

MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH  
DAILY TO THE METEOROLOGICAL OFFICE FROM JULY TO DEC., 1876.

Duncker & Humblot, Lith. London.

17415

METEOROLOGICAL OFFICE.

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DAILY WEATHER REPORTS.

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1st JULY—31st DECEMBER,

1876.



# DAILY WEATHER REPORT JULY 1<sup>ST</sup> 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 32° F. yesterday.	Dry.	Wet.	Difference from 32° F. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.88	60	SE	2	0	29.89	-0.2	64	57	+6	SE	2	6	*	*	*	-	
Hernösand ...	29.76	52	E	2	0	29.82	+1.2	56	54	-4	E	2	6	*	*	*	-	
Stockholm ...	29.82	66	SSW	2	6	29.83	+0.3	69	56	+3	SE	2	6	*	*	*	-	
Wisby ...	29.89	62	SSE	4	6	29.83	+0.1	65	60	+5	SSE	4	6	*	*	*	-	
Christiansund ...	29.71	57	N	1	6	29.73	-0.0	61	56	+8	WSW	1	6	2	61	52	-	
Skudesnaes ...	29.74	58	WNW	2	6	29.78	+0.7	65	58	+7	W	0	12	2	?	57	-	
Oxö (Klansand) ...	29.77	58	SSE	3	6	29.80	+0.7	59	55	+2	ESE	4	6	2	63	54	-	
Skagen (The Seaw) ...	29.80	58	SSW	2	0	29.80	+0.2	59	57	+2	ESE	2	6	1	72	50	0.04	
Fanö ...	29.85	55	W	2	0	29.84	-0.0	67	60	+5	WNW	4	6	*	?	54	0.04	
Cuxhaven ...	29.88	*	*	*	*	29.88	+0.2	59	56	-2	W	3	6	*	?	53	0.11	
Sumburgh Head ...																		
Stornoway ...	29.80	58	SSW	1	0	29.82	-0.2	56	55	+1	SW	6	0	6	60	52	0.27	
Thurso ...	29.83	56	W	0	6	29.88	-0.2	56	56	+2	SSE	2	12	2	61	48	0.19	
Wick ...	29.82	54	SE	2	6	29.61	-0.28	54	53	+1	SE	4	0	3	67	50	0.16	
Nairn ...	29.81	62	E	1	6	29.61	-0.31	57	55	+4	W	0	0	1	65	51	0.26	
Aberdeen ...	29.85	56	S	1	0	29.67	-0.22	55	54	+1	SSW	1	12	1	60	57	0.09	
Leith ...	29.84	62	E	1	6	29.71	-0.21	59	59	+3	SW	2	12	*	67	54	0.23	
Shields ...	29.90	57	SE	1	0	29.80	-0.12	59	58	+4	SW	2	0	1	59	52	0.03	
York ...	29.90	62	SE	2	6	29.85	-0.07	62	61	+3	SW	2	0	*	65	55	0.02	
Scarborough ...	29.91	55	SSE	2	0	29.83	-0.09	60	59	+6	WSW	2	0	2	60	53	-	
Nottingham ...	29.94	64	WNW	3	0	29.91	-0.05	65	61	+5	WSW	4	0	*	77	57	-	
Ardrossan ...	29.89	57	SW	3	0	29.75	-0.14	56	54	-2	SSW	2	12	2	62	55	0.42	
Greencastle ...	29.86	60	ESE	1	0	29.69	-0.22	57	53	+4	SW	3	0	*	61	51	0.22	
Donaghadee ...	29.90	56	S	1	0	29.77	-0.19	57	57	+2	SSW	4	0	3	57	53	0.18	
Kingstown ...	29.92	64	W	1	0	29.86	-0.12	61	56	+3	W	3	0	2	67	58	-	
Holyhead ...	29.94	63	SW	3	0	29.86	-0.12	58	57	+2	SW	4	0	3	?	55	-	
Liverpool (Bidston) ...	29.93	57	WNW	1	0	29.85	-0.11	61	58	+6	SW	2	0	2	61	56	0.01	
Valencia ...	29.97	58	WSW	2	12	29.92	-0.08	56	54	-1	SW	3	0	3	61	54	0.03	
Roche's Point ...	29.98	62	WSW	4	0	29.96	-0.07	59	56	-3	WSW	4	0	3	68	58	0.05	
Pembroke ...	29.99	61	W	2	0	29.95	-0.06	57	56	+2	WSW	3	0	3	64	55	0.02	
Portishead ...	29.98	63	W	4	0	29.96	-0.04	61	60	+2	WSW	5	0	4	67	55	-	
Scilly ...																		
Plymouth ...	30.02	66	W	1	0	30.08	-0.06	62	60	+2	SW	3	0	*	69	59	0.01	
Hurst Castle ...	29.97	64	W	4	0	29.98	-0.01	61	61	0	W	4	0	3	66	58	-	
Dover ...	29.94	62	WSW	3	6	29.96	+0.02	62	59	+2	WSW	2	6	2	65	60	0.02	
London ...	29.96	67	W	2	0	29.96	-0.01	63	61	+5	WSW	2	0	*	72	57	0.08	
Oxford ...	*	*	*	*	*	29.93	-0.03	64	61	+6	SW	2	0	*	69	57	-	
Cambridge ...	29.93	68	W	1	0	29.93	-0.00	63	60	+3	SW	1	0	*	72	57	0.01	
Yarmouth ...	29.92	59	W	0	0	29.92	-0.00	61	60	+3	WSW	1	0	*	64	55	0.10	
The Helder ...	*	*	*	*	*	29.91	-0.00	60	58	-2	SW	1	6	*	*	*	-	
Cape Gris Nez ...	29.99	59	WSW	4	0	29.95	-0.02	59	59	-2	WSW	3	0	2	64	55	0.04	
Brest ...	?	70	WNW	3	0	?	?	57	57	-2	WSW	3	0	2	?	55	-	
L'Orient ...	?	61	WNW	4	0	?	?	61	59	+4	WNW	3	0	2	?	55	-	
Rocheport ...	30.11	64	WNW	4	6	30.14	+0.04	63	59	+2	WNW	3	0	3	73	54	-	
Biarritz ...	30.15	68	WNW	2	6	30.17	+0.04	61	59	-2	W	0	0	1	68	57	-	
Corunna ...	*	*	*	*	*			*	*					*	*	*	*	
Brussels ...	*	*	*	*	*	29.97	+0.09	60	*	-9	SW	3	12	*	*	*	*	
Charleville ...	*	*	*	*	*	29.95	+0.12	55	*	-8	W	3	0	*	*	*	*	
Paris ...	30.01	66	WNW	4	6	30.08	+0.12	60	*	+3	SW	2	0	*	*	*	*	
Lyons ...	*	*	*	*	*	?	?	67	*	+2	W	2	6	*	*	*	*	
Toulon ...	29.93	68	WNW	5	6	29.96	+0.02	64	55	0	WNW	5	6	5	73	64	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.73	61	54	rw	6	c	3	Valencia .....	29.98	60	59	sw	2	29	3
Thurso .....	29.86	59	53	nyre	1	bc	2	Scilly .....							
Scarborough ...	29.92	58	56	ese	1	c	1	London .....	29.95	61	59	wrw	2	0	*
Greencastle ...	29.88	59	58	ssw	1	o	*	Rocheport ...	30.10	64	59	rw	4	bc	3
Holyhead .....	29.96	60	58	sw	2	m	1								

The barometer is falling slowly generally and the wind is SW in the west - at Valencia the weather is wet and gloomy.

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

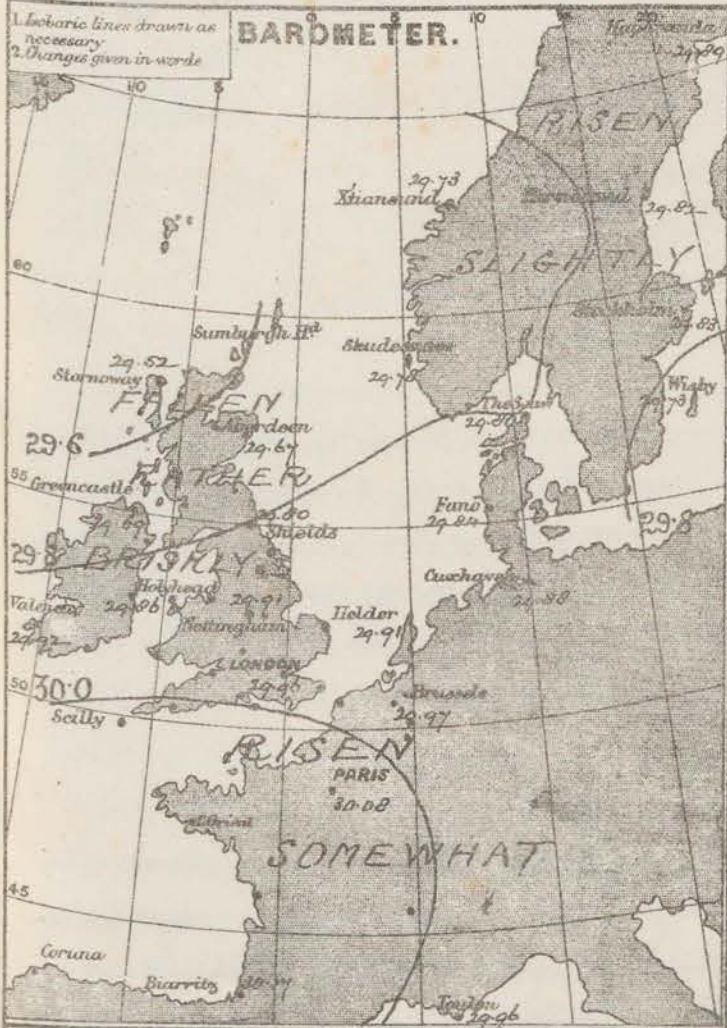
N.B.—The wind is said to "veer" when its direction changes with the sea, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m on Saturday JULY 1<sup>st</sup> 1876

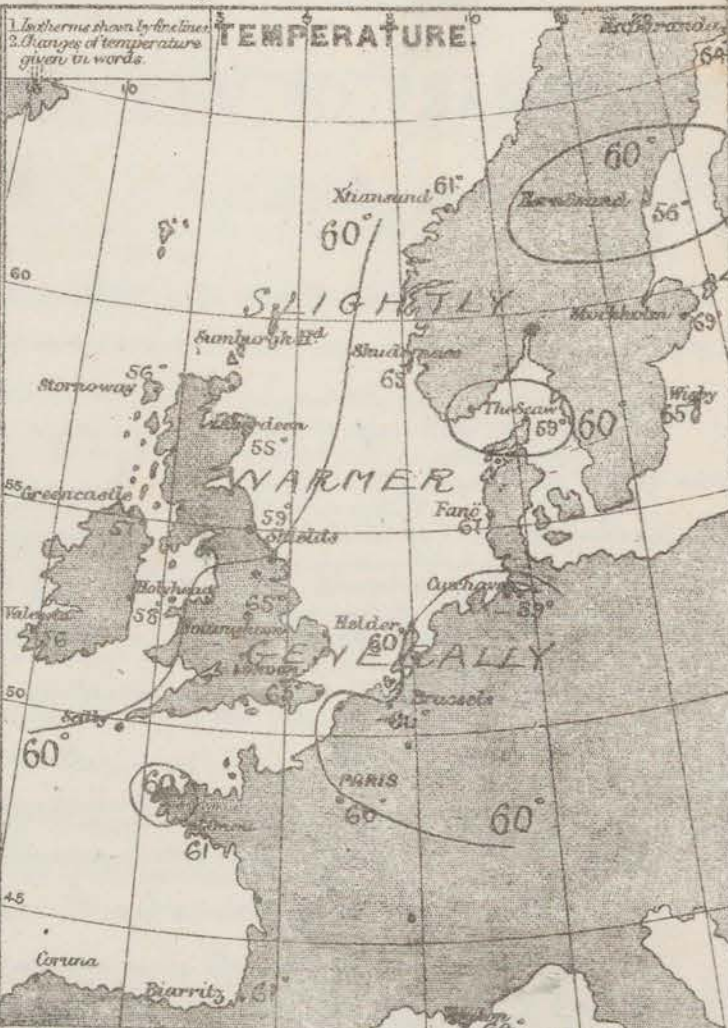
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



1. Isotherms shown by lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



Arrows / by with the wind.  
Force 0 to 10 --  
2 to 4 -- above 10 --  
5 to 7 --  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance / -- rough in shading. / -- high.

## WIND & SEA.



1. Prevalence of cloud, fog, rain, etc. given in letters (Beaufort notation).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** The general fall of the barometer which was in progress yesterday morning has continued during the past 24 hours over the greater part of our Islands, and though slight generally has become rather brisk in the NW of Scotland. Over France and our S. stations, however, a rise is reported, and as large one of high pressure is lying over the W. of France, and the Bay of Biscay. The winds which are light at all pl. except St. Peter's, and consequently NW at the W. French stations, W over the S. of England, and SW over the N. of that country and Scotland, while over Norway and Denmark, there is a recovery of pressure is reported. The large one now over the direction. Temperature has risen generally, and is uniform over W. Europe. The maxima which occurred yesterday are not high, only exceeding 70° at Nottingham, London and Cambridge. The sky has become very cloudy everywhere, and rain which has fallen at all our stations, continues in Scotland. Over Scandinavia, however, the weather is dry and very fine. The sea is rough at St. Peter's, slight in the W. generally, and smooth in the E.

Subscriptions for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster S.W.

R. H. SCOTT,  
Director.

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# SUMMARY OF WEATHER IN WESTERN EUROPE

from June 25<sup>th</sup> to July 1<sup>st</sup> 1876.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The position of the area of highest pressure which during the previous week had changed from the S.W. of France, over the N.E. of that country, N. Germany and Denmark to Norway, changed during this week from Norway to the N., then to the N. of these Islands and subsequently to the S.W. of France. The wind and weather has in consequence varied considerably. On the 25<sup>th</sup> and 26<sup>th</sup> the wind was E<sup>ly</sup> the sky very clear and temperature high, on the 28<sup>th</sup> and 29<sup>th</sup> the wind was N<sup>ly</sup> but the weather kept very fine though not so hot as on the previous days but on the 30<sup>th</sup> the sky became generally cloudy with a N.W.<sup>ly</sup> wind, which had changed to a S.W.<sup>ly</sup> one & rain by the following morning.

JUNE 25<sup>th</sup> The area of highest pressure still lay over Scotland and the barometer was rising at all our stations but on the Continent generally pressure had decreased, the fall in France being caused by a small depression over the N. of that country. These changes caused a considerable increase of gradients over the Channel and the S. of England and a consequent freshening of the wind in that locality. On all coasts the wind was E<sup>ly</sup> or N.E.<sup>ly</sup> in direction except in Scotland, where very light variable airs were reported. The thermometer had risen slightly in most places and the highest temperatures reported were from the E coast of Scotland and Norway and Sweden. The weather was remarkably fine and the sea very smooth all round our coasts. During the day a slight fall of the barometer occurred in the N. and a slight rise in the N.

JUNE 26<sup>th</sup> The small depression noticed over France had disappeared and the barometer had risen over that country and all our more S.<sup>ly</sup> stations. At the same time the decrease noticed in the N. on the previous evening had continued so that pressure had become more uniform and the winds lighter. The area of highest readings now lay to the N.W. of Scotland and the wind though still E<sup>ly</sup> in the S.E. had drawn into N. elsewhere. Temperature had fallen several degrees at the more N.<sup>ly</sup> stations but had changed little elsewhere. Thunder and heavy rain had occurred in the N. of France and at 8 am. the weather there was cloudy though very clear elsewhere. Later Reports showed a further fall of the mercury in the N. and pressure became very uniform.

JUNE 27<sup>th</sup> The barometer had again risen over France and the S. of our Islands and pressure continued very uniform over the whole of W. Europe. The winds which were extremely light over the British Isles and moderate on the Continent, were generally N.<sup>ly</sup> in direction, and temperature had fallen at most of our stations though it had risen in the N. of France. The sky was overcast in the N. of England but continued clear elsewhere & in the course of the day the thermometer rose to 80° at Nottingham, and Roches P.<sup>t</sup> and to 78° in London. The barometer during the same time continued to rise in the N. and S. and the area of highest pressure was formed over Ireland and Wales.

JUNE 28<sup>th</sup> The changes reported on the previous evening still continued, a decrease of pressure in the N. being accompanied by a further rise in the S. Readings though still very uniform, continued highest over Ireland and lowest over Scandinavia, but the winds varied more in direction, being N.<sup>ly</sup> in Scotland and the S. of Norway, N.W.<sup>ly</sup> to N.<sup>ly</sup> further to the S.<sup>ly</sup> and E.<sup>ly</sup> over France and the Bay of Biscay. In force they were generally light. The sky had become cloudy over Scotland and Ireland but was clear elsewhere, the cloud having disappeared from the N. of England. At Shields and Scarborough temperature had consequently risen



though in other places the thermometer had changed irregularly. The maxima which occurred during the day were not so high as on the 27<sup>th</sup> except in the SE. where temperature was locally high. At 6pm the barometer was falling generally and the area of highest pressure was confined to the SW. of Ireland.

JUNE 29<sup>TH</sup> A general and slight fall of the barometer had occurred over the whole of W. Europe but pressure continued highest over Ireland and lowest over Scandinavia where a well marked depression was lying. Readings were uniform and the wind light from the N<sup>W</sup> over these islands and France, and from N<sup>W</sup> on the E<sup>W</sup> shores of the North Sea. Temperature was lower in almost all places than on the previous day and the sky was cloudy at nearly all our stations though clear over France. During the day the barometer continued to fall, at all the more N<sup>W</sup> stations but a slight recovery having appeared in the SW. of France the wind blew more into N.

JUNE 30<sup>TH</sup> The depression noticed on the previous day still lay over Norway and Sweden but the area of highest pressure had been transferred to the SW. of France, owing to a brisk fall of the barometer in the N. of our islands and a rise over the Bay of Biscay. In consequence of this change the wind was more variable in direction. On the Norwegian coast it circulated round the above depression, in the NW. a S<sup>W</sup> breeze had appeared while over the greater part of England it was N<sup>W</sup> and over France NW<sup>W</sup>. Temperature had fallen in the E. & S. but risen elsewhere. The sky was cloudy generally and drizzling rain was falling at Valencia. During the day the mercury continued to fall except in the SW. of France but the change was very slight and uniform.

JULY 1<sup>ST</sup> The barometer had continued to fall over the greater part of our islands, rather briskly in the N., while over France it still rose slowly, so that gradients had become rather steep over England. The wind was however moderate in force at all places except Stornoway, where it blew freshly. On all our coasts it was SW in direction but in the N. of France it was NW<sup>W</sup>, and over Norway, from which country the above noticed depression had disappeared, it was more variable. Temperature had risen slightly generally and was very uniform. The sky had become cloudy or overcast and rain was falling in Scotland. During the day pressure continued to decrease and rain still fell in the N.



# DAILY WEATHER REPORT JULY. 2<sup>nd</sup> 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.89	66	Z	0	b	29.96	+ .07	64	58	0	Z	0	b	*	*	*	—	
Hernösand ...	29.84	61	S	2	b	29.88	+ .06	62	56	+6	SE	2	b	*	*	*	—	
Stockholm ...	29.83	63	SE	1	b	29.85	+ .02	69	61	0	Z	0	b	*	*	*	—	
Wisby ...	29.87	61	N	2	b	29.90	+ .07	61	59	-4	N	4	b	*	*	*	—	
Christiansund ...	29.70	57	NE	2	bc	29.62	- .11	63	57	+2	E	1	c	1	?	45	—	
Skudesnaes ...	29.79	59	S	6	c	29.76	- .02	57	55	-8	SSE	7	bc	6	64	?	—	
Oxö (Xtiansand) ...	29.85	60	SW	4	b	29.89	+ .09	60	57	+1	E	2	b	1	63	52	—	
Skagen (The Scaw) ...	29.85	59	Z	0	b	29.91	+ .11	62	59	+3	Z	0	b	0	77	50	—	
Fanö ...	29.90	56	Z	0	b	29.91	+ .07	65	60	-2	SSW	1	b	*	68	52	—	
Cuxhaven ...	29.97	*	*	*	*	29.89	+ .01	60	58	+1	E	1	c	*	68	—	—	
Sumburgh Head ...																		
Stornoway ...	29.42	57	SSW	5	r	29.69	+ .17	55	52	-1	WSW	5	c	5	62	50	0.05	
Thurso ...	29.43	63	SSW	3	0	29.69	+ .11	55	57	-1	SW	1	c	2	64	52	0.04	
Wick ...	29.44	56	SE	3	0	29.70	+ .09	55	53	+1	W	6	0	2	61	52	0.01	
Nairn ...	29.54	63	SW	3	bc	29.75	+ .14	56	54	-1	SW	2	0	2	66	53	0.02	
Aberdeen ...	29.57	62	SSW	1	c	29.74	+ .07	61	54	+6	WNW	1	c	1	64	55	0.01	
Leith ...	29.66	62	WSW	4	c	29.85	+ .14	59	56	0	W	4	bc	*	67	55	0.19	
Shields ...	29.86	62	Z	0	0	29.89	+ .09	63	60	+4	W	2	0	1	68	59	0.32	
York ...	29.81	64	SW	3	0	29.92	+ .07	63	62	+1	WSW	3	0	*	68	59	0.07	
Scarborough ...	29.79	62	WSW	2	0	29.92	+ .09	69	64	+9	WSW	2	c	2	69	59	0.22	
Nottingham ...	29.77	72	SW	3	c	29.97	+ .06	68	64	+3	SSW	3	0	*	75	66	—	
Ardrossan ...	29.69	58	SW	4	r	29.88	+ .13	58	52	+2	W	3	c	3	60	55	0.25	
Greencastle ...	29.66	61	W	4	0	29.89	+ .20	56	50	-1	W	3	0	*	64	50	0.01	
Donaghadee ...	29.72	59	W	3	c	29.90	+ .13	60	55	+3	WNW	5	bc	3	67	55	0.06	
Kingstown ...	29.82	69	W	4	c	29.97	+ .11	60	57	-1	W	4	c	3	71	59	—	
Holyhead ...	29.84	57	SSW	5	r	29.96	+ .10	57	56	-1	W	1	r	1	64	55	0.07	
Liverpool (Bilston) ...	29.83	60	SW	4	0	29.95	+ .10	58	57	-3	W	3	0	3	67	58	0.06	
Valencia ...	29.90	58	WSW	3	0	30.00	+ .08	57	55	+1	NW	2	0	2	60	55	0.20	
Roche's Point ...	29.96	64	WSW	4	c	30.04	+ .08	60	57	+1	N	2	c	3	70	55	—	
Pembroke ...	29.95	60	WSW	2	0	30.01	+ .06	57	57	0	W	2	f	3	62	57	—	
Portishead ...	29.95	63	WSW	7	c	30.02	+ .06	62	66	+1	W	4	c	3	69	57	—	
Scilly ...																		
Plymouth ...	30.02	64	W	4	bc	30.07	+ .04	61	59	-1	W	2	0	*	70	59	—	
Hurst Castle ...	29.97	60	W	6	0	30.03	+ .05	63	60	+2	W	3	c	3	64	57	—	
Dover ...	29.96	60	WSW	3	c	30.01	+ .05	62	60	0	WSW	3	c	3	66	60	0.02	
London ...	29.93	71	SW	2	c	30.03	+ .07	65	63	+2	WSW	2	0	*	72	58	—	
Oxford ...	*	*	*	*	*	29.99	+ .06	67	63	+3	W	1	0	*	72	58	—	
Cambridge ...	29.88	70	SW	1	0	29.99	+ .06	65	62	+2	W	1	c	*	72	58	—	
Yarmouth ...	29.88	65	WSW	1	0	29.98	+ .04	64	61	+3	WNW	2	cm	1	69	59	0.11	
The Helder ...	*	*	*	*	*									*	*	*	—	
Cape Gris Nez ...	29.99	57	WSW	4	f	30.02	+ .07	55	55	-4	SW	3	r	3	63	55	0.04	
Brest ...	?	64	WSW	3	no	?	?	61	57	+4	W	3	no	3	61	55	—	
L'Orient ...	?	64	WNW	3	0	?	?	63	59	+2	WNW	3	c	2	68	55	—	
Rochefort ...	30.17	68	NW	4	bc	30.17	+ .03	65	59	0	N	3	b	3	72	57	—	
Biarritz ...	30.15	70	NNE	3	b	30.16	- .01	63	59	+2	SSW	1	bc	2	66	57	—	
Corunna ...	*	*	*	*	*									*	*	*	—	
Brussels ...	*	*	*	*	*	29.97	.00	60	*	0	WSW	3	r	*	*	*	*	
Charleville ...	*	*	*	*	*	29.94	- .01	59	*	+4	W	3	r	*	*	*	*	
Paris ...	30.08	65	WNW	2	c	30.10	+ .02	63	*	+3	NW	3	0	*	*	*	?	
Lyons ...	*	*	*	*	*	?	?	64	*	-3	N	2	b	*	*	*	*	
Toulon ...	29.99	72	NW	5	b	30.00	+ .04	63	55	-1	NW	4	b	3	72	64	—	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.80	64	57	S	2	b	3	Valencia .....	29.90	58	57	SW	4	r	3
Thurso .....	29.49	60	58	SSE	2	0	2	Scilly .....							
Scarborough ...	29.81	62	61	WSW	1	r	1	London .....	29.95	69	64	SW	2	0	*
Greencastle ...	29.65	62	60	WSW	3	0	*	Rochefort ...	30.16	68	63	NW	4	bc	3
Holyhead .....	29.85	61	58	SSW	5	cm	3								

The barometer continues to fall generally, but more in the N. than elsewhere. The London report shows a change is scarcely appreciable. Light SW winds are general, with cloudy weather and rain in places.

