencia ...	28.87	46	45	5	S	9	cm	7
Sumburgh Head	29.68	45	45	55	SE	4	r	5	Scilly ...	29.50	54	48	5	S	7	om	5
Stornoway ...	29.41	54	53	55	SE	5	o	4	Jersey ...	29.72	54	52	5	S	6	op	5
Aberdeen ...	29.50	48	46	55	SE	5	op	6	Hurst Castle ...	29.68	54	52	5	SSW	3	r	2
Shields ...	29.52	50	47	55	SE	4	op	3	Dungeness ...	29.71	53	51	5	SSW	6	c	4
Ardrossan ...	29.37	53	50	55	SE	5	bc	3	North Foreland	29.79	55	52	5	S	4	op	#
Malin Head ...	29.13	46	45	55	SSE	7	o	3	London (Westminster)	29.71	53	50	5	SSW	4	bc	4
Belmullet ...	29.92	54	50	55	SSE	8	c	#	Yarmouth ...	29.74	54	50	5	S	5	o	#
Holyhead ...	29.42	53	48	55	SSW	8	cqtr	6	Rocheport ...	29.91	62	55	5	SSW	4	o	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather fine in the east and southeast of England, but cloudy or dull in most other parts of our Islands, with rain at some of our western and northern stations. Fine over the greater part of the Continent, but dull over the Baltic, eastern Germany, Austria, and the south of Russia, as well as in the northwest of France and the eastern part of the Spanish Peninsula; rain falling at Lorient and Courmou. Rain falling late over nearly the whole of the United Kingdom and the north of France; lightning seen in the northwest of our Islands at night.

Temperature risen in most places. Morning readings highest 65° at Algiers, 64° at Palma and than, and 63° at La Cella; above 55° in most parts of southern Europe, and above 50° in the south of England. Lowest 33° at Moscow, 35° at Archangel and Charkov, and 38° at Haparanda. Below 45° in the east of Scotland. Daily maxima below 55° in many parts of the United Kingdom, but thermometer rising to 60° at Loughborough, Cambridge, and in London. Exceeding 65° at several of the French stations, and reaching 72° at Tivoli.

Wind strong from the SE<sup>W</sup> or S<sup>W</sup> on our western coasts with a gale in the south of Ireland; fresh or strong from the S<sup>W</sup> over Spain, the Bay of Biscay and the south of England; moderate from the E<sup>W</sup> or SE<sup>W</sup> over the northern part of Great Britain, as well as over Denmark, Germany, the Baltic, and the greater part of Russia. Variable in Austria, Algeria, and the south of France, light from the E<sup>W</sup> or SE<sup>W</sup> in Italy. Subsequently, increasing to a gale from the S<sup>W</sup> on our northwest coasts, and freshening from the SE<sup>W</sup> in the east of Scotland.

Barometer highest, 30.5 ins: and upwards over Central Russia, 30.1 ins: and upwards in an anticyclone covering the whole of Russia and Sweden, and also in another system over the south of Spain. Lowest, 28.9 ins: and less, in a deep depression off the southwest of Ireland; 29.8 ins: and less, in a shallow system over northwestern Germany; 29.9 ins: and less, in two shallow areas lying respectively over the Gulf of Genoa and over Austria and Turkey. This depression subsequently moving slowly northward, and barometer rising again on our southern coasts.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on *Thursday, 26<sup>th</sup> April,* 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
	Barom.	Temp.	Wind.			Barometer.	Temperature.				Wind.					Temp.			
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 3.)	Weather.	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.
	Inch.	°				Inch.	Inch.	°	°	°							°	°	Inch.
<b>SCANDINAVIA.</b>																			
Haparanda ...	30.07	57	W	0	b	30.12	+0.18	36	35	-2	SSW	2	c	#	b	#	50	32	
Hernösand ...	30.07	41	W	0	c	30.09	+0.04	50	41	+7	W	0	o	#	c	#	57	34	
Stockholm ...	30.05	45	W	0	o	30.12	+0.03	46	45	+1	SE	2	o	#	o	#	52	39	
Wisby ...	30.08	44	S	4	b	30.12	+0.04	47	46	-1	SSW	4	o	#	o	#	54	41	
Bodo ...	30.06	42	W	0	b	30.02	+0.01	42	40	-2	E	2	b	1	b	#	46	34	
<b>BRITISH ISLANDS.</b>																			
Christiansund ...	29.91	50	NE	1	b	29.88	-0.07	52	46	+5	W	0	m	1	b	#	54	46	
Skudesnaes ...	29.82	50	ESE	0	o	29.87	-0.02	50	47	0	SE	2	c	3	o	#	53	46	
Fierder (Christiana Fjord)	30.03	45	W	0	b	30.02	0.00	44	43	0	NNE	3	c	2	b	#	48	43	
Skagen (The Seaw)	30.00	46	SSE	1	b	29.98	-0.04	48	40	+1	SE	3	c	0	b	#	52	45	
Fanø ...	29.86	53	ESE	6	c	29.88	-0.05	51	51	+2	ESE	2	f	#	c	#	66	48	0.08
Sumburgh Head	29.59	45	SE	3	o	29.61	+0.01	47	46	0	SE	3	bc	5	o	#	50	43	0.03
Stornoway ...	29.33	53	SE	4	b	29.89	+0.06	49	47	+1	SE	4	bc	4	b	#	55	40	0.05
Wick ...	29.47	51	SE	4	c	29.54	+0.02	49	45	+2	S	4	b	3	c	#	52	44	
Nairn ...	29.43	50	S	1	bc	29.44	+0.04	50	46	-3	SSW	2	bc	1	bc	#	60	44	
Aberdeen ...	29.52	46	SSE	4	bcq	29.60	+0.04	49	45	+1	SSE	3	bc	4	cq, p	Q.5	51	43	0.01
Leith ...	29.48	53	SSW	4	bc	29.56	+0.05	51	46	-2	S	1	c	#	bc	#	57	43	
Shields ...	29.57	49	SSE	2	c	29.63	+0.02	48	46	-1	SW	2	cm	3	c, t, r, c	#	54	41	0.07
Spurn Head ...	29.67	52	S	3	cpv	29.68	+0.03	47	47	-1	S	3	op	3	cpv	#	56	44	0.09
York ...	29.61	53	S	2	bc	29.66	+0.02	46	45	+1	S	1	c	#	t, bc	#	58	40	0.02
Loughborough ...	29.67	52	SSW	2	bc	29.67	+0.03	47	46	0	SE	1	op	#	r, c, p, y	#	60	44	0.37
<b>GERMANY &amp; HOLLAND.</b>																			
Ardrossan ...	29.41	48	SW	5	op	29.50	+0.07	49	47	+1	SSE	4	c	3	b, op	#	51	46	0.01
Malin Head ...	29.20	48	S	6	og, r	29.33	+0.18	48	45	+2	S	5	og	2	o, gr	#	54	45	0.02
Belmullet ...	29.19	48	SW	3	cp	29.29	+0.14	49	48	+3	SSE	3	og	#	op, cp	#	51	46	0.20
Donaghadee ...	29.39	50	S	7	og	29.49	+0.09	51	48	+3	S	7	bc	5	b, y	#	52	45	0.02
Liverpool (Bliston)	29.58	52	S	3	c	29.61	+0.05	47	45	-1	SE	2	o	2	c	#	59	44	
Holyhead ...	29.52	50	SSW	7	bcq	29.55	+0.04	51	48	0	S	5	bc	2	cp, bcq	#	58	46	
Parsonstown ...	29.86	48	W	0	o	29.43	+0.15	50	47	+1	SE	3	o	#	c, o	#	52	42	0.05
Valencia ...	29.34	51	SSW	4	cm	29.41	+0.22	50	49	+2	SSW	3	cp	4	cm, p, cm	#	54	47	0.13
Roche's Point ...	29.43	50	SW	6	cq	29.48	+0.15	51	49	+6	SW	4	c	4	cq, p	#	52	45	0.20
Pembroke (St. Ann's Hd.)	29.55	50	SW	6	o	29.57	+0.07	47	47	-2	SSW	5	og	4	b, o	Q.9	51	45	0.09
Scilly ...	29.61	51	SSW	5	c	29.59	+0.05	51	50	-1	SW	4	bc	4	bc, p, c	10.5	56	46	0.07
Prawle Point ...	29.67	48	SW	5	c	29.62	0.00	47	47	-1	SW	5	p	4	cp	#	53	45	0.15
Jersey (St. Aubin's)	29.76	54	SSE	4	og	29.75	+0.02	52	51	0	SSE	5	og, m	4	og	#	59	49	
Hurst Castle ...	29.72	51	SSW	4	ob	29.69	+0.04	52	51	+1	S	6	bc	5	c, bu	#	55	47	0.06
Dungeness ...	29.76	52	SSW	2	bc	29.75	+0.05	51	49	+1	SW	4	c	3	bc	#	55	48	0.19
<b>FRANCE &amp; BELGIUM.</b>																			
North Foreland	29.78	53	SW	1	c	29.76	+0.05	52	49	+2	SSW	4	cq	3	c	#	57	48	0.17
London (Brixton) ...	29.74	54	S	2	bc	29.72	+0.05	52	49	+5	SSW	2	c	#	t, bc, p, b	7.1	59	46	0.24
Oxford ...	29.71	50	SSW	3	f	29.67	+0.01	51	48	+7	S	3	bc	#	p	#	57	44	0.14
Cambridge ...	29.72	55	S	3	bc	29.71	+0.04	52	49	+4	SSE	3	c	#	bc	6.9	60	43	0.20
Yarmouth ...	29.73	58	S	4	bc	29.73	+0.01	51	50	+1	S	4	c	4	t, c, bc	#	56	47	0.38
<b>GERMANY &amp; HOLLAND.</b>																			
Cuxhaven ...	29.86	58	SSE	1	bc	29.89	-0.03	54	53	+6	W	1	bc	#	bc	#	65	48	
Berlin ...	29.96	60	SE	2	b	29.98	0.00	55	53	+1	SSE	3	b	#	b	#	70	50	
Wiesbaden ...	#	#	#	#	#	29.97	-0.02	56	53	+9	W	0	o	#	#	#	66	46	
Munich ...	30.16	56	NE	2	b	30.04	-0.01	56	52	+3	SW	2	b	#	b	#	64	45	
The Helder ...	29.89	50	SW	1	c	29.84	-0.04	52	51	+1	SSW	1	o	1	c	#	63	48	
<b>FRANCE &amp; BELGIUM.</b>																			
Brussels (g.a.m.) ...	#	#	#	#	#	29.87	+0.03	54	51	-4	SSW	3	o	#	o	#	69	48	0.12
Cape Gris Nez ...	29.77	51	S	1	e	29.75	+0.04	51	50	0	SSW	4	c	4	c	#	54	45	0.04
Paris ...	29.86	57	SSW	2	b	29.89	+0.05	52	51	-2	SSW	2	bc	#	b	#	68	50	0.39
Brest ...	?	53	SSW	4	c	?	?	50	48	-1	SW	4	c	4	c	#	55	46	0.35
Lorient ...	29.77	51	S	5	c	29.75	+0.02	52	51	+1	SSW	5	c	5	c	#	59	48	
<b>FRANCE &amp; BELGIUM.</b>																			
Rochefort ...	29.79	57	WNW	3	o	29.87	-0.03	53	51	-2	SE	4	c	#	o	#	68	50	0.20
Belfort ...	?	68	W	1	b	?	?	68	64	+4	SW	1	b	#	b	#	72	44	
Lyons ...	?	63	S	5	b	29.99	+0.01	60	51	+5	E	1	b	#	b, l	#	71	53	
Nice ...	30.08	54	SW	2	b	30.11	+0.05	55	51	+2	W	1	b	#	o	#	64	46	
Perpignan ...	29.94	59	NE	2	o	29.99	-0.03	59	56	+5	NE	2	o	#	o	#	64	53	
Biarritz ...	29.80	67	W	0	bc	29.82	-0.03	63	64	+1	SSE	4	e	3	bel	#	72	55	0.04
<b>PENINSULA.</b>																			
Corunna ...	30.02	58	SSW	2	c	30.00	-0.02	58	53	0	WNW	5	o	#	c	#	63	55	
Lisbon ...	30.21	55	WNW	4	bc	30.30	+0.22	56	52	-1	NNE	1	bc	2	bc	#	63	52	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR THURSDAY, 26<sup>TH</sup> APRIL, 1894.

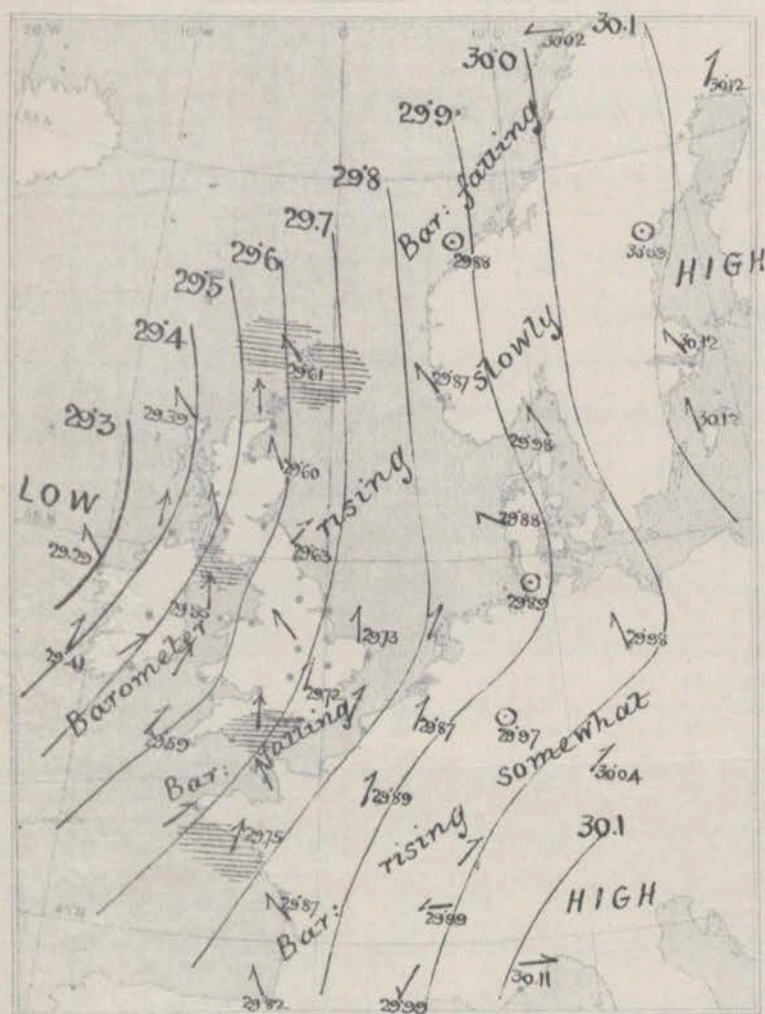
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10  $\rightarrow$  : Force 5 to 7  $\rightarrow$  :  
Force 8 to 10  $\rightarrow$  : Force 1 to 4  $\rightarrow$  : (Calm  $\odot$ )

SEA—Rough  $\equiv$  : High  $\equiv$

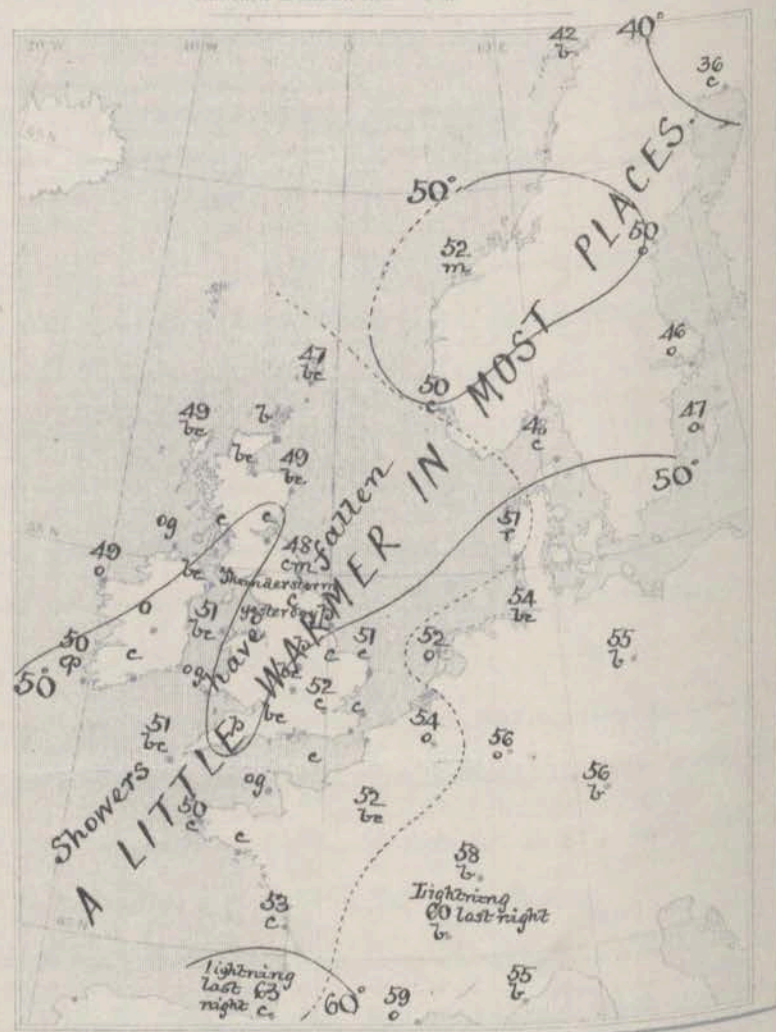


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—(A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.5).



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (25 years 1871—90). (Inches)	TEMPERATURE. (25 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches)	BRIGHT SUNSHINE (10 years 1881—90).	
		Dry Bulb 5 a.m.	Wet Bulb 5 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
Sunbrough Head	29.840	41.7	40.2	46.0	36.7	2.07	—	28
Stornoway	29.824	43.8	42.3	48.9	37.2	2.05	152.3	—
Wick	29.848	43.1	41.2	48.9	36.9	1.68	—	—
Nairn	29.848	42.7	40.1	50.9	37.3	1.26	—	34
Aberdeen	29.858	43.2	40.7	49.3	38.0	2.10	143.0	—
Edin.	29.863	44.1	41.7	52.0	37.9	1.37	—	—
Shields	29.866	43.5	41.4	49.0	38.6	1.80	—	—
Spinn Head	29.863	44.0	42.3	48.1	40.3	1.45	—	31
York	29.875	43.8	41.0	53.5	37.7	1.75	128.0	—
Loughborough	29.879	44.1	42.1	55.1	38.1	1.78	—	—
Ards	29.877	44.4	42.1	51.5	39.5	2.14	—	—
Down	29.879	44.0	42.0	51.0	40.0	1.02	—	—
Belfast	29.877	43.8	43.8	51.1	42.0	1.00	—	—
Liverpool	29.877	43.0	42.5	52.6	40.4	1.55	—	30
Pasadenaville	29.874	43.0	42.5	51.6	38.0	2.04	130.0	41
Valencia	29.874	48.2	45.6	53.0	42.8	3.83	100.5	—
Rome's Point	29.874	48.8	44.5	53.7	42.1	3.24	—	—
Pembroke	29.874	45.2	43.4	50.1	41.0	1.94	182.0	—
Scilly	29.874	48.6	46.6	52.1	44.7	2.97	—	—
Princes Port	29.874	46.2	44.0	51.0	40.7	2.07	—	46
Jersey	29.874	48.5	45.9	54.2	43.5	2.06	187.0	—
Harbour of Calais	29.874	45.5	44.2	52.1	41.0	1.84	—	—
Paris	29.874	46.3	44.0	51.1	41.5	1.77	—	50
LONDON	29.878	46.1	43.2	50.0	39.7	1.78	124.5	54
Edin.	29.874	44.4	42.1	51.0	38.0	1.78	141.2	36
Cardiff	29.870	43.2	43.0	53.8	37.3	1.09	147.8	—
Yarmouth	29.872	44.7	43.0	49.1	39.0	1.76	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.1 in: and upwards, over the Gulf of Bothnia and the northern part of the Baltic, and also in the southeast of France.  
 Lowest, 29.3 in: and less, in a depression lying to the westward of our Islands.  
 Gradients moderate on our western and northern coasts, but slight elsewhere.  
 Barometer rising generally, but falling slightly in the south of England and also in the west of Norway.

## TEMPERATURE

Highest, 63° at Biarritz, 60° at Lyons, 53° at Perpignan, 58° at Belfast and Dublin, and 56° at Kristadun and Mennick.  
 Lowest, (1) 36° at Haparanda, 42° at Helsingfors and 44° at Vaasa (2) 46° at York and 47° at Lumburgh. In the Channel, Loughborough and Liverpool.  
 The maxima registered yesterday were below 55° in many parts of the United Kingdom, but at Aberdeen, Loughborough and in London the thermometer reached 60°.

## WIND

Chiefly S<sup>2</sup> (SE to SW); light or moderate in force generally, but strong on some parts of our southern and northwestern coasts.  
 Variable in the south of France; fresh from WSW at Lisbon.

## WEATHER

Fine in Scotland, but changeable and showery over England and Ireland.  
 B dull in Sweden and the Netherlands and rainy at Paris, but fine at most of the French and German stations.  
 Showers fell yesterday in most parts of the United Kingdom and France, thunderstorms occurred over the north of England, and lightning at Lyons and Biarritz. Solar halo was seen at Oxford and Jersey.

## SEA

Moderate or slight generally, but rather rough at Lumburgh H<sup>2</sup>, Donaghadee, and Lisieux.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Shallow secondary depressions are still advancing over our Islands from the southward, and showery weather seems likely to continue for a time in nearly all districts.

## FORECASTS

For the 24 hours ending at NOON on 27<sup>th</sup> APRIL 1894.

### DISTRICTS.

### FORECASTS.

1 SCOTLAND NORTH	} SE <sup>2</sup> and S <sup>2</sup> winds, moderate; fair generally, but local showers.
2 SCOTLAND EAST	
3 ENGLAND N.E.	} Same as No 5
4 ENGLAND EAST	
5 MIDLAND COUNTIES	
6 ENGLAND SOUTH	S <sup>2</sup> winds, moderate; changeable, some showers, possibly thunder.

### DISTRICTS.

### FORECASTS.

6 SCOTLAND WEST	} S <sup>2</sup> and SE <sup>2</sup> winds, fresh or strong; changeable, some showers.
7 ENGLAND N.W.	
8 ENGLAND S.W.	SW <sup>2</sup> to S <sup>2</sup> winds, strong; changeable, showery.
9 IRELAND NORTH	} Same as Nos 6 and 7.
10 IRELAND SOUTH	

### WARNINGS

None issued.

The South Cone, point downwards (↓) means that gales, or strong winds, are probable, at first from the southward (from S.E. round by S. to N.W.) should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is pointed upwards (↑).  
 The North Cone, point upwards (↑) means that gales, or strong winds, are probable, at first from the northward (from N.W. round by N. to S.E.) should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is pointed downwards (↓).



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.		THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.								Dry.	Wet.				
Skudesnaes ...	29.88	53	47	SE	4	o	3		Valencia ...	29.29	53	51	S	5	omp	6
Sumburgh Head ...	29.62	47	46	SE	3	o	5		Scilly ...	29.58	55	51	SEW	6	cp	6
Stornoway ...	29.34	55	52	SE	5	6	4		Jersey ...	29.75	57	52	SEW	4	o	4
Aberdeen ...	29.53	48	45	SSE	5	cg	5		Hurst Castle ...	29.74	55	52	SSEW	5	c	2
Shields ...	29.56	52	49	SSE	3	c	3		Dungeness ...	29.78	54	51	SW	3	bc	3
Ardrossan ...	29.42	51	49	SW	5	6	4		North Foreland ...	29.75	55	52	SW	3	c	#
Malin Head ...	29.16	52	46	SSE	7	o	3		London (Watlington) ...	29.71	59	50	SSEW	4	bc	3
Belmullet ...	29.10	48	47	S	5	op	#		Yarmouth ...	29.69	54	50	SW	4	c	3
Holyhead ...	29.51	51	46	SSEW	7	cp	6		Rochefort ...	29.89	62	56	S	3	o	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

*Weather fine over the western and northern parts of our Islands generally, but showery in the south of Ireland; dull and rainy in the southeast of England. Fine in Norway, and also in France, Spain, Italy, and south Germany, but dull in most other Continental countries, with rain at Lisbon. Showers falling during day in nearly all parts of the United Kingdom, and also in the east and north of France; thunderstorms occurring over the north of England and lightning at Lyons and Biarritz. Solar halos seen at Oxford and Jersey.*

*Temperatures fallen a little in Ireland and England, as well as in Italy, Poland, and the south of Russia, but risen elsewhere. Morning readings highest 65° at Barcelona, 64° at La Cella, and 62° at Biarritz and Oran, above 55° at most of the Mediterranean stations, and above 50° in several parts of Scotland. Lowest 35° at Kharkov, 36° at Archangel and Kiev, and 38° at Ikapavanda. Daily maxima below 55° in many parts of the United Kingdom, but thermometers reaching 60° at Kinn, Loughborough and Cambridge. Rising to between 65° and 70° at most of the French and German stations, and reaching 72° at Brest and Biarritz.*

*Wind strong to a gale from the S<sup>W</sup> or S<sup>W</sup><sup>nd</sup> on our western coasts, and light to fresh from the same quarters over the Channel, the Bay of Biscay, and the western part of the Iberian Peninsula. Light or moderate from the SE<sup>th</sup> over the northern parts of Great Britain and also on the eastern shores of the North Sea. Calm or S<sup>W</sup><sup>th</sup> over Sweden and northern Russia; E<sup>th</sup> or NE<sup>th</sup> in the south of Russia; N<sup>th</sup> or NW<sup>th</sup> over the southern parts of Italy and the Adriatic; variable in Algeria and the south of France. No important change occurring during day.*

*Barometer highest 30.4 ins. and upwards in an anticyclone lying over Central Russia; 30.1 ins. and upwards in three other areas lying over the Mediterranean, Algeria, and the south of Spain. Lowest 29.1 ins. and less, in a depression off the west of Ireland. Gradients rather steep over our western coasts generally. Depression filling up slowly during day, but shallow secondary systems advancing over our Islands from the southward.*

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on Friday 27<sup>th</sup> April, 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