## EXPLANATION OF COLUMNS.

**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.

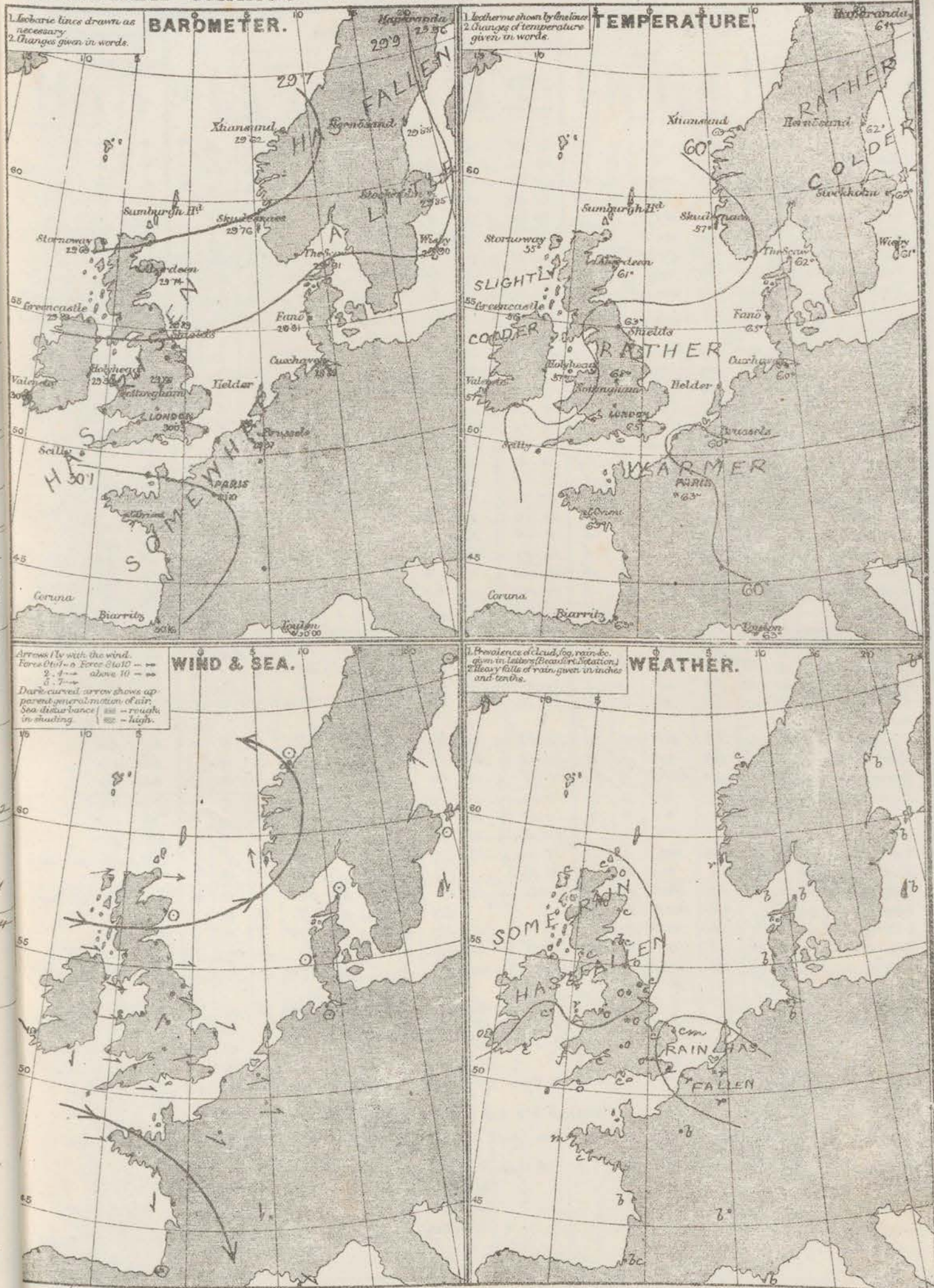
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m on Sunday 2<sup>ND</sup> JULY 1876



**REMARKS** The brisk fall of the barometer which was noticed in the north west of Scotland yesterday morning appears to have been occasioned by the approach of a large and shallow depression towards that region, which has now passed on to the Norwegian coast. Pressure, therefore, after decreasing generally yesterday is now recovering in our Islands, whilst at the Scandinavian stations a slight fall is shown. The barometer remains steadily highest in France and light N. breezes are therefore general over the United Kingdom, drawing into S. in the west of Norway and into NW and N at the French stations. Temperature has fallen a little in Sweden but risen in most other places, it rose to more than  $70^{\circ}$  over Central England yesterday but the greatest maximum reported from any of our stations occurred at The Hague, where  $77^{\circ}$  F. was reached. The weather, though fine and clear in Denmark and France still remains cloudy in these Islands, and rain has fallen in the north as well as the south-east. The sea is slight or smooth except at Skudenes.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

Danforth, latn. 22 Bedford St. Covent Garden.



# DAILY WEATHER REPORT JULY 3<sup>rd</sup> 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sun. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirce.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.88	66	Z	0	b	29.88	-.08	68	59	+4	SE	2	b	*	*	*	-	
Hernösand ...	29.81	60	Z	0	b	29.73	-.15	64	58	+2	E	2	bc	*	*	*	-	
Stockholm ...	29.80	68	SSW	2	bc	29.83	-.02	66	56	-3	WNW	4	0	*	*	*	-	
Wistby ...	29.89	63	WSW	2	b	29.90	.00	65	61	+4	N	2	c	*	*	*	-	
Christiansund ...	29.80	57	WSW	4	z	29.90	+.28	57	52	-6	WSW	6	b	4	66	50	-	
Skudesnaes ...	29.91	54	WNW	4	0	30.01	+.25	58	53	+1	WNW	4	c	4	59	54	-	
Oxö (Xtiansand) ...	29.87	58	SSW	4	c	29.95	+.06	57	52	-3	WNW	6	b	3	63	52	-	
Skagen (The Sæw) ...	29.90	60	W	2	0	29.88	-.03	60	58	-2	NW	5	b	4	79	54	0.08	
Fanö ...	29.98	59	WNW	2	c	30.07	+.16	63	58	-2	NW	4	bc	*	72	55	0.08	
Cuxhaven ...	30.00	*	*	*	*	30.07	+.18	62	56	+2	NNW	5	b	*	73	?	0.02	
Sumburgh Head																		
Stornoway	29.90	55	WNW	4	bc	29.95	+.26	55	52	0	SW	3	0	4	58	49	0.01	
Thurso ...	29.84	55	W	5	bc	30.00	+.31	55	49	0	SW	2	c	2	62	44	0.03	
Wick ...	29.90	55	NW	3	bc	30.00	+.30	56	51	+1	S	2	b	0	63	42	-	
Nairn ...	29.92	58	SSW	2	c	30.02	+.27	57	51	+1	SSW	1	b	1	62	48	0.02	
Aberdeen ...	29.90	62	WNW	1	b	30.03	+.29	59	57	-2	SSE	1	b	2	66	44	-	
Leith ...	29.98	59	WNW	4	b	30.08	+.23	60	55	+1	NE	2	bc	*	64	45	-	
Shields ...	30.02	65	NW	3	bc	30.11	+.22	60	54	-3	SE	2	bc	1	67	49	-	
York ...	30.05	64	W	3	b	30.15	+.23	59	55	-4	WNW	1	b	*	71	45	-	
Scarborough ...	30.03	62	ESE	1	bc	30.14	+.22	61	55	-8	SSE	1	b	1	70	53	-	
Nottingham ...	30.07	68	NW	3	b	30.16	+.19	63	58	-5	SSE	2	b	*	74	45	-	
Ardrossan ...	30.04	60	NW	4	b	30.06	+.18	57	54	-1	E	2	bc	2	61	46	-	
Greencastle ...	30.04	58	NW	?	b	29.97	+.08	57	54	+1	SW	1	0	*	63	46	-	
Donaghadee ...	30.06	61	NNE	3	b	30.04	+.14	56	55	-4	ESE	4	0	3	67	47	-	
Kingstown ...	30.44	66	SE	4	b	30.06	+.09	63	58	+3	SSE	4	c	3	67	58	-	
Holyhead ...	30.07	65	W	1	b	30.09	+.13	58	57	+1	SSW	3	f	2	68	56	0.02	
Liverpool (Bidston) ...	30.07	63	WNW	2	b	30.14	+.16	63	53	+5	SE	3	b	2	64	50	-	
Valencia ...	30.07	60	NW	1	b	29.99	-.01	57	56	0	SSE	3	ow	3	61	57	-	
Roche's Point...	30.08	68	SW	3	bc	30.05	+.01	62	60	+2	SSW	3	f	3	75	57	-	
Pembroke ...	30.10	63	W	1	f	30.12	+.11	57	57	0	S	1	fd	2	69	56	0.01	
Portishead ...	30.07	65	W	3	c	30.12	+.10	65	63	+3	WSW	2	0	2	68	57	-	
Seilly ...																		
Plymouth ...	30.11	66	W	1	0	30.15	+.08	62	61	+1	Z	0	0	*	69	60	-	
Hurst Castle ...	30.08	63	W	4	0	30.13	+.10	65	63	+2	W	1	c	1	66	59	-	
Dover ...	30.05	61	WSW	3	bc	30.13	+.12	62	60	-1	SSW	1	c	0	66	59	-	
London ...	30.05	73	W	2	c	30.14	+.11	65	60	0	Z	0	0	*	79	61	-	
Oxford ...	*	*	*	*	*	30.13	+.14	63	58	-4	E	1	0	*	72	59	-	
Cambridge ...						30.14	+.15	65	58	0	N	1	c	*	78	55	-	
Yarmouth ...	30.03	64	NE	1	c	30.14	+.18	59	58	-5	Z	0	f	1	70	56	0.02	
The Helder...	*	*	*	*	*	30.12	-	62	59	-	NNE	1	c	*	*	*	-	
Cape Gris Nez	30.08	59	SW	3	0	30.15	+.13	63	61	+5	SW	1	0	0	63	57	0.04	
Brest ...	?	66	WNW	2	ow	?	?	59	57	-2	Z	0	0	1	?	55	-	
L'Orient ...	?	64	NW	3	bc	?	?	59	57	+4	NW	1	0	1	68	55	-	
Rocheport ...	30.13	68	NW	4	b	30.18	+.01	64	63	+1	N	2	ow	3	70	55	-	
Biarritz ...	30.16	70	WNW	2	bc	30.20	+.04	63	61	0	WNW	2	bc	2	?	59	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.15	+.18	62	*	+2	WSW	3	W	*	*	*	*	
Charleville ...	*	*	*	*	*	30.08	+.14	64	*	+5	NW	3	c	*	*	*	*	
Paris ...	30.10	71	WNW	4	c	30.16	+.06	63	*	0	NW	2	0	*	*	*	-	
Lyons ...	*	*	*	*	*	?	?	71	*	+7	N	2	c	*	*	*	*	
Toulon ...	29.94	71	NW	5	b	29.97	-.03	68	63	+5	E	1	b	4	77	63	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.81	59	57	WSW	3	0	4	Valencia .....							
Thurso .....								Seilly .....							
Scarborough ...								London .....					*		
Greencastle ...						*		Rocheport ...	30.16	68	63	WNW	4	b	3
Holyhead .....															

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

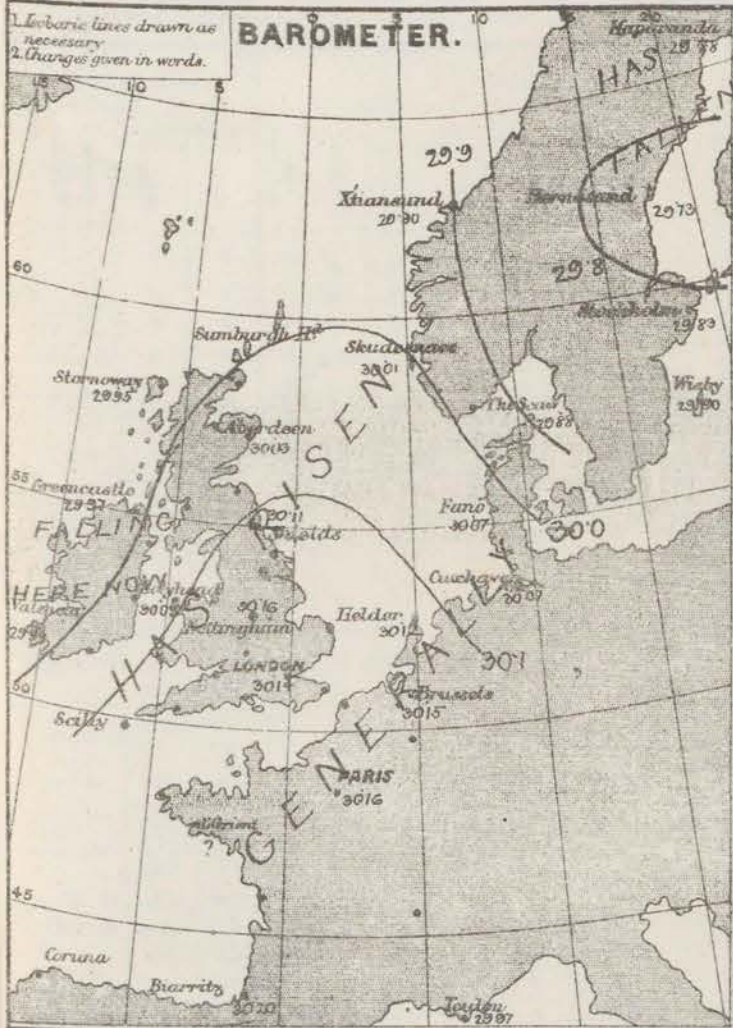
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m on Monday 3<sup>RD</sup> JULY 1876

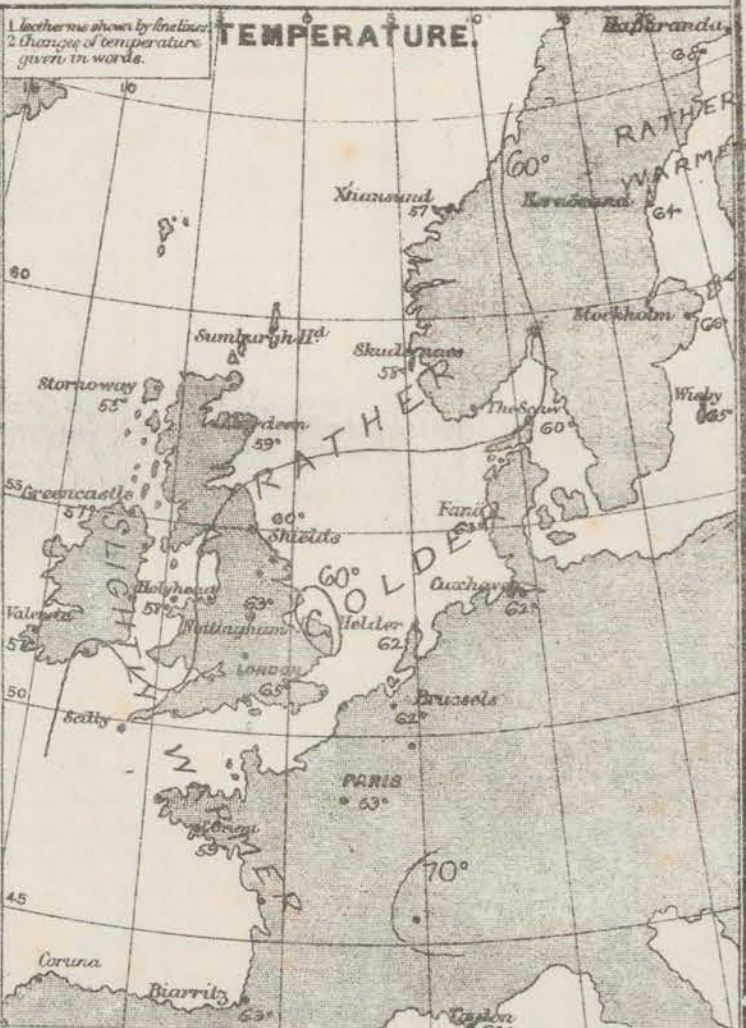
1. Isobaric lines drawn as necessary  
2. Changes given in words.

## BAROMETER.



1. Isotherms shown by lines  
2. Changes of temperature given in words.

## TEMPERATURE.



Arrows 1 by the wind.  
Force 0 to 10 —  
2-4 — above 10 —  
5-7 —  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance: — rough in shading. — high.

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Baird's notation)  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS** For the last few days pressure has been highest over the southern parts of Western Europe and lowest in the north, and some large shallow depressions have travelled from W to E over the more northern regions, causing the wind in our Islands to vary in direction from SW to W and NW, and bringing with them a considerable amount of cloud but little rain. One of these disturbances is just passing away over Scandinavia, and NW winds with a rising barometer are felt on all the eastern shores of the North Sea; but along all our western and northern coasts the wind has returned to the S, and the barometer has begun to fall again during the night. These changes show that a new depression is advancing from the W, but the gradients being slight it does not promise any strong winds nor bad weather. Temperature has fallen in the east but is rising in the west, and the weather is very oppressive. The sky has become clear in the north and north east but is cloudy elsewhere and the sea is very little disturbed even at our most western stations.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.



# DAILY WEATHER REPORT JULY 4<sup>TH</sup> 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade (0 to 12).	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 32° F. yesterday.	Dry.	Wet.	Difference from 32° F. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.88	66	Z	0	b	29.94	+0.06	66	57	-2	?	4	b	*	*	*	-	
Hernösand	29.80	57	N	2	o	29.84	+0.11	62	56	-2	NE	2	b	*	*	*	-	
Stockholm	29.78	65	N	2	b	29.87	-0.02	63	57	-3	NW	2	c	*	*	*	-	
Wisby	29.87	63	SW	4	bc	29.87	-0.03	63	60	-2	N	6	bc	*	*	*	0.04	
Christiansund	30.00	54	WNW	3	c	29.83	-0.05	56	57	-1	WNW	2	o	3	57	50	-	
Skudesnaes	30.00	53	WNW	4	o	29.85	-0.16	55	52	-3	SSE	6	N	4	57	55	-	
Oxö (Xtiansand)	29.93	59	W	6	c	29.90	-0.05	57	54	0	WSW	5	c	3	66	54	-	
Skagen (The Scaw)	29.97	58	NW	3	b	29.92	+0.04	59	56	-1	WNW	3	c	3	70	54	-	
Fanö	30.04	57	W	1	c	30.01	-0.06	64	54	+1	SW	3	c	*	68	55	-	
Cuxhaven	30.19	*	*	*	*	30.05	-0.02	62	57	0	SW	1	o	*	?	52	-	
Sumburgh Head																		
Stornoway	29.69	56	S	3	c	29.76	-0.19	54	53	-1	WNW	6	o	6	57	51	0.08	
Thurso	29.81	58	SSE	1	o	29.64	-0.36	56	54	+1	W	5	o	4	61	54	0.01	
Wick	29.80	56	S	4	o	29.66	-0.34	57	55	+1	SW	4	o	3	60	53	0.03	
Nairn	29.75	65	SSW	2	o	29.73	-0.29	57	53	0	SSW	4	o	2	65	55	-	
Aberdeen	29.90	58	S	2	o	29.78	-0.28	61	53	+2	W	4	c	3	63	55	-	
Leith	29.90	65	WSW	5	c	29.89	-0.19	56	52	-4	W	4	c	*	73	53	-	
Shields	29.98	60	SSE	3	o	29.94	-0.17	57	52	-3	WNW	2	o	1	66	56	-	
York	30.03	67	S	4	o	29.98	-0.17	62	60	+3	W	5	bc	*	73	57	-	
Scarborough	30.13	58	SSE	3	bc	29.94	-0.20	65	58	+4	WNW	3	bc	1	67	57	-	
Nottingham	30.05	70	SSW	3	c	30.03	-0.13	64	61	+1	S	3	o	*	80	59	-	
Ardrossan	29.86	61	S	4	N	29.95	-0.11	56	53	-1	W	5	o	4	66	54	0.12	
Greencastle	29.76	61	W	3	N	29.95	-0.02	53	57	-4	WNW	3	o	*	64	49	0.08	
Donaghadee	29.87	62	SSW	3	c	29.99	-0.05	56	55	0	W	3	o	2	65	53	-	
Kingstown	29.92	67	S	4	c	30.04	-0.02	57	52	-6	WNW	4	c	3	72	56	0.01	
Holyhead	29.98	59	SSW	4	f	30.02	-0.07	57	53	-1	WNW	2	o	1	65	54	0.05	
Liverpool (Biston)	30.01	67	SW	3	c	30.03	-0.08	57	52	-6	W	2	c	3	70	55	0.02	
Valencia	29.93	59	SW	5	N	30.05	+0.06	54	57	-3	WNW	1	c	1	64	52	0.16	
Roche's Point	30.01	66	SW	4	N	30.06	+0.01	57	53	-5	NW	1	c	2	68	52	0.02	
Pembroke	30.06	60	SSW	3	f	30.05	-0.07	58	57	+1	N	1	o	3	65	56	0.08	
Portishead	30.09	64	WSW	3	c	30.06	-0.06	62	60	-3	WSW	4	o	3	70	58	-	
Scilly																		
Plymouth	30.14	65	SW	2	o	30.12	-0.03	63	62	+1	W	1	o	*	68	59	0.01	
Hurst Castle	30.11	60	W	4	bc	30.10	-0.03	61	60	-4	WSW	4	om	3	67	57	-	
Dover	30.11	61	WSW	1	b	30.10	-0.03	62	60	0	SW	3	bc	3	67	57	-	
London	30.10	73	SW	2	bc	30.09	-0.05	63	61	-2	SW	2	o	*	78	58	-	
Oxford	*	*	*	*	*	30.08	-0.08	64	60	+1	SW	1	o	*	75	57	-	
Cambridge	30.07	77	WSW	1	e	30.04	-0.10	67	62	+2	SW	1	o	*	79	56	-	
Yarmouth	30.10	59	ESE	2	f	30.03	-0.11	64	61	+5	WSW	3	c	1	64	58	-	
The Helder	*	*	*	*	*	30.03	-0.09	63	61	+1	SW	2	c	*	*	*	-	
Cape Gris Nez	30.13	64	SW	2	bc	30.14	-0.01	59	59	-4	WSW	3	f	3	70	54	-	
Brest	?	68	WSW	2	o	?	?	61	59	+2	SW	2	w	2	?	55	-	
L'Orient	?	64	NW	3	bc	?	?	63	61	+4	NW	1	bc	1	68	55	-	
Rochefort	30.17	72	WNW	5	b	30.21	+0.03	64	63	0	WNW	4	o	3	?	57	-	
Biarritz	30.22	72	WNW	2	b	30.23	+0.03	65	61	0	WNW	1	N	3	?	59	-	
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	30.11	-0.04	64	*	+2	W	3	c	*	*	*	*	
Charleville	*	*	*	*	*	30.08	00	64	*	0	W	1	o	*	*	*	*	
Paris	30.12	75	NW	2	bc	30.19	+0.03	61	*	-2	WNW	2	o	*	*	*	*	
Lyons	*	*	*	*	*	?	?	69	*	-2	N	6	b	*	*	*	*	
Toulon	30.02	68	E	1	c	30.06	+0.09	70	61	+2	E	1	b	3	81	50	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.04	57	52	WNW	4	bc	2	Valencia .....	29.96	62	58	S	5	c	4
Thurso .....	29.91	60	52	SSW	3	o	2	Scilly .....							
Scarborough ...	30.06	58	56	SSE	3	bc	2	London .....	30.11	72	65	SW	2	c	*
Greencastle ...	29.85	62	59	WSW	3	o	*	Rochefort ...	30.17	68	64	WNW	5	b	3
Holyhead .....	30.02	64	61	SSW	4	no	3								

*The barometer is falling everywhere, most in the NW. At Valencia the S. wind is fresh, but at our other stations very light breezes are reported. The weather continued overcast in the W. and N, and in London is hot and oppressive.*

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m on Tuesday 4<sup>th</sup> JULY 1876



**REMARKS** The depression whose advance from the W<sup>nd</sup> was noticed yesterday morning passed across our northern coasts during the night, and now lies over the Moray Firth and the north east of Scotland. As it approached the barometer over Scotland fell rather quickly, and the SW wind freshened generally - reaching the force of a gale in the Hebrides - but since midnight a recovery of pressure has taken place in the west and north-west, and the wind fallen lighter. The area of highest pressure still lies over France, and readings are very uniform over that country and our more southern stations but in the north, moderate gradients exist. The wind is NW on our western coasts, W at our other stations and SW on the eastern shores of the North Sea. In the south it is very light in force. Temperature has fallen a little in most places and is very uniform over Western Europe. During yesterday the thermometer rose to 80° at Nottingham, to 74° at Cambridge and to 78° in London but elsewhere the maxima were not high. A little rain has fallen in the W and N. and the sky is very cloudy this morning. The sea is rough in the British but calm off the west of Ireland and slight to smooth elsewhere.

Meteorological Office,  
16, Victoria Street, Westminster, S.W.

R. H. SCOTT.

Director

Printed by J. W. Smith, 22, Bedford St. - Great Britain



# DAILY WEATHER REPORT JULY 5<sup>TH</sup> 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 3.30 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		Reading at 8.30 P. and Sea Level.	Difference from 8.30 P. yesterday.	Dry.	Wet.	Difference from 8.30 A.M. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	29.89	57	SW	2	b	29.88	08	66	60	0	SE	2	b	*	*	*	-		
Hernösand	29.81	60	Z	0	b	29.81	02	63	57	+1	ENE	1	b	*	*	*	-		
Stockholm	29.77	62	S	2	b	29.76	05	69	60	+6	Z	0	b	*	*	*	-		
Wisby	29.86	61	W	4	b	29.83	04	63	59	0	WNW	4	b	*	*	*	-		
Christiansund	29.70	60	NNE	2	0	29.74	11	57	54	+1	Z	0	0	63	54	-	-		
Skudesnaes	29.78	57	WSW	4	0	29.81	03	59	54	+4	WSW	2	62	3	61	55	-		
Oxö (Kistisund)	29.79	56	SW	4	0	29.78	12	58	55	+1	WSW	4	b	3	61	52	-		
Skagen (The Sea)	29.81	62	SW	1	0	29.79	13	60	59	+1	W	4	c	2	70	54	0.04		
Fanö	29.93	59	W	4	c	29.92	09	67	60	+3	W	4	62	*	68	57	-		
Cuxhaven	29.99	*	*	*	*	29.95	10	62	59	0	W	2	b	*	71	*	-		
Sumburgh Head																			
Stornoway	29.85	55	W	2	0	29.84	35	53	52	-1	E	1	re	4	57	49	0.06		
Thurso	29.81	56	WNW	5	62	29.81	13	56	52	0	S	4	c	3	59	43	0.11		
Wick	29.83	54	NW	4	62	29.83	13	57	54	0	SE	5	0	3	62	44	-		
Nairn	29.86	64	SW	2	b	29.84	19	59	54	+2	SW	2	c	2	64	49	-		
Aberdeen	29.84	66	S	1	c	29.61	12	56	53	-3	S	4	0	2	69	52	-		
Leith	29.91	60	WSW	3	62	29.64	28	58	56	+2	SW	3	c	*	67	48	0.02		
Shields	29.94	63	WNW	3	b	29.73	21	61	59	+2	SW	3	ow	1	64	53	0.04		
York	29.96	65	W	2	0	29.87	17	64	64	+2	S	2	0	*	68	53	0.01		
Scarborough	29.75	58	SSE	2	b	29.77	17	65	63	0	SSW	4	c	2	68	55	-		
Nottingham	29.97	73	SW	2	0	29.88	16	66	63	+2	S	5	0	*	80	59	-		
Ardrossan	29.93	60	NW	2	c	29.62	33	60	58	+4	SSE	5	c	4	62	53	-		
Greencastle	29.90	58	ENE	3	0	29.53	42	58	54	+5	WSW	6	0	*	64	50	-		
Donaghadee	29.93	58	S	2	c	29.65	34	62	58	+6	SW	6	c	4	62	52	-		
Kingstown	29.95	61	SE	5	62	29.75	20	64	57	+7	W	4	c	3	65	57	-		
Holyhead	29.98	62	SSW	2	b	29.78	24	59	58	+2	SSW	4	ow	3	66	56	0.06		
Liverpool (Hulton)	29.98	61	NW	1	b	29.78	25	66	61	+9	SW	4	c	2	67	56	0.12		
Valencia	29.79	61	SE	4	0	29.79	26	57	53	+3	WSW	3	c	3	64	53	0.06		
Roche's Point	29.96	62	SE	3	W	29.84	22	60	57	+3	W	5	c	4	70	?	0.12		
Pembroke	30.00	61	S	1	2	29.84	18	59	59	+1	SW	3	of	4	69	57	0.13		
Portishead	30.03	63	WSW	3	W	29.91	15	62	62	0	SW	5	W	3	66	58	0.18		
Scilly																			
Plymouth	30.07	63	SW	3	0	29.98	14	61	61	-2	SW	3	0	*	66	60	0.08		
Hurst Castle	30.06	61	WSW	4	0	30.00	10	60	59	-1	WSW	4	ow	4	64	57	-		
Dover	30.06	60	WSW	3	c	30.01	09	63	60	+1	SW	3	62	3	65	58	-		
London	30.03	69	SW	3	0	29.98	11	65	61	+2	SW	3	c	*	74	59	-		
Oxford	*	*	*	*	*	29.92	13	63	61	-1	SW	2	0	*	72	61	0.06		
Cambridge	30.01	67	SW	1	0	29.95	09	67	63	0	SW	2	0	*	71	59	-		
Yarmouth	29.99	69	WSW	2	62	29.94	09	64	62	0	WSW	3	0	1	70	59	-		
The Helder	*	*	*	*	*	29.95	08	64	62	+1	SW	2	62	*	*	*	-		
Cape Gris Nez	30.09	59	WSW	3	0	30.04	10	61	59	+2	SW	3	c	2	63	?	-		
Brest	?	70	SW	3	c	?	?	59	57	-2	SW	3	0	4	?	57	-		
L'Orient	?	63	W	1	0	?	?	63	59	0	SW	3	0	1	70	57	-		
Rochefort	30.15	73	NW	4	b	30.11	10	66	63	+2	W	3	b	3	?	59	-		
Biarritz	30.15	72	NNW	2	b	30.13	10	63	61	0	NNW	1	0	3	?	59	-		
Corunna	*	*	*	*	*									*	*	*	*		
Brussels	*	*	*	*	*	30.05	06	62	*	-2	WSW	3	0	*	*	*	*		
Charleville	*	*	*	*	*	30.04	04	60	*	-4	WSW	1	0	*	*	*	*		
Paris	30.10	74	NNW	3	62	30.09	10	68	*	+7	E	1	b	*	*	*	*		
Lyons	*	*	*	*	*	?	?	72	*	+3	W	2	b	*	*	*	*		
Toulon	30.06	72	Z	0	c	30.04	02	73	63	+3	E	1	b	2	79	70	-		

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.77	61	58	S	5	b c	4	Valencia .....	29.94	56	52	SSE	3	c	3
Thurso .....	29.79	58	54	WNW	6	c	5	Seilly .....							
Scarborough ...	29.94	65	58	WNW	3	b	2	London .....	30.04	72	66	SSW	3	o	*
Greencastle ...	29.95	59	53	SSW	2	o	*	Rochefort ...	30.17	70	64	NW	4	b	3
Holyhead .....	30.03	60	54	WNW	1	c	o								

The barometer is rising briskly at Thurso, and the wind there has veered to NW, but in the west of Ireland a fresh fall of the barometer has occurred, with a shift of wind to SSE, weather in the W. and N. is very unsettled.