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STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.					
	BAROM.	TRMP.	WIND.		Weather		BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.					
			At 32° and M.S.L.	Dry Bulb.			Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Direc.	Force (0 to 12.)	Weather.	Max.	Min.	Rainfall.
<b>SCANDINAVIA.</b>																						
Haparanda ...	† 30.10	34	2	0	f	30.10	- .02	35	35	- 1	SW	2	f	#	#	37	27	-				
Hernösand ...	† 29.98	41	2	0	f	30.05	- .04	42	41	- 8	S	2	f	#	#	32	37	-				
Stockholm ...	† 30.11	43	2	0	b	30.07	- .05	49	46	+ 3	SSE	2	f	#	#	52	41	-				
Wisby ...	† 30.11	44	SW	4	c	30.09	- .03	53	49	+ 6	S	2	b	#	#	55	41	-				
Bodo ...	29.98	44	NE	1	b	29.87	- .15	51	44	+ 9	E	4	b	2	#	52	39	-				
Christiansund ...	29.82	48	NE	3	c	29.81	- .07	51	46	- 1	SW	1	b	1	#	54	48	-				
Skudesnaes ...	29.77	47	SSE	4	o	29.76	- .11	45	45	- 5	2	0	f	2	#	52	43	-				
Færder (Christiania Fjord)	29.87	50	SSE	4	o	29.82	- .10	47	47	+ 3	SSE	2	f	2	#	50	43	-				
Skagen (The Seaw)	29.86	49	S	2	o	29.77	- .21	48	48	0	SE	3	r	1	#	52	46	0.04				
Fanø ...	29.81	49	SSE	1	b	29.60	- .28	51	51	0	E	5	cp	#	#	64	41	0.35				
Sumburgh Head	29.61	46	SE	3	o	29.63	+ .02	46	45	- 1	SE	1	c	4	#	50	42	-				
Stornoway ...	29.45	50	SE	4	b	29.53	+ .14	50	48	+ 1	2	0	b	2	#	52	35	0.02				
Wick ...	29.53	47	S	4	b	29.60	+ .06	45	44	- 4	S	3	o	2	#	54	44	-				
Nairn ...	29.47	55	WSW	2	c	29.57	+ .08	45	43	- 5	WSW	1	b	1	#	60	31	-				
Aberdeen ...	29.58	47	SSE	3	b	29.60	.00	45	43	- 4	SE	1	o	2	#	54	43	-				
Leith ...	29.52	51	W	2	r	29.57	+ .01	51	46	0	2	0	c	#	#	59	35	0.09				
Shields ...	29.57	49	S	2	c	29.58	- .05	47	44	- 1	2	0	bm	3	#	52	37	0.13				
Spurn Head ...	29.61	51	SSE	3	cv	29.57	- .11	48	48	+ 1	WNW	2	b	2	#	52	44	0.12				
York ...	29.60	53	S	1	b	29.58	- .08	41	41	- 5	NNW	1	f	#	#	56	34	0.04				
Loughborough ...	29.61	55	SW	2	b	29.62	- .05	44	43	- 3	SE	1	b	#	#	58	32	0.27				
<b>BRITISH ISLANDS.</b>																						
Ardrossan ...	29.50	50	SSE	4	b	29.55	+ .05	52	49	+ 3	E	1	b	1	#	52	45	-				
Malin Head ...	29.34	50	S	4	o	29.50	+ .17	48	46	0	S	1	o	0	#	57	45	0.03				
Belmullet ...	29.32	51	SW	3	o	29.54	+ .25	49	48	0	NN	3	c	#	#	54	45	0.12				
Donaghadee ...	29.49	50	S	6	b	29.54	+ .05	50	49	- 1	SSW	5	c	3	#	52	48	0.04				
Liverpool (Biston)	29.58	51	NNW	1	c	29.58	- .03	51	47	+ 4	SSE	1	b	2	#	58	41	0.08				
Holyhead ...	29.56	50	S	5	b	29.55	.00	51	49	0	SE	3	cp	2	#	54	46	-				
Parsonstown ...	29.63	49	SW	2	o	29.52	+ .09	49	46	- 1	2	0	b	#	#	54	44	0.19				
Valencia ...	29.45	51	SW	5	cp	29.59	+ .15	54	49	+ 4	WNW	7	b	6	#	54	48	0.45				
Roche's Point ...	29.50	52	SW	5	b	29.46	- .02	50	49	- 1	NN	4	p	4	#	54	48	0.08				
Pembroke (St. Ann's Hd.)	29.57	50	SW	4	b	29.53	- .04	49	49	+ 2	SW	5	p	5	#	51	45	0.08				
Seilly ...	29.68	54	SW	4	b	29.63	+ .04	53	50	+ 2	WSW	5	c	4	#	57	47	-				
Prawle Point ...	29.65	50	SW	2	b	29.67	+ .05	50	49	+ 3	WSW	5	b	3	#	52	46	0.05				
Jersey (St. Aubin's)	29.68	51	S	4	rm	29.76	+ .01	53	50	+ 1	SW	4	bm	4	#	54	48	0.76				
Hurst Castle ...	29.66	52	SW	3	o	29.68	- .01	53	50	+ 1	WSW	5	c	5	#	56	47	-				
Dungeness ...	29.69	50	W	3	cp	29.64	- .11	51	49	0	WNW	4	o	3	#	53	45	0.71				
North Foreland	29.70	53	SSW	3	og	29.61	- .15	48	47	- 4	W	3	r	3	#	57	46	0.75				
London (Biston) ...	29.67	52	S	3	b	29.66	- .06	50	47	- 2	WSW	2	b	#	#	62	45	0.09				
Oxford ...	29.65	51	SSW	1	c	29.65	- .02	49	46	- 2	SW	3	b	#	#	58	42	0.11				
Cambridge ...	29.65	52	SSE	2	b	29.62	- .09	49	46	- 3	W	2	c	#	#	62	41	0.01				
Yarmouth ...	29.69	53	S	3	c	29.54	- .19	49	48	- 2	NN	2	rm	3	#	65	46	0.65				
<b>GERMANY &amp; HOLLAND.</b>																						
Cuxhaven ...	29.82	56	NE	1	b	29.66	- .23	55	54	+ 1	SSW	2	b	#	#	64	53	0.20				
Berlin ...	29.89	44	SE	4	c	29.82	- .16	59	54	+ 4	SE	4	c	#	#	73	54	-				
Wiesbaden ...	?	#	#	#	#	29.88	- .09	52	52	- 2	SW	4	r	#	#	70	52	0.04				
Munich ...	29.91	58	SE	3	b	29.91	- .13	60	52	+ 4	W	4	b	#	#	70	46	-				
The Helder ...	29.79	53	E	1	c	29.58	- .26	53	51	+ 1	SW	6	b	3	#	57	52	0.04				
<b>FRANCE &amp; BELGIUM.</b>																						
Brussels (a.m.) ...	?	#	#	#	#	29.70	- .17	50	48	- 4	SSE	5	c	#	#	64	48	0.35				
Cape Gris Nez ...	29.70	50	S	3	r	29.61	- .14	48	47	- 3	W	6	r	6	#	57	45	1.30				
Paris ...	29.75	56	SW	1	o	29.84	- .05	48	46	- 4	SSW	3	o	#	#	68	48	0.28				
Brest ...	?	50	NNW	1	c	?	?	50	48	0	W	4	c	#	#	55	46	0.08				
Lorient ...	29.67	50	SSW	2	r	29.80	+ .05	51	48	- 1	SW	5	b	5	#	55	46	1.10				
Rochefort ...	29.81	55	W	6	o	29.97	+ .10	53	49	0	W	4	c	#	#	66	46	0.04				
Belfort ...	?	61	S	4	o	30.03	+ .04	50	48	- 10	NN	1	r	#	#	72	49	0.08				
Lyons ...	29.88	54	SE	1	o	29.97	- .14	51	49	- 1	SE	2	c	#	#	64	48	-				
Nice ...	30.09	66	S	5	o	30.00	+ .01	54	49	- 5	NN	2	b	#	#	70	52	-				
Perpignan ...	?	56	NN	6	r	30.02	+ .20	53	48	- 10	SSW	3	b	4	#	75	48	0.04				
Biarritz ...	29.91	56	NN	6	r	?	?	?	?	?	?	?	?	#	#	?	?	?				
<b>PENIN- SULA.</b>																						
Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	#	#	?	?	?				
Lisbon ...	30.19	52	NN	3	b	30.24	+ .24	56	50	- 2	WNW	4	b	#	#	63	50	-				
Azores (P. Delgada) †	30.42	53	N	3	b	30.47	+ .17	58	54	+ 2	NNE	1	b	1	#	61	50	-				

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR

FRIDAY, 27<sup>th</sup> APRIL, 1894.

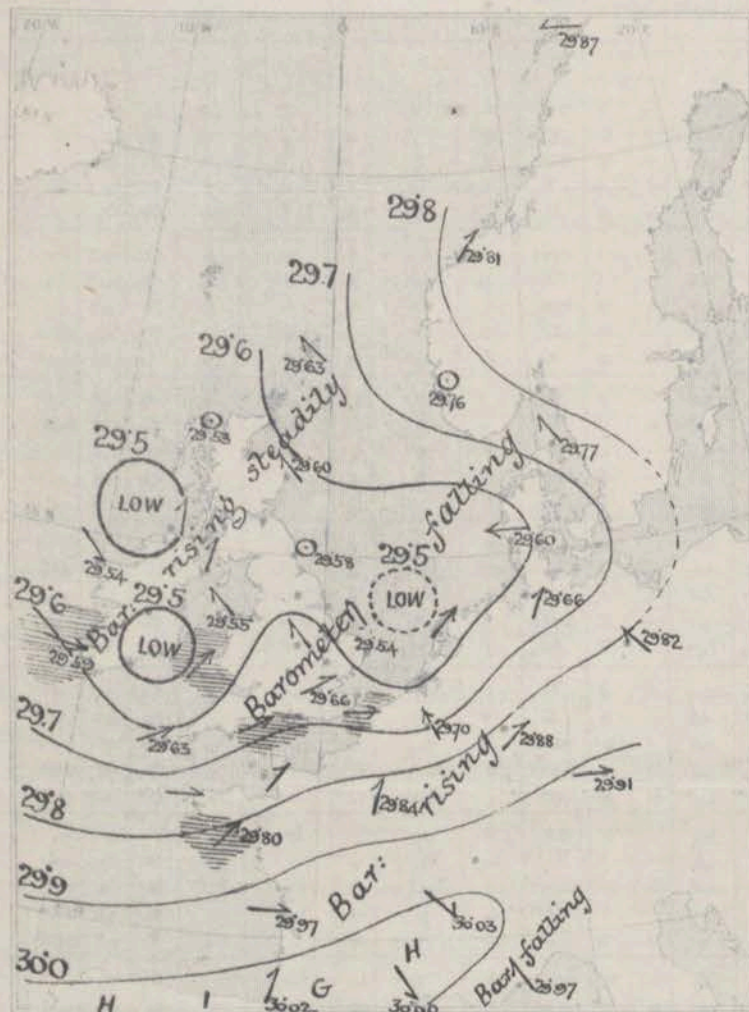
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → Force 3 to 4 → Force 1 to 2 → Calm ☉

SEA—Rough → High →

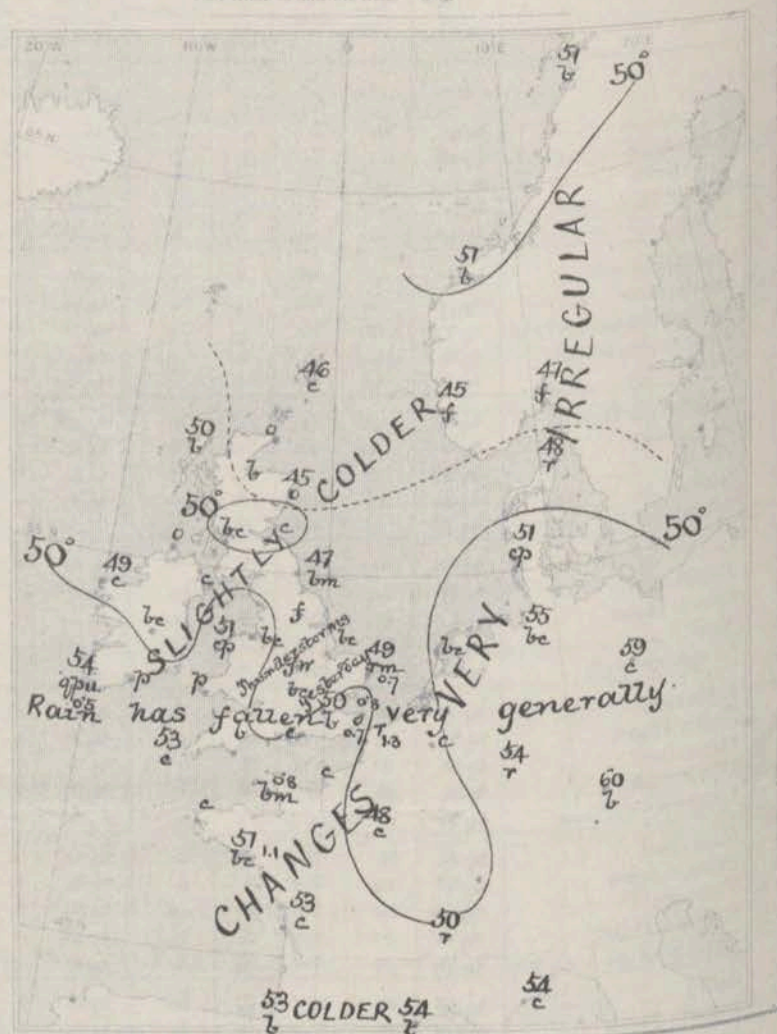


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.5.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871-90.)		TEMPERATURE (20 years 1871-90.)				RAINFALL. (25 years 1866-90.)		BRIGHT SUNSHINE (10 years 1881-90.)	
	(Inches.)		100 Faths. Surf.	100 Faths. Bottom.	Daily Maximum.	Daily Minimum.	(Inches.)		Hours.	Per cent. of possible.
Scrimsham Head	29.810		41.7	40.2	50.0	28.7	2.07		—	26
Scrimsham	29.824		41.8	40.3	48.9	27.2	2.65		152.3	—
Wick	29.845		41.9	41.0	48.0	26.0	1.68		—	—
Nairn	29.818		41.7	40.4	50.9	27.3	1.26		—	34
Abertree	29.858		41.9	40.5	49.3	28.0	2.16		143.0	—
East. 50-100	29.863		41.1	41.7	52.0	25.0	1.24		—	—
Wick	29.868		41.5	41.0	49.0	28.0	1.80		—	—
Sparg Head	29.863		41.0	42.3	48.1	26.3	1.45		—	30
York	29.875		41.8	41.0	51.0	27.7	1.75		128.0	—
East. 100-200	29.870		41.1	42.4	51.1	28.1	1.78		—	—
East. 200-300	29.865		41.4	42.1	51.4	28.3	2.14		—	—
East. 300-400	29.860		41.6	42.0	51.0	28.0	1.62		—	—
East. 400-500	29.855		41.8	42.2	51.4	28.0	1.00		—	—
East. 500-600	29.850		41.9	42.3	51.6	28.1	1.55		—	30
East. 600-700	29.845		42.0	42.4	51.7	28.2	2.04		150.0	—
East. 700-800	29.840		42.1	42.5	51.8	28.3	2.84		160.3	—
East. 800-900	29.835		42.2	42.6	51.9	28.4	3.21		160.3	—
East. 900-1000	29.830		42.3	42.7	52.0	28.5	3.58		160.3	—
East. 1000-1100	29.825		42.4	42.8	52.1	28.6	3.95		160.3	—
East. 1100-1200	29.820		42.5	42.9	52.2	28.7	4.32		160.3	—
East. 1200-1300	29.815		42.6	43.0	52.3	28.8	4.69		160.3	—
East. 1300-1400	29.810		42.7	43.1	52.4	28.9	5.06		160.3	—
East. 1400-1500	29.805		42.8	43.2	52.5	29.0	5.43		160.3	—
East. 1500-1600	29.800		42.9	43.3	52.6	29.1	5.80		160.3	—
East. 1600-1700	29.795		43.0	43.4	52.7	29.2	6.17		160.3	—
East. 1700-1800	29.790		43.1	43.5	52.8	29.3	6.54		160.3	—
East. 1800-1900	29.785		43.2	43.6	52.9	29.4	6.91		160.3	—
East. 1900-2000	29.780		43.3	43.7	53.0	29.5	7.28		160.3	—
East. 2000-2100	29.775		43.4	43.8	53.1	29.6	7.65		160.3	—
East. 2100-2200	29.770		43.5	43.9	53.2	29.7	8.02		160.3	—
East. 2200-2300	29.765		43.6	44.0	53.3	29.8	8.39		160.3	—
East. 2300-2400	29.760		43.7	44.1	53.4	29.9	8.76		160.3	—
East. 2400-2500	29.755		43.8	44.2	53.5	30.0	9.13		160.3	—
East. 2500-2600	29.750		43.9	44.3	53.6	30.1	9.50		160.3	—
East. 2600-2700	29.745		44.0	44.4	53.7	30.2	9.87		160.3	—
East. 2700-2800	29.740		44.1	44.5	53.8	30.3	10.24		160.3	—
East. 2800-2900	29.735		44.2	44.6	53.9	30.4	10.61		160.3	—
East. 2900-3000	29.730		44.3	44.7	54.0	30.5	10.98		160.3	—
East. 3000-3100	29.725		44.4	44.8	54.1	30.6	11.35		160.3	—
East. 3100-3200	29.720		44.5	44.9	54.2	30.7	11.72		160.3	—
East. 3200-3300	29.715		44.6	45.0	54.3	30.8	12.09		160.3	—
East. 3300-3400	29.710		44.7	45.1	54.4	30.9	12.46		160.3	—
East. 3400-3500	29.705		44.8	45.2	54.5	31.0	12.83		160.3	—
East. 3500-3600	29.700		44.9	45.3	54.6	31.1	13.20		160.3	—
East. 3600-3700	29.695		45.0	45.4	54.7	31.2	13.57		160.3	—
East. 3700-3800	29.690		45.1	45.5	54.8	31.3	13.94		160.3	—
East. 3800-3900	29.685		45.2	45.6	54.9	31.4	14.31		160.3	—
East. 3900-4000	29.680		45.3	45.7	55.0	31.5	14.68		160.3	—
East. 4000-4100	29.675		45.4	45.8	55.1	31.6	15.05		160.3	—
East. 4100-4200	29.670		45.5	45.9	55.2	31.7	15.42		160.3	—
East. 4200-4300	29.665		45.6	46.0	55.3	31.8	15.79		160.3	—
East. 4300-4400	29.660		45.7	46.1	55.4	31.9	16.16		160.3	—
East. 4400-4500	29.655		45.8	46.2	55.5	32.0	16.53		160.3	—
East. 4500-4600	29.650		45.9	46.3	55.6	32.1	16.90		160.3	—
East. 4600-4700	29.645		46.0	46.4	55.7	32.2	17.27		160.3	—
East. 4700-4800	29.640		46.1	46.5	55.8	32.3	17.64		160.3	—
East. 4800-4900	29.635		46.2	46.6	55.9	32.4	18.01		160.3	—
East. 4900-5000	29.630		46.3	46.7	56.0	32.5	18.38		160.3	—
East. 5000-5100	29.625		46.4	46.8	56.1	32.6	18.75		160.3	—
East. 5100-5200	29.620		46.5	46.9	56.2	32.7	19.12		160.3	—
East. 5200-5300	29.615		46.6	47.0	56.3	32.8	19.49		160.3	—
East. 5300-5400	29.610		46.7	47.1	56.4	32.9	19.86		160.3	—
East. 5400-5500	29.605		46.8	47.2	56.5	33.0	20.23		160.3	—
East. 5500-5600	29.600		46.9	47.3	56.6	33.1	20.60		160.3	—
East. 5600-5700	29.595		47.0	47.4	56.7	33.2	20.97		160.3	—
East. 5700-5800	29.590		47.1	47.5	56.8	33.3	21.34		160.3	—
East. 5800-5900	29.585		47.2	47.6	56.9	33.4	21.71		160.3	—
East. 5900-6000	29.580		47.3	47.7	57.0	33.5	22.08		160.3	—
East. 6000-6100	29.575		47.4	47.8	57.1	33.6	22.45		160.3	—
East. 6100-6200	29.570		47.5	47.9	57.2	33.7	22.82		160.3	—
East. 6200-6300	29.565		47.6	48.0	57.3	33.8	23.19		160.3	—
East. 6300-6400	29.560		47.7	48.1	57.4	33.9	23.56		160.3	—
East. 6400-6500	29.555		47.8	48.2	57.5	34.0	23.93		160.3	—
East. 6500-6600	29.550		47.9	48.3	57.6	34.1	24.30		160.3	—
East. 6600-6700	29.545		48.0	48.4	57.7	34.2	24.67		160.3	—
East. 6700-6800	29.540		48.1	48.5	57.8	34.3	25.04		160.3	—
East. 6800-6900	29.535		48.2	48.6	57.9	34.4	25.41		160.3	—
East. 6900-7000	29.530		48.3	48.7	58.0	34.5	25.78		160.3	—
East. 7000-7100	29.525		48.4	48.8	58.1	34.6	26.15		160.3	—
East. 7100-7200	29.520		48.5	48.9	58.2	34.7	26.52		160.3	—
East. 7200-7300	29.515		48.6	49.0	58.3	34.8	26.89		160.3	—
East. 7300-7400	29.510		48.7	49.1	58.4	34.9	27.26		160.3	—
East. 7400-7500	29.505		48.8	49.2	58.5	35.0	27.63		160.3	—
East. 7500-7600	29.500		48.9	49.3	58.6	35.1	28.00		160.3	—
East. 7600-7700	29.495		49.0	49.4	58.7	35.2	28.37		160.3	—
East. 7700-7800	29.490		49.1	49.5	58.8	35.3	28.74		160.3	—
East. 7800-7900	29.485		49.2	49.6	58.9	35.4	29.11		160.3	—
East. 7900-8000	29.480		49.3	49.7	59.0	35.5	29.48		160.3	—
East. 8000-8100	29.475		49.4	49.8	59.1	35.6	29.85		160.3	—
East. 8100-8200	29.470		49.5	49.9	59.2	35.7	30.22		160.3	—
East. 8200-8300	29.465		49.6	50.0	59.3	35.8	30.59		160.3	—
East. 8300-8400	29.460		49.7	50.1	59.4	35.9	30.96		160.3	—
East. 8400-8500	29.455		49.8	50.2	59.5	36.0	31.33		160.3	—
East. 8500-8600	29.450		49.9	50.3	59.6	36.1	31.70		160.3	—
East. 8600-8700	29.445		50.0	50.4	59.7	36.2	32.07		160.3	—
East. 8700-8800	29.440		50.1	50.5	59.8	36.3	32.44		160.3	—
East. 8800-8900	29.435		50.2	50.6	59.9	36.4	32.81		160.3	—
East. 8900-9000	29.430		50.3	50.7	60.0	36.5	33.18		160.3	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest 30.2 ins. and upwards in the south of Portugal.