## EXPLANATION OF COLUMNS.

**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.

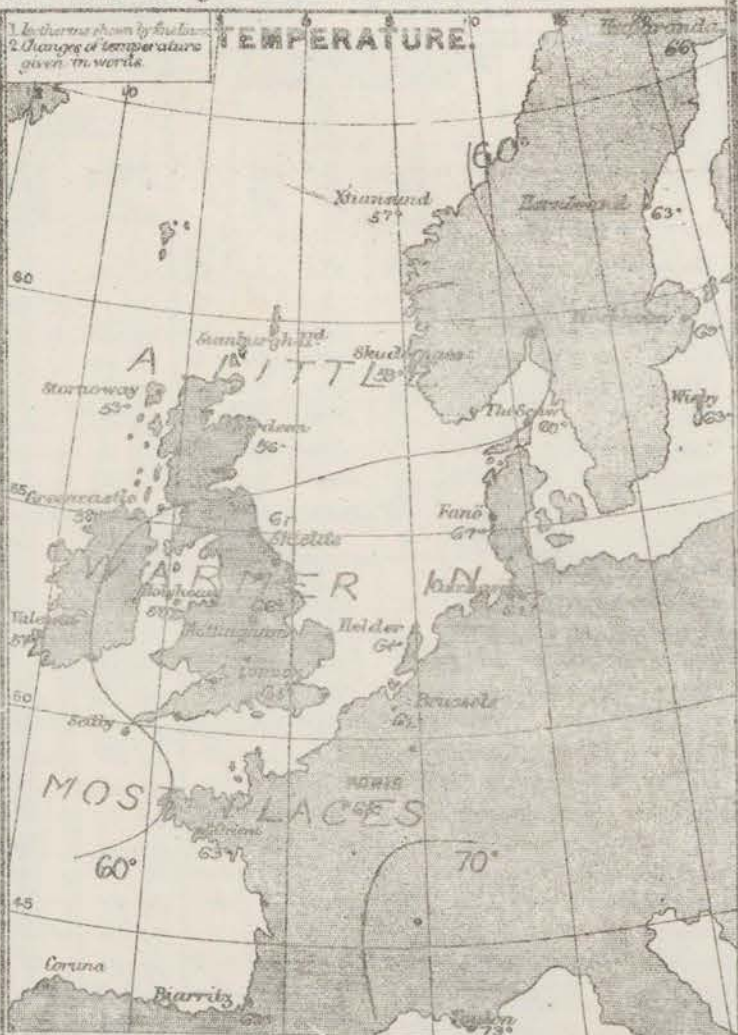
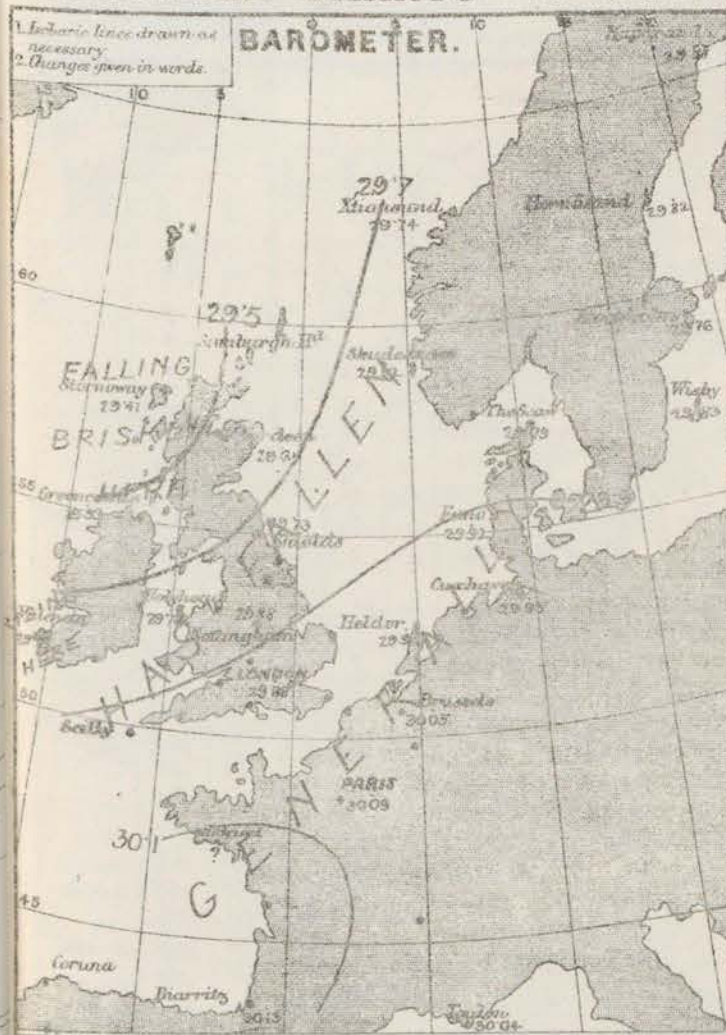
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



**WEATHER CHARTS** for 8 a.m. on Wednesday 5<sup>TH</sup> JULY 1876



**REMARKS** The recovery of pressure noticed in the west and north yesterday morning did not last long, a fresh fall of the barometer having appeared at Valencia in the afternoon. This decrease extended to all parts of our Islands during the past night, and a new depression is advancing this morning on the west coast of Scotland from the Atlantic. Its centre is apparently not far from the Hebrides, so that the mercury is falling quickly over Scotland, in the south-west of Ireland a recovery has again commenced. The area of highest pressure remains steadily over France and fresh to moderate breezes from SW are consequently experienced on most of our coasts but at Stormy a light E breeze prevails while at the other Scotch stations the wind is S and in the south of Ireland is veering towards W. On the eastern shore of the North Sea the wind is light from the W. Temperature has risen slightly in most places; the highest readings recorded yesterday were 80° at Nottingham and 74° in London but elsewhere the maxima were not high. Some rain has fallen in the west and the sky is still somewhat cloudy except in Denmark and Sweden. The sea is moderate to smooth. Stormy at Garm, reports a brisk fall of the barometer with a hard SW gale and rain. Warnings were issued to our S and SE coasts last evening, calm lowered again this morning.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

**R. H. SCOTT.**  
Director

Dangerfield, Jath, 22 Bedford St Covent Garden



# DAILY WEATHER REPORT JULY 6<sup>TH</sup> 1876.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dirce.	Force. (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.79	66	SE	2	6	29.84	-.04	68	59	+2	SE	2	6	*	*	*	-		
Hernösand	29.82	59	Z	0	6	29.79	-.03	63	59	0	Z	0	6	*	*	*	-		
Stockholm	30.13	64	SSW	2	0	29.81	+ .05	66	59	-3	WSW	4	0	*	*	*	-		
Wisby	29.85	64	NW	2	6	29.90	+ .07	65	62	+2	NNW	4	0	*	*	*	-		
Christiansund	29.67	59	N	3	0	29.63	-.11	57	55	0	N	4	2	61	54	-	-		
Skudesnaes	29.71	57	SSE	6	0	29.82	-.00	62	58	+3	WSW	4	6	4	?	54	-		
Oxö (Xtiansand)	29.80	57	SW	4	6	29.82	+ .04	58	55	0	WSW	4	6	3	61	55	-		
Skagen (The Swan)	29.83	58	WSW	2	60	29.83	+ .04	63	59	+3	WNW	4	6	3	68	54	-		
Fanö	29.89	63	WSW	3	0	29.95	+ .03	67	63	0	W	4	6	*	68	63	0.08		
Cuxhaven	29.93	*	*	*	*	29.98	+ .03	67	65	+5	W	2	0	*	?	60	-		
Sumbargh Head																			
Stornoway	29.46	55	SW	8	0	29.67	+ .26	53	57	0	W	6	beg	6	57	44	0.11		
Thurso	29.48	59	WSW	6	0	29.69	+ .18	54	57	-2	WSW	5	cl	4	70	47	0.01		
Wick	29.54	58	W	4	6	29.70	+ .19	55	54	-2	W	5	be	4	64	50	-		
Nairn	29.50	58	SSW	7	6	29.74	+ .20	57	57	-2	SSW	2	be	2	67	52	-		
Aberdeen	29.58	64	WSW	6	6	29.79	+ .18	57	53	+1	S	4	0	3	68	49	-		
Leith	29.70	61	W	4	6	29.88	+ .14	57	53	-1	WSW	4	be	*	70	57	-		
Shields	29.78	65	W	4	0	29.94	+ .21	61	53	0	WNW	3	buo	1	71	57	-		
York	29.83	65	W	5	6	29.99	+ .18	61	59	-3	WSW	3	6	*	73	57	-		
Scarborough	29.80	67	W	3	6	29.96	+ .19	65	58	0	W	2	6	2	73	53	-		
Nottingham	29.91	68	SSW	3	6	30.05	+ .14	65	60	-1	SW	1	6	*	73	44	0.04		
Ardrossan	29.87	60	WNW	3	0	29.91	+ .29	56	54	-4	SSW	4	0	4	62	54	-		
Greencastle	29.72	59	W	6	0	29.86	+ .33	57	53	-1	SW	4	be	*	63	49	0.04		
Donaghadee	29.79	61	W	5	6	29.93	+ .28	60	56	-2	W	4	6	3	65	49	-		
Kingstown	29.84	66	W	4	6	29.99	+ .24	58	53	-6	SSE	4	6	3	67	55	-		
Holyhead	29.86	62	SW	4	6	29.98	+ .20	57	54	-2	WSW	2	6	1	64	57	-		
Liverpool (Bidston)	29.86	62	W	3	0	29.99	+ .21	64	58	-2	SSW	1	6	1	69	53	-		
Valencia	29.92	59	WSW	3	6	29.92	+ .13	57	54	0	SE	3	0	3	61	52	-		
Roche's Point	29.92	66	W	5	6	29.96	+ .12	59	56	-1	SE	1	be	2	68	50	-		
Pembroke	29.94	65	WSW	1	6	30.00	+ .13	61	58	+2	S	1	6	2	65	55	0.01		
Portishead	29.95	64	WSW	3	0	30.02	+ .11	61	57	-1	WNW	3	be	2	69	53	0.11		
Seilly																			
Plymouth	29.98	63	W	1	0	30.03	+ .05	60	59	-1	E	1	0	*	64	54	0.13		
Hurst Castle	29.96	60	W	4	0	30.02	+ .02	61	61	+1	S	1	om	1	61	58	0.02		
Dover	29.98	61	SW	3	0	30.06	+ .05	60	59	-3	SW	1	of	0	65	59	-		
London	29.96	68	SW	2	0	30.04	+ .06	63	59	-2	Z	0	0	*	70	57	-		
Oxford	*	*	*	*	*	30.00	+ .08	59	54	-4	Z	0	0	*	73	55	0.02		
Cambridge	29.96	70	SW	1	0	30.03	+ .08	62	58	-5	SSW	1	0	*	74	52	0.02		
Yarmouth	29.90	71	WSW	3	6	30.03	+ .09	63	60	-1	Z	0	buo	0	74	59	-		
The Helder	*	*	*	*	*	30.02	+ .07	63	62	-1	WSW	1	0	*	*	*	-		
Cape Gris Nez	30.02	63	SW	2	0	30.06	+ .02	61	61	0	SW	2	f	2	66	57	-		
Brest	?	64	SW	3	0	?	?	59	59	0	S	2	no	3	?	57	0.12		
L'Orient	?	61	WSW	2	0	?	?	61	61	-2	SW	2	no	2	68	59	-		
Roche fort	30.07	73	NW	4	6	30.06	-.05	66	63	0	N	3	6	3	?	54	-		
Biarritz	30.07	72	NNW	1	6	30.07	-.08	66	63	+3	ENE	1	be	3	?	61	-		
Coronna	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.09	+ .04	64	*	+2	W	3	0	*	*	*	*		
Charleville	*	*	*	*	*	30.01	-.03	70	*	+10	WNW	1	be	*	*	*	*		
Paris	30.01	79	WSW	2	6	30.08	-.01	65	*	-3	NNE	2	be	*	*	*	?		
Lyons	*	*	*	*	*	?	?	73	*	+1	N	2	6	*	*	*	*		
Toulon	30.02	77	W	2	6	30.06	+ .02	79	68	+6	NW	1	6	2	82	72	-		

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29.75	62	57	SSE	4	0	Valencia .....	29.88	59	55	WSW	3	0	3
Thurso .....	29.39	66	54	SSW	6	0	Scilly .....							
Scarborough ...	29.76	73	65	W	2	0	London .....	29.96	68	64	SW	3	0	*
Greencastle ...	29.68	58	54	SW	5	0	Rochefort ...	30.10	70	64	NW	3	6	3
Holyhead .....	29.84	62	58	SSW.	5	0								

The depression noticed in the NW this morning is passing off towards Norway. The strong SW gale has extended to our NE coasts. The barometer, after rising in Ireland, has become almost steady at Valencia.

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m on Thursday 6<sup>th</sup> JULY 1876



**REMARKS** The depression which lay off the northwest coast of Scotland yesterday morning has since passed away in a NE<sup>n</sup> direction, and the barometer has risen somewhat over the whole of our Islands and the North Sea. Gradients are, however, still rather steep over our more northern stations but in the south, owing to a slight fall of the barometer over the Bay of Biscay, readings have become exceedingly uniform. The winds are consequently very light and variable over France and the south of England, while moderate W<sup>ly</sup> breezes prevail over Scotland, Norway and Denmark but in the south of Ireland a fresh decrease of pressure has taken place during the night and the wind has backed to the SE<sup>ly</sup>. Temperature has decreased a little in most places, and the maximum readings yesterday were only a few degrees above 70° in all parts of the country. Lightning was seen in London last evening. The sky is slightly cloudy in most places this morning but the weather is much finer than it was yesterday. The sea continues rough at Stormoway but is slight to calm elsewhere.

Subscription for these Charts payable in advance to cover delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
 116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
 Director.



# DAILY WEATHER REPORT JULY 7<sup>th</sup> 1876.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PART 4 HOURS.		
	Barometer at 32° F. and Sea Level.	Therm. in shade.	Wind.		Weather.	Barometer at 32° F. and Sea Level.	GRADE TEMP.			Wind.		Weather.	Sun. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.81	66	Z	0	b	29.77	-0.07	64	60	SE	2	0	*	*	*	-			
Hernösand ...	29.74	57	S	2	f	29.78	-0.01	63	58	N	2	6	*	*	*	-			
Stockholm ...	29.81	65	WSW	4	c	29.84	+0.06	66	58	0	WSW	2	6	*	*	*	-		
Wisby ...	29.92	65	SSW	4	b	30.00	+0.10	62	60	-3	NW	6	6	*	*	*	-		
Christiansund ...	29.76	52	WSW	7	v	29.81	+0.18	59	57	+2	SW	2	6	4	59	48	-		
Skudesnaes ...	29.92	57	SW	5	bc	29.90	+0.08	59	55	-3	SSE	6	0	4	?	57	-		
Oxö (Xtiansand) ...	29.93	58	SW	6	b	29.98	+0.16	56	54	-2	NNW	2	c	2	61	52	-		
Skagen (The Scaw) ...	29.94	58	W	4	0	29.96	+0.13	60	58	-3	W	3	6	2	68	54	-		
Fanö ...	30.05	54	Z	0	bc	29.96	+0.01	64	58	-6	E	4	c	*	68	50	-		
Cuxhaven ...	30.06	*	*	*	*	29.93	-0.05	67	64	-0	S	3	bc	*	?	60	-		
Sumburgh Head																			
Stornoway	29.80	56	WSW	6	b	29.72	+0.05	54	52	+1	SE	1	6	2	58	42	0.01		
Thurso ...	29.80	59	W	4	bc	29.74	+0.05	59	52	+5	E	2	6	2	64	44	-		
Wick ...	29.83	59	W	4	bc	29.75	+0.05	56	52	+1	E	1	6	2	62	43	-		
Nairn ...	29.85	59	SSW	2	c	29.78	+0.04	56	50	-1	Z	0	bc	0	65	36	-		
Aberdeen ...	29.83	66	W	1	b	29.72	-0.07	55	50	-2	Z	0	0	1	68	52	-		
Leith ...	29.88	65	W	3	bc	29.71	-0.17	55	54	-2	ENE	2	0	*	71	53	0.04		
Shields ...	29.94	62	E	1	0	29.68	-0.26	60	57	-1	N	2	0	1	70	55	0.19		
York ...	29.91	70	S	2	c	29.71	-0.28	64	62	+3	S	1	0	*	73	58	0.54		
Scarborough ...	29.90	62	SSW	3	bc	29.66	-0.30	65	63	0	SW	3	c	2	71	57	0.32		
Nottingham ...	29.93	72	S	3	c	29.75	-0.30	63	?	-2	S	5	0	*	81	60	0.38		
Ardrossan ...	29.87	60	WNW	3	c	29.77	-0.14	56	54	0	NE	2	0	2	64	55	0.02		
Greencastle ...	29.87	60	E	2	bc	29.66	-0.20	56	53	-1	ENE	1	0	*	69	45	-		
Donaghadee ...	29.88	62	S	3	bc	29.68	-0.25	57	54	-6	NNW	3	no	2	65	53	0.01		
Kingstown ...	29.88	61	ESE	3	0	29.71	-0.28	58	57	0	E	1	f	1	64	56	0.10		
Holyhead ...	29.88	60	NE	2	0	29.69	-0.29	59	58	+2	SW	2	f	1	69	56	0.39		
Liverpool (Bidston) ...	29.87	65	N	2	0	29.68	-0.31	63	62	-1	SSW	1	0	1	69	56	0.44		
Valencia ...	29.76	61	SE	2	0	29.59	-0.33	59	58	+2	SSE	3	no	3	64	56	0.06		
Roche's Point... ..	29.79	58	ESE	4	v	29.69	-0.27	60	60	+1	SSE	3	no	3	67	53	0.58		
Pembroke ...	29.86	58	SW	2	v	29.76	-0.24	58	56	-3	WSW	1	0	4	66	57	0.45		
Portishead ...	29.91	63	SSE	4	v	29.80	-0.22	63	60	+2	WSW	5	0	4	69	57	0.44		
Scilly ...																			
Plymouth ...	29.92	60	S	4	0	29.85	-0.18	60	60	0	Z	0	0	*	64	57	0.75		
Hurst Castle ...	29.96	61	S	2	0	29.85	-0.17	61	60	0	WSW	4	0	3	64	58	0.38		
Dover ...	29.99	61	WSW	1	bc	29.86	-0.20	61	59	+1	WSW	4	c	3	65	60	-		
London ...	29.96	71	S	2	0	29.84	-0.20	66	61	+3	SW	3	bc	*	76	52	0.14		
Oxford ...	*	*	*	*	*	29.80	-0.20	61	59	+2	SW	3	0	*	73	59	0.34		
Cambridge ...	29.93	77	S	1	0	29.80	-0.23	64	61	+2	SW	2	0	*	80	60	0.26		
Yarmouth ...	29.98	64	SSE	3	b	29.80	-0.23	64	62	+1	SW	3	0	1	66	60	0.17		
The Helder ...	*	*	*	*	*	29.83	-0.19	67	65	+4	S	2	c	*	*	*	-		
Cape Gris Nez	30.02	61	Z	0	c	29.92	-0.14	63	61	+2	WSW	3	0	3	64	59	-		
Brest ...	?	64	S	4	v	?	?	59	59	0	SW	4	no	0	?	57	0.12		
L'Orient ...	?	61	S	2	v	?	?	63	63	+2	SW	3	no	3	66	59	0.63		
Rochefort ...	30.03	73	NW	4	c	30.06	0.00	70	66	+4	WSW	3	0	3	?	57	-		
Biarritz ...	30.06	73	NNE	2	bc	30.08	+0.01	70	61	+4	ESE	1	bc	3	77	65	-		
Corunna ...	*	*	*	*	*	30.07	-0.12	69	*	+2	SW	3	c	1	*	*	*		
Brussels ...	*	*	*	*	*	29.89	-0.20	72	*	+8	SW	1	0	*	*	*	*		
Charleville ...	*	*	*	*	*	29.89	-0.12	72	*	+2	SE	3	0	*	*	*	*		
Paris ...	29.98	78	NE	3	c	29.99	-0.09	72	*	+7	WSW	3	0	*	*	*	?		
Lyons ...	*	*	*	*	*	?	?	72	*	-1	N	2	?	*	*	*	*		
Toulon ...	30.09	82	W	2	b	30.16	+0.10	75	68	-4	E	1	no	2	82	72	-		

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.90	60	55	SSW	6	c	5	Valencia .....	29.83	64	57	SE	2	0	2
Thurso .....	29.75	62	53	W	5	c	4	Scilly .....							
Scarborough ...	29.96	70	61	SW	2	bc	2	London .....	30.01	71	66	SSE	1	c	*
Greenecastle ...	29.88	65	58	SW	2	c	*	Rochefort ...	30.04	70	64	NW	4	bc	3
Holyhead .....	29.96	67	61	WSW	2	c	0								

The mercury is now falling at all the euro S\* and W\* stations, while it is rising at the N. Otherwise very little change has occurred.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. 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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

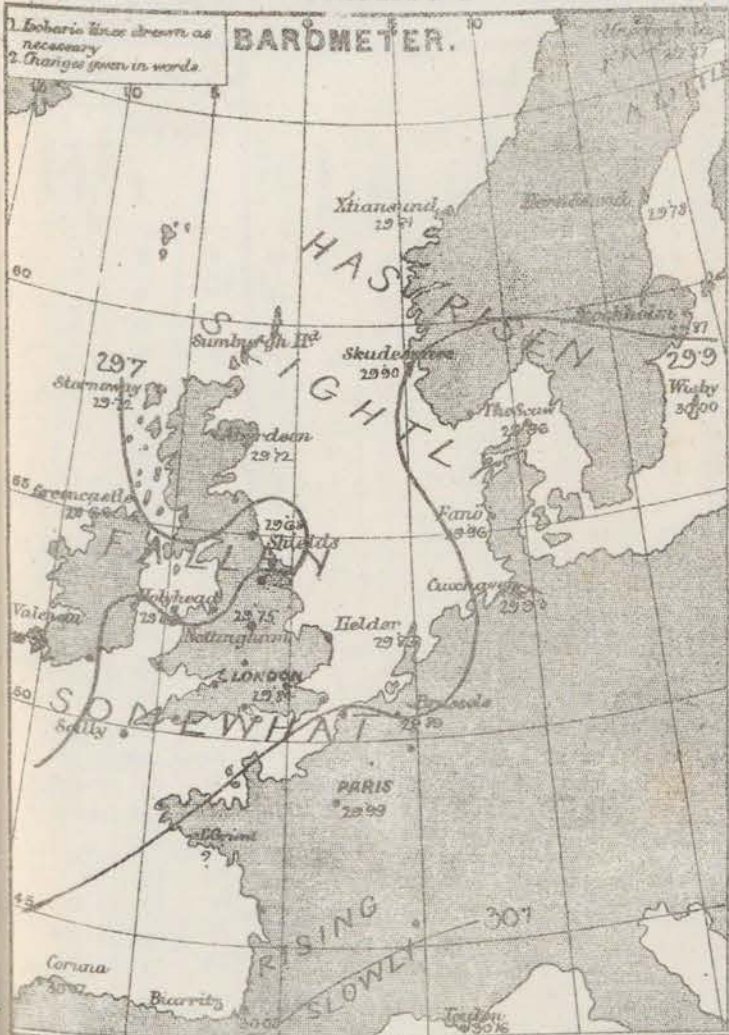
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Friday 7<sup>th</sup> JULY 1876

## BAROMETER.

1. Isobars lines drawn as necessary
2. Changes given in words



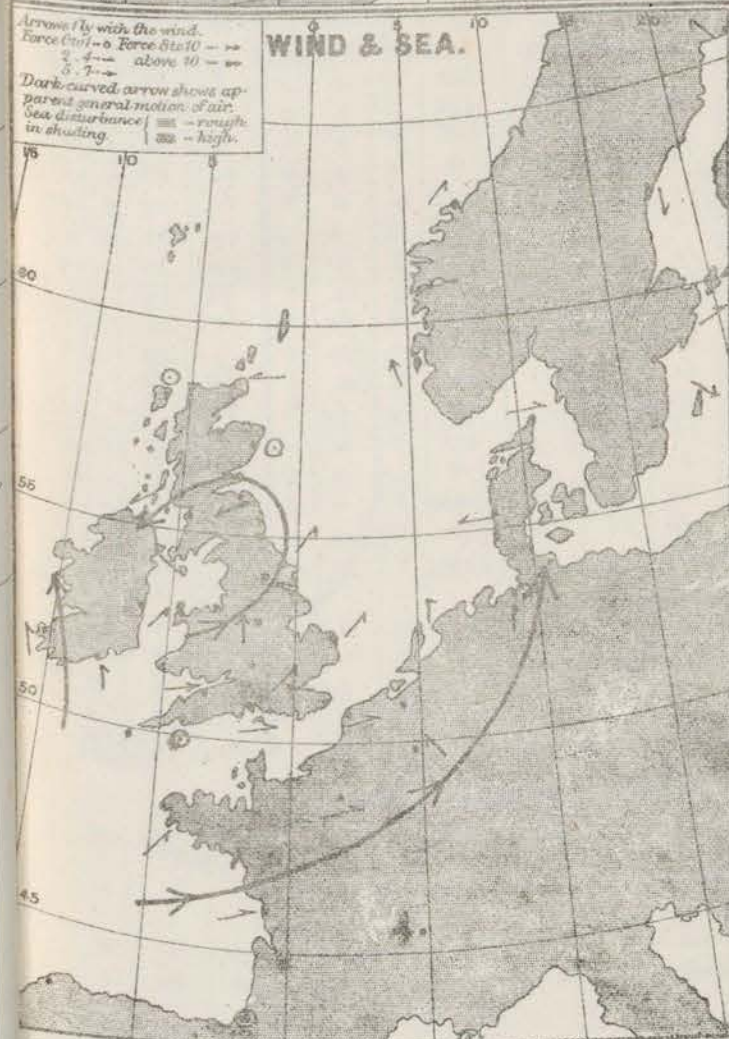
## TEMPERATURE.

1. Isotherms shown by lines
2. Changes of temperature given in words



## WIND & SEA.

1. Arrows (1) with the wind.
- Force (1) - 6 Force (10) - 2
- Force (10) - 3 Force (10) - 4
- Force (10) - 5 Force (10) - 6
- Force (10) - 7 Force (10) - 8
- Force (10) - 9 Force (10) - 10
- Force (10) - 11 Force (10) - 12
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- Force (10) - 25 Force (10) - 26
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- Force (10) - 95 Force (10) - 96
- Force (10) - 97 Force (10) - 98
- Force (10) - 99 Force (10) - 100



## WEATHER.

1. Prevalence of cloud, fog, rain, &c. given in letters (see next column)
2. Heavy falls of rain given in inches and tenths



## REMARKS

The distribution of pressure as reported this morning is rather irregular. In the south of France as well as over Norway, Sweden and Denmark the mercury has risen, and areas of high pressure prevail in both localities but over the British Isles a rather brisk fall has taken place and a shallow depression has advanced to the north of England. At the same time the decrease is continuing in the south of Ireland so that still lower pressures are apparently advancing upon us from the Atlantic. The wind is consequently S at Valencia and Roches Pt but at all our other stations it is governed by the depression in the north being W in the south, S on our east coast and E to NE over Scotland. On the western shores of the North Sea it is more variable in direction but on all coasts it is light or moderate in force. Temperature has risen somewhat at the most stations but has changed little elsewhere. At Nottingham and Cambridge the thermometer went as high as 80° yesterday, while the maximum in London was 76°. The weather has been dry in the north but the above-mentioned depression brought rain to all our other stations, the falling rather large except in the south east. This morning rain is falling in the south of Ireland, and the sky is cloudy except in Scotland. The sea is slight to calm.

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Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT,  
Director.

Denyerfield, Lth. 22, Bedford St. Coventry 3.



# DAILY WEATHER REPORT JULY 8<sup>TH</sup> 1876.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Bar. (0 to 32).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda	29.73	60	SW	2	b	29.84	+07	63	59	-1	S	4	b	*	*	*	-		
Hernösand	29.84	61	S	2	c	29.84	+06	66	57	-3	Z	0	r	*	*	*	-		
Stockholm	29.92	67	E	2	o	29.82	+05	65	62	-1	S	4	o	*	*	*	0.04		
Wisby	29.97	64	S	4	o	29.89	+11	69	65	+7	SW	4	b	*	*	*	0.04		
Christiansund	29.78	57	ENE	1	bo	29.67	+14	58	54	-1	Z	0	c	o	59	48	-		
Skudesnaes	29.71	57	Z	0	o	29.65	+25	60	58	+1	SSE	6	o	4	61	57	-		
Oxö (Xtiansand)	?	54	NE	6	r	29.69	+29	55	54	-1	NNE	2	o	3	61	52	-		
Skagen (The Scaw)	29.75	62	SE	5	r	29.76	+20	63	62	+3	NNE	3	o	1	66	58	0.16		
Fanö	29.81	63	NSW	4	c	29.78	+18	69	66	+8	SW	4	e	*	73	61	0.16		
Cuxhaven	29.85	*	*	*	*	29.80	+13	72	68	+5	SW	3	b	*	?	63	0.60		
Sumburgh Head																			
Stornoway	29.60	58	ENE	1	o	29.57	+15	59	57	+5	E	1	c	2	60	53	0.06		
Thurso	29.65	62	ESE	2	b	29.57	+17	54	54	-5	Z	0	f	1	69	53	0.07		
Wick	29.66	56	E	2	b	29.57	+18	55	55	-1	ESE	1	f	1	65	62	0.04		
Nairn	29.61	55	SE	1	b	29.57	+21	56	55	0	Z	0	d	1	58	54	0.04		
Aberdeen	29.64	55	NE	1	o	29.56	+16	58	56	+3	Z	0	sm	0	58	54	0.03		
Leith	29.65	55	E	3	o	29.58	+13	65	62	+10	NY	2	bo	*	65	53	0.17		
Shields	29.65	58	E	2	o	29.61	+07	65	60	+5	SW	2	cm	1	66	55	0.03		
York	29.69	63	W	1	o	29.65	+06	64	61	0	S	2	o	*	73	59	0.04		
Scarborough	29.66	68	W	2	bo	29.63	+03	67	62	+2	SW	2	bo	1	70	59	-		
Nottingham	29.75	69	SW	2	o	29.68	+07	67	64	+4	SSE	4	bo	*	75	59	-		
Ardrossan	29.62	61	W	2	o	29.60	+17	60	59	+4	S	2	o	2	65	58	0.41		
Greenecastle	29.52	60	NY	1	r	29.58	+08	60	55	+4	W	1	o	*	65	53	0.50		
Donaghadee	29.59	56	SSE	2	o	29.60	+08	63	61	+9	WNW	2	o	1	63	54	0.03		
Kingstown	29.60	64	ESE	3	c	29.64	+07	61	56	+3	WNW	4	bo	3	65	58	0.02		
Holyhead	29.64	60	SSW	3	o	29.64	+05	57	56	-2	SW	3	cm	2	65	55	0.07		
Liverpool (Bidston)	29.66	65	S	2	o	29.64	+04	62	58	-1	SW	3	c	2	68	57	0.05		
Valencia	29.57	62	S	3	r	29.73	+14	57	56	-2	W	3	og	2	64	50	0.13		
Roche's Point	29.60	61	SW	5	r	29.70	+01	60	57	0	NY	5	c	4	?	57	0.18		
Pembroke	29.71	57	SSW	2	o	29.67	+09	59	58	+1	SW	1	c	3	61	56	0.31		
Portishead	29.76	63	W	5	o	29.72	+08	63	60	0	SW	2	o	3	71	58	0.10		
Scilly	29.76	62	SSW	5	o	29.78	-	60	58	-	W	6	o	5	64	53	0.05		
Plymouth	29.81	62	SW	2	o	29.76	+09	60	59	0	SW	4	o	*	63	58	0.08		
Hurst Castle	29.81	62	NSW	4	o	29.76	+09	62	61	+1	W	5	b	4	64	58	0.10		
Dover	29.84	61	W	3	o	29.80	+06	60	59	-1	NSW	3	c	2	63	59	0.06		
London	29.81	71	SW	3	o	29.76	+08	65	61	-1	NSW	3	o	*	76	59	-		
Oxford	*	*	*	*	*	29.78	+18	65	60	+4	NSW	2	bo	*	75	60	-		
Cambridge	29.77	68	SSW	2	o	29.72	+08	67	62	+3	SSW	2	c	*	79	59	-		
Yarmouth	29.76	74	SW	3	b	29.75	+05	65	62	+1	SW	3	c	1	76	61	-		
The Helder	*	*	*	*	*	29.77	+06	66	63	-1	SW	4	bo	*	*	*	-		
Cape Gris Nez	29.88	63	SW	3	f	29.81	+11	63	63	0	SW	3	c	2	70	59	0.08		
Brest	?	?	SSW	4	sm	?	?	61	59	+2	W	4	c	4	63	57	0.20		
L'Orient	?	63	SW	3	m	?	?	63	61	0	NSW	5	c	6	62	59	0.04		
Rochefort	30.00	75	W	1	bo	30.00	+06	70	66	0	W	5	o	0	81	61	-		
Biarritz	30.00	75	NSW	4	a	30.12	+04	68	64	-2	SSW	1	o	3	77	64	-		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	29.84	+05	71	*	-1	SW	2	o	*	*	*	*		
Charleville	*	*	*	*	*	29.79	+10	73	*	+1	SSE	3	c	*	*	*	*		
Paris	29.95	78	SW	4	bo	29.91	+08	69	*	-8	NSW	3	bo	*	*	*	?		
Lyons	*	*	*	*	*	?	?	75	*	+3	SW	2	c	*	*	*	*		
Toulon	30.14	75	NSW	3	t	30.12	+04	72	68	-3	SW	1	b	2	82	72	-		

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	s	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.76	61	58	SSE	2	o	3	Valencia .....	29.56	66	59	SSW	5	o	4
Thurso .....	29.69	66	56	ESE	2	bc	2	Scilly .....							
Scarborough ...	29.67	69	64	SW	3	c	2	London .....	29.83	74	66	SW	3	c	*
Greenecastle ...	29.59	63	59	SE	2	o	*	Rochefort ...	30.04	79	70	W	2	bc	3
Holyhead .....	29.71	63	61	SSW	3	cm	2								

The mercury is recovering somewhat in the N. of England from the depression noticed there this morning but in all other places the barometer is falling slowly. The weather is cloudy everywhere.

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.







# SUMMARY OF WEATHER IN WESTERN EUROPE

from July 2<sup>nd</sup> to July 8<sup>th</sup> 1876.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The distribution of pressure during this week has been very regular. The barometer has been highest over France and a series of disturbances has passed from SW. to NE. to the NW of our Islands, the mercury rising or falling as a depression was advancing or moving away. The wind has shifted in the same manner, "backing" to SW, then veering to W. and NW. and subsequently returning to SW. as a fresh fall appeared. Temperatures has not changed much and the maxima reported have not been very high. The sky has been cloudy and the weather close but rain has not fallen often except in the N. & N.

JULY 2<sup>ND</sup>—A large depression had passed from W. to E during the night to the NW of our Islands and lay at 8 am. near the Norwegian coasts, so that, while the mercury was falling over Scandinavia, it was rising slowly over the United Kingdom and France. The barometer continued steadily high over the latter country, so that gradients for NW winds existed, and moderate breezes from that quarter prevailed at most of our stations but in Norway S<sup>ly</sup> to SE<sup>ly</sup> breezes were reported. Temperature had risen very slightly generally. During the day the thermometer rose to 79° in London and to over 70° in many parts of the country and the weather was very close. The evening's Reports showed a further rise of the barometer on all coasts. —

JULY 3<sup>RD</sup> The depression, whose centre lay over the North Sea on the previous day, was disappearing over the Baltic, but the recovery of pressure which had taken place in its rear, while it still held over France and S<sup>th</sup> Britain, had given way to a fresh fall in the W. In consequence of these changes the wind, which was generally light in force, was rather irregular in direction, being NW<sup>ly</sup> both over the North Sea and the Bay of Biscay, S<sup>ly</sup> over Ireland and SW<sup>ly</sup> at most of our other stations. Temperature had risen slightly over the United Kingdom and during the day reached 80° at Nottingham, 79° at Cambridge and 78° in London. The sky was clear in the N. and NE. but was cloudy elsewhere. By the afternoon the decrease had reached all our coasts and rain had set in in the W.

JULY 4<sup>TH</sup> The disturbance, whose approach caused the general fall of the barometer on the 3<sup>rd</sup>, had passed across the N. of Scotland during the night, and lay, at 8 am., over the Orkney Firth. The barometer was consequently now falling in the E. and rising in the W., and the NW<sup>ly</sup> winds, which had prevailed over the North Sea, had given way to W<sup>ly</sup> to SW<sup>ly</sup> breezes, while NW<sup>ly</sup> winds were appearing on our W. coast. In nearly all places, however, the winds continued light in force. Temperature had fallen slightly at some stations but it was very uniform over NW Europe. The thermometer again reached 80° at Nottingham, during the day, but only went as high as 74° in London while elsewhere the maxima were still lower. The sky was very cloudy except in Sweden. Later reports showed a fresh fall of the barometer.



in the N. together with a "backing" of the wind to S. in that neighbourhood.

JULY 5<sup>TH</sup> The fall of the barometer noticed on the previous evening had extended to all parts of NW Europe during the night, and a fresh depression was advancing on the W. coast of Scotland from the Atlantic. The centre of this disturbance lay not far from the Hebrides so that while the barometer was falling generally, in the SW. of Ireland a recovery had again commenced. The wind continued NW<sup>y</sup> in the N. of France being governed by the anticyclone in that neighbourhood, but in all other places SW<sup>y</sup> breezes again prevailed. In force they were moderate generally but blew freshly at some of the NW<sup>n</sup> stations. Temperature though rather higher in some places continued very uniform over our area, but the maxima, reached during the day, were even lower than on the 4<sup>th</sup>. The sky was again cloudy except in Sweden. By 6 p.m. the mercury was rising at all but our E. coast stations.

JULY 6<sup>TH</sup> The recovery, noticed above, still held over the whole of these Islands and the depression in the N. had disappeared in a NE<sup>y</sup> direction. Over France however, a slight decrease had occurred, so that though gradients continued rather steep in the N., in the S. readings were very uniform. The winds were consequently very light and variable in that region while in the N., NW<sup>y</sup> breezes moderate or fresh in force, were reported. Temperature had decreased in nearly all places and over Central England the highest readings taken during the day were 80° at Nottingham and 76° in London. The weather was fine generally. In the afternoon a fall of the barometer commenced in the N. which became rather brisk towards evening.

JULY 7<sup>TH</sup> The barometer was rising slowly at most of the Continental stations but was falling on all our coasts and a small depression had advanced over the N. of England while a second, larger one appeared to be approaching the N. of Ireland. At Valencia and Roch's Pt the wind was consequently S<sup>y</sup> but being governed by the depression in the N. elsewhere, was NW<sup>y</sup> in the S., S<sup>y</sup> in the E. and SE<sup>y</sup> to E<sup>y</sup> in the N. In all places it was light to moderate in force. Temperature had scarcely changed but the weather had become overcast or cloudy everywhere. During the day both depressions moved NE<sup>w</sup> and at 6 p.m. one lay over the North Sea and the larger one over our NW<sup>n</sup> coasts. —

JULY 8<sup>TH</sup> The large depression noticed on the 7<sup>th</sup> lay over Scotland and the North Sea and the barometer was falling at all except the Irish stations, where a recovery had commenced. The wind inclined to NW. over Ireland, but was NW<sup>y</sup> at our other stations and drew into SW. over the North Sea and into SE at Skudesnaes. Temperature showed a tendency to increase in most places but the weather continued overcast and dull generally. Later in the day the recovery extended to all parts of the country the increase being brisk in the SW. —



# DAILY WEATHER REPORT *July 9<sup>th</sup>* 1876.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.89	60	Z	0	b	29.83	-01	59	55	-4	Z	0	r	*	*	*	-	
Hernösand	29.80	59	Z	0	b	29.71	-13	60	59	0	S	2	f	*	*	*	0.54	
Stockholm	29.79	68	S	2	c	29.75	-07	73	67	+8	S	4	r	*	*	*	-	
Wisby														*	*	*	-	
Christiansund	29.65	57	Z	0	r	29.54	-13	57	56	-1	WSW	3	n	1	63	55	-	
Skudesnaes	29.65	59	S	6	n	29.68	+03	62	59	+2	SSW	4	f	4	2	59	-	
Oxö (Xtiansand)	29.71	61	SNE	4	n	29.74	+05	60	58	+5	SW	4	c	3	61	52	-	
Skagen (The Seaw)	29.73	64	S	2	r	29.77	+04	61	60	-2	W	3	r	2	72	57	0.16	
Fanö	29.80	63	W	4	c	29.87	+09	65	62	-4	SSW	2	r	*	73	61	-	
Cuxhaven	29.77	*	*	*	*	29.88	+05	68	65	-4	W	2	bc	*	*	59	0.03	
Sumburgh Head																		
Stornoway	29.63	59	Z	0	r	29.49	-08	53	52	-6	S	4	n	4	63	49	0.12	
Thurso	29.63	57	Z	0	r	29.52	-05	56	55	+2	S	1	n	1	61	54	0.03	
Wick	29.66	59	E	1	f	29.53	-04	57	54	+2	S	2	bc	2	61	54	0.03	
Nairn	29.68	62	SW	1	c	29.57	00	60	55	+4	SW	1	c	1	66	55	0.03	
Aberdeen	29.64	61	Z	0	c	29.60	+04	58	56	0	SSW	3	n	2	67	54	0.1	
Leith	29.68	67	NW	3	b	29.66	+08	61	58	-4	WNW	4	c	*	75	55	0.03	
Shields	29.70	70	WNW	2	c	29.77	+16	59	56	-6	WNW	3	r	2	71	56	0.03	
York	29.75	67	W	2	c	29.85	+20	62	58	-2	SSW	3	r	*	72	56	-	
Scarborough	29.68	68	W	2	bc	29.79	+16	66	62	-1	WSW	4	bc	2	70	58	0.03	
Nottingham	29.82	67	WNW	2	b	29.93	+25	66	61	-1	SW	4	r	*	77	53	-	
Ardrossan	29.76	64	W	3	bc	29.72	+12	55	53	-5	SW	6	n	5	68	55	0.14	
Greencastle	29.74	62	W	3	b	29.61	+08	56	56	-4	W	4	n	*	68	52	0.16	
Donaghadee	29.77	58	NE	2	r	29.73	+13	59	57	-4	WNW	5	r	3	63	55	0.03	
Kingstown	29.83	68	WNW	4	bc	29.83	+19	63	57	+2	SW	4	c	3	69	58	-	
Holyhead	29.82	66	SW	3	b	29.87	+28	57	55	0	SSW	5	m	3	68	55	-	
Liverpool (Bidston)	29.79	65	W	4	b	29.87	+23	61	55	-1	SW	3	c	3	66	58	-	
Valencia	29.97	57	WNW	3	r	29.93	+20	57	55	0	W	4	r	4	60	53	0.03	
Roche's Point	29.97	64	NW	4	bc	29.96	+22	61	58	+1	NW	5	bc	4	60	54	-	
Pembroke	29.89	61	W	2	bc	29.99	+22	57	55	-2	SW	4	r	4	61	56	-	
Portishead	29.84	66	W	4	c	29.99	+27	62	58	-1	SW	7	bc	5	69	56	-	
Scilly	30.01	59	WNW	6	r	30.01	+23	61	58	+1	WSW	6	c	5	62	54	0.03	
Plymouth	29.93	64	W	3	r	30.08	+32	60	57	0	W	3	r	*	69	58	0.03	
Hurst Castle	?	?	?	?	?	30.05	+29	62	61	0	W	6	bc	4	66	57	-	
Dover	29.83	62	WSW	3	b	30.02	+22	66	61	+6	SW	2	b	2	68	59	-	
London	29.98	69	WSW	2	r	30.01	+25	65	60	0	SW	3	r	*	75	54	0.14	
Oxford	*	*	*	*	*	29.98	+28	63	59	-2	SW	2	c	*	74	59	0.21	
Cambridge	29.78	70	WSW	2	c	29.96	+24	65	60	-2	WSW	2	c	*	77	54	0.03	
Yarmouth	29.78	64	NW	1	c	29.94	+19	65	60	0	WSW	2	b	*	71	55	0.51	
The Helder	*	*	*	*	*	29.89	+12	63	62	-3	SW	4	bc	*	*	*	-	
Cape Gris Nez	29.85	61	WSW	4	c	30.06	+25	61	59	-2	WSW	3	b	3	66	57	0.03	
Brest	?	66	NW	3	r	?	?	59	55	-2	W	3	r	4	64	55	-	
L'Orient	?	63	NW	5	bc	?	?	61	57	-2	NW	3	r	3	68	55	-	
Rochefort	30.11	72	WNW	5	c	30.23	+23	64	61	-6	NW	2	r	3	75	64	-	
Biarritz	30.17	73	WSW	3	r	30.26	+14	68	66	0	SSW	2	c	3	?	61	-	
Corunna	*	*	*	*	*									*	*	*	-	
Brussels	*	*	*	*	*	29.90	+06	63	*	-8	SW	6	b	*	*	*	-	
Charleville	*	*	*	*	*	29.96	+17	61	*	-12	SW	3	r	*	*	*	-	
Paris	29.93	71	WNW	4	c	30.12	+21	62	*	-7	W	3	r	*	*	*	-	
Lyons	*	*	*	*	*	?	?	70	*	-5	N	3	c	*	*	*	-	
Toulon	30.06	75	SW	3	b	29.99	-13	66	61	-6	NW	5	b	4	82	?	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Bar.	Dry.	Wet.	Wind.	Wet.	Bar.	Dry.	Wet.	Wind.	Wet.	Bar.	Dry.	Wet.	Wind.	Wet.
Skudesnaes ...	29.66	60	57	S	6	6	5	Valencia .....	29.89	58	56	WNW	4	r	3					
Thurso .....	29.61	58	56	NE	1	of	6	Scilly .....	29.94	60	58	WNW	5	r	4					
Scarborough ...	29.67	69	63	SW	2	bc	1	London .....	29.79	66	63	WSW	3	of	*					
Greencastle ...	29.70	66	62	NW	2	c	*	Rocheport ...	30.09	73	64	NW	5	bc	3					
Holyhead .....	29.76	65	60	WSW	3	b	2													

The lowering of pressure noticed in the W. this morning has now extended to all stations. The sky is however cloudy generally and in London the weather is showery and temperature low.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. 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.

† The evening observations are taken at 6 p.m. in our Islands, at 9 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

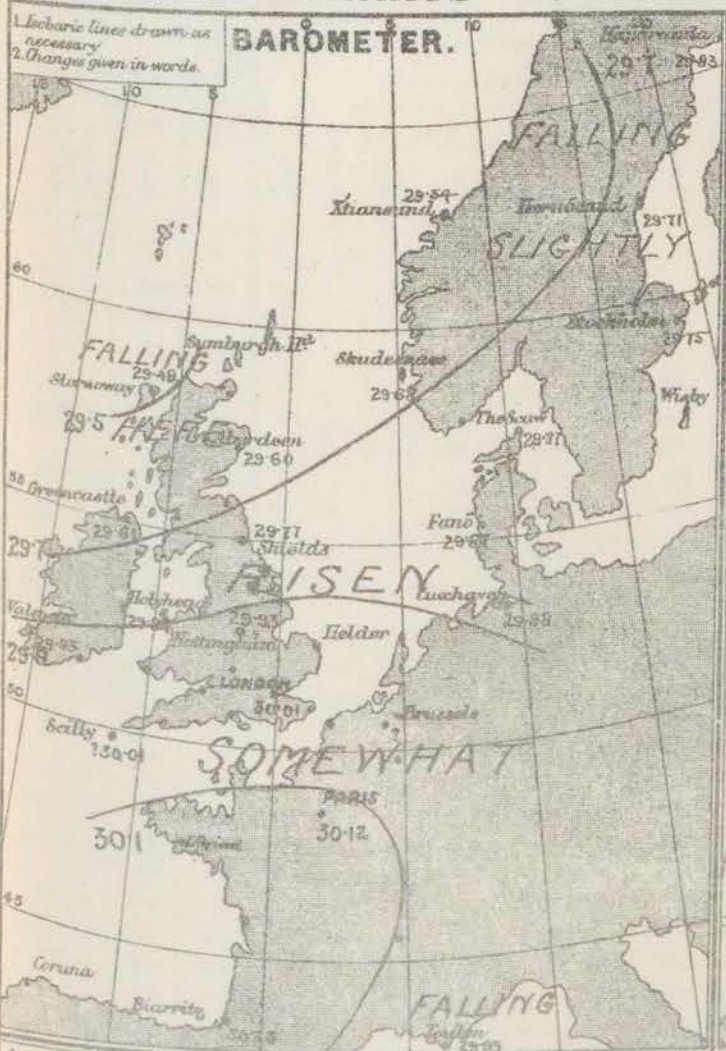
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Sunday JULY 9<sup>th</sup> 1876

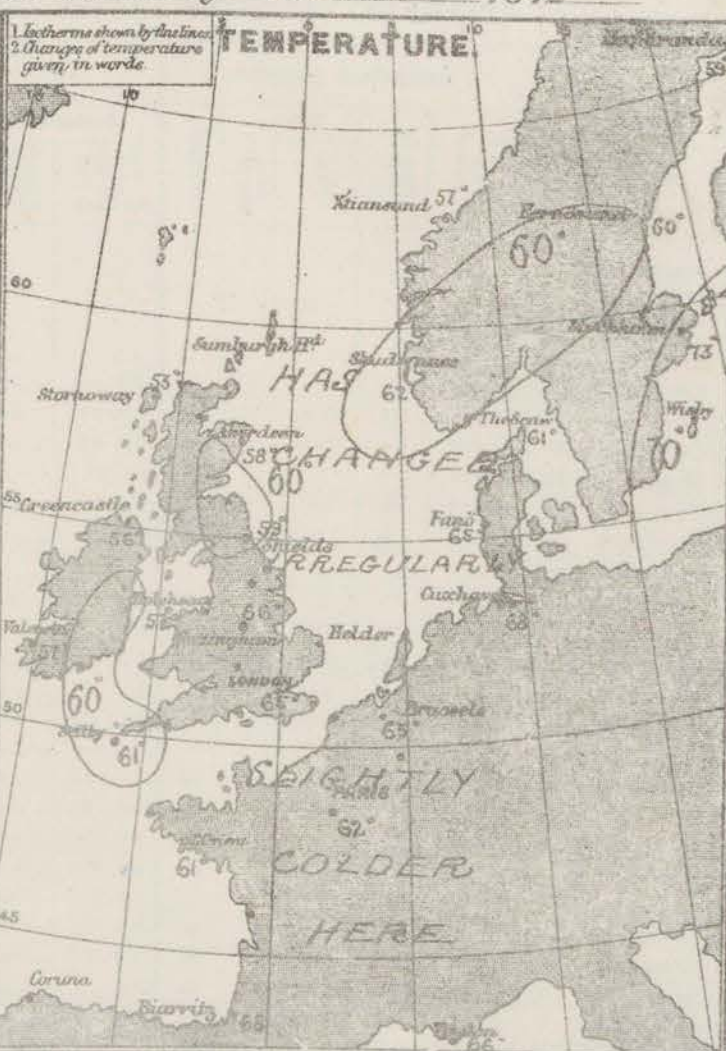
1. Isobars lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



1. Isotherms shown by lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



Arrows to with the wind.  
Force 0-2 Force 3-10  
3-4 above 10 -  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance: - rough in shading. - high.