Lowest 29.5 ins. and less in three small depressions, - one lying off the north west of Ireland, another over the southeast of that country, and a third off the east coast of England.

Gradients moderate or slight. Barometer rising in Ireland & Scotland, and also in France but falling elsewhere.

## TEMPERATURE

Highest 60° at Munich, 59° at Berlin, 58° at Lisbon, 55° at Copenhague, and 54° at Wiesbaden, Nice & Perpignan.

Lowest 41° at York, 44° at Loughborough, 45° at Skudenes, Wick, Nain & Aberdeen and 46° at Sandburg Head.

The highest maxima registered over our Islands yesterday were 62° at Cambridge, & 60° at Nain & in London.

## WIND

Moderate to strong from the NW<sup>2</sup> in the west and south of Ireland, and from the W<sup>2</sup> or SW<sup>2</sup> over the south of England and the greater part of France and Germany.

Light from the NW<sup>2</sup> in the east of England, SE<sup>2</sup> or S<sup>2</sup> over the Irish Sea and the east of Scotland.

Moderate from E or SE in Denmark; variable in the south of France.

## WEATHER

Changeable and showery over the greater part of W<sup>2</sup> Europe, but fine at some of the Scotch stations & also in the N. of Norway. Fog is reported over the north of England and the south of Norway, and thunder at Perpignan.

In the course of the past 24 hours heavy rain has fallen at several of our southern and southeastern stations, as well as in the north of France, the largest amounts being 1.3 ins. at Cape Gris Nez, 1.1 ins. at Lisieux, and 0.8 ins. at Jersey and the North Foreland. Thunderstorms occurred yesterday in many parts of England.

## SEA

Rough or rather so on the more exposed parts of our south and southwest coasts, but moderate or slight elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The small depression over the southeast of Ireland seems likely to move eastwards, - and showery weather will probably continue in most districts, with thunder in many parts of England.

## FORECASTS

For the 24 hours ending at NOON on 28<sup>TH</sup> APRIL 1894.

### DISTRICTS.

### FORECASTS.

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

SE<sup>2</sup> to variable airs, cloudy, some showers.

Light variable airs, changeable, some showers, thunder locally.

SW<sup>2</sup> to W<sup>2</sup> winds, moderate or fresh, changeable, some showers, thunder locally.

### DISTRICTS.

### FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

Same as Nos. 0 and 1.

SW<sup>2</sup> to NW<sup>2</sup> winds, fresh, changeable, showery.

W<sup>2</sup> and NW<sup>2</sup> winds, fresh, showery to fair.

### WARNINGS

None Issued.

The South Cone, when given, indicates that gales or strong winds are probable, at first from the Southward, then from the S.E. round by S. to the N.W. Should it appear likely that a gale beginning from the N.W. will turn to the N. or N.E. the North Cone is instead of the South Cone.

The North Cone, when given, indicates that gales or strong winds are probable, at first from the Northward, then from the N.W. round by N. to the S.W. Should it appear likely that a gale beginning from between E. and S.E. will turn to the S. or S.W. the South Cone is instead of the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.81	51	47	SSE	1	o	3	Valencia ...	29.44	49	48	SW	5	p	4
Sumburgh Head ...	29.61	48	48	SE	3	o	5	Scilly ...	29.63	50	52	SW	4	bc	4
Stornoway ...	29.44	51	48	SE	3	c	3	Jersey ...	29.73	51	48	S	5	r	5
Aberdeen ...	29.59	52	46	SSE	3	b	3	Hurst Castle ...	29.70	55	52	SW	3	o	3
Shields ...	29.58	48	46	SE	3	c	3	Dungeness ...	29.74	53	51	SW	3	o	3
Ardrossan ...	29.50	52	50	SSE	4	c	3	North Foreland ...	29.74	54	52	S	4	o	#
Malin Head ...								London (Westminster) ...	29.69	58	51	S	5	cq	4
Belmullet ...	29.51	52	50	SSW	3	cp	#	Yarmouth ...	29.72	53	50	S	5	c	#
Holyhead ...	29.57	53	50	SSW	5	bc	4	Rocheport ...	29.82	65	59	WSW	4	r	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

*Weather changeable and showery over England and Ireland, but fine in Scotland. Fine over a considerable portion of the Continent, but dull in Denmark, Sweden and the south of Russia, with rain at Zanzibar and Kiao; dull also over the Spanish peninsula. Thunderstorms occurring later in many parts of England. Heavy rain falling at night over the Channel and extreme southeast of England and the north of France, the largest amounts being 1.3 ins. at Cape Gris-Nez, and 1.1 ins. at Lorient.*

*Temperature changed very irregularly. Morning readings, highest 69° at Lacalle, 65° at Bilbao and Pallas, and 64° at Oran; above 55° in most parts of southern Europe, but below that point in the central parts of Spain and Italy. Lowest 35° at Archangel, 36° at Haparanda, 39° at Kiao, and 41° at Uleaborg. Kuoja and St. Petersburg. Daily maxima below 55° in many parts of the United Kingdom, but thermometer reaching 60° at Kairi and in London, and 62° at Cambridge. Rising to 70° or more over Germany and the south of France.*

*Wind S<sup>3</sup> (SE to SW) over the greater part of western and central Europe, light or moderate in force generally, but strong on some parts of our own western and southern coasts. Variable over the northern parts of Russia, light from the E<sup>nd</sup> or NE<sup>nd</sup> over the south of Russia, and from the NW<sup>nd</sup> or W<sup>nd</sup> in Italy. SW<sup>nd</sup> in Spain; variable in Algeria. Subsequently veering to the SW<sup>nd</sup> in the west and south of our Islands, and to the W<sup>nd</sup> or NW<sup>nd</sup> in the west of France; no important change occurring elsewhere.*

*Barometer highest 30.1 ins. to 30.2 ins. and upwards in an anticyclone lying over the Baltic and the western and central parts of Russia, and also in another system over Italy and the central parts of the Mediterranean. Lowest 29.3 ins. and less in a depression lying to the westward of our Islands. Shallow secondary disturbances moving in a northerly or northeasterly direction across western Europe during day, and barometer falling a little in most places.*

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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# DAILY WEATHER REPORT