## WIND & SEA.



1. Prevalence of cloud fog rain &c. given in letters (quantity & location).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** The shallow depression which lay over Scotland yesterday morning disappeared during the day, and the barometer rose. During the past night, however, a fresh disturbance has begun to advance towards Scotland and the consequences are falling on all our N<sup>W</sup> and NW<sup>W</sup> coasts. The wind, after veering to W and falling light has shifted to SW and S, the NW and NW<sup>W</sup> of our islands, and is freshening generally, while light W. breezes still hold in the N<sup>W</sup> parts of the sea, drawing into NW in the S. The depression has decreased in most places, and fog is cleared at nearly all stations with rain in Scotland and the N. of Ireland. Thunderstorms occurred in the E of England on Saturday afternoon. The sea is rather rough in the W. moderate to light elsewhere.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT,  
Director.

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# DAILY WEATHER REPORT July 10<sup>th</sup> 1876.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sun. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 13).			Reading at 32° F. and Sea Level.	Difference from yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).						
Haparanda ...														*	*	*			
Hernösand ...														*	*	*			
Stockholm ...														*	*	*			
Wisby ...														*	*	*			
Christiansund ...	29.45	58	E	1	o	29.40	-.14	59	56	+2	W	3	c	1	?	55	-		
Skudesnaes ...	29.58	57	SSE	7	h	29.57	-.09	53	63	-9	W	4	n	5	61	57	0.20		
Oxö (Xtiansand) ...	29.73	60	SSW	6	n	29.67	-.07	59	56	-1	SSW	4	bc	3	61	54	-		
Skagen (The Seaw) ...	29.78	62	N	2	n	29.72	-.05	62	60	+1	WSW	3	c	2	72	59	0.04		
Fanö ...	29.87	63	SW	4	c	29.81	-.06	64	62	-1	SW	4	c	*	70	?	-		
Cuxhaven ...	29.97	*	*	*	*	29.89	+0.01	63	60	-5	SW	4	o	*	71	?	-		
Samburgh Head ...																			
Stornoway ...	29.53	57	N	5	o	29.51	+0.02	52	50	-1	N	1	c	3	59	44	0.13		
Thurso ...	29.43	53	WSW	6	2	29.45	-.07	56	52	0	WNW	3	bc	4	66	?	0.06		
Wick ...	29.47	56	N	7	bc	29.50	-.03	56	50	-1	N	5	bc	2	64	46	-		
Nairn ...	29.56	57	SW	5	c	29.55	-.02	55	50	-5	SW	2	co	2	67	46	-		
Aberdeen ...	29.54	64	NNW	6	6	29.56	-.04	56	48	-2	NNW	2	bc	2	69	48	-		
Leith ...	29.65	58	NW	7	6	29.64	-.02	57	51	-7	NNW	4	bc	*	64	45	-		
Shields ...	29.75	65	N	3	bc	29.72	-.05	55	55	-4	N	8	bc	2	66	52	-		
York ...	29.84	65	N	5	6	29.84	-.01	55	57	-7	WSW	5	c	*	70	51	0.02		
Scarborough ...	29.78	64	N	3	6	29.75	-.04	59	53	-7	WNW	4	bc	2	69	52	-		
Nottingham ...	29.90	67	SSW	5	6	29.94	+0.01	59	54	-7	N	3	c	*	74	49	-		
Ardrossan ...	29.79	59	NW	5	c	29.71	-.01	57	49	-1	NW	6	bc	4	61	50	0.30		
Greencastle ...	29.81	54	N	4	o	29.74	+0.13	58	51	-1	N	5	o	*	60	45	0.32		
Donaghadee ...	29.84	58	WSW	5	bc	29.80	+0.07	56	53	-3	N	6	bcg	5	64	49	0.01		
Kingstown ...	29.92	65	N	4	bc	29.90	+0.07	55	50	-8	WNW	5	bc	n	67	52	-		
Holyhead ...	29.91	65	WSW	4	6	29.94	+0.07	55	52	-2	WSW	5	bc	3	68	53	-		
Liverpool (Bidston) ...	29.89	61	N	4	bc	29.86	-.01	55	49	-6	N	7	bc	4	68	52	-		
Valencia ...	30.09	57	NNW	3	o	30.03	+0.10	56	51	-1	NNW	4	c	3	59	57	-		
Roche's Point ...	30.02	66	NW	4	6	30.09	+0.13	54	52	-7	NW	5	o	n	67	52	-		
Pembroke ...	29.99	60	N	3	6	30.04	+0.05	56	50	-1	WNW	4	bc	3	61	55	-		
Portishead ...	29.98	62	WSW	5	bc	30.03	+0.04	59	57	-8	N	5	bc	4	68	54	0.03		
Scilly ...	30.11	59	NNW	4	o	30.16	+0.15	58	54	-3	NNW	6	o	5	63	54	-		
Plymouth ...	30.06	62	N	3	o	30.11	+0.03	60	56	0	NNW	5	bc	*	66	55	-		
Hurst Castle ...	30.03	62	WSW	6	o	30.04	-.01	59	56	-3	NW	5	c	n	63	56	-		
Dover ...	30.01	62	WSW	4	bc	30.04	-.01	65	58	-1	N	3	bc	3	68	59	-		
London ...	29.98	69	N	3	o	30.01	-.00	61	55	-4	WSW	3	c	*	77	52	-		
Oxford ...	*	*	*	*	*	29.99	+0.01	58	52	-6	N	2	bc	*	72	53	-		
Cambridge ...	29.94	68	WSW	3	c	29.97	+0.01	59	53	-6	WSW	3	bc	*	75	51	-		
Yarmouth ...	29.91	72	N	3	bc	29.92	-.02	60	54	-5	N	4	bc	1	74	55	-		
The Helder ...	*	*	*	*	*	29.89		63	62		SW	4	bc	*	*	*	-		
Cape Gris Nez ...	30.06	61	WSW	5	c	30.04	-.02	59	57	-2	WSW	4	bc	4	64	57	-		
Brest ...	?	64	WSW	4	m	?	?	57	52	-2	NNW	3	o	4	64	54	-		
L'Orient ...	?	63	NW	4	bc	?	?	57	54	-4	N	4	c	3	68	55	-		
Rochefort ...	30.24	70	NW	1	bc	30.21	-.02	66	63	+2	NW	3	c	3	70	59	-		
Biarritz ...	30.26	72	NNE	1	o	30.24	-.02	66	59	-2	ENE	2	bc	4	?	57	-		
Corunna ...	*	*	*	*	*									*	*	*			
Brussels ...	*	*	*	*	*	30.04	+0.14	63	*	0	SW	3	o	*	*	*			
Charleville ...	*	*	*	*	*	30.00	+0.04	60	*	-1	SSW	1	o	*	*	*			
Paris ...	30.13	69	SW	3	c	30.12	-.00	65	*	+3	SW	3	c	*	*	*			
Lyons ...	*	*	*	*	*	?	?	68	*	-2	N	2	bc	*	*	*			
Toulon ...	29.95	75	NW	5	6	30.06	+0.07	73	68	+7	E	1	m	4	81	66	-		

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.62	58	57	5	6	f	5	Valencia .....							
Thurso .....								Scilly .....							
Scarborough ...								London .....					#		
Greencastle ...						*		Rochefort ...	30.23	68	63	NNW	1	c	3
Holyhead .....															

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.







# DAILY WEATHER REPORT *July 11<sup>th</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 330 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sec. (0 to 8.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.72	59	S	4	b	29.67		63	60		S	4	5	*	*	*	-
Hernösand ...	29.58	61	SSW	4	bc	29.54		69	51		SSW	6	bc	*	*	*	0.04
Stockholm ...	29.75	67	SSW	4	5	29.82		64	55		SW	6	c	*	*	*	0.04
Wisby ...	29.85	59	SW	6	bc	29.93		2	?		W	6	bc	*	*	*	-
Christiansund ...	29.53	50	N	2	n	29.47	+07	56	57	-3	SE	2	b	2	57	46	-
Skudesnaes ...	29.61	53	WSW	6	5	29.78	+19	55	52	+2	WNW	6	5	5	57	54	-
Oxö (Xlansand) ...	29.65	54	SW	7	c	29.77	+10	57	53	-2	SW	6	b	4	61	52	-
Skagen (The Scaw) ...	29.72	53	WSW	3	bc	29.81	+09	57	56	-5	WSW	4	5	3	63	50	0.16
Fanö ...	29.87	54	WSW	4	bc	29.89	+08	61	57	-3	WSW	4	c	*	70	55	0.08
Cuxhaven ...	29.95	*	*	*	*	29.97	+08	61	57	-2	SW	3	c	*	?	53	-
Sumburgh Head																	
Stornoway ...	29.72	53	WNW	6	5	30.13	+62	52	48	0	NW	4	5	4	57	47	0.08
Thurso ...	29.65	55	NW	4	c	30.04	+59	52	48	-4	NNW	5	5	4	62	49	0.03
Wick ...	29.64	55	NW	4	c	30.04	+54	53	48	-3	WNW	4	5	2	63	47	0.01
Nairn ...	29.69	56	SW	5	5	30.09	+54	52	49	-3	WNW	5	5	3	63	49	0.04
Aberdeen ...	29.64	58	N	1	c	30.08	+52	55	49	-1	NW	3	5	2	66	51	-
Leith ...	29.74	67	NNW	5	bc	30.11	+47	58	54	+4	WNW	3	bc	*	64	50	-
Shields ...	29.79	59	N	7	c	30.11	+39	54	51	-1	WNW	2	5	2	62	51	-
York ...	29.90	60	W	6	c	30.14	+30	58	52	+2	NW	4	5	*	64	49	-
Scarborough ...	29.83	60	W	4	b	30.08	+33	66	53	-3	N	3	c	2	64	52	-
Nottingham ...	30.03	58	WSW	4	5	30.18	+24	61	57	+2	NW	5	c	*	70	52	0.01
Ardrossan ...	29.95	56	NW	7	c	30.16	+45	55	51	+1	NNW	3	c	3	59	52	0.03
Greencastle ...	29.95	55	W	6	5	30.20	+46	55	52	0	NNW	2	c	*	61	46	0.18
Donaghadee ...	29.96	58	NNW	4	bc	30.21	+41	57	53	+1	WNW	4	c	3	60	50	0.01
Kingstown ...																	
Holyhead ...	30.03	60	W	2	c	30.24	+30	55	52	0	NNW	5	5	4	63	52	-
Liverpool (Bidston) ...	30.08	57	W	7	5	30.20	+34	56	51	+1	WNW	5	c	3	61	53	-
Valencia ...	30.25	55	NNW	3	c	30.36	+33	56	50	0	NW	2	c	2	60	52	0.01
Roche's Point ...	30.17	59	NW	4	c	30.34	+25	56	52	+2	NW	3	c	3	62	52	-
Pembroke ...	30.11	58	NNW	5	bc	30.20	+26	55	51	-1	NW	2	c	2	59	54	-
Portishead ...	30.11	61	W	4	bc	30.26	+23	57	53	-2	WNW	4	bc	4	64	52	-
Scilly ...	30.24	59	WNW	6	c	30.35	+19	55	55	-3	WNW	3	5	4	60	55	0.07
Plymouth ...	30.17	62	W	2	c	30.30	+19	60	56	0	WNW	2	c	*	69	54	-
Hurst Castle ...	30.08	65	NW	4	b	30.25	+21	62	57	+3	NW	3	b	3	67	57	-
Dover ...	30.04	64	WSW	3	bc	30.19	+18	59	54	+6	NW	3	bc	2	68	54	-
London ...	30.05	66	W	3	c	30.21	+20	59	57	-2	WNW	2	c	*	70	48	-
Oxford ...	*	*	*	*	*	30.22	+23	59	52	+1	WNW	2	5	*	67	52	-
Cambridge ...	30.07	64	W	2	c	30.17	+20	58	54	-1	WSW	3	c	*	69	53	-
Yarmouth ...	29.97	64	W	2	bc	30.13	+21	58	53	-2	NW	4	bc	1	67	54	-
The Helder ...	*	*	*	*	*	30.05	+16	60	55	-3	W	4	c	*	*	*	-
Cape Gris Nez ...	30.06	59	WSW	5	b	30.22	+18	57	54	-2	NW	3	5	3	63	55	-
Brest ...	?	68	N	3	b	?	?	59	57	+2	NNW	3	bc	3	?	54	-
L'Orient ...	?	63	NNW	4	c	?	?	57	54	0	N	2	b	2	68	52	-
Rochefort ...	30.19	73	NW	4	bc	30.20	+09	63	57	-3	NNE	4	bc	3	73	59	-
Biarriz ...	30.22	73	NNW	3	b	30.20	+06	61	57	-5	NE	3	5	3	?	59	0.08
Corunna ...	*	*	*	*	*									*	*	*	*
Brussels ...	*	*	*	*	*	30.11	+07	59	*	-4	W	3	5	*	*	*	*
Charleville ...	*	*	*	*	*	30.13	+13	52	*	-8	WSW	2	c	*	*	*	*
Paris ...	30.12	67	NW	4	b	30.26	+14	59	*	-6	NW	3	b	*	*	*	?
Lyons ...	*	*	*	*	*	?	?	69	*	+1	N	2	b	*	*	*	*
Toulon ...	30.02	73	NW	4	b	30.06	00	73	61	0	NW	3	b	4	86	73	-

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.57	67	57	SSW	6	c	4	Valencia .....	30.21	59	53	WNW	4	c	3
Thurso .....	29.46	60	53	NW	4	b	4	Scilly .....	30.20	60	56	WNW	6	c	5
Scarborough ...	29.81	62	54	W	4	bc	2	London .....	30.02	66	55	W	2	c	*
Greencastle ...	29.86	58	53	W	6	c	*	Rochefort ...	30.19	70	63	NW	3	o	3
Holyhead .....	29.99	61	55	WSW	5	c	4								

Pressure continues to increase generally, most at Greencastle. The wind veered to NW at Thurso, and although little change has occurred elsewhere the clouds have begun to move fast from the same quarter at Greencastle.

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 7 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.







# DAILY WEATHER REPORT *July 12<sup>th</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer Readings at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 2).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.61	57	SE	8	b	29.74	+07	58	54	-5	SW	4	b	*	*	*	0.46		
Hernösand ...	29.72	62	Z	0	bc	29.90	+36	55	52	-4	NW	2	c	*	*	*	0.16		
Stockholm ...	29.84	62	SSW	2	c	29.91	+09	65	56	+1	W	2	b	*	*	*	-		
Wisby ...	29.96	64	SW	6	bc	29.99	+06	60	55	?	W	4	b	*	*	*	-		
Christiansund ...	?	55	NW	3	b	30.06	+59	54	46	-2	W	4	b	5	57	46	-		
Skudesnaes ...	30.06	57	NW	6	c	30.17	+39	54	49	-1	NW	6	c	4	55	52	-		
Oxö (Xtiansand)	29.94	56	NW	6	b	30.04	+27	58	52	+1	NW	4	b	2	61	50	-		
Skagen (The Scau)	29.90	58	N	5	b	30.00	+19	60	55	+3	NNW	4	b	4	64	54	-		
Fanö ...	30.15	57	NW	6	c	30.20	+31	57	50	-4	NW	6	c	*	?	?	0.08		
Cuxhaven ...	30.17	*	*	*	*	30.25	+28	59	53	-2	NW	5	c	*	?	55	-		
Sumburgh Head																			
Stornoway	30.25	58	NNW	2	b	30.09	-04	55	53	+3	SW	5	c	4	58	49	0.04		
Thurso ...	30.24	57	NW	4	bc	30.12	+08	51	50	-1	SSW	2	z	2	61	48	0.04		
Wick ...	30.26	57	NW	2	c	30.14	+10	51	50	-2	S	3	z	1	62	44	-		
Nairn ...	30.27	58	WNW	1	c	30.20	+11	52	50	0	WNW	1	c	1	61	49	0.03		
Aberdeen ...	30.24	58	N	1	bc	30.20	+12	56	51	+1	SW	1	c	1	61	51	-		
Leith ...	30.27	61	WNW	3	c	30.20	+19	54	51	-4	WSW	3	c	*	66	49	-		
Shields ...	30.29	56	c	1	c	30.35	+24	54	50	0	W	2	c	2	57	48	-		
York ...	30.30	60	NW	1	c	30.39	+25	57	53	-1	NNW	1	c	*	63	44	-		
Scarborough ...	30.28	56	N	3	bc	30.37	+29	60	55	+4	SW	1	b	1	62	52	-		
Nottingham ...	30.32	61	NW	2	b	30.43	+25	63	57	+2	SW	3	bc	*	66	48	-		
Ardrossan ...	30.32	62	N	2	c	30.34	+18	56	52	+1	SW	3	c	3	67	48	-		
Greencastle ...	30.32	57	NW	2	c	30.32	+12	53	51	-2	W	3	c	*	61	44	-		
Donaghadee ...	30.34	57	NNE	1	bc	30.36	+15	59	57	+2	SW	2	c	1	65	49	-		
Kingstown ...																			
Holyhead ...	30.37	60	WNW	2	c	30.40	+16	57	54	+2	SW	3	b	2	62	52	-		
Liverpool (Bidston)	30.35	59	WNW	2	b	30.41	+21	60	52	+4	WSW	1	b	1	61	51	-		
Valencia ...	30.39	65	S	2	b	30.40	+04	59	57	+3	SE	3	b	3	65	55	-		
Roche's Point...	30.39	66	SW	2	b	30.43	+09	59	56	+3	S	1	b	1	70	51	-		
Pembroke ...	30.39	57	S	1	b	30.44	+14	58	54	+3	Z	0	b	0	60	49	-		
Portishead ...	30.35	63	NW	3	c	30.43	+17	60	59	+3	N	2	bm	1	67	50	-		
Scilly ...	30.41	59	NNW	2	c	30.45	+10	58	54	+3	ESE	2	bc	2	61	57	0.01		
Plymouth ...	30.38	61	NW	2	b	30.44	+14	58	55	-2	Z	0	bm	*	67	46	-		
Hurst Castle ...	30.32	65	NE	2	c	30.43	+18	60	55	-2	ENE	2	b	2	67	53	-		
Dover ...	30.30	63	NW	3	c	30.43	+24	59	55	0	NNW	1	c	1	66	55	-		
London ...	30.39	64	WNW	2	c	30.43	+22	59	54	0	Z	0	bm	*	70	44	-		
Oxford ...	*	*	*	*	*	30.42	+20	57	52	-2	Z	0	b	*	60	44	-		
Cambridge ...	30.26	60	WNW	2	c	30.43	+26	59	54	+1	NW	1	m	*	67	44	-		
Yarmouth ...	30.30	61	NNW	2	bc	30.41	+28	60	55	+2	SE	1	b	1	64	55	-		
The Helder ...	*	*	*	*	*	30.36	+31	58	52	-2	NW	3	c	*	*	*	-		
Cape Gris Nez	30.32	63	WNW	1	c	30.43	+21	61	59	+4	Z	0	c	0	66	54	-		
Brest ...	?	70	NNW	3	bc	?	?	59	54	0	ENE	2	bc	3	71	48	-		
L'Orient ...	?	63	N	1	c	?	?	57	54	0	ENE	3	b	2	68	50	-		
Rochefort ...	30.27	72	NW	5	bc	30.34	+04	64	59	+1	NE	4	b	3	72	55	-		
Biarritz ...	30.32	72	NNW	3	bc	30.30	00	64	61	+3	NNE	1	bc	4	?	59	-		
Corunna ...	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.41	+30	64	*	+5	N	3	bc	*	*	*	*		
Charleville ...	*	*	*	*	*	30.32	+19	58	*	+6	NE	3	c	*	*	*	*		
Paris ...	30.26	67	N	3	bc	30.41	+15	75	*	+16	ENE	3	b	*	*	*	?		
Lyons ...	*	*	*	*	*	?	?	65	*	-4	N	2	b	*	*	*	*		
Toulon ...	30.03	77	NW	5	b	29.99	-07	63	54	-10	NW	4	b	5	82	?	-		

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.00	53	48	NW	6	5	4	Valencia .....	30.38	62	54	SW	2	bc	2
Thurso .....	30.17	57	50	NW	5	4	5	Scilly .....	30.39	61	57	NW	2	c	4
Scarborough ...	30.25	56	52	N	3	c	1	London .....	30.29	62	55	WNW	2	5	5
Greencastle ...	30.30	58	53	NW	2	5	*	Rochefort ...	30.30	64	59	NW	5	bc	3
Holyhead .....	30.33	61	58	WNW	3	5	2								

The barometer continues to rise at all but the extreme W<sup>st</sup> stations. A large anticyclone is apparently advancing over us slowly and its W<sup>st</sup> border is beginning to show itself at Valencia where the mercury has ceased rising and a light SW breeze has set in.

## EXPLANATION OF COLUMNS.

**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.

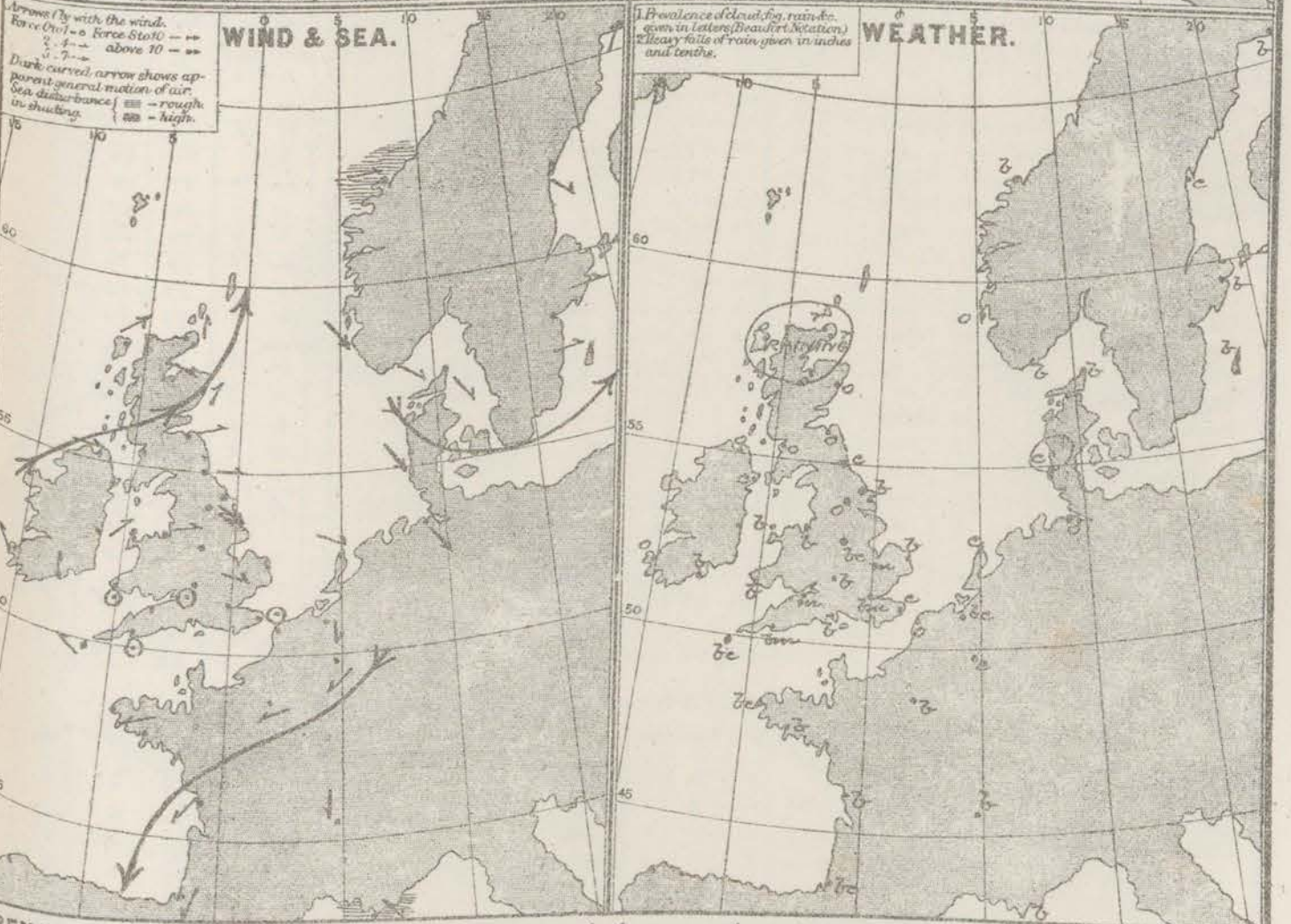
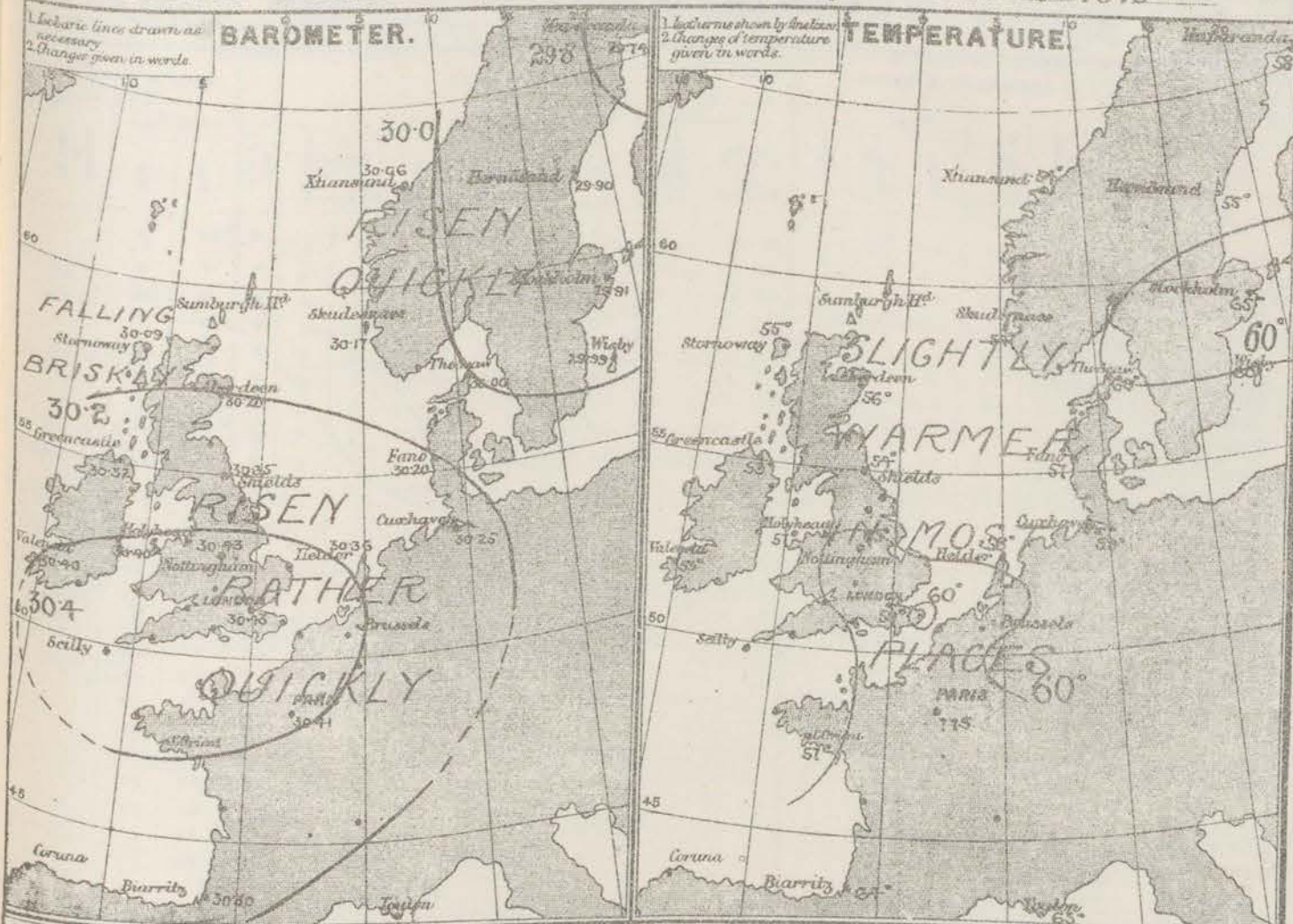
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† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m on Wednesday JULY 12<sup>th</sup> 1876



**REMARKS.** During the past 24 hours a further rise of the barometer has taken place over the British Isles, and North Sea, and a well defined anticyclone has been formed over England, the S. of Ireland and N. of France. In consequence of this we have light SE<sup>3</sup> to S<sup>2</sup> winds prevailing along our W<sup>2</sup> coasts, light SW winds in the NW. NW winds on the E<sup>2</sup> shores of the North Sea, and NE<sup>2</sup> in France, while over central England calms and variable air are reported. Temperature was very low over the inland parts of England during the night. In London it felt to 44° in the shade, and even degrees lower in the grass. The weather is now very fine except in the W. of Ireland, and in Scotland, where it is overcast, and rain is falling in Continues. The sea is slight or smooth except at Stornoway, and on the E<sup>2</sup> shores of the North Sea.