for 8 a.m. on *Saturday, 28<sup>th</sup> April, 1894.*

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 55, Victoria Street, London, W. H. SCOTT, Secretary.																					
STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	TEMP.		
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12.)	Weather.	Max.				Min.	Rainfall.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
SCANDINAVIA.	Haparanda ...	30.04	34	Z	0	c	30.02	-.08	39	38	+ 4	W	2	b	#	c	#	39	32	-	
	Hernösand ...	30.02	37	Z	0	f	29.95	-.10	45	43	+ 3	Z	0	b	#	f	#	45	37	-	
	Stockholm ...	30.01	43	S	2	b	29.98	-.09	55	49	+ 6	S	4	b	#	f	#	61	39	-	
	Wisby ...	30.02	46	S	4	b	30.01	-.08	55	53	+ 2	S	2	b	#	b	#	?	41	-	
	Bodo ...	29.85	49	ESE	2	b	29.70	-.17	51	45	0	ESE	2	0	1	b	#	55	46	-	
	Christiansund ...	29.73	50	NNE	3	0	29.70	-.11	48	46	- 3	N	1	f	1	0	#	52	46	0.24	
	Skudesnaes ...	29.60	49	ESE	2	f	29.72	-.04	46	46	+ 1	NW	4	0	2	f	#	54	45	?	
	Færder (Christiania Fjord)	29.69	47	SSE	4	f	29.76	-.06	46	45	- 1	SSE	4	0	3	f	#	48	46	0.79	
	Skagen (The Scaw)	29.67	47	S	3	f	29.78	+0.01	46	45	- 2	SSW	2	f	0	f	#	48	45	0.20	
	Fanø ...	29.66	47	SW	6	0	29.82	+0.22	47	45	- 4	W	4	c	#	0	#	57	46	0.08	
BRITISH ISLANDS.	Sumburgh Head	29.67	47	NE	1	c	29.87	+0.24	47	44	+ 1	Z	0	c	2	c	#	49	41	-	
	Stornoway ...	29.66	52	E	2	b	29.90	+0.37	47	45	- 3	Z	0	b	3	b	#	12.8	57	37	
	Wick ...	29.67	47	E	2	0	29.93	+0.33	51	46	+ 6	N	1	b	1	0	#	52	42	-	
	Nairn ...	29.67	48	Z	0	b	29.92	+0.35	45	44	0	W	1	b	1	b	#	51	30	-	
	Aberdeen ...	29.67	45	ESE	2	0	29.95	+0.35	50	46	+ 5	N	2	c	1	b, 0	#	51	45	-	
	Leith ...	29.62	52	Z	0	b	29.95	+0.38	54	48	+ 3	ESE	1	b	#	b	#	55	40	-	
	Shields ...	29.64	49	NE	1	bcm	29.96	+0.38	46	44	- 1	NW	2	bcm	2	bcm	#	54	40	-	
	Spurn Head ...	29.64	50	ESE	2	c	29.91	+0.34	45	45	- 3	NE	3	on	3	b, c, f	#	55	42	-	
	York ...	29.62	56	E	1	c	29.94	+0.36	45	44	+ 4	N	2	0	#	c	#	60	40	-	
	Loughborough ...	29.64	52	SW	2	c	29.89	+0.27	46	45	+ 2	NE	1	onw	#	c, p	#	63	39	0.05	
GERMANY & HOLLAND.	Ardrossan ...	29.64	50	W	1	c	29.95	+0.40	46	45	- 6	ESE	2	cmw	1	b, c, f, e	#	52	39	0.01	
	Malin Head ...	29.67	52	NW	1	b	29.95	+0.45	50	49	+ 2	W	2	bcw	0	c, b	#	54	46	-	
	Belmullet ...	29.77	50	NW	3	bc	30.02	+0.48	51	48	+ 2	NW	2	c	#	bc	#	53	41	0.03	
	Donaghadee ...	29.67	50	ESE	4	bc	29.95	+0.41	49	47	- 1	N	4	m	2	bc	#	52	47	0.11	
	Liverpool (Bidston)	29.63	50	ESE	2	0	29.93	+0.35	52	48	+ 1	NNE	1	bc	2	0	#	56	46	0.12	
	Holyhead ...	29.62	49	NNE	4	b	29.93	+0.38	51	49	0	N	3	b, w	2	p, b	#	56	46	0.01	
	Parsonstown ...	29.69	53	N	2	0	30.01	+0.49	45	44	- 4	SW	1	c	#	0.0	#	56	39	-	
	Valencia ...	29.82	52	NW	6	b, c, g	30.06	+0.47	51	49	- 3	NW	1	bcm	2	o, p, b, c, g	#	54	47	0.04	
	Roche's Point ...	29.69	53	NW	6	f	30.02	+0.56	50	48	0	N	3	b	3	q	#	54	46	0.10	
	Pembroke (St. Ann's Hd.)	29.57	51	NW	4	c	29.92	+0.39	50	49	+ 1	N	5	b	4	c	#	52	45	0.11	
FRANCE & BELGIUM.	Scilly ...	29.68	51	NW	6	c	29.92	+0.29	51	48	- 2	NW	5	c	4	o, p, c	#	54	48	-	
	Prawle Point ...	29.63	49	NW	6	c	29.84	+0.17	53	50	+ 3	NE	5	b	4	cp	#	53	45	0.05	
	Jersey (St. Aubin's)	29.74	51	SW	4	cp, q	29.78	+0.02	52	50	- 1	NW	3	o, m	3	cp	#	57	47	0.10	
	Hurst Castle ...	29.68	52	SW	4	c	29.82	+0.14	51	50	- 2	ESE	3	cp	3	c	#	56	49	0.10	
	Dungeness ...	29.72	53	NW	4	bc	29.87	+0.18	52	50	+ 1	E	1	c	1	c, bc	#	56	48	-	
	North Foreland	29.72	54	SW	3	b	29.84	+0.23	50	49	+ 2	S	1	0	2	b, c, b	#	57	47	0.01	
	London (Brixton) ...	29.69	53	S	2	c	29.87	+0.21	50	48	0	SE	2	b, cmw	#	b, c, p, b, f	#	57	43	0.01	
	Oxford ...	29.67	51	SSE	3	0	29.87	+0.22	53	50	+ 4	NNE	1	b	#	0	#	58	44	0.70	
	Cambridge ...	29.67	53	SSW	1	c	29.89	+0.27	49	48	0	SSE	1	b	#	c	#	62	39	0.01	
	Yarmouth ...	29.67	52	S	2	bc	29.85	+0.31	51	50	+ 2	N	3	b	2	cp, bc	#	58	45	0.05	
PENINSULA.	Cuxhaven ...	29.67	54	SW	5	c	29.88	+0.22	50	49	- 5	SW	1	m	#	c	#	59	47	-	
	Berlin ...	29.85	61	NW	3	0	29.88	+0.06	48	46	- 11	NW	3	f	#	0	#	73	48	0.67	
	Wiesbaden ...	#	#	#	#	#	29.90	+0.02	48	46	- 6	S	2	0	#	#	#	61	43	0.04	
	Munich ...	29.97	45	SW	5	f	29.88	-0.03	42	42	- 18	NW	2	f	#	f	#	66	41	0.32	
	The Helder ...	29.80	50	SW	3	b	29.92	+0.34	50	50	- 3	S	1	bc	1	b	#	54	39	0.08	
	Brussels (9 a.m.) ...	#	#	#	#	#	29.86	+0.16	50	48	0	NW	1	c	#	c	#	59	42	0.08	
	Cape Gris Nez ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Paris ...	29.84	53	SSW	3	c	29.85	+0.01	47	46	- 1	SSE	2	0	#	c, f	#	62	42	0.08	
	Brest ...	?	52	NW	3	f	?	?	50	47	0	NW	5	0	4	f	#	55	46	0.12	
	Lorient ...	29.80	50	W	5	c	29.82	+0.02	50	48	- 1	NW	5	bc	4	c	#	55	46	0.24	
GERMANY & HOLLAND.	Rochefort ...	29.92	55	W	5	c	29.87	-0.10	51	48	- 2	NW	5	0	#	c	#	59	46	0.35	
	Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lyons ...	29.96	50	NE	1	bc	29.91	-0.12	47	45	- 3	N	1	0	#	b, c, l	#	56	44	0.16	
	Nice ...	29.87	55	SW	1	0	29.70	-0.27	52	51	+ 4	NE	2	b	1	0	#	68	52	0.58	
	Perpignan ...	29.98	57	W	1	0	29.96	-0.04	54	48	0	NW	3	bc	#	0	#	66	46	0.58	
	Biarritz ...	30.03	56	W	4	c	29.99	-0.03	46	45	- 7	W	7	f	5	c	#	61	45	0.47	
PENINSULA.	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lisbon ...	30.33	53	NW	2	b	30.26	+0.02	56	54	0	NW	4	0	#	b	#	61	52	0.04	
	Azores (P. Delgada)	30.52	58	Z	0	b	30.53	+0.06	58	55	0	S	3	c	2	b	#	64	55	-	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



# WEATHER CHARTS

FOR SATURDAY, 28<sup>TH</sup> APRIL, 1894.

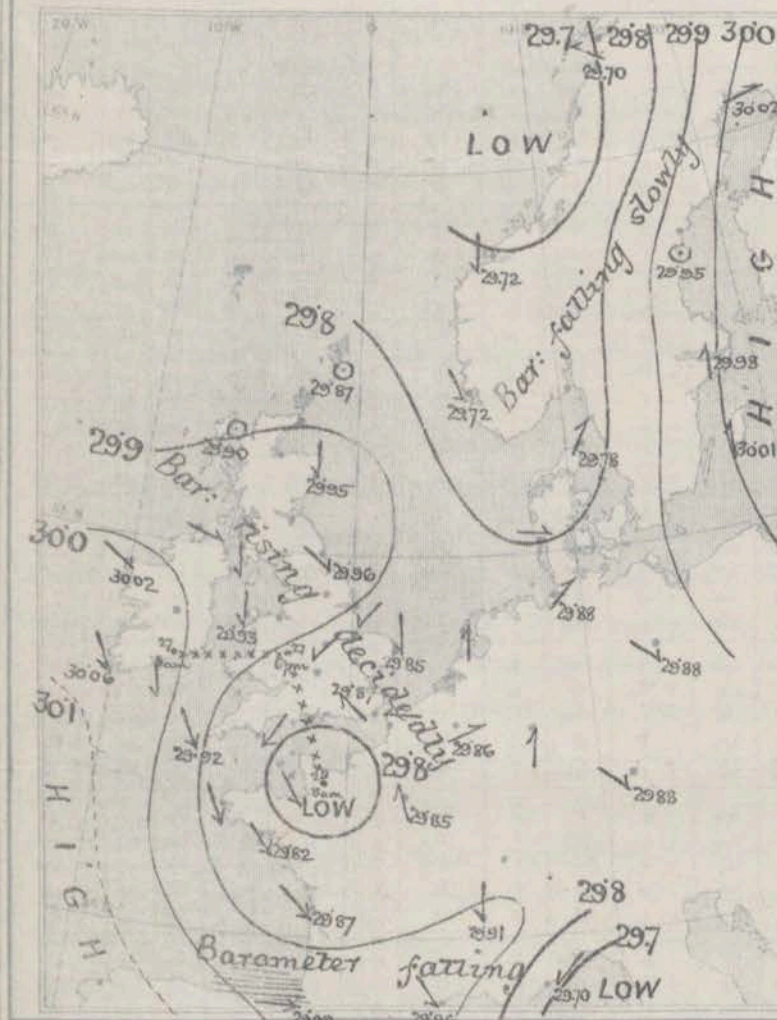
## BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ☉  
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough ≡ : High ≡

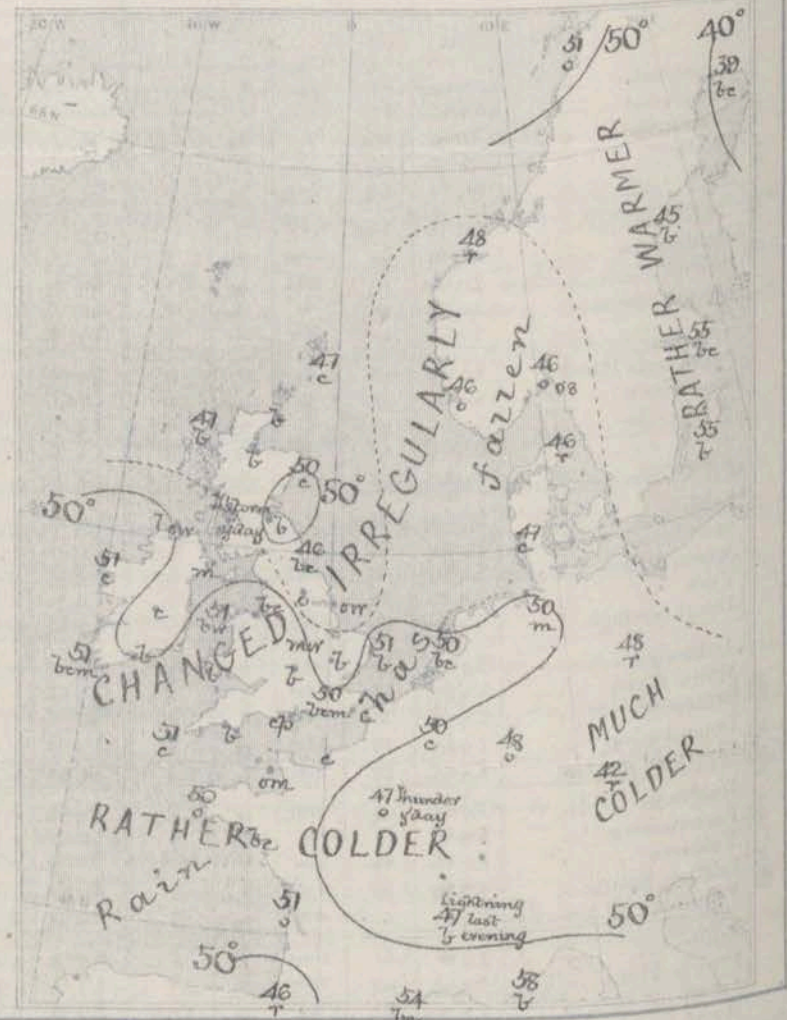


## TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



## MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF APRIL.

STATIONS.	PRESSURE. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possibility.
Sunderland	29.840	41.7	40.2	46.0	36.7	2.97	—	36
Stockport	29.824	43.8	42.3	48.9	37.2	2.65	152.3	—
Wick	29.818	43.1	41.2	48.9	36.9	1.68	—	—
Yarm	29.818	42.7	40.4	50.9	37.3	1.26	—	31
Barnsley	29.808	43.2	40.7	49.3	38.0	2.16	143.0	—
Leeds	29.803	44.3	41.5	52.0	37.9	1.37	—	—
Sheffield	29.805	43.5	41.4	49.0	38.6	1.80	—	—
Spurn Head	29.803	44.0	42.3	48.4	40.3	1.43	—	31
York	29.875	45.8	41.6	53.5	37.7	1.75	128.6	—
Loughborough	29.879	44.4	42.1	55.1	38.1	1.78	—	—
Andover	29.857	44.4	42.1	51.5	39.5	2.14	—	—
Birmingham	29.859	41.6	42.9	51.0	40.0	1.22	—	—
Bristol	29.857	45.8	43.8	51.4	42.0	1.20	—	—
Liverpool	29.867	45.0	42.1	52.6	40.4	1.35	—	30
Cardiff	29.864	45.0	42.5	54.6	38.0	2.04	159.9	—
Valencia	29.854	48.2	45.6	53.9	42.8	3.83	109.3	—
Port of Spain	29.831	46.8	44.5	53.7	42.1	3.24	—	14
Sanchez	29.832	45.2	43.4	50.4	41.9	1.94	152.9	—
Sanchez	29.830	48.6	46.0	52.1	44.7	2.27	—	—
Port of Spain	29.836	46.2	44.6	51.0	40.7	2.07	—	40
Jamaica	29.822	48.3	45.9	51.2	43.5	2.08	187.6	—
Harbour Castle	29.821	45.5	44.2	52.1	41.0	1.83	—	—
Havana	29.821	46.9	44.0	51.1	41.5	1.77	—	30
LONDON	29.828	46.1	43.2	50.0	39.7	1.84	124.3	—
Oxford	29.824	44.4	42.1	54.0	38.9	1.78	141.2	—
Cambridge	29.820	45.5	43.0	55.8	37.3	1.69	147.8	—
Yarmouth	29.822	44.4	43.0	49.1	39.9	1.70	—	—



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.2 in. and upwards in Portugal; 30.0 in. and upwards in the west and south of Ireland, and also over the Gulf of Bothnia, and the northern part of the Baltic.  
Lowest, 29.7 in. and less in a depression lying off the coast of Ireland, 29.8 in. and less, in a shallow system over the Channel and north of France.  
Gradients slight. Barometer falling in Scandinavia and also in the south of France, but rising elsewhere.

## TEMPERATURE

Highest, (1) 58° at Nice, 56° at Lisbon and 54° at Perpignan; (2) 55° at Stockholm and Malmö; (3) 54° at Leith, and 53° at Oxford and Plover Point.  
Lowest, (1) 38° at Haparanda, 45° at Helsingfors, and 46° at Helsingfors, Frederik and Rogen; (2) 45° at Havre, York, and Portsmouth.  
The highest maxima registered over our Islands yesterday were 63° at Loughborough, 62° at Cambridge, and 61° at London.

## WIND

N<sup>3</sup> in most parts of the United Kingdom, and fresh in force on the southeast coast of England; light from the E<sup>3</sup> or NE<sup>3</sup> in the eastern part of the Channel.  
Fresh to strong from the NW<sup>3</sup> in the coast of France, and light from the same quarter in Germany.  
S<sup>3</sup> in Sweden and Denmark, but N<sup>3</sup> or NW<sup>3</sup> in the coast of Norway.

## WEATHER

Fine over the greater part of our Islands, but dull at some of our central stations, and showery at Hurst Castle.  
Fine in Sweden and also in the south of France; cloudy in the other Continental countries, with rain at some of the Russian, Danish, and Prussian stations, as well as at Helsingfors.  
Showers occurred yesterday in most parts of Ireland and England, and considerable falls of rain at some of the French and German stations. Thunderstorms were experienced at Antwerp and Paris and lightning was seen at Lyons.

## SEA

Rather rough at Biarritz and moderate on our southwest coast, but slight or smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

An anticyclone is now spreading over our Islands from the westward and fine weather seems likely to prevail in nearly all districts.

## FORECASTS

For the 24 hours ending at NOON on 29<sup>th</sup> APRIL 1894.

### DISTRICTS.



### FORECASTS.

0	SCOTLAND NORTH	} N <sup>3</sup> to NW <sup>3</sup> winds, light; fine generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	} N <sup>3</sup> winds, light; fine generally.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	NE <sup>3</sup> to N <sup>3</sup> winds, light; fine generally.

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	} Same as Nos 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NW <sup>3</sup> winds, falling light; fine generally.
9	IRELAND NORTH	} N <sup>3</sup> and NW <sup>3</sup> winds, light; fine generally.
10	IRELAND SOUTH	
WARNINGS		None issued.