# DAILY WEATHER REPORT *July 13<sup>th</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.79	57	SW	2	b	29.69	-05	61	56	+3	S	2	b	*	*	*	-		
Hernösand ...	29.87	54	Z	0	bc	29.46	-145	58	52	-2	S	4	h	*	*	*	0.28		
Stockholm ...	29.92	57	SSW	1	b	29.60	-31	54	52	-11	SSW	6	h	*	*	*	0.04		
Wisby ...	29.99	63	WNW	4	bc	29.75	-24	57	55	-3	SW	8	h	*	*	*	-		
Christiansund ...	29.60	50	NE	1	h	29.65	-11	58	50	-1	NW	8	o	53	48	-	-		
Skudesnaes ...	29.90	53	S	8	h	29.99	-18	53	49	-1	NW	8	o	54	?	0.43	-		
Oxö (Xtiansand) ...	30.06	50	SW	6	h	29.83	-21	57	51	-1	WSW	6	c	3	61	50	-		
Skagen (The Seaw) ...	30.02	56	NNW	6	o	29.74	-26	59	54	-1	NNW	9	c	9	62	52	0.08		
Fanö ...	30.23	59	N	6	c	30.08	-12	61	59	+4	NNW	6	o	*	61	55	0.04		
Cuxhaven ...	30.32	*	*	*	*	30.19	-26	62	60	+3	WNW	6	o	*	?	?	-		
Samburgh Head ...																			
Stornoway ...	30.09	61	WSW	6	o	30.24	+15	61	60	+6	WSW	2	of	4	65	53	0.07		
Thurso ...	29.96	66	W	6	bc	30.20	+08	57	56	+6	W	5	o	4	78	50	0.04		
Wick ...	29.96	68	W	7	bc	30.21	+07	55	54	+4	NW	3	o	2	73	50	0.03		
Nairn ...	30.00	66	W	4	o	30.27	+07	64	60	+12	W	2	bc	2	70	52	-		
Aberdeen ...	30.06	74	W	3	b	30.23	+03	70	62	+14	NW	2	c	2	78	60	-		
Leith ...	30.24	61	W	5	o	30.31	+01	66	62	+12	W	5	bc	*	68	54	-		
Shields ...	30.27	65	WSW	5	b	30.32	-03	69	63	+15	WNW	3	b	2	69	53	-		
York ...	30.33	65	W	4	b	30.35	-04	67	61	+10	WNW	2	b	*	69	54	-		
Scarborough ...	30.29	66	SSW	2	b	30.33	-04	74	66	+14	NW	1	b	1	74	56	-		
Nottingham ...	30.37	68	W	3	b	30.40	-03	68	62	+5	W	3	b	*	75	57	-		
Ardrossan ...	30.33	59	SW	3	o	30.37	+03	61	59	+5	SW	2	c	2	61	55	-		
Greencastle ...	30.32	64	W	3	o	30.35	+03	60	60	+7	S	1	om	*	68	51	-		
Donaghadee ...	30.35	67	WSW	3	c	30.40	+04	63	61	+4	SE	2	o	1	70	57	-		
Kingstown ...																			
Holyhead ...	30.40	60	SSW	4	o	30.40	00	60	58	+3	SSW	4	o	3	64	55	-		
Liverpool (Bidston) ...	30.39	63	W	4	o	30.42	+01	63	58	+3	SSSE	1	o	1	64	59	-		
Valencia ...	30.42	62	S	4	o	30.41	+01	60	56	+1	SSSE	2	o	2	67	57	-		
Roche's Point ...	30.45	61	SW	2	bc	30.43	00	62	58	+3	SW	2	b	2	64	56	-		
Pembroke ...	30.44	61	WNW	1	b	30.43	-01	62	59	+4	Z	0	b	0	64	53	-		
Portishead ...	30.40	66	WSW	3	b	30.42	-01	62	58	+2	WSW	1	b	h	70	54	-		
Scilly ...	30.46	60	N.	2	b	30.42	-03	60	59	+2	?	?	?	1	64	56	-		
Plymouth ...	30.43	62	SSW	1	b	30.43	-01	61	57	+3	S	1	bun	*	67	49	-		
Hurst Castle ...	30.40	65	WSW	3	b	30.41	-02	64	59	+4	Z	0	b	0	66	52	-		
Dover ...	30.40	62	WSW	3	b	30.39	-04	70	61	+11	NNE	2	b	1	70	56	-		
London ...	30.39	71	WSW	1	bc	30.40	-03	67	59	+8	NW	1	bc	*	73	52	-		
Oxford ...	*	*	*	*	*	30.39	-03	63	57	+6	Z	0	b	*	72	52	-		
Cambridge ...	30.37	70	NW	1	c	30.40	-03	66	60	+7	WSW	1	bc	*	72	50	-		
Yarmouth ...	30.37	65	ESE	1	b	30.37	-04	65	60	+5	NW	2	bun	1	66	55	-		
The Helder ...	*	*	*	*	*	30.30	-06	63	60	+5	W	3	c	*	*	*	-		
Cape Gris Nez ...	30.41	63	W	1	b	30.42	-01	63	59	+2	SW	1	b	0	70	57	-		
Brest ...	?	70	NNE	3	b	?	?	63	55	+4	ESE	3	b	2	?	52	-		
L'Orient ...	?	63	NW	2	b	?	?	61	55	+4	E	3	b	2	73	54	-		
Rochefort ...	30.28	75	ENE	3	b	30.32	-02	66	59	+2	E	3	b	3	82	54	-		
Biarritz ...	30.23	73	NNW	4	b	30.23	-07	63	59	-1	ENE	3	b	3	77	55	-		
Corunna ...	*	*	*	*	*									*	*	*	*		
Brussels ...	*	*	*	*	*	30.38	-03	60	*	-4	SW	3	o	*	*	*	*		
Charleville ...	*	*	*	*	*	30.32	00	55	*	-3	NNW	3	c	*	*	*	*		
Paris ...	30.39	67	NE	3	b	30.42	+01	61	*	-14	NNW	2	b	*	*	*	?		
Lyons ...	*	*	*	*	*	?	?	64	*	-1	N	6	b	*	*	*	*		
Toulon ...	30.06	72	E	3	bc	30.09	+10	70	64	+7	SW	1	c	3	82	61	-		

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.06	53	50	S	4	2	4	Valencia .....	30.42	67	61	SSE	4	c	3
Thurso .....	29.96	71	64	WSW	6	bcg	4	Scilly .....	30.47	62	56	Z	0	b	1
Scarborough ...	30.32	66	58	WSW	2	bc	2	London .....	30.42	66	57	WSW	1	bc	*
Greencastle ...	30.30	62	59	WSW	3	o	*	Rochefort ...	30.32	80	66	ENE	3	b	3
Holyhead .....	30.42	63	57	SSW	4	c	3								

The fall of the barometer noticed this morning continues briskly in Caithness and slowly in the W. and the decrease has now extended to our E coast also. At Thurso temperature has increased considerably with a strong W & breeze.

## EXPLANATION OF COLUMNS.

**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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† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

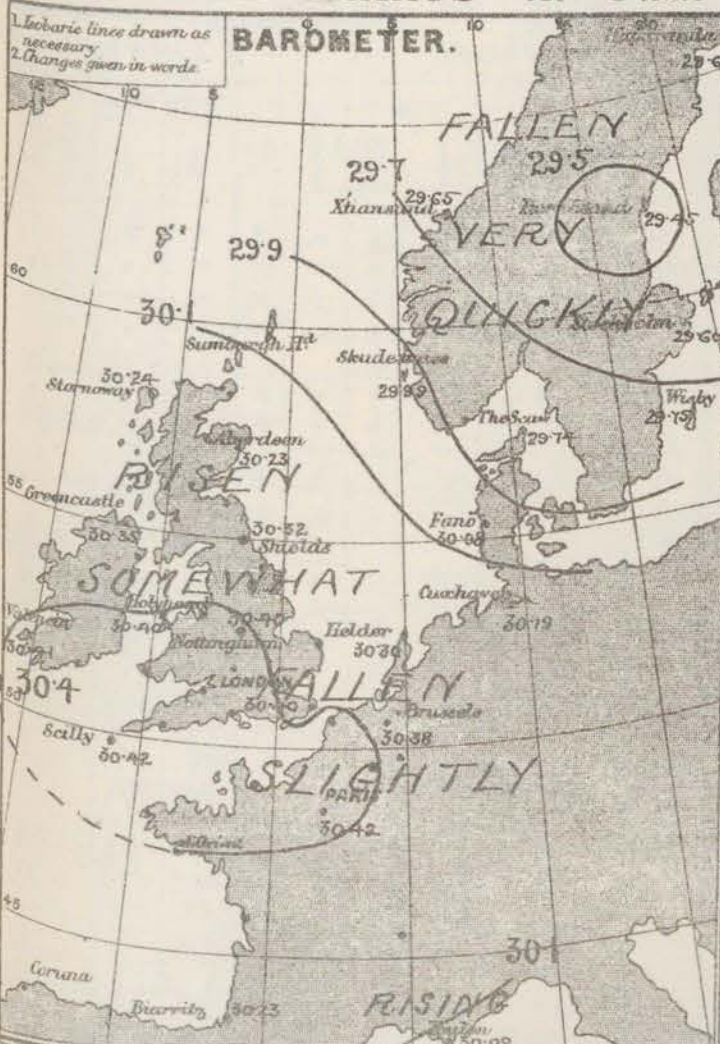
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m on Thursday JULY 13<sup>TH</sup> 1876

1. Isobars lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



1. Isotherms shown by lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



Arrows fly with the wind.  
Force 1-4 - Force 5-10 -  
2 - 4 - above 10 -  
3 - 7 -  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance - rough in shading - high.

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Beaufort notation).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** The area of high pressure which lay over the area S<sup>W</sup> of our stations yesterday morning has undergone very little change, while the depression which was advancing towards the Skelids has already reached Scandinavia, where the pressure has fallen fast. As the disturbance passed along near the Scotch coast the wind freshened from W at the N<sup>W</sup> stations last evening, and in its rear fell to strong gales from NW have set in along the coast of Norway, and in the Shagen Racks, while a SW gale is felt at Wisky. In our Islands and France the wind is very light, and continues E at the S<sup>W</sup> stations S<sup>W</sup> (but variable) in the W, and W in the N. Temperature has risen very rapidly in the N and E. of our Islands, and to a less extent in our other coasts. Some rain has fallen at the extreme N<sup>W</sup> stations, and thunder occurred at Hemsund. The sky is clear in the S, but cloudy in the N. The sea is smooth in all but the Norwegian coasts.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

Dangerfield, lith. 22, Bedford St. Covent G. 1



# DAILY WEATHER REPORT *July 14<sup>th</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
Haparanda ...	29.66	58	N	2	b	29.51	+12	59	53	-2	N	6	b	*	*	*	-	
Hernösand ...	29.60	50	N	4	a	29.89	+44	58	51	+5	NNW	6	b	*	*	*	0.83	
Stockholm ...	29.65	60	NW	8	c	30.03	+43	60	50	+6	NW	6	b	*	*	*	0.08	
Wisby ...	29.76	63	N	8	b	30.17	+42	57	55	0	NNW	9	b	*	*	*	-	
Christiansund ...	30.21	53	NW	6	c	30.28	+29	54	52	+1	S	2	af	3	55	52	-	
Skudesnaes ...	30.08	59	NW	6	c	30.24	+41	57	50	0	N	4	c	3	68	52	-	
Oxö (Xtiansand) ...	29.96	59	NW	6	bc	30.19	+45	60	53	+1	N	3	b	3	88	55	-	
Skagen (The Sæw) ...	30.24	56	NW	6	bc	30.32	+24	62	58	+1	NW	6	b	*	64	54	-	
Fanö ...	30.28	*	*	*	*	30.35	+16	63	60	+1	N	5	b	*	66	?	-	
Cuxhaven ...	30.25	61	SSW	3	a	30.25	+01	61	59	0	SW	4	a	4	69	55	0.02	
Sumburgh Head ...	30.25	66	NNW	2	c	30.22	+02	64	60	+7	WSW	1	c	2	71	56	0.01	
Stornoway ...	30.26	68	NW	2	bc	30.23	+02	65	61	+10	N	2	bc	1	72	56	-	
Thurso ...	30.28	70	N	1	c	30.28	+01	65	59	+1	N	3	bc	2	78	60	-	
Wick ...	30.28	65	SE	1	b	30.27	+04	69	61	-1	Z	0	b	1	74	57	-	
Nairn ...	30.33	71	N	4	b	30.35	+04	66	61	0	N	3	b	*	78	57	-	
Aberdeen ...	30.24	74	NNW	3	b	30.37	+05	67	63	-2	N	1	b	0	76	57	-	
Leith ...	30.38	78	N	1	b	30.39	+04	67	63	0	N	1	b	*	82	56	-	
Shields ...	30.35	66	N	1	b	30.39	+06	72	60	-2	N	1	b	1	75	60	-	
York ...	30.37	78	NW	2	b	30.41	+01	75	68	+7	S	1	b	*	87	58	-	
Scarborough ...	30.38	64	SSW	2	c	30.39	+02	60	58	-1	SW	2	b	2	66	58	-	
Nottingham ...	30.34	65	E	2	bc	30.39	+04	57	56	-3	SSW	2	c	*	68	58	-	
Ardrossan ...	30.37	63	SSW	1	bc	30.40	00	58	56	-5	NNE	2	bc	1	64	54	-	
Greencastle ...	30.40	67	SSW	2	b	30.40	00	61	58	+1	SSW	2	b	1	71	56	-	
Donaghadee ...	30.41	67	NNW	1	b	30.42	00	66	62	+3	N	1	b	1	70	58	-	
Kingstown ...	30.39	69	SSW	2	b	30.40	-01	60	55	0	NE	1	b	1	69	49	-	
Holyhead ...	30.42	72	SW	2	b	30.42	-01	54	52	-8	N	1	b	2	76	50	-	
Liverpool (Malton) ...	30.41	63	NNW	1	b	30.42	-01	64	60	+2	Z	0	b	0	67	57	-	
Valencia ...	30.37	72	WSW	2	b	30.41	-01	66	61	+4	NE	1	b	1	76	65	-	
Roche's Point ...	30.41	63	E	4	b	30.37	-05	65	61	+5	E	4	b	1	66	57	-	
Pembroke ...	30.41	65	S	2	b	30.40	-03	69	63	+8	E	1	b	*	70	54	-	
Portishead ...	30.36	69	WSW	1	b	30.41	00	66	64	+2	ENE	1	b	0	69	56	-	
Seilly ...	30.38	64	WSW	1	b	30.42	+02	65	62	-5	ENE	1	c	0	72	58	-	
Plymouth ...	30.35	79	Z	0	b	30.42	+02	73	66	+6	Z	0	b	*	85	57	-	
Hurst Castle ...	*	*	*	*	*	30.40	+01	69	65	+6	Z	0	b	*	82	57	-	
Dover ...	30.36	85	N	1	b	30.41	+01	70	64	+4	S	1	b	*	87	55	-	
London ...	30.39	67	Z	0	b	30.44	+07	64	61	-1	S	2	b	1	71	59	-	
Oxford ...	*	*	*	*	*	30.42	+12	64	61	+1	NW	1	b	*	*	*	-	
Cambridge ...	30.33	68	Z	0	b	30.44	+02	70	64	+7	ESE	1	b	0	73	59	-	
Yarmouth ...	?	72	NE	4	b	?	?	68	61	+5	ESE	3	b	2	75	57	-	
The Helder ...	?	66	NW	1	b	?	?	66	61	+5	E	3	b	2	77	59	-	
Cape Gris Nez ...	30.24	75	ENE	4	b	30.24	-08	70	63	+4	ENE	4	b	3	86	54	-	
Brest ...	30.17	72	SW	1	b	30.17	-06	64	61	+1	ENE	1	b	2	73	57	-	
L'Orient ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Rochefort ...	*	*	*	*	*	30.45	+12	66	*	+6	NE	3	bc	*	*	*	*	
Biarritz ...	*	*	*	*	*	?	?	68	*	+18	NW	3	b	*	*	*	*	
Corunna ...	30.34	76	NE	3	b	30.32	-04	67	*	+6	NE	3	b	*	*	*	?	
Brussels ...	*	*	*	*	*	?	?	68	*	+6	NNE	2	b	*	*	*	*	
Charleville ...	*	*	*	*	*	?	?	68	*	+6	E	1	b	3	81	70	0.08	
Paris ...	30.42	70	N	1	bc	30.45	+06	73	61	+3	E	1	b	3	81	70	0.08	
Lyons ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Toulon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.17	58	49	NNW	6	c	5	Valencia .....	30.40	66	60	B	2	6	2
Thurso .....	30.24	67	62	NNW	4	c	3	Scilly .....	30.41	66	61	E	4	6	1
Scarborough ...	30.35	68	64	SSW	1	b	1	London .....	30.37	76	67	NNW	1	6	*
Greencastle ...	30.35	65	62	WSW	2	c	*	Rochefort ...	30.26	84	70	E	4	6	3
Holyhead .....	30.42	68	63	SSW	3	b	2								

*No important changes.*

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

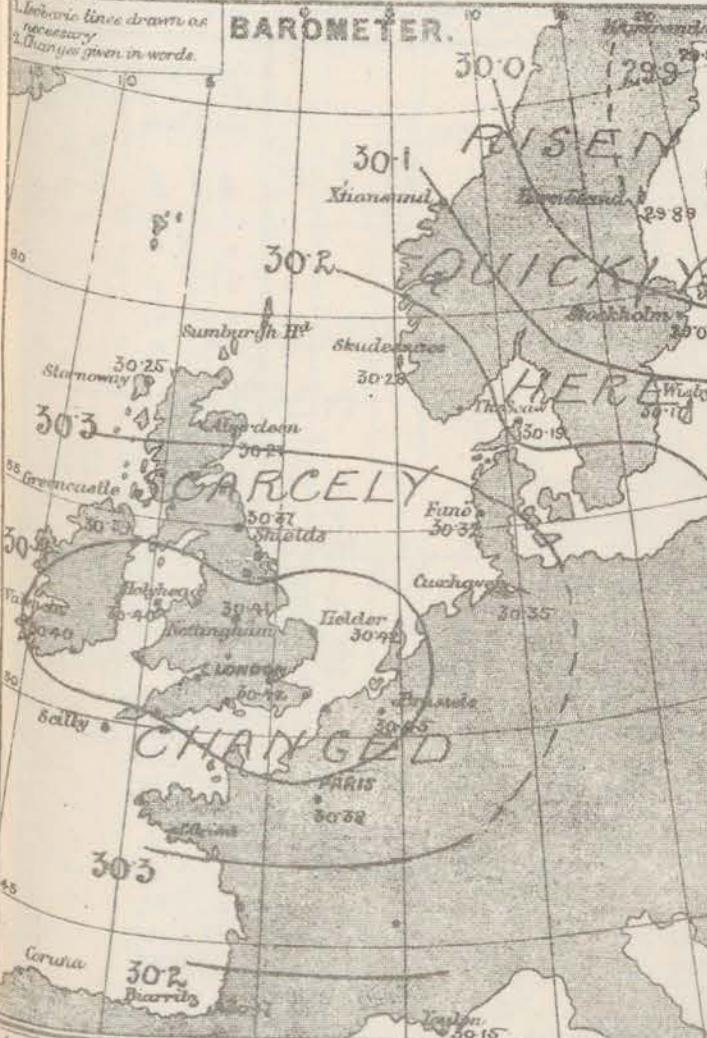
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Friday JULY 14<sup>TH</sup> 1876

1. Isobars drawn as necessary.  
2. Changes given in words.

## BAROMETER.



1. Isotherms shown by lines.  
2. Changes of temperature given in words.

## TEMPERATURE



Arrows fly with the wind.  
Force 0-10 - - -  
4 - - - above 10 - - -  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance - - - rough in churning. - - - high.

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (see code below).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS** The distribution of pressure over the British Isles and France has undergone scarcely any change during the past 24 hours, so that we have still an anticyclone lying over Ireland, England and the Netherlands, but as the barometer has risen considerably in Norway, readings have become very uniform over the whole of W. Europe. The gales in Norway have died down, but at Wisby a "breeze" from NNW (force 9) is reported this morning. Light W. breezes prevail at all our N. stations, N. winds in Denmark, and E. breezes in France and the Channel, while over England and Ireland calms and variable airs are reported. The maximum temperatures recorded in the shade were at Nottingham, and Cambridge, and 55° in London. To-day seems to promise still higher readings, as the S. and S.W. temperatures of this morning are several degrees higher than those at Paris yesterday, and the sky is very clear. A little rain fell in Carlisle, and in some parts of Sweden yesterday, but the weather is now exceedingly fine and calm in nearly all places.

Prescriptions for these charts payable in advance to a vendor. Delivery by hand if per quarter, by post if per quarter.  
**Meteorological Office,**  
 116, Victoria Street, Westminster, S.W.  
**R. H. SCOTT,**  
 Director.  
 Dated July 14th 1876.



# DAILY WEATHER REPORT *July 15<sup>th</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...														*	*	*		
Hernösand ...														*	*	*		
Stockholm ...														*	*	*		
Wisby ...														*	*	*		
Christiansund ...														*	*	*		
Skudesnaes ...														*	*	*		
Oxö (Xtiensand)														*	*	*		
Skagen (The Scaw)	30.13	58	WNW	5	5	30.14	-.05	68	59	+3	NW	4	6	3	66	55	-	
Fanö ...	30.34	61	W	4	6	30.33	+.01	68	61	+3	WNW	6	6	*	66	57	-	
Cuxhaven ...	30.40	*	*	*	*	30.28	-.07	65	62	+2	N	4	5	*	65	?	-	
Sumburgh Head														*	*	*		
Stornoway	30.34	61	W	1	5	30.39	+.14	60	58	-1	WSW	1	5	2	66	56	-	
Thurso ...	30.03	59	WNW	1	f	30.40	+.18	57	56	-7	Z	0	nf	1	72	55	0.04	
Wick ...	30.27	60	NW	2	5	30.35	+.12	58	56	-7	E	1	m	0	71	54	-	
Nairn ...	30.36	66	W	1	6c	30.41	+.13	64	59	-1	WSW	1	6c	1	71	59	-	
Aberdeen ...	30.28	64	E	1	5	30.40	+.13	68	63	-1	Z	0	c	1	77	60	0.01	
Leith ...	30.37	70	NW	3	6	30.44	+.09	69	63	+3	NW	2	6	*	79	54	-	
Shields ...	30.37	78	WSW	3	6	30.45	+.08	63	58	-4	NW	2	6	0	79	53	-	
York ...	30.38	78	W	1	6	30.45	+.06	66	60	-1	NW	1	6	*	84	53	-	
Scarborough ...	30.37	66	SSE	1	6	30.44	+.05	69	62	-3	NW	1	6	1	73	61	-	
Nottingham ...	30.39	81	NW	3	6	30.46	+.05	71	64	-4	NNE	3	6	*	92	57	-	
Ardrossan ...	30.42	71	SSW	1	6	30.46	+.07	61	58	+1	SSW	1	6	1	71	57	-	
Greencastle ...	30.41	66	N	2	6	30.42	+.03	63	61	+6	SW	1	6	*	73	48	-	
Donaghadee ...	30.42	58	NNE	3	6	30.46	+.06	59	57	+1	NE	2	6	1	62	53	-	
Kingstown ...														*	*	*		
Holyhead ...	30.42	64	W	1	6	30.42	+.02	67	62	+6	SSW	1	6	0	72	57	-	
Liverpool (Bidston)	30.43	69	NW	1	6	30.44	+.02	65	64	-1	NW	1	6	1	75	60	-	
Valencia ...	30.37	74	S	1	6	30.36	-.04	67	61	+7	Z	0	6	1	75	56	-	
Roche's Point...	30.41	72	S	1	6	30.40	-.02	69	62	+15	E	3	6	3	78	53	-	
Pembroke ...	30.39	76	NNW	2	6	30.41	-.01	69	64	+5	ESE	2	6m	1	76	62	-	
Portishead ...	30.38	80	WSW	2	6	30.42	+.01	70	63	+4	Z	0	6	1	85	61	-	
Seilly ...	30.38	68	ENE	4	6	30.36	-.01	67	66	+2	E	4	6	2	70	60	-	
Plymouth ...	30.39	72	Z	0	6	30.40	.00	72	67	+3	E	3	6	*	78	60	-	
Hurst Castle ...	30.37	72	SSE	1	6	30.41	.00	67	65	+1	ENE	1	6	0	75	58	-	
Dover ...	30.42	62	ENE	3	6	30.42	-.01	73	66	+8	Z	0	6	0	73	62	-	
London ...	30.40	79	E	1	6	30.42	.00	74	67	+1	Z	0	6m	*	90	59	-	
Oxford ...	*	*	*	*	*	30.40	.00	70	67	+1	Z	0	m	*	87	60	-	
Cambridge ...	30.37	82	SSE	1	6	30.42	+.01	72	65	+2	NW	1	6	*	90	57	-	
Yarmouth ...	30.41	67	SSE	3	6	30.41	-.03	69	64	+5	WNW	1	6	0	70	60	-	
The Helder ...	*	*	*	*	*	30.41	-.01	67	63	+3	W	1	6	*	*	*	-	
Cape Gris Nez	30.40	66	ENE	2	6	30.43	-.01	66	64	-4	ENE	1	6	0	75	61	-	
Brest ...	?	79	NE	3	6	?	?	72	64	+4	E	3	6	3	88	64	-	
L'Orient ...	?	77	E	3	6	?	?	68	64	+2	E	3	6	2	86	61	-	
Rochefort ...	30.17	81	ENE	4	6	30.23	-.01	73	68	+3	ENE	4	6	3	91	59	-	
Biarritz ...	30.15	73	WSW	1	6	30.17	.00	68	64	+4	Z	0	6	2	75	63	-	
Corunna ...	*	*	*	*	*									*	*	*		
Brussels ...	*	*	*	*	*	30.41	-.04	71	*	+5	NE	1	?	*	*	*		
Charleville ...	*	*	*	*	*	30.29	?	70	*	+2	NE	3	6	*	*	*		
Paris ...	30.32	78	NE	4	6	30.37	-.01	69	*	+2	ENE	2	6	*	*	*		
Lyons ...	*	*	*	*	*	?	?	70	*	+2	*	2	6	*	*	*		
Toulon ...	30.17	75	NW	2	6	30.24	+.09	77	63	+4	ENE	1	6	3	82	72	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.25	56	56	S	2	af	2	Valencia .....	30.39	72	62	SSW	1	6	1
Thurso .....	30.27	67	61	NW	4	c	3	Seilly .....	30.39	69	65	E	3	6m	2
Scarborough ...	30.38	68	65	SSE	1	6	2	London .....	30.40	80	70	E	1	gm	*
Greencastle ...	30.41	68	62	ENE	2	6	*	Rochefort ...	30.18	90	78	ENE	4	6	3
Holyhead .....	30.44	63	61	SW	1	6	5								

*No important change.*

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



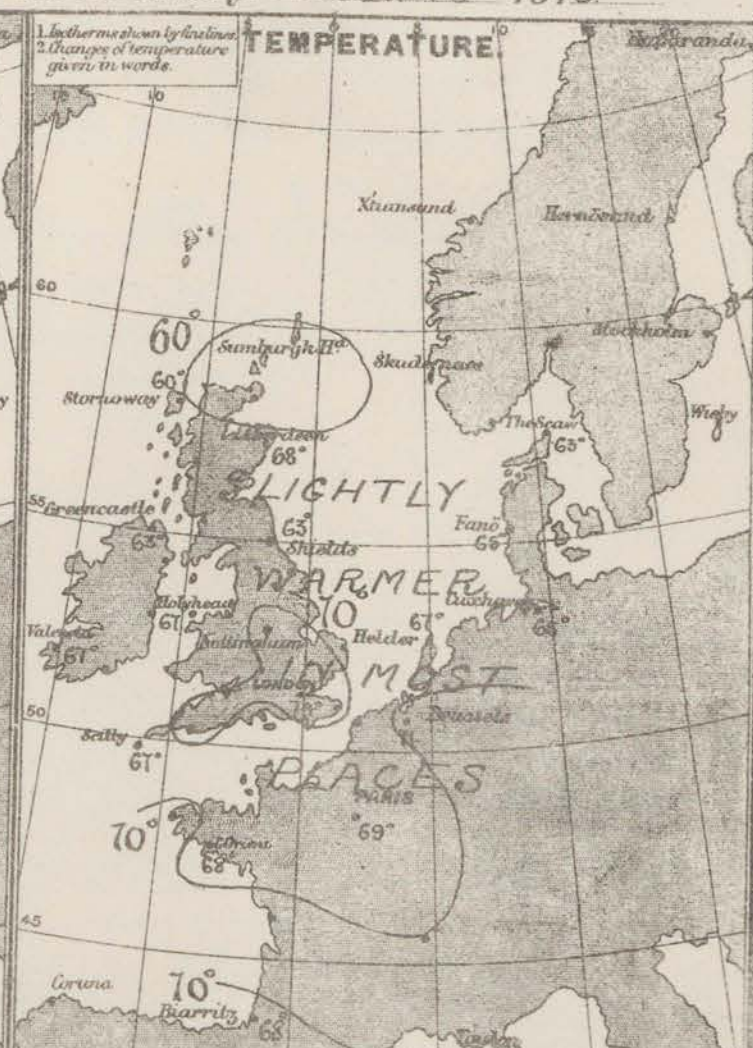
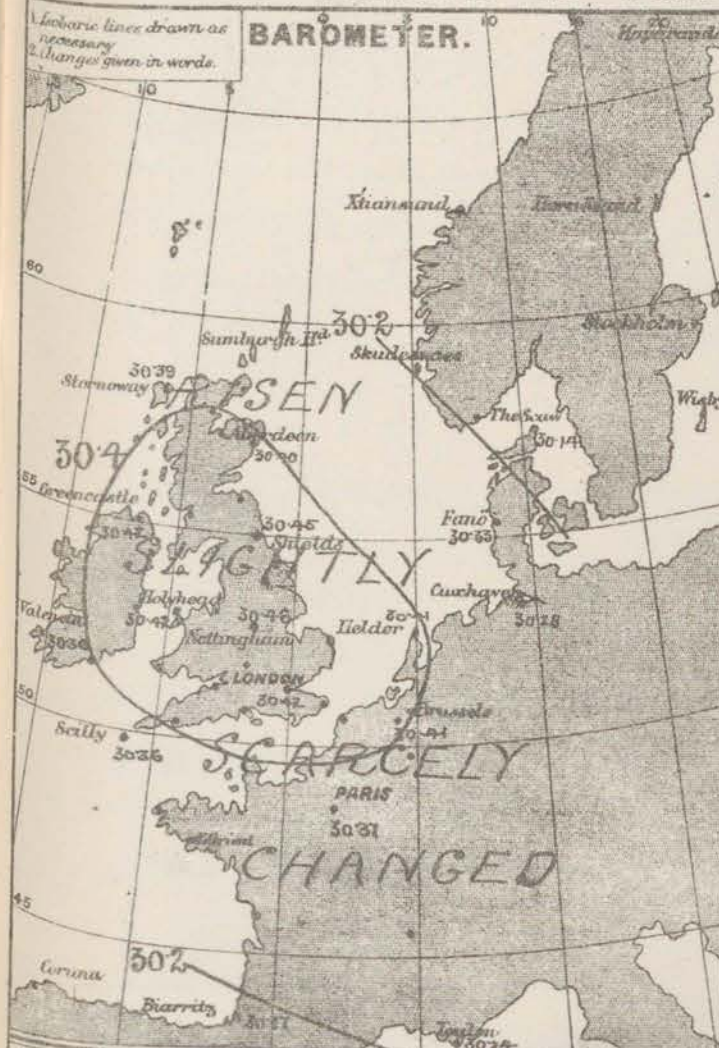
# WEATHER CHARTS for 8 a.m. on Saturday JULY 15<sup>th</sup> 1876.

1. Isobars lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.

1. Isotherms shown by lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



Arrows (to with the wind.  
Force 0 to 10 — — —  
2, 4, 6 — — — above 10 — — —  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance ( — — — rough in shading. — — — high.

## WIND & SEA.

1. Prevalence of cloud, fog, rain &c. given in letters (Beaufort notation).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** The barometer has risen slightly at all our N<sup>o</sup> stations, but in other places no appreciable change is reported. The area of high pressure (a anticyclone) now covers nearly the whole of our Islands and Belgium. Light E winds are consequently still reported at the French stations, and in the Channel, but light W to NW winds at our N and E. coasts. Elsewhere calms and variable airs are reported. Temperature rose to 91° at Nottingham, 91° at Rochfort, and 90° at Cambridge and in London yesterday. It is still very high over France, and central England, and is a great deal above the average elsewhere. The sky remains very free from clouds over our islands, but fog is heavy prevails at several stations. The sea is smooth.

Subscription for these Charts payable in advance to cover delivery by hand 70/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.

Director.

Printed and Published by the Director, Meteorological Office, 116, Victoria Street, Westminster, S.W.



# SUMMARY OF WEATHER IN WESTERN EUROPE

from July 9<sup>th</sup> to July 15<sup>th</sup> 1876.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

From the 9<sup>th</sup> to the 11<sup>th</sup> the highest readings lay over the SW<sup>n</sup> stations and the low pressures passed from N. to E. to the N<sup>w</sup> of our Islands, bringing with them fresh S.W. to W. and N.W. winds, rain and the same unsettled weather which was experienced during the previous week. On the 12<sup>th</sup> however, a large anticyclone was formed over England, Ireland and the N. of France while at the same time a rapid rise of the mercury took place over Norway, readings thus became very uniform, the winds very light and the weather very hot, especially over Central England and the N. of France, conditions which prevailed with little alteration till the close of the week. No rain of any consequence fell at any of our stations between the 11<sup>th</sup> and 16<sup>th</sup>.

**JULY 9<sup>th</sup>** The large depression which lay over Scotland at the close of last week, had disappeared, but the recovery which had succeeded it had not continued long, before a fresh decrease commenced in Scotland and at dawn the mercury was falling at all our N<sup>w</sup> and N.N.W. stations. In the S. the barometer still rose, and the highest pressures lay over the Bay of Biscay, so that N.W. to N.N.W. breezes prevailed in the S. but at most of our more N<sup>w</sup> stations the wind had returned to S. or S.W. Temperature had decreased slightly generally and the sky was cloudy in most places, with rain in Scotland. By evening the disturbance, which had caused the above fall, had passed to the E. of the British Isles and the barometer was recovering again in the N.

**JULY 10<sup>th</sup>** The disturbance, noticed on the previous evening, lay near the Norwegian coast and the recovery of pressure appeared to be extending from the N. of our Islands to our E<sup>n</sup> stations also. The area of highest pressure still lay over the Bay of Biscay, so that N.W. breezes continued in the S.W. and over France, while at our more N<sup>w</sup> stations the wind had veered, and W. breezes were reported. On most coasts the wind blew freshly and in some places strongly and temperature had fallen generally. The sky was rather cloudy but the weather was dry except in the N.W. During the day the barometer rose generally, but the change being uniform the distribution of pressure was not much changed.

**JULY 11<sup>th</sup>** The recovery of pressure, noticed on the previous day, had extended to all parts of W<sup>n</sup> Europe. The increase had been much greater at our N<sup>w</sup> stations than in the S.W. so that the gradients over the British Isles had been much reduced, but owing to the centre of a rather deep depression being found near L'Isle-aux-Grues gradients over Norway continued steep. Fresh breezes were consequently reported from the more N.E. stations but in the United Kingdom and, especially in the S.W., they were more moderate. They were N.W. in direction over nearly the whole of our area but drew into W.S.W. and S.W. in the Netherlands and Denmark. Temperature had again fallen on our E. coast and in France but was unchanged elsewhere, and the sky was rather more cloudy than on the previous day. The barometer continued to change in the manner noticed above during the day so that gradients became still further reduced.



JULY 12<sup>TH</sup> A further increase of pressure had taken place everywhere and an anticyclone had been formed over the S. of Ireland, England and the N. of France while in nearly all places gradients were slight. The winds were consequently gentle in most places; over England it was variable in direction, over the North Sea NW<sup>ly</sup>, owing to the influence of the depression which was disappearing over the Baltic, and in the S. NE<sup>ly</sup>. Temperature had risen slightly generally and the weather was very fine except in the N. of Ireland and the N. of Scotland. During the day the barometer fell at all our E<sup>m</sup> and N<sup>m</sup> stations but was unchanged in the N.

JULY 13<sup>TH</sup> The depression, which had caused the fall of the barometer in the N. of Scotland on the previous day, had already passed on to Norway so that while a brisk decrease of pressure was in progress at the Scandinavian stations on our N<sup>m</sup> coasts a recovery was reported. The anticyclone still lay over England and the Channel and very light airs prevailed on our coasts, - from E. in the S., from S. in the N., and from N. in the N. but in Norway and Sweden fresh to strong NW<sup>ly</sup> to SW<sup>ly</sup> gales were reported. Temperature had risen rapidly in the N. and E. and was uniformly about 60° over the whole of W<sup>m</sup> Europe. The sky continued clear in the S. and rather cloudy in the N. and N. During the day scarcely any change occurred except in Norway where the mercury was rising as the disturbance moved off.

JULY 14<sup>TH</sup> The distribution of pressure had undergone scarcely any change, - over these Islands and France an anticyclone still lay and owing to the brisk rise which had taken place over Norway readings were very uniform over the whole of our area. The gales had consequently died down on the E<sup>m</sup> shores of the North Sea and light NW<sup>ly</sup> breezes prevailed at our N<sup>m</sup> stations, NW<sup>ly</sup> winds in Denmark and NE<sup>ly</sup> to E<sup>ly</sup> breezes in France and the Channel, while elsewhere calms were reported. Temperature had risen generally and during the day reached 92° at Nottingham, 91° at Rochfort and 90° at Cambridge and in London. The sky was very clear and the sea very smooth. Later Reports showed very little change.

JULY 15<sup>TH</sup> The barometer had risen slightly generally. The anticyclone covered nearly the whole of the United Kingdom and light NW<sup>ly</sup> breezes in the N. and light E<sup>ly</sup> breezes in the S. were reported. The weather was very fine and temperature high, the thermometer during the day rising to above 90° at most of our inland stations. Later Reports showed a slight but general fall of the mercury. -



# DAILY WEATHER REPORT *July 16<sup>th</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer.  Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.82	61	E	2	6	29.73		60	56		N	4	c	*	*	*	-		
Hernösand ...	30.02	60	W	2	6	29.93		61	57		NW	6	6	*	*	*	-		
Stockholm ...	30.06	63	NW	2	6	30.04		63	53		WNW	4	60	*	*	*	-		
Wistby ...	30.09	62	NNW	x	c	30.09		61	56		N	6	6	*	*	*	-		
Christiansund ...	30.23	57	W	6	0	30.16	-01	52	50	+1	WSW	7	5	54	48	-			
Skudesnaes ...	30.33	54	NW	6	60	30.28	-03	54	50	-3	NNW	6	2	57	54	-			
Oxö (Tjaneand) ...	30.15	74	NW	4	6	30.17	-04	66	56	+3	WSW	4	6	73	59	-			
Skagen (The Scaw) ...	30.17	60	NW	3	6	30.12	-02	64	60	+1	Z	6	6	75	50	-			
Fanö ...	30.31	57	NW	6	c	30.27	-06	60	56	-5	NW	6	6	66	55	-			
Cuxhaven ...	30.25	*	*	*	*	30.31	+03	61	58	-4	NW	4	5	*	61	-			
Somburgh Head																			
Stornoway	30.34	66	SE	4	6	30.05	-34	67	65	+7	S	4	6	67	48	-			
Thurso ...	30.37	60	NNW	1	c	30.18	-22	73	65	+16	Z	0	6	73	45	0.01			
Wick ...	30.26	65	Z	0	60	30.18	-17	65	62	+7	SSE	2	60	67	44	-			
Nairn ...	30.30	68	WSW	1	6	30.22	-19	66	59	+2	Z	0	6	75	50	-			
Aberdeen ...	30.39	62	SSE	1	6	30.22	-18	71	63	+3	SSW	1	6	71	59	-			
Leith ...	30.37	65	N	2	6	30.26	-16	72	65	+3	E	1	60	83	63	-			
Shields ...	30.42	64	E	2	6	30.32	-13	70	69	+7	Z	0	6	70	55	-			
York ...	30.40	75	E	2	6	30.37	-08	65	61	-1	SE	1	6	85	53	-			
Scarborough ...	30.42	63	SW	1	6	30.32	-12	71	64	+2	S	1	6	73	58	-			
Nottingham ...	30.39	80	SE	3	6	30.37	-09	74	67	+3	SSE	3	6	92	57	-			
Ardrossan ...	30.40	70	ESE	2	6	30.29	-17	71	63	+10	SSE	1	6	73	59	-			
Greencastle ...	30.33	79	E	2	6	30.23	-19	75	67	+12	SE	1	6	81	57	-			
Donaghadee ...	30.39	69	S	1	6	30.30	-16	65	60	+6	SSE	2	6	70	55	-			
Kingstown ...																			
Holyhead ...	30.38	74	SSW	1	6	30.32	-10	70	66	+3	Z	0	6	78	62	-			
Liverpool (Bidston) ...	30.38	74	NNW	1	6	30.32	-12	74	65	+9	SE	2	6	83	64	-			
Valencia ...	30.30	78	SSE	3	6	30.28	-08	67	63	0	SSE	3	60	78	62	-			
Roche's Point ...	30.37	74	ESE	2	6	30.32	-08	70	63	+1	SE	2	6	83	60	-			
Pembroke ...	30.36	79	NW	1	6	30.34	-07	69	63	0	ESE	2	6	79	64	-			
Portishead ...	30.31	84	WSW	2	60	30.35	-07	74	70	+4	Z	0	6	86	63	-			
Scilly ...	30.36	69	E	5	60	30.32	-04	67	66	0	ESE	4	6	72	61	-			
Plymouth ...	30.36	78	Z	0	6	30.34	-06	74	65	+2	E	3	6	83	64	-			
Hurst Castle ...	30.35	71	NW	1	6	30.35	-06	67	65	0	NE	1	6	77	63	-			
Dover ...	30.37	74	ESE	1	6	30.38	-04	69	64	-4	NE	2	60	74	61	-			
London ...	30.37	84	Z	0	6	30.38	-04	73	65	-1	ESE	1	6	92	60	-			
Oxford ...	*	*	*	*	*	30.36	-04	70	65	0	Z	0	m	89	58	-			
Cambridge ...	30.38	84	NE	1	6	30.38	-04	71	65	-1	SSE	1	6	91	55	-			
Yarmouth ...	30.42	68	NNE	1	6	30.40	-01	62	60	-7	Z	0	f	71	56	-			
The Helder ...	*	*	*	*	*	30.37	-04	63	60	-4	NNE	1	c	*	*	-			
Cape Gris Nez	30.37	70	ENE	1	6	30.38	-05	63	63	-3	ENE	1	f	75	59	-			
Brest ...	?	82	NE	3	6	?	?	75	68	+3	ESE	2	6	88	66	-			
L'Orient ...	?	81	ENE	3	6	?	?	72	66	+4	ENE	3	6	88	66	-			
Rochefort ...	30.18	82	NE	3	6	30.19	-04	75	70	+2	E	3	6	93	61	-			
Biarritz ...	30.13	75	WSW	2	6	30.17	00	72	64	+4	SW	1	6	77	64	-			
Corunna ...	*	*	*	*	*									*	*	*			
Brussels ...	*	*	*	*	*	30.35	-06	70	*	-1	S	3	6	*	*	*			
Charleville ...	*	*	*	*	*	30.32	+03	69	*	-1	NNE	3	6	*	*	*			
Paris ...	30.30	83	NE	3	6	30.31	-06	70	*	+1	NNE	3	6	*	*	*			
Lyons ...	*	*	*	*	*	*	?	73	*	+3	N	2	6	*	*	*			
Toulon ...	30.19	81	W	2	6	30.16	-08	73	64	-4	NW	1	6	?	?	-			

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.36	55	51	NW	4	C	3	Valencia .....	30.31	78	68	SSW	3	6	3
Thurso .....	30.39	62	58	NNW	1	C	1	Scilly .....	30.37	72	69	E	4	6	3
Scarborough ...	30.44	65	60	N	1	6	1	London .....	30.38	83	70	SE	1	6	"
Greencastle ...	30.37	79	70	ENE	1	6	*	Rochefort ...	30.20	93	77	NE	4	6	3
Holyhead .....	30.41	70	63	WNW	1	6	0								

*Pressure is decreasing at all but the N.E. stations but scarcely any other change is reported*

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.







# DAILY WEATHER REPORT *July 17<sup>th</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.70	57	NE	4	c	29.68	-0.05	65	?	+5	N	4	c	*	*	*	0.20	
Hernösand ...	29.90	58	NW	4	c	29.79	-0.14	58	53	-3	NNW	2	c	*	*	*	-	
Stockholm ...	30.00	61	NNW	2	c	29.90	-0.14	64	57	+1	NNW	2	m	*	*	*	0.04	
Wisby ...	29.97	62	W	2	c	29.95	-0.14	63	58	+2	NNW	4	bc	*	*	*	-	
Christiansund ...	30.02	57	SW	3	c	29.79	-0.27	55	54	+3	WSW	5	n	5	57	50	-	
Skudesnaes ...	30.10	54	W	1	bc	29.96	-0.32	55	55	+1	Z	0	nf	2	59	54	-	
Oxö (Xtiansand) ...	30.01	73	W	4	c	29.92	-0.25	60	57	-6	SW	4	b	3	73	59	-	
Skagen (The Seaw) ...	30.00	60	NNW	3	c	29.89	-0.23	62	58	-2	NNW	5	b	5	70	55	-	
Fanö ...	30.25	57	NW	4	c	30.06	-0.21	68	64	+8	SW	4	b	*	68	57	-	
Cuxhaven ...	30.29	*	*	*	*	30.17	-0.14	?	?	?	W	2	b	*	?	60	-	
Sumburgh Head																		
Stornoway ...	30.15	62	NW	2	c	30.27	+0.22	54	52	-13	NNW	4	c	4	71	50	0.07	
Thurso ...	30.07	64	NNW	5	c	30.20	+0.02	52	51	-21	NNW	5	f	4	86	50	0.04	
Wick ...	29.95	68	NW	1	c	30.19	+0.01	56	54	-9	NW	4	c	3	81	59	0.32	
Nairn ...	30.09	77	W	1	c	30.26		57	53		W	3	c	2	86	55	-	
Aberdeen ...	30.06	78	SSW	2	bc	30.21	-0.01	58	52	-13	NNW	4	bc	2	86	56	-	
Leith ...	30.15	79	W	2	c	30.24	-0.02	65	?	-7	NW	3	bc	*	90	56	-	
Shields ...	30.15	85	NNW	1	c	30.25	-0.07	61	59	-9	NE	2	c	0	85	57	-	
York ...	30.25	83	NNW	1	c	30.20	-0.17	67	62	+2	N	2	c	*	88	62	-	
Scarborough ...	30.21	77	SSW	2	c	30.22	-0.10	64	60	-7	N	3	c	2	78	64	-	
Nottingham ...	30.27	81	NNW	3	c	30.25	-0.12	71	66	-3	WSW	4	c	*	94	58	-	
Ardrossan ...	30.20	68	NNW	4	bc	30.31	+0.02	58	54	-13	NW	4	bc	3	76	57	-	
Greencastle ...	30.22	62	NW	5	c	30.35	+0.12	53	51	-22	NNW	2	c	*	81	50	0.02	
Donaghadee ...	30.22	63	N	4	bc	30.24	+0.04	56	54	-9	N	5	bc	3	81	55	-	
Kingstown ...																		
Holyhead ...	30.34	73	SSW	3	c	30.33	+0.01	57	56	-13	N	4	m	3	79	57	-	
Liverpool (Bidston) ...	30.26	80	SSW	1	c	30.29	-0.03	59	57	-15	NNW	3	c	2	85	58	-	
Valencia ...	30.30	67	NNW	2	bc	30.44	+0.16	63	59	-4	NNE	3	c	2	72	57	-	
Roche's Point ...	30.28	71	SSW	3	c	30.32	00	64	59	-6	NNE	2	c	2	84	59	-	
Pembroke ...	30.29	75	W	1	c	30.28	-0.06	62	60	-7	NE	3	c	1	77	59	-	
Portishead ...	30.25	85	W	2	bc	30.25	-0.10	72	68	-2	WSW	3	m	1	86	64	-	
Seilly ...	30.30	69	SSW	2	c	30.28	-0.04	65	65	-2	NNE	2	c	1	72	60	-	
Plymouth ...	30.29	73	Z	0	c	30.27	-0.07	70	66	-4	Z	0	bc	*	84	57	-	
Hurst Castle ...	30.30	70	NNW	1	c	30.25	-0.10	67	64	0	Z	0	c	0	75	58	-	
Dover ...	30.31	62	NE	2	c	30.23	-0.15	71	63	+2	WSW	2	c	1	71	59	-	
London ...	30.29	87	SSW	1	c	30.28	-0.15	75	67	+2	SW	1	c	*	92	64	-	
Oxford ...	*	*	*	*	*	30.22	-0.14	?	?	?	Z	0	c	*	90	61	-	
Cambridge ...	30.27	84	SW	1	c	30.21	-0.17	74	67	+3	W	1	c	*	91	59	-	
Yarmouth ...	30.34	61	SSW	2	c	30.18	-0.22	71	64	+9	NNW	2	bc	0	71	59	-	
The Helder ...	*	*	*	*	*	30.17	-0.20	66	62	+3	SSW	3	bc	*	*	*	-	
Cape Gris Nez ...	30.30	63	ENE	1	m	30.25	-0.13	66	59	+3	SSW	1	c	0	68	59	-	
Brest ...	?	82	NE	3	c	?	?	70	66	-5	Z	0	c	1	91	57	-	
L'Orient ...	?	87	ENE	3	c	?	?	70	64	-2	E	3	c	1	93	63	-	
Rochefort ...	30.13	84	E	3	c	30.14	-0.05	75	68	0	NE	3	c	3	97	63	-	
Biarritz ...	30.14	72	WSW	2	f	30.12	-0.05	66	64	-6	WSW	2	c	2	75	64	-	
Corunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	30.24	-0.11	68	*	-2	WSW	1	c	*	*	*	*	
Charleville ...	*	*	*	*	*	30.15	-0.17	69	*	0	NNE	3	c	*	*	*	*	
Paris ...	30.23	82	ENE	3	c	30.23	-0.08	71	*	+1	NNE	2	bc	*	*	*	?	
Lyons ...	*	*	*	*	*	?	?	73	*	0	N	2	c	*	*	*	*	
Toulon ...	30.11	81	NNW	3	c	30.11	-0.05	70	66	-3	SSW	3	m	3	88	?	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.20	59	53	WNW	4	6	2	Valencia .....							
Thurso .....								Seilly .....							
Scarborough ...								London .....					*		
Greencastle ...						*		Rochefort ...	30.17	97	79	E	3	6	3
Holyhead .....															

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

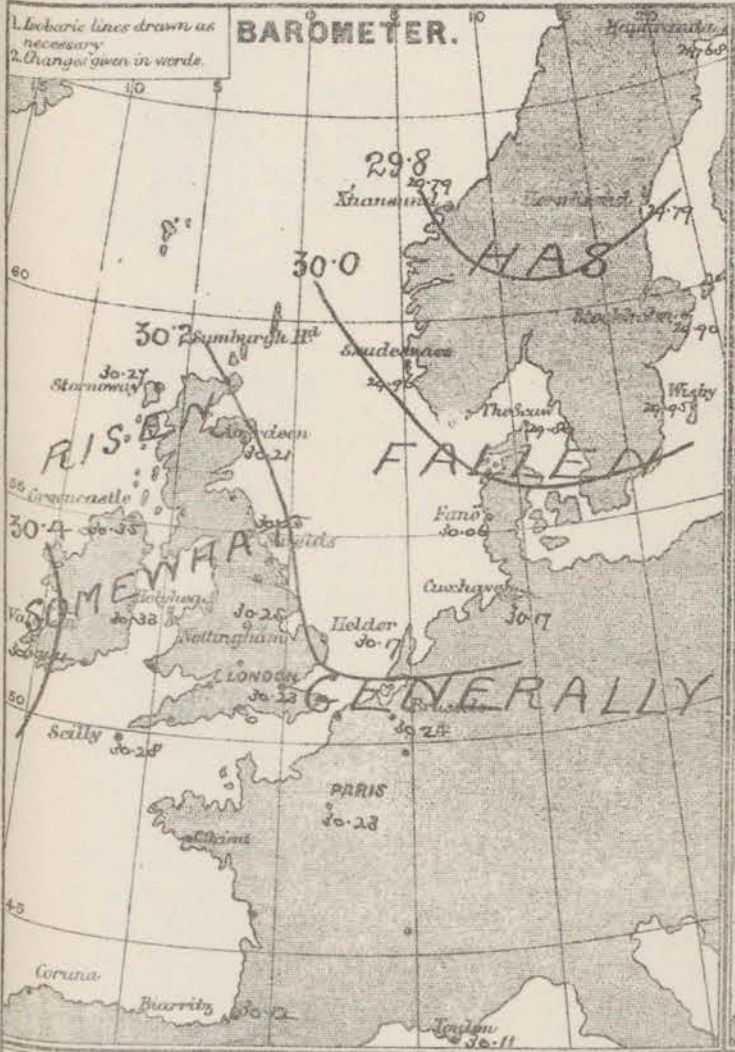
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Mon-day JULY 17<sup>th</sup> 1876

1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.