The South Cone, point downwards ( , means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.  
The North Cone, point upwards ( , means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.70	52	51	N	2	r	2	Valencia ...	29.75	51	49	W	6	oq	6
Sumburgh Head ...	29.68	47	46	SE	1	c	2	Scilly ...	29.64	53	50	N	6	o	4
Stornoway ...	29.61	55	49	SE	3	b	3	Jersey ...	29.76	51	51	SW	4	bc	4
Aberdeen ...	29.63	50	47	E	2	b	2	Hurst Castle ...	29.69	55	52	W	5	c	4
Shields ...	29.62	52	47	NE	2	bc	3	Dungeness ...	29.72	55	52	W	5	bc	4
Ardrossan ...	29.60	52	50	N	0	bc	1	North Foreland ...	29.70	57	53	SW	5	bc	4
Malin Head ...	29.60	53	50	W	1	c	0	London (Westminster) ...	29.67	57	54	S	9	ep	3
Belmullet ...	29.69	52	48	W	3	cp	2	Yarmouth ...	29.63	58	52	N	3	c	2
Holyhead ...	29.58	53	49	ESE	3	f	2	Rocheport ...	29.95	56	52	W	5	c	2

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather changeable and showery over Western Europe generally, but fine at some of the Scotch stations and also in the west of Norway. Foggy over the north of England, as well as in the south of Norway and the north of Sweden. Dull over Russia and also over northern Italy; fine over the Baltic, Eastern Germany, and Austria, as well as in Spain and the south of Italy. Showers occurring during day over nearly the whole of England and Ireland, and considerable falls of rain at some of the French and German stations. Thunderstorms occurring at Ardrossan and Paris, and lightning seen at Lyons.

Temperature changed irregularly. Morning readings highest 70° at La Calle, 66° at Athens, and 65° at Algiers; above 60° at some of the Mediterranean and Adriatic stations and above 55° on the coast of the Spanish Peninsula. Lowest (1) 35° at Haparanda 37° at Archangel and 42° at Hango; (2) 41° at York and 44° at Loughborough. Daily maxima below 55° in many parts of the United Kingdom but thermometer reaching 62° at Cambridge, and 63° at Loughborough. Exceeding 65° in Germany and the south of France, the highest reading of all being 73° at Berlin.

Wind fresh from the W. over the southern parts of the United Kingdom; moderate from the same quarter or from SW. over France and Spain. Moderate to strong from the SE. over Denmark, Germany, and the Netherlands, and light from the same quarter over the northern parts of Great Britain, but NW. in the east of England. S. in Sweden, variable in Russia, Austria, Italy, and Algeria. Subsequently veering to the NW. on our southwest coast, and blowing strongly; shifting to the NE. over the northern parts of our Islands.

Barometer highest 30.3 in. and upwards, in an anticyclone over Central Russia; 30.2 in. and upwards in another system over the southern part of the Spanish Peninsula. Lowest 29.5 in. and less, in three small depressions, - one lying off the northwest of Ireland, another over the southeast of that country, and a third off the east of England. Low pressure systems subsequently filling up either partially or entirely and barometer rising over the whole of the United Kingdom.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.  
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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" Weekly " " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 29<sup>th</sup> April, 1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.		Weather		BAROMETER.		TEMPERATURE.			WIND.			Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			
At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Max.	Min.	Rainfall.							
Ins.	°					Ins.	Ins.	°	°	°						°	°	Ins.			
SCANDINAVIA.																					
Haparanda ...	29.87	39	SW	4	b	29.84	-.18	40	39	+ 1	WSW	4	b	#	b	#	48	34	—		
Hernösand ...	29.96	41	Z	0	r	29.98	+.03	47	45	+ 2	Z	0	o	#	r	#	48	32	0.24		
Stockholm ...	29.99	49	Z	0	o	29.94	-.04	48	46	- 7	Z	0	o	#	o	#	61	45	—		
Wisby ...	29.97	47	S	2	b	29.92	-.09	54	51	- 1	S	4	o	#	b	#	63	41	—		
Bodo ...	29.74	43	SW	4	o	29.84	+.14	43	41	- 8	SW	6	c	3	o	#	51	39	0.67		
Christiansund ...	29.96	47	SW	2	c	29.97	+.27	48	45	0	SW	1	b	1	c	#	48	45	0.35		
Skudesnaes ...	29.96	45	NNW	2	b	30.00	+.28	45	44	- 1	NNW	2	f	2	o, b	#	50	43	?		
Færder (Christiania Fjord) ...	29.90	46	Z	0	o	29.95	+.19	46	45	0	N	4	o	#	o	#	?	?	—		
Skagen (The Seaw) ...	29.89	45	Z	0	o	29.92	+.14	46	45	0	N	1	o	0	o	#	50	45	—		
Faro ...	29.95	45	NNW	4	b	29.93	+.11	46	45	- 1	NNW	4	o	#	b	#	50	43	—		
BRITISH ISLANDS.																					
Sumburgh Head ...	29.97	48	W	1	b	29.80	-.07	47	47	0	SSW	2	r	3	b	#	52	43	0.02		
Stornoway ...	29.92	50	SE	4	b	29.90	-.00	49	49	+ 2	Z	0	o	3	b	#	59	40	0.05		
Wick ...	29.98	47	N	2	b	29.86	-.07	51	49	0	N	4	o	2	b	#	56	46	0.10		
Nairn ...	29.93	57	NNW	1	b	29.89	-.03	54	51	+ 9	W	1	c	1	b	#	63	43	0.14		
Aberdeen ...	30.04	49	SSE	3	b	29.93	-.02	53	50	+ 3	SW	2	c	1	b	#	54	45	0.06		
Leith ...	30.01	58	Z	0	b	29.97	+.02	52	50	- 2	SW	3	o	#	b	#	58	48	0.03		
Shields ...	30.08	47	E	1	b	30.02	+.06	50	47	+ 4	Z	0	cm	2	o, b	#	50	40	—		
Spurn Head ...	30.04	48	NNE	3	b	30.08	+.17	49	47	+ 4	S	2	cm	2	b	#	51	40	—		
York ...	30.05	55	NE	1	b	30.07	+.13	48	46	+ 3	SSW	1	b	#	b	#	58	37	—		
Loughborough ...	30.06	52	NE	1	b	30.12	+.23	48	46	+ 2	Z	0	cm	#	b	#	53	37	0.04		
GERMANY & HOLLAND.																					
Ardrossan ...	30.01	57	NNW	1	b	29.98	+.03	49	49	+ 3	S	3	o	2	b	#	52	45	0.10		
Malin Head ...	30.02	51	W	3	o	29.98	+.03	49	49	- 1	W	3	o	1	o	#	54	47	0.10		
Belmullet ...	30.07	53	SW	2	o	30.05	+.03	51	51	+ 1	WSW	1	o	#	o	#	55	48	0.03		
Donaghadee ...	30.07	51	SSE	2	o	30.04	+.09	51	50	+ 2	SW	3	r	1	c	#	57	48	0.08		
Liverpool (Bidston) ...	30.08	52	NNW	2	c	30.10	+.17	52	48	0	SSW	1	o	1	c	#	56	46	—		
Holyhead ...	30.06	51	NNW	2	c	30.10	+.17	52	50	+ 1	SSW	3	om	2	b, c	#	54	48	—		
Parsonstown ...	30.09	58	Z	0	o	30.08	+.07	52	51	+ 7	SW	1	o	#	o	#	49	60	45		
Valencia ...	30.15	54	WSW	2	o	30.12	+.06	53	52	+ 2	SW	3	of	4	cm	#	3.6	55	41		
Roche's Point ...	30.11	58	SW	2	o	30.13	+.11	55	53	+ 5	W	3	c	3	c	#	61	50	—		
Pembroke (St. Ann's Hd.) ...	30.05	52	N	3	b	30.13	+.21	51	51	+ 1	NNW	3	og	2	b	#	12.3	54	45		
Scilly ...	30.10	52	NNW	5	c	30.18	+.26	52	48	+ 1	W	3	c	3	c	#	9.1	54	48		
Prawle Point ...	30.05	55	NNW	1	b	30.17	+.33	55	51	+ 2	E	1	m	1	b	#	60	46	—		
Jersey (St. Aubin's) ...	29.99	55	N	3	b	30.18	+.40	54	51	+ 2	Z	0	cm	0	pc, b	#	58	45	0.04		
Hurst Castle ...	30.00	56	NNE	2	b	30.15	+.23	50	47	- 1	Z	0	a	0	o, b	#	58	41	0.06		
Dungeness ...	29.94	53	E	3	b	30.11	+.29	46	43	- 6	NNE	3	o	3	b	#	57	40	—		
FRANCE & BELGIUM.																					
North Foreland ...	29.99	48	NE	5	o	30.12	+.28	47	44	- 3	N	3	og	3	b, c	#	55	44	—		
London (Belton) ...	30.03	51	NE	2	og	30.13	+.26	50	46	0	W	1	bm	#	b, p, og, br	#	61	38	0.01		
Oxford ...	30.11	48	NNE	1	b	30.14	+.27	46	45	- 7	SW	1	o	#	b	#	60	36	0.01		
Cambridge ...	30.06	48	N	3	o	30.13	+.24	47	46	- 2	NNW	1	b	#	o	#	50	59	0.02		
Yarmouth ...	30.00	48	N	4	c	30.10	+.25	46	45	- 5	N	2	c	3	b, c	#	52	45	—		
GERMANY & HOLLAND.																					
Cuxhaven ...	29.90	51	NNE	4	c	29.94	+.06	48	47	- 2	N	5	b	#	c	#	55	47	—		
Berlin ...	29.83	51	NNW	3	o	29.84	-.04	47	46	- 1	NNW	4	o	#	o	#	54	46	0.28		
Wiesbaden ...	#	#	#	#	#	29.91	+.01	52	49	+ 4	NNW	2	b	#	#	#	59	45	0.20		
Munich ...	29.82	40	SW	3	r	29.81	-.07	41	41	- 1	NNW	2	r	#	r	#	45	39	1.10		
The Helder ...	30.04	47	NNE	4	c	30.13	+.21	46	44	- 4	NNW	2	c	2	c	#	55	45	—		
FRANCE & BELGIUM.																					
Brussels (a.m.) ...	#	#	#	#	#	30.10	+.24	45	43	- 5	NNW	3	o	#	b	#	60	44	0.20		
Cape Gris Nez ...	29.91	50	NE	4	o	30.06	+.47	47	47	0	NNE	3	o	3	o	#	55	43	—		
Paris ...	29.89	57	NE	2	c	30.08	+.23	47	46	0	N	4	o	#	c, t	#	60	46	—		
Brest ...	?	54	NNE	4	b	?	?	51	50	+ 1	NNE	2	o	2	b	#	54	48	—		
Lorient ...	29.97	56	N	5	c	30.19	+.37	49	48	- 1	N	3	c	2	c	#	57	45	0.04		
FRANCE & BELGIUM.																					
Rochefort ...	29.87	53	NNE	3	b	30.14	+.27	46	41	- 5	NNE	4	o	#	o, b	#	63	42	0.35		
Belfort ...	?	?	?	?	?	?	?	?	?	?	?	?	?	#	?	#	?	?	?		
Lyons ...	29.79	53	NNW	1	c	29.87	-.04	47	44	0	NNW	4	o	#	e	#	59	44	0.12		
Nice ...	29.58	56	E	4	b	29.59	-.11	55	48	- 3	SW	1	b	#	b	#	70	45	—		
Perpignan ...	29.86	54	NNW	4	o	29.86	-.10	54	47	0	NNW	5	b	#	o	#	63	48	—		
Biarritz ...	29.95	55	NNW	6	r	30.10	+.11	55	51	+ 9	NNW	6	r	6	r, b	#	57	46	0.59		
PENINSULA.																					
Corunna ...	30.24	57	NNW	5	o	30.33	+.14	55	51	+ 1	NNW	4	c	4	o	#	57	48	—		
Lisbon ...	30.28	57	N	5	b	30.29	+.03	58	52	+ 2	N	5	b	#	b	#	63	55	—		
Azores (P. Delgada) ...	30.56	60	SE	2	c	30.54	+.03	60	56	+ 2	Z	0	c	2	c	#	64	58	—		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



FOR SUNDAY, 29<sup>th</sup> APRIL, 1894.



# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest 30.3 in: and upwards, in the northwest of Spain; 30.1 in: and upwards in an anticyclone extending from the Atlantic over the Spanish Peninsula, the west and north of France, and the southern parts of the United Kingdom.  
Lowest, 29.6 in: and less, in a depression over the Gulf of Genoa; 29.8 in: and less, in a shallow system lying near the Shetlands.  
Gradients slight. Barometer falling in the west and north of our Islands, but rising elsewhere.

## TEMPERATURE

Highest, 58° at Lisbon, and 55° at Rochefort, Pau, Bordeaux, Biarritz, and Nice.  
Lowest: (1) 40° at Haparanda, 43° at Bodo, and Skudenes; (2) 41° at Munich, 44° at Limoges, and 45° at the wells.  
The maxima registered yesterday were below 60° in many parts of our Islands, but at Paris and in London the thermometer rose to 61° and at Nain to 63°.

## WIND

Light from the SW<sup>W</sup> over the greater part of the United Kingdom and also in the north of Scandinavia, but N<sup>W</sup> in the southeast of England, as well as over the neighbouring portions of the Continent; at Biarritz the N<sup>W</sup> wind blows strongly.  
Calm over the central parts of Sweden, but S over the Baltic.

## WEATHER

Cloudy or overcast in most parts of Western Europe, with rain at Lumburg H<sup>t</sup> and Douglas, and also at Munich and Biarritz.  
Fine at some of the Scandinavian stations, as well as in the south of France.  
In the course of the past 24 hours showers have fallen in several parts of the United Kingdom. Thunder was heard yesterday at Paris and in London, and lightning was seen at Biarritz.

## SEA

Slight or smooth generally, but rough at Biarritz.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS

For the 24 hours ending at NOON on 30<sup>th</sup> April. 1894.

### DISTRICTS.

### FORECASTS.

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

None issued

### DISTRICTS.

### FORECASTS.

- 7 SCOTLAND WEST
- 8 ENGLAND N.W.
- 9 ENGLAND S.W.
- 10 IRELAND NORTH
- 11 IRELAND SOUTH

None issued

### WARNINGS

None issued.

The South Cone, point downwards (T) means that gales or strong winds are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E. the South Cone is limited in position to the South Cone.  
The North Cone, point upwards (T) means that gales or strong winds are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W. the North Cone is limited in position to the North Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.89	49	47	NW	6	0	3	Valencia ...	30.73	52	51	WSW	3	cm	3
Sumburgh Head ...	29.95	51	48	WNW	2	6	3	Soilly ...	30.04	53	50	N	5	c	4
Stornoway ...	29.91	53	50	SE	2	6	3	Jersey ...	29.92	54	52	N	3	c	3
Aberdeen ...	30.03	54	46	SE	2	6	1	Hurst Castle ...	29.93	55	52	W	1	o	2
Shields ...	30.05	49	46	NNE	2	0	2	Dungeness ...	29.89	55	51	NE	1	c	1
Ardrossan ...	30.00	54	53	L	0	6	1	North Foreland ...	29.92	54	52	NE	4	bc	3
Malin Head ...	30.01	54	51	W	2	0	1	London (Westminster) ...	29.95	50	49	NE	1	c	3
Belmullet ...	30.07	52	50	WSW	2	0	#	Yarmouth ...	29.95	48	46	NNE	4	bc	#
Holyhead ...	30.04	53	50	NW	3	6	2	Rochefort ...	29.89	53	51	WNW	5	o	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather fine over the greater part of the United Kingdom, but dull at some of the Central stations. Fine over Sweden, the Baltic, and Western Russia and also over the southern parts of France and Italy; cloudy in other portions of the Continent, with rain at some of the Norwegian, Danish and German stations, as well as in the north of Spain and the southwest of France. Showers falling during day at several of our own southern stations, and heavy rain in some parts of southern Europe. Thunder heard in London and Paris, lightning seen at Biarritz, and a thunderstorm, with heavy rain reported at Algiers.

Temperature fallen in France and Germany, but risen in most other countries. Morning readings <sup>highest</sup> 67° at Nemours, 66° at Paris, and 64° at Legna. Brindisi, Athens, Patras, and Malta; above 55° at most of the Mediterranean and Adriatic stations. Lowest (1) 33° at Hopavarden and Archangel, and 43° at Kuspio; (2) 42° at Munich and 45° at Le Mans and Limoges; (3) 45° at Naum, York, and Passerstown. Daily maxima below 55° at several of our own eastern and western stations, but thermometer reaching 61° at Rochefort and in London and 63° at Naum; exceeding 65° in many parts of southern Europe and exceeding 70° in the south of Italy. Slight ground frost occurring in London at night.

Wind N in most parts of the United Kingdom, and fresh in force in the southwest of England; fresh or strong from the W<sup>est</sup> or NW<sup>est</sup> over Spain and the west and south of France. Light from between S. and E. over the eastern parts of the English Channel. S<sup>outh</sup> or SE<sup>ast</sup> over Sweden, the Baltic and Western Russia; well marked cyclonic circulations shown respectively over Germany and over Italy and the Gulf of Genoa. Subsequently backing to the SW<sup>est</sup> in Ireland and to the SE<sup>ast</sup> at some of the Scotch stations. Veering to the N<sup>orth</sup> over Portugal and the Bay of Biscay.

Barometer highest 30.3 ins. and upwards over Central Russia and also in the south of Spain. Lowest 29.7 ins. and less in a large shallow depression off the west of Norway and also in a smaller disturbance over the Gulf of Genoa; 29.8 ins. and less in a depression lying over the Channel and north of France. Norwegian depression subsequently travelling away to the northward; Channel disturbance passing southward and entirely filling up. Further low pressure systems beginning to approach our extreme northwest coast in evening.

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
\* AN ASTERISK is inserted in all places for which information is not usually received.  
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "



# DAILY WEATHER REPORT

for 8 a.m. on

Monday, 30<sup>th</sup> April,

1894.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																				
STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.
				At 32° and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.					Dir.	Force (0 to 12.)	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.91	87	WSW	2	bc	29.89	+0.5	42	39	+2	NNE	2	c	#	bc	#	48	34	-
	Hernösand ...	29.93	45	2	0	0	29.88	-1.0	49	46	+2	2	0	c	#	0	#	55	41	-
	Stockholm ...	29.87	47	2	0	†	29.86	-0.8	46	46	-2	2	0	0	#	†	#	52	43	0.20
	Wisby ...	29.87	50	2	2	†	29.87	-0.5	44	43	-10	NW	2	f	#	†	#	59	44	0.28
	Bodö ...	29.87	43	WSW	2	c	29.88	+0.4	43	40	0	E	2	†	†	c	#	50	44	0.04
	Christiansund ...	29.85	50	ESE	1	0	29.87	-1.0	47	45	-1	WSW	4	f	3	0	#	52	36	-
	Skudesnaes ...	29.98	47	SSW	2	0	30.03	+0.3	48	46	+3	NW	4	0	2	c, 0	#	49	43	-
	Færder (Christiania Fjord)	29.93	49	W	3	b	29.91	-0.4	46	46	0	NNE	2	b	1	b	#	54	45	-
	Skagen (The Scaw)	29.93	46	WSW	2	bc	29.92	-0.0	48	46	+2	W	1	b	0	bc	#	48	43	-
	Fanø ...	29.97	44	NW	4	0	29.99	+0.6	43	42	-3	NW	4	0	#	0	#	54	41	-
Sumburgh Head	29.92	50	NW	2	c	30.01	+2.1	47	43	0	NW	2	b	3	c	#	51	43	0.06	
	Stornoway ...	29.97	50	2	0	bc	30.24	+2.4	48	46	-1	W	3	bc	4	c, bc	1.0	52	40	0.02
	Wick ...	29.94	47	NW	5	bc	30.15	+2.9	48	45	-3	NW	7	b, u	2	bc	#	58	49	0.03
	Nairn ...	29.96	55	2	0	c	30.22	+3.3	48	44	-6	W	2	b	1	c	#	60	44	0.06
	Aberdeen ...	29.99	49	ESE	2	opq	30.19	+2.6	49	43	-4	NW	4	bcq	3	opq	0.6	60	45	0.04
	Leith ...	29.94	59	2	0	bc	30.21	+2.4	48	47	-4	E	2	0	#	bc	#	62	46	0.08
	Shields ...	29.98	56	SW	2	0	30.18	+1.6	47	46	-3	N	3	†	2	r, 0	#	56	45	0.10
	Spurn Head ...	29.99	52	ESE	2	†	30.07	-0.1	48	48	-1	NNE	3	0	3	bc, †	#	58	47	0.06
	York ...	30.02	52	W	1	0	30.11	+0.4	52	50	+4	NW	2	0	#	0	#	60	48	0.01
	Loughborough ...	30.03	58	W	1	0	30.07	-0.5	52	51	+4	NNE	1	ogmpd	#	0.†	#	68	46	0.15
BRITISH ISLANDS.	Ardrossan ...	29.99	53	W	1	c	30.20	+2.2	50	49	+1	NNE	1	om	1	c	#	55	46	0.03
	Malin Head ...	30.08	50	NW	3	0	30.29	+3.1	48	45	-1	N	6	b	4	om	#	53	47	-
	Belmullet ...	30.07	51	N	2	0	30.38	+3.3	51	45	-1	NNE	4	b	#	0	#	53	45	0.03
	Donaghadee ...	30.03	49	NNE	8	†	30.20	+1.6	49	48	-2	NW	5	c	3	†	#	54	48	0.10
	Liverpool (Bidston)	30.04	50	NW	1	†	30.11	+0.1	51	50	-1	NW	1	0	1	†	#	59	49	0.18
	Holyhead ...	30.03	57	SSW	3	f	30.12	+0.2	48	47	-4	N	5	ogm	4	f	#	53	46	0.12
	Parsonstown ...	30.01	55	2	0	0	30.23	+1.5	48	45	-4	SW	1	b	#	0	0.0	60	44	0.12
	Valencia ...	30.05	52	WSW	2	f	30.26	+1.4	50	47	-3	NNE	6	cq	5	f	0.1	56	49	0.41
	Roche's Point ...	30.05	56	WSW	4	†	30.16	+0.3	49	49	-6	NE	4	p	4	c, m	#	59	48	0.08
	Pembroke (St. Ann's Hd.)	30.08	50	SW	3	f	30.05	-0.8	51	51	0	NNE	3	ogm	2	of	0.0	52	48	0.02
SCILLY.	30.12	53	W	2	0	30.02	-1.6	51	51	-1	NNE	4	m	2	of	0.5	55	49	0.12	
	Prawle Point ...	30.05	52	W	1	0	29.94	-2.3	52	51	-3	ESE	1	0	1	0.†	#	55	50	-
	Jersey (St. Aubin's)	30.14	54	W	3	og	30.06	-1.2	52	51	-2	SSE	3	o, am	3	c, og, f	#	57	49	0.18
	Hurst Castle ...	30.08	55	W	2	og	30.04	-1.1	52	51	+2	SSW	1	0	1	0	#	56	49	0.13
	Dungeness ...	30.07	51	NW	3	c	30.01	-1.0	52	51	+6	2	0	0	0	#	54	46	-	
	North Foreland	30.07	49	S	3	b	30.02	-1.0	53	52	+6	NW	1	†	1	b	#	53	45	-
	London (Brixton) ...	30.04	62	2	0	0	30.04	-0.9	53	52	+3	S	1	or	#	bc, o, og	6.5	66	50	0.33
	Oxford ...	30.06	53	WSW	1	†	30.05	-0.9	53	52	+7	NE	1	†	#	c, †	#	65	46	0.20
	Cambridge ...	30.03	61	SW	1	0	30.05	-0.8	54	53	+7	WSW	1	0	#	b, 0	9.0	68	46	0.06
	Yarmouth ...	30.05	50	SSE	3	b	30.02	-0.8	51	50	+5	SSW	2	orm	3	b	#	51	45	0.08
GERMANY & HOLLAND.	Cuxhaven ...	29.97	49	NW	5	0	30.03	+0.9	48	47	0	N	4	c	#	0	#	53	47	-
	Berlin ...	29.93	47	NE	3	†	29.93	+0.9	48	46	+1	NW	2	0	#	†	#	52	46	0.12
	Wiesbaden ...	#	#	#	#	#	29.99	+0.8	49	46	-3	N	3	0	#	#	#	55	46	0.04
	Munich ...	29.91	43	NW	2	†	29.92	+1.1	42	42	+1	NW	2	†	#	†	#	45	41	0.59
	The Helder ...	30.12	49	NW	1	c	30.12	-0.1	48	46	+2	W	1	b	1	c	#	50	43	-
	BRUSSELS (9 a.m.) ...	#	#	#	#	#	30.08	-0.2	44	41	-1	E	1	0	#	b	#	51	36	-
	Cape Gris Nez ...	30.05	51	NE	1	b	29.98	-0.8	50	49	?	E	1	m	0	b	#	55	43	-
	Paris ...	30.08	53	NW	3	c	30.06	-0.2	44	42	-3	N	1	b	#	c	#	55	36	-
	Brest ...	?	54	NW	2	m	?	?	53	53	+2	NW	1	f	2	m	#	57	48	-
	Lorient ...	30.15	55	NW	4	0	30.05	-1.4	52	52	+3	W	3	f	2	0	#	59	48	-
FRANCE & BELGIUM.	Rochefort ...	30.12	56	NW	5	bc	30.05	-0.9	53	53	+7	E	3	m	#	c, bc	#	61	46	-
	Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lyons ...	29.95	47	NW	3	†	29.93	+0.6	45	42	-2	N	4	0	#	†	#	53	41	0.08
	Nice ...	29.60	55	SE	1	c	29.51	-0.8	55	46	0	E	2	0	1	c	#	63	48	-
	Perpignan ...	29.91	?	NW	5	0	29.86	-0.0	56	48	+2	NW	6	b	#	0	#	58	52	0.04
	Biarritz ...	30.17	55	NW	6	†	30.07	-0.3	51	51	-4	WSW	4	0	2	†	#	57	50	-
	CORUNNA.	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	30.26	57	N	5	b	30.15	-1.4	58	53	0	N	5	b	#	b	#	64	51	-
	Azores (P. Delgada)	30.56	56	2	0	c	30.51	-0.5	59	57	-1	NNE	3	c	2	c	#	64	?	-

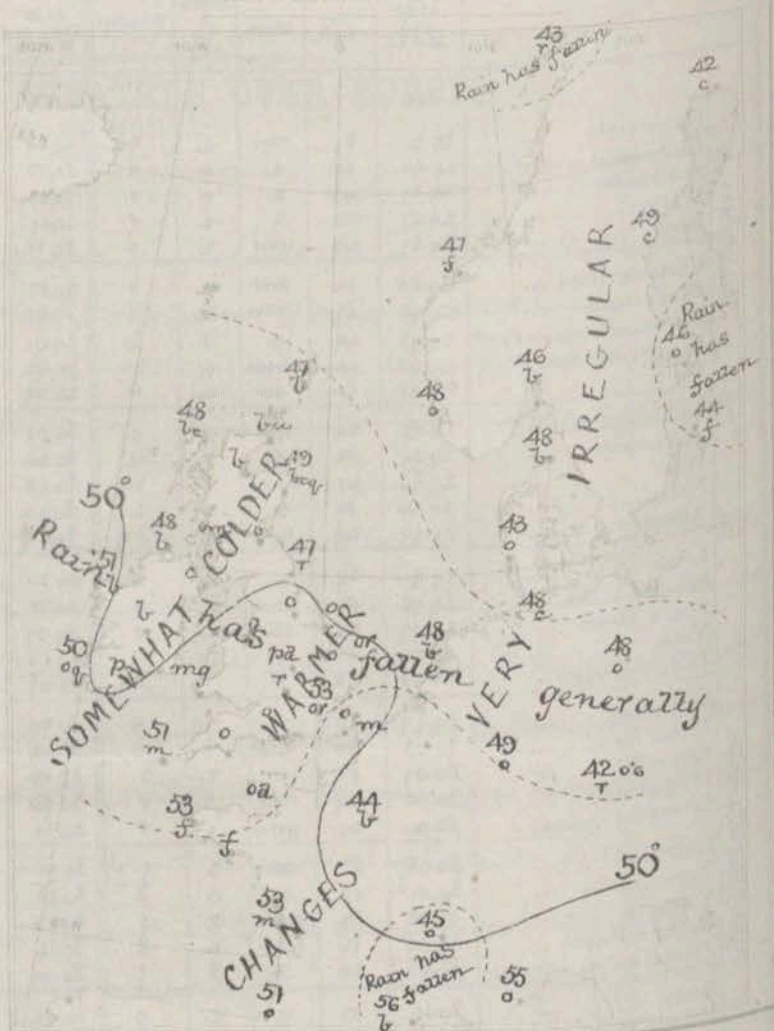
For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.



FOR MONDAY, 30<sup>TH</sup> APRIL. 1894.





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Highest, 30.3 mm and upwards, in an anticyclone lying to the westward of our Islands.  
 Lowest, 29.6 mm and less, in a depression over the Gulf of Genoa; 29.3 mm and less, over Scandinavia; 30.0 mm and less, in a shallow depression over the southwest of England and the western part of the Channel.  
 Gradients slight generally, but rather steep over the southeast of France.  
 Barometer falling a little over the Channel and France, as well as in Sweden, but rising elsewhere.

## TEMPERATURE

Highest, 58° at Lisbon, 56° at Perpignan, 55° at Nice, 54° at Cambridge, and 53° at Oxford, London, the North Foreland, Brest, and Rochefort.  
 Lowest (1) 42° at Haparanda, 43° at Rode, and 44° at Wisby; (2) 42° at Munich, 44° at Paris, and 45° at Lyons.  
 The maxima registered over our Islands were higher than of late; over the island part of England the thermometer rose to between 65° and 68°.

## WIND

Moderate to strong from the NW<sup>th</sup> in Scotland, and from the N<sup>th</sup> in Ireland and the west and north of England.  
 Light from the S<sup>th</sup> in the southeast of England; variable in the north of France.  
 Calm in Sweden, NW over Denmark, Germany, and the southern part of France.

## WEATHER

Fine and bright in the extreme north and northwest of our Islands, but cloudy or overcast elsewhere, with rain in many parts of England, as well as at Rode and Munich.  
 Fog is reported in the northwest of France and also at Christiansund and Wisby.  
 In the course of the past 24 hours rain has fallen over nearly the whole of the United Kingdom, but the amounts reported to us have been mostly slight.

## SEA

Rather rough at Valencia, and moderate in several parts of our western coasts, but slight or smooth elsewhere.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depression over the southwest of England will probably travel away southeastwards to France. The anticyclone in the east appears to be spreading quickly northeastwards, and fine weather is likely to set in over England in the course of the ensuing twenty-four hours.

## FORECASTS

For the 24 hours ending at NOON on 1<sup>st</sup> MAY, 1894.

### DISTRICTS.

### FORECASTS.

1 SCOTLAND NORTH	NW <sup>th</sup> winds, strong to moderate; fine generally.
2 SCOTLAND EAST	NW <sup>th</sup> and N <sup>th</sup> winds, light; fair generally.
3 ENGLAND N.E.	N <sup>th</sup> and NE <sup>th</sup> winds, light; some rain at first, and possibly thunder, then fair.
4 ENGLAND EAST	Same as N° 5.
5 MIDLAND COUNTIES	Same as N° 2.
6 ENGLAND SOUTH	Variable breezes, finally NE <sup>th</sup> ; some rain at first and possibly thunder, then fair.

### DISTRICTS.

### FORECASTS.

6 SCOTLAND WEST	N <sup>th</sup> winds, light or moderate; dull to fine.
7 ENGLAND N.W.	
8 ENGLAND S.W.	
9 IRELAND NORTH	N <sup>th</sup> winds, moderate; dull at first with local showers then fine.
10 IRELAND SOUTH	

### WARNINGS

None issued.

The South Cone, point downwards.  $\uparrow$  means that gales, or strong winds, are probable, at first from the Southward (from S. E. round by S. to N. W.) Should it appear likely that a gale beginning from between W. and N. W. is likely to veer towards N. or N. E. the South Cone is turned in preference to the North Cone.  
 The North Cone, point upwards.  $\uparrow$  means that gales, or strong winds, are probable, at first from the Northward (from N. W. round by N. to S. E.) Should it appear likely that a gale beginning from between E. and S. E. is likely to veer towards S. or S. W., the North Cone is turned in preference to the South Cone.



# YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Direc.						Dry.	Wet.	Direc.			
Skudesnaes ...	29.99	49	46	w	2	0	2	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	29.95	52	50	2	0	0	3	Jersey ...	30.16	56	52	W N W	3	c	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	30.10	53	48	W N W	3	c	2
Ardrossan ...								North Foreland	30.10	50	47	E	2	b	2
Malin Head ...	30.00	52	51	w	2	0	1	London (Westminster)							
Belmullet ...	30.05	52	51	n	2	0	#	Yarmouth ...							
Holyhead ...								Rocheport ...	30.13	59	55	W N W	4	0	#

## GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over Russia and the northern parts of Scandinavia, as well as over the eastern half of England, the greater part of the Spanish Peninsula, dull elsewhere, - very unsettled over the eastern parts of the Mediterranean and central Europe, raining at some stations in the north of the British Islands. Rain falling (in small quantities) over the greater part of our Islands later, and in larger quantities over Germany, the Baltic and Sweden; fog prevailing temporarily over the Channel and south of England.

Temperature risen over Scotland and Ireland, changed little and irregularly elsewhere. Morning readings highest 68° at Paris, 66° at Spaa, and above 60° at the Algerian stations and Tunis; above 50° in Portugal, in the west and south of our Islands, and many parts of Russia and southeastern Europe. Lowest (1) 40° to 43° in the extreme north of Europe, 48° at York; (2) 41° to 47° in many parts of Germany, 47° at Paris. Rising later to 60° or more in many parts of France and our Islands (68° at Cambridge and Loughborough) and to 50° and more in most other places.

Wind very variable in direction, moderate to very light in force, (1) SW<sup>ly</sup> in the west and north of our Islands, SSW<sup>ly</sup> in the northwest of Norway; (2) N<sup>ly</sup>, moderate, over Spain, France, northern and western Germany, NW<sup>ly</sup> over the western part of the Baltic and Algeria, W<sup>ly</sup> over Tunis; SE<sup>ly</sup> over southeastern Europe and Russia, S<sup>ly</sup> over the Baltic and Finland. Shifting N<sup>ly</sup> over the NW<sup>ly</sup> parts of our Islands later, very little change elsewhere.

Barometer. Highest 30.3 ins. and more to 30.0 ins. in two anticyclones, - one lying directly over Russia, the other spreading in from the Atlantic over W<sup>ly</sup> Europe, England and Ireland. Lowest (1) 29.8 ins. and less near the Shetlands; (2) 29.7 ins. to 29.6 ins. in a large depression, of irregular form, lying over the Mediterranean, Italy and the Adriatic. Shallow disturbances appearing over northern Europe later.

## SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 22<sup>ND</sup> TO 28<sup>TH</sup> APRIL 1894.

The weather of last week was cool and very changeable, with thunderstorms in many places, and with heavy falls of rain in all the more southern parts of the United Kingdom.

At the beginning of the period, when the barometer was highest over Scandinavia, two depressions of considerable depth appeared off our western coasts. The first of these spread gradually over the western and southwestern districts on the 22<sup>nd</sup> and occasioned strong SE<sup>ly</sup> winds or gales at many of our western stations, with considerable quantities of rain in the south of Ireland and the southwest of England. On the 23<sup>rd</sup> the system broke up, but in the course of the evening night a deeper disturbance advanced to the southwest of Ireland, and on the 24<sup>th</sup> when this moved slowly northwards fresh to strong gales from SE. or S. were felt on all our western coasts, with rain in most parts of the United Kingdom. During the 25<sup>th</sup> and 26<sup>th</sup> the depression passed away very slowly over the Atlantic, but owing to the advance of numerous secondary disturbances from the S<sup>ly</sup> the weather over our Islands remained very changeable and showery, with thunderstorms in many parts of England.

In the meantime the barometer had risen steadily over Spain, and the western reports showed that an anticyclone was advancing towards our Islands from the Atlantic. With pressure still high over northern Europe the conditions now became very complicated, and on the 27<sup>th</sup> several shallow depressions were found over our Islands, the weather being showery in all but the extreme northern parts of the Kingdom, with thunderstorms at some of the English stations. On the night of the 27<sup>th</sup> the depressions either filled up or moved away to the southwards, while the Atlantic high pressure system spread over our western coasts. At the close of the week, however, the mercury was beginning to fall again in the extreme west, with backing winds and an increase of cloud.

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hozy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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# ADDITIONS AND CORRECTIONS TO THE

## 1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
DATE.	STATIONS.	BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.	
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)					Max.	Min.		
		Inch.	°				Inch.	Inch.	°	°	°							°	°	Inch.	
2	Brussels	-	-	-	-	-	29.99	-03	45	-	-3	Z	0	m	-	b	-	64	36	-	
-	Belfort	?	54	E	3	c	?	?	44	-	-7	E	2	bc	-	c	-	64	37	-	
-	Corunna	30.03	55	NW	6	b	29.91	?	54	51	?	SE	5	0	5	b	-	55	45	-	
3	Brussels	-	-	-	-	-	29.89	-10	48	-	+3	Z	0	b	-	b	-	63	38	-	
-	Belfort	?	59	NNE	2	0	?	?	43	-	+2	W	2	c	-	0	-	64	38	-	
-	Corunna	29.89	59	SW	6	r	29.85	-06	55	48	+1	SW	6	c	6	r	-	61	45	0.12	
4	Belfort	?	57	N	2	c	?	?	45	-	+2	E	3	c	4	c	-	65	38	-	
-	Corunna	29.82	53	SW	2	b	29.92	+07	53	45	-2	SSE	5	c	5	b	-	57	39	0.04	
5	Belfort	?	63	E	1	c	?	?	48	-	+3	E	3	c	4	c	-	66	42	-	
-	Corunna	29.87	57	N	6	c	29.86	-06	56	51	+3	SSW	3	c	4	c	-	61	43	-	
6	Belfort	?	64	E	2	c	?	?	45	-	-3	E	3	bc	-	c	-	66	44	-	
-	Corunna	29.79	62	N	6	b	29.81	-05	60	53	+4	SE	5	c	3	t	-	64	46	0.04	
7	Belfort	?	60	E	1	c	?	?	45	-	0	E	1	bc	-	bc	-	60	42	-	
-	Corunna	29.77	60	N	6	bc	29.75	-06	55	51	-5	S	1	0	1	bc	-	68	46	0.08	
8	Belfort	?	66	E	1	c	?	?	50	-	+5	E	1	bc	-	c	-	73	44	-	
9	Corunna	29.94	57	NW	6	bc	30.01	+11	55	51	-2	SE	4	b	2	bc	-	61	46	0.08	
10	Corunna	30.01	57	NW	5	bc	30.01	00	59	53	+4	SE	4	0	3	bc	-	59	45	-	
11	Corunna	30.07	62	S	6	0	30.15	+14	51	47	-8	NW	7	r	5	0	-	64	45	0.35	
12	Corunna	30.23	55	NW	6	c	30.01	-14	52	50	+1	WSW	5	r	5	c	-	55	45	0.08	
13	Corunna	29.78	57	NW	6	0	29.90	-11	56	52	+4	S	5	0	5	0	-	57	45	0.04	
-	Azores (P. Delgada)	30.08	59	SW	5	r	29.90	-40	59	57	+1	WSW	5	bc	7	r	-	63	57	0.08	
14	Corunna	29.85	60	E	6	0	29.80	-10	58	54	+2	W	5	r	4	0	-	61	52	0.28	
16	Belfort	-	-	-	-	-	?	?	52	-	-6	W	1	m	-	-	-	72	50	-	
-	Corunna	29.62	59	NW	8	0	29.89	+16	57	52	+1	SW	6	c	5	c	-	61	46	0.12	
17	Belfort	?	53	NE	1	0	?	?	47	-	-5	W	3	0	-	0	-	57	45	0.13	
-	Corunna	29.88	59	WSW	7	0	29.88	-01	53	51	-4	SE	7	c	7	0	-	61	48	0.12	
18	St. Kager	29.73	48	NE	2	bc	29.71	-04	48	46	0	S	3	r	0	bc	-	54	45	-	
-	Brussels	-	-	-	-	-	29.74	-08	50	-	+1	SE	3	bc	-	bc	-	61	42	0.08	
-	Belfort	?	55	W	2	0	?	?	48	-	+1	W	1	S	-	0	-	58	44	0.08	
-	Corunna	29.91	56	NW	7	0	?	?	51	50	-2	?	-	r	7	0	-	59	46	0.04	
19	Corunna	30.13	55	NW	6	c	30.27	-	58	51	+7	S	4	bc	6	c	-	58	43	-	
20	Brussels	-	-	-	-	-	30.08	+18	49	-	-1	NE	2	0	-	0	-	60	47	?	
-	Belfort	?	52	SW	1	bc	?	?	47	-	-	W	2	c	-	bc	-	57	37	0.08	
-	Corunna	30.19	57	N	5	c	30.24	-03	53	50	-5	SE	3	m	5	c	-	58	41	-	
21	Belfort	?	50	NE	2	0	-	-	50	-	+3	NE	2	0	-	0	-	55	41	0.24	
-	Corunna	30.12	57	SW	5	r	30.04	-20	55	55	+2	S	4	r	3	r	-	59	46	0.19	
23	Corunna	29.75	53	SW	4	r	29.90	+12	54	49	-8	SW	6	0	5	r	-	64	41	0.04	
24	Corunna	29.84	58	SW	6	0	29.78	-12	58	55	+4	S	7	r	6	0	-	61	48	0.12	
-	Azores (P. Delgada)	30.04	59	W	2	0	30.03	-12	57	53	0	NW	3	b	4	0	-	63	54	-	
25	Corunna	29.80	59	WSW	6	0	29.83	+05	58	53	0	SW	5	0	6	0	-	59	50	-	
26	Corunna	29.79	61	WSW	6	c	29.80	-03	?	49	?	W	?	?	5	c	-	63	48	0.04	
-	Malin Hd. 2pm	-	-	-	-	-	29.36	-	49	47	-	S	4	0	2	-	-	57	45	0.20	
27	Corunna	29.88	56	WSW	6	c	30.12	+32	54	51	-	NW	5	0	4	c	-	54	43	-	
28	Cape Gris Stey	29.72	52	SW	1	c	29.79	+18	48	-	0	Z	0	r	0	c	-	57	37	0.04	
-	Corunna	30.14	56	NW	6	c	30.19	+07	54	54	0	NW	5	r	5	c	-	59	52	0.16	
30	Corunna	30.32	55	NW	4	c	30.17	-16	56	53	+1	NW	6	0	4	c	-	59	52	-	



# REPORTS FOR APRIL 1894.

## 2. CORRECTIONS.

		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
DATE.	STATIONS.	BAROM.	TEMP.		WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.		Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.					Min.		
1	Parsonstown	Ins.	0					Ins.	Ins.	0	0	0						0	0	Ins.	
"	Valencia	"	251					"	"	"	"	"	"	"	"	"	"	0.7			
2	Prawle Point	"						29.92	-.08												
3	Shildas	"																51			
"	North Foreland	"																54			
4	Parsonstown	"																		0.23	
"	Pembroke	"																60			
6	Parsonstown	"																7.9			
"	Hurst Castle	"																		0.08	
7	Holyhead	"																53			
"	Parsonstown	"																		0.02	
8	Jersey	"						29.89													
"	Pembroke	"																		0.01	
"	Scilly	"													3				50		
9	Parsonstown	"						29.71	-.11												
11	Hurst Castle	"																	59		
12	North Foreland	"															6.6				
"	Liverpool	"								48	42	- 8									
"	Parsonstown	"	47		2	0															
13	Parsonstown	"																		0.74	
"	Hurst Castle	"																		0.10	
14	Pembroke	"																53			
15	Hurst Castle	"																55			
16	Loughborough	"											2								
"	Malin Hd.	"																		0.03	
"	Pembroke	"																51	47		
17	Spurn Head	"																	44		
18	Parsonstown	"																		0.70	
"	North Foreland	"																			
19	Parsonstown	"																35			
20	Parsonstown	"																55			
21	Pembroke	"																55			
22	Loughborough	"																			
"	Cambridge	"			E								E						25		
23	Holyhead	"																			
26	Pembroke	"																59			
27	Parsonstown	"																		0.06	
"	Cambridge	"																4.9			
"	Jersey 2pm	"																		Norman	
28	Valencia	"								56										0.03	
"	Oxford	"																		0.07	
29	Aberdeen	"																7.9			
"	Valencia	"																	51		
"	London	"																4.3			