# DAILY WEATHER REPORT *July 18<sup>th</sup>* 1876.

STATION.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS.		
	Barom. at Sea Level.	Temp. in shade.	Wind.		Weather.	Barometer.		SHADE TEMP.			Wind.		Weather.	Sea. (0 to 5).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...															*	*	*	
Hernösand ...															*	*	*	
Stockholm ...															*	*	*	
Wisby ...															*	*	*	
Christiansund ...	29.82	51	SSW	5	2	29.77	-.02	49	47	-.6	WSW	7	2	5	?	46	-	
Skudesnaes ...	30.00	63	NNW	4	5	29.95	-.01	55	52	0	NNW	6	0	3	58	?	-	
Oxö (Xtiansand) ...	29.85	64	NW	4	6	29.84	-.05	60	52	0	NW	3	0	0	?	?	0.32	
Skagen (The Seav) ...	29.75	62	NNW	5	6	29.80	-.09	62	54	0	N	4	0	4	70	55	-	
Fanö ...	30.06	55	NW	6	0	30.04	-.02	57	53	-.11	NW	6	0	*	68	54	-	
Cuxhaven ...	30.09	*	*	*	*	30.10	-.07	60	55	?	NNW	5	0	*	?	60	-	
Samburgh Head																		
Stornoway ...	30.31	59	NNW	4	0	30.01	-.26	53	52	-.1	SW	6	nm	5	60	50	0.08	
Thurso ...	30.20	56	NNW	5	0	29.94	-.23	51	50	-.1	Z	0	2	1	60	51	0.31	
Wick ...	30.20	55	NW	5	0	30.03	-.16	52	52	-.4	SSW	3	2	2	61	49	0.21	
Nairn ...	30.26	63	W	4	0	30.13	-.13	53	51	-.4	Z	0	2	1	64	52	0.08	
Aberdeen ...	30.22	60	S	1	0	30.18	-.08	55	53	-.3	SW	1	2	1	72	49	0.04	
Leith ...	30.22	71	W	3	0	30.19	-.05	57	55	-.8	W	3	0	*	80	52	-	
Shields ...	30.24	59	ESE	4	0	30.22	-.03	60	55	-.1	NW	3	bc	0	64	52	-	
York ...	30.24	64	E	1	0	30.24	+.04	61	58	-.6	W	2	bc	*	72	51	-	
Scarborough ...	30.25	58	NE	1	0	30.19	-.03	62	59	-.2	W	1	0	2	74	55	-	
Nottingham ...	30.26	70	ENE	3	0	30.24	+.02	59	58	-.12	SW	3	0	*	84	52	-	
Ardrrossan ...	30.30	60	NW	5	0	30.28	-.06	55	52	-.3	NW	2	2	2	62	52	-	
Greencastle ...	30.34	57	N	2	0	30.28	-.16	54	52	+.1	W	2	0	*	62	44	-	
Donaghadee ...	30.34	58	N	5	0	30.28	-.06	58	55	+.2	W	3	0	2	61	46	-	
Kingstown ...																		
Holyhead ...	30.33	59	N	4	0	30.31	-.02	57	54	0	N	2	0	2	61	53	-	
Liverpool (Bidston) ...	30.31	62	NNW	3	0	30.29	-.02	57	54	-.2	W	2	bc	2	64	52	-	
Valencia ...	30.34	64	N	3	0	30.35	-.09	60	58	-.3	NNW	2	bc	2	70	53	-	
Roebe's Point... ..	30.34	74	SSW	3	0	30.33	+.01	61	56	-.3	N	1	0	1	79	58	-	
Pembroke ...	30.29	63	NNE	4	0	30.28	-.01	61	55	-.1	Z	0	0	0	66	54	-	
Portishead ...	30.22	73	NNW	3	0	30.29	+.04	62	57	-.10	NNE	3	0	2	84	54	-	
Scilly ...	30.28	64	NNE	5	0	30.28	-.01	63	62	-.2	NNE	4	0	2	71	59	-	
Plymouth ...	30.32	79	N	2	0	30.25	-.02	70	65	0	E	1	bm	*	83	62	-	
Hurst Castle ...	30.19	73	WSW	1	0	30.25	+.06	64	62	-.3	E	2	0	1	76	60	-	
Dover ...	30.23	68	NE	3	0	30.24	+.01	65	58	-.6	NE	3	0	2	72	57	0.02	
London ...	30.22	78	E	3	0	30.24	+.02	64	61	-.6	SSW	2	0	*	90	55	-	
Oxford ...	*	*	*	*	*	30.24	+.02	63	59	?	Z	0	0	*	84	55	-	
Cambridge ...	30.24	69	N	2	0	30.28	+.07	62	58	-.12	S	1	0	*	86	50	-	
Yarmouth ...	30.26	62	NNE	3	0	30.24	+.09	61	57	-.10	WSW	1	bc	1	76	54	-	
The Helder ...	*	*	*	*	*	30.23	+.06	61	56	-.5	NNW	2	0	*	*	*	-	
Cape Gris Nez ...	30.22	61	NE	3	0	30.26	+.01	61	57	-.5	NE	3	0	2	66	57	-	
Brest ...	?	84	NE	2	0	?	?	70	61	0	NNE	2	0	1	86	59	-	
L'Orient ...	?	77	NW	3	0	?	?	70	63	0	E	3	0	2	90	63	-	
Rochefort ...	30.06	82	ENE	3	0	30.12	-.02	77	68	+.2	ENE	3	0	3	99	63	-	
Biarritz ...	30.08	72	WSW	2	0	30.10	-.02	66	64	0	WSW	1	0	2	72	63	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.23	-.01	73	*	+.5	NE	3	bc	*	*	*	*	
Charleville ...	*	*	*	*	*	30.20	+.05	67	*	-.2	NE	3	0	*	*	*	*	
Paris ...	30.15	84	NNE	3	0	30.21	-.02	64	*	-.7	NE	3	0	*	*	*	*	
Lyon ...	*	*	*	*	*	?	?	73	*	0	N	2	0	*	*	*	*	
Toulon ...	30.09	79	SSW	1	0	30.10	-.01	72	68	+.2	E	3	nm	1	82	70	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudeanaes ...	30.05	54	51	WNW	6	2	4	Valencia .....	30.32	64	62	N	3	bc	2
Thurso .....	30.21	59	53	WNW	5	bc	4	Scilly .....	30.39	64	65	NNE	4	bc	2
Scarborough ...	30.24	61	59	NE	1	0	2	London .....	30.20	88	70	E	2	bc	*
Greencastle ...	30.40	59	54	NNW	3	0	*	Rochefort ...	30.11	95	79	ENE	3	0	3
Holyhead .....	30.35	58	55	NNW	4	bc	3								

The barometer has risen on all but our SE coasts and N4 (NW & NE) winds prevail over the greater part of the Kingdom. The sky is rather more cloudy than of late but the weather remains fine in most places.

## EXPLANATION OF COLUMNS.

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

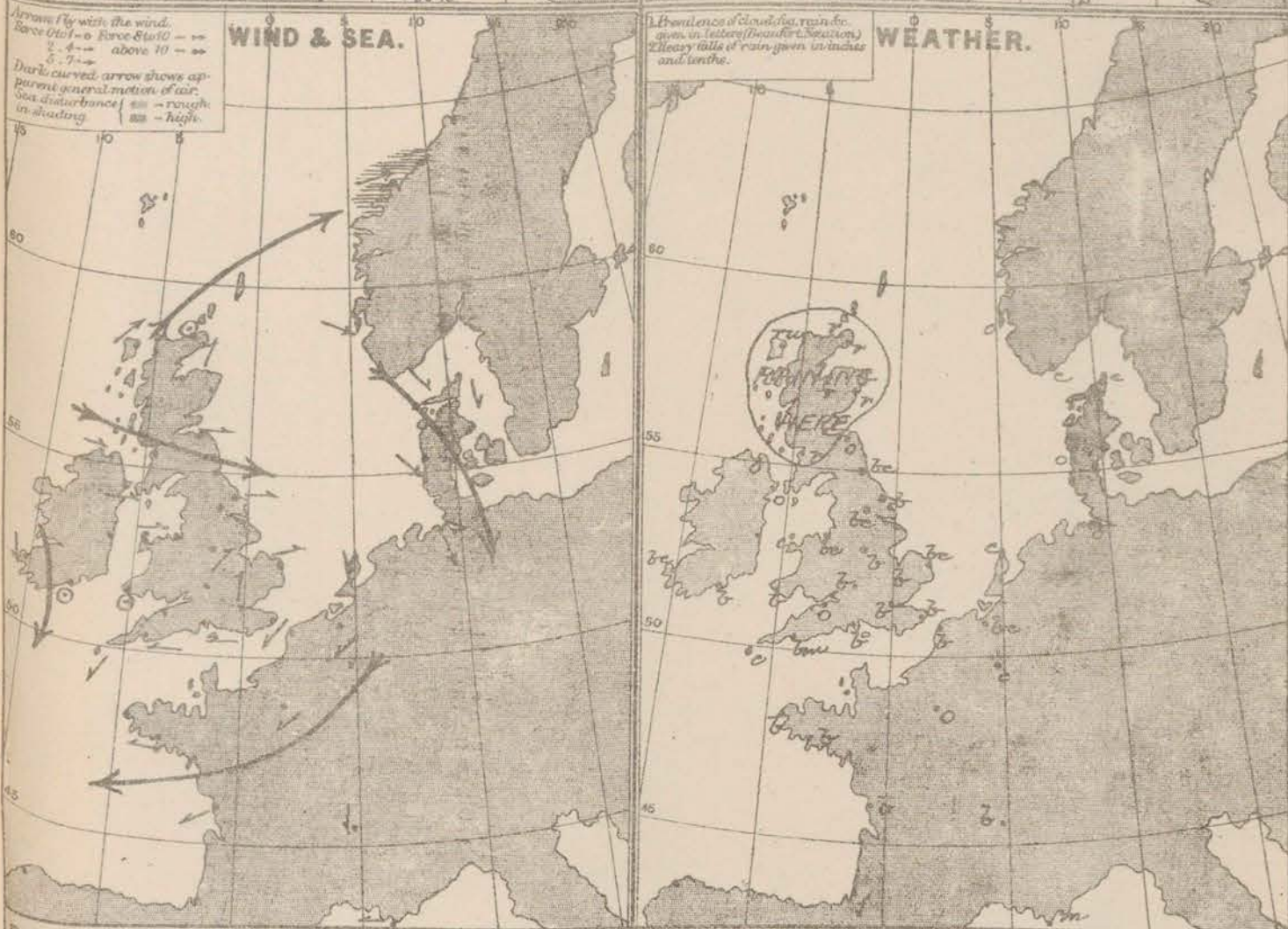
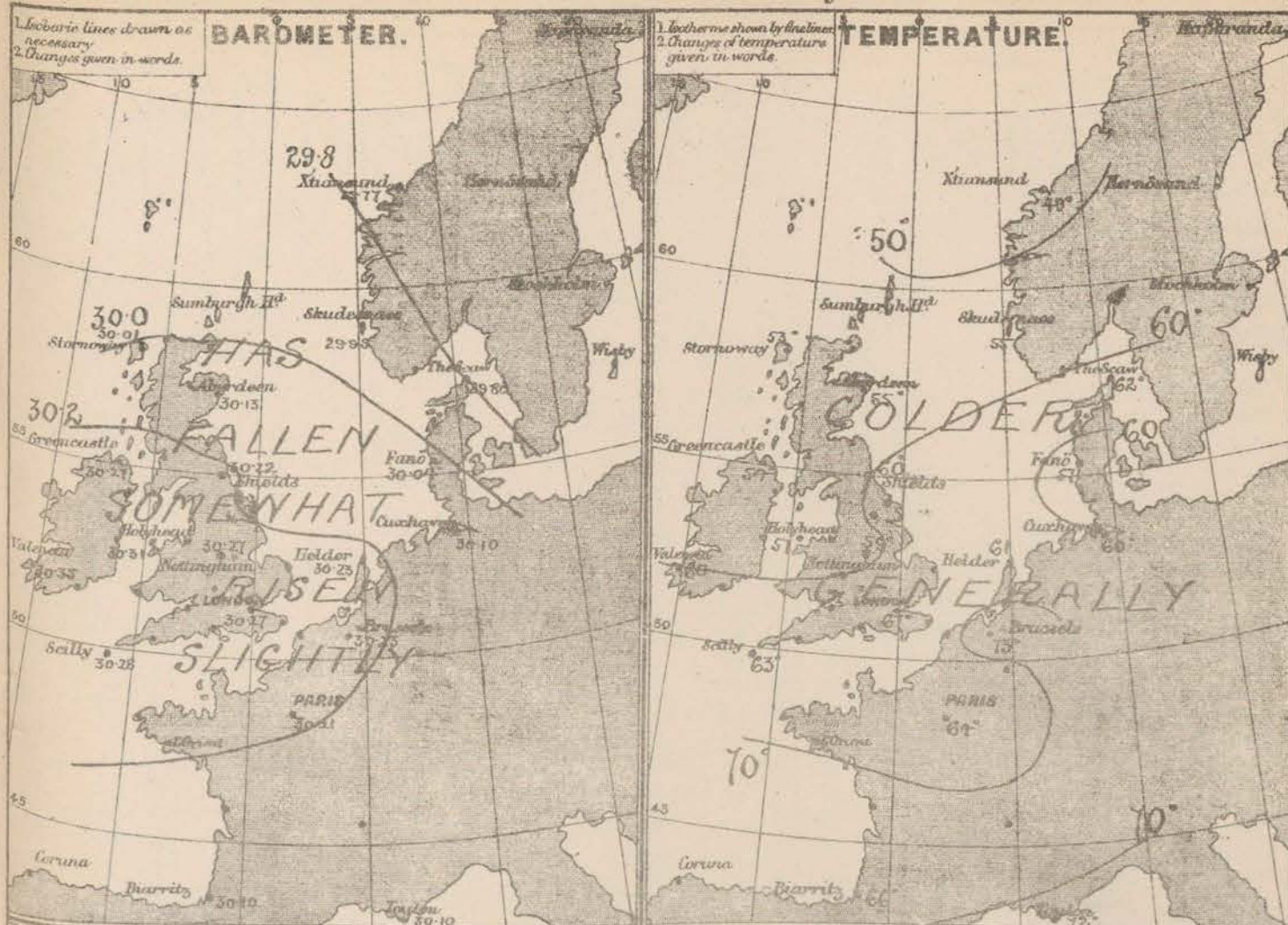
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sea, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m on Tues-day JULY 18<sup>TH</sup> 1876



REMARKS. During the past night the barometer has fallen somewhat in the W and N. of our Islands, while it has risen in the SE. The small depression noticed in that region yesterday having disappeared. Over Ireland the decrease has been comparatively slight, and the effect of the change has been to make windings extremely uniform over France, England & Ireland, but in Scotland the fall has been greater, and no other steep gradients have been found, while SW winds and rain have appeared. At our other stations the wind has light from NW in the N of England, & from NE & E over the S. the Channel. At the same time it appears that the depression noticed over Europe during the past two days still lies over that country, and stiff NW winds are reported on the E shore of the Irish Sea. A general fall of temperature has marked the place, the change amounting to about 10° in the S. of England, but during yesterday <sup>the thermometer</sup> went up to 85° at west of our central station at 6 p.m. in London, and to 99° at Rochester! The weather continues clear over England & the W. of France, but is overcast elsewhere. The sea is smooth except at Stromness. On the coast of Norway occurred near Troms yesterday.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

**R. H. SCOTT.**  
Director

Danversfield, 1stn, 22, Bedford St Covent Garden.



# DAILY WEATHER REPORT *July 19<sup>th</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 2).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.56	57	S	2	h	29.62	+0.2	61	59	+4	E	2	c	*	*	*	0.20	
Hernösand ...	29.54	58	NW	4	c	29.54	-0.9	56	50	+1	NW	4	c	*	*	*	0.20	
Stockholm ...	29.58	57	E	2	b	29.58	-0.4	57	53	+1	NNE	2	c	*	*	*	-	
Wiesby ...	29.66	59	W	4	b	29.61	-0.4	63	60	0	S	4	c	*	*	*	-	
Christiansund ...	29.74	49	W	6	c	29.80	+0.3	50	50	+1	SW	3	f	h	50	46	-	
Skudesnaes ...	29.74	57	WNW	2	h	29.80	-1.5	57	53	+2	NNW	4	b	h	?	?	0.04	
Oxö (Xiansand)	29.72	57	WSW	5	c	29.69	-1.8	61	53	+1	NNE	6	bc	3	63	54	-	
Skagen (The Scaw)	29.67	58	WNW	4	c	29.62	-1.8	60	57	-2	ENE	4	b	3	66	54	0.04	
Fanö ...	29.84	54	W	4	h	29.67	-37	57	55	0	NW	4	c	*	61	54	0.20	
Cuxhaven ...	30.02	*	*	*	*	29.69	-41	61	60	+1	NW	5	0.2	*	?	60	0.11	
Sumburgh Head																		
Stornoway	29.95	56	WNW	7	h	30.08	+0.7	56	55	+3	W	1	h	2	60	57	0.22	
Thurso ...	29.84	55	W	5	h	30.06	+0.9	53	53	+2	WNW	4	c	3	61	57	0.45	
Wick ...	29.84	55	W	6	c	30.06	+0.3	54	54	+2	NW	3	h	1	60	50	0.54	
Nairn ...	29.92	63	WNW	3	c	30.08	-0.5	59	56	+6	WNW	2	c	1	65	53	0.18	
Aberdeen ...	29.86	65	WNW	3	c	30.05	-0.8	57	53	+2	NNW	4	c	3	66	55	0.25	
Leith ...	29.98	61	W	5	b	30.07	-1.2	64	61	+7	W	1	c	*	67	56	-	
Shields ...	30.04	62	SW	4	c	30.08	-1.4	60	58	0	NE	3	c	1	66	58	0.01	
York ...	30.10	61	W	4	c	30.08	-1.6	66	60	+5	NW	3	c	*	72	58	-	
Scarborough ...	30.06	63	NW	3	c	30.07	-1.2	60	58	-2	N	4	c	3	70	57	-	
Nottingham ...	30.16	65	WSW	2	c	30.11	-1.6	71	65	+12	NW	3	b	*	81	59	-	
Ardrossan ...	30.13	59	WNW	4	h	30.15	-1.0	58	56	+3	NW	1	c	2	61	55	0.01	
Greencastle ...	30.15	64	W	5	c	30.19	-0.8	59	57	+5	N	3	bc	*	70	52	0.04	
Donaghadee ...	30.14	65	SW	4	bc	30.19	-0.9	57	53	-1	NW	5	c	3	71	56	-	
Kingstown ...	30.24	68	WNW	4	c	30.26		61	58		WNW	5	bc	4	70	60	-	
Holyhead ...	30.21	60	SW	4	c	30.19	-1.2	60	58	+3	WSW	5	c	4	64	56	-	
Liverpool (Bidston)	30.18	62	W	4	c	30.14	-1.5	60	59	+3	W	5	c	3	64	57	-	
Valencia ...	30.31	61	NNW	3	c	30.30	-0.5	63	60	+3	N	1	bc	1	64	56	-	
Roche's Point...	30.27	71	N	2	bc	30.29	-0.4	62	57	+1	NNE	5	b	3	78	54	-	
Pembroke ...	30.25	61	NNW	1	c	30.23	-0.5	59	58	-2	NW	2	bc	1	66	58	-	
Portishead ...	30.18	70	NNE	2	c	30.16	-1.3	68	65	+6	N	3	c	2	77	59	-	
Scilly ...	30.26	62	N	4	c	30.25	-0.3	64	62	+1	NNE	2	c	1	69	59	-	
Plymouth ...	30.22	69	SSW	1	c	30.19	-0.6	69	64	-1	N	2	b	*	76	59	-	
Hurst Castle ...	30.17	65	WSW	2	bc	30.12	-1.3	70	67	+6	NNW	4	b	3	70	57	-	
Dover ...	30.17	64	SW	2	bc	30.04	-2.3	67	60	+2	NW	3	c	2	68	63	-	
London ...	30.15	76	W	2	c	30.08	-1.9	69	62	+2	NW	2	c	*	80	55	-	
Oxford ...	*	*	*	*	*	30.09	-1.5	68	63	+5	NW	3	bc	*	80	59	-	
Cambridge ...	30.13	71	NW	1	c	30.06	-2.2	67	63	+5	NW	2	c	*	82	57	-	
Yarmouth ...	30.10	69	Z	0	b	30.02	-2.5	63	60	+2	NW	4	c	3	72	59	-	
The Helder..	*	*	*	*	*	29.88	-35	61	60	0	WNW	5	c	*	*	*	0.04	
Cape Gris Nez	30.15	65	Z	0	c	30.05	-2.1	64	63	+3	NNW	2	c	2	68	59	-	
Brest ...	?	81	N	2	bc	?	?	66	64	-4	NNE	2	b	1	86	54	-	
L'Orient ...	?	79	NNW	2	bc	?	?	70	63	0	ENE	2	b	1	90	61	-	
Rochefort ...	30.06	102	N	3	b	30.10	-0.2	72	70	-5	NNE	3	f	3	?	63	-	
Biarritz ...	30.06	45	WSW	2	bc	30.09	-0.1	72	68	+6	SW	2	b	2	?	64	-	
Corunna ...	*	*	*	*	*	30.25		76	*		N	?	b	1	*	*	*	
Brussels ...	*	*	*	*	*	29.99	-2.4	64	*	-9	SW	3	c	*	*	*	*	
Charleville ...	*	*	*	*	*	29.94	-2.6	63	*	-4	WNW	3	c	*	*	*	*	
Paris ...	30.12	79	N	2	b	30.09	-1.2	68	*	+4	NW	3	bc	*	*	*	?	
Lyons ...	*	*	*	*	*	?	?	76	*	+3	NW	2	c	*	*	*	*	
Toulon ...	30.08	77	SW	1	c	29.98	-1.2	72	68	0	NW	4	b	3	84	72	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.82	54	52	WNW	2	h	2	Valencia ...	30.24	62	58	NNW	2	bc	2
Thurso .....	29.85	60	57	W	4	og	4	Scilly .....	30.34	64	62	NNE	4	c	2
Scarborough ...	30.12	65	60	SE	2	o	2	London .....	30.19	75	62	W	1	o	*
Greencastle ...	30.20	68	62	W	3	bc	*	Rochefort ...	30.11	97	79	ENE	3	b	3
Holyhead .....															

The barometer continues to fall in the N and NE and the wind has veered to W. both at Green castle and Thurso but is moderate. Elsewhere little change is reported & it seems probable that the wind will freshen from W to NW in the N<sup>e</sup> parts of our Islands tonight.

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

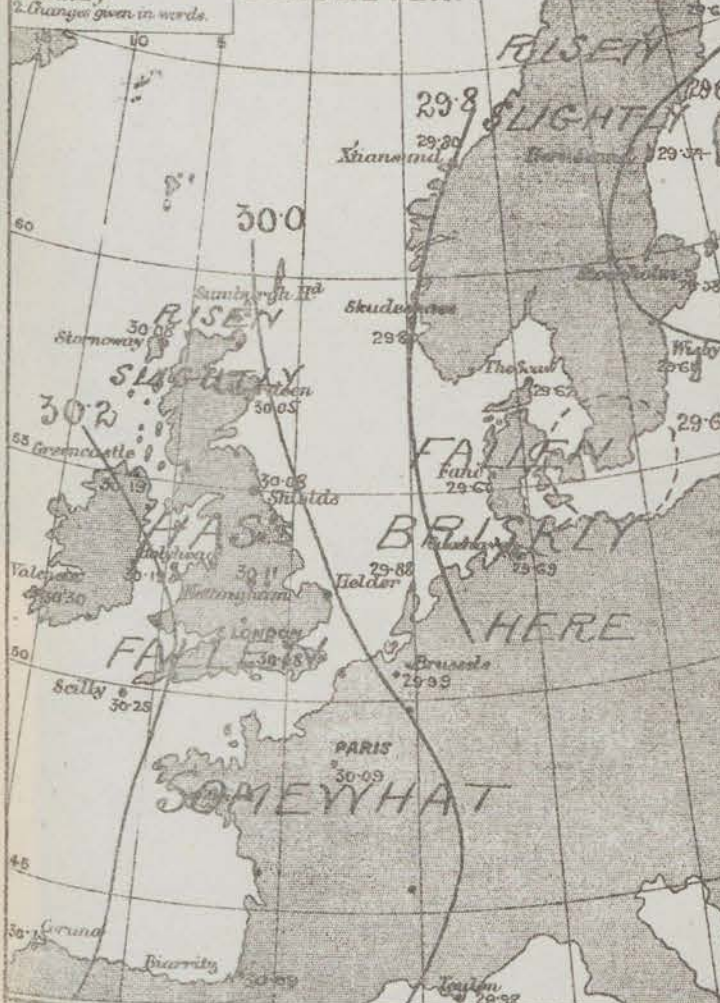
N.B.—The wind is said to "veer" when its direction changes with the sea, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Wednesday JULY 19<sup>th</sup> 1876

1. Isobars are lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.





# DAILY WEATHER REPORT *July 20<sup>th</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.71	61	E	2	bc	29.78	+16	65	60	+4	E	2	bc	*	*	*	—	
Hernösand ...	29.64	53	N	2	o	29.76	+22	57	54	+1	Z	0	o	*	*	*	0.04	
Stockholm ...	29.70	66	Z	0	b	29.78	+20	62	55	+5	NW	2	o	*	*	*	0.04	
Wisby ...	29.65	57	ENE	2	bc	29.83	+22	59	56	-4	N	4	b	*	*	*	0.24	
Christiansund ...	29.92	53	WNW	1	c	29.94	+14	51	50	+1	W	4	f	3	54	48	—	
Skudesnaes ...	29.96	52	NW	6	a	30.01	+21	55	51	-2	NW	6	o	3	57	52	—	
Oxö (Tidöarna) ...	29.82	65	ESE	4	b	29.87	+18	62	54	+1	NNW	4	b	2	68	54	—	
Skagen (The Swan) ...	29.84	59	NW	3	b	29.86	+24	62	59	+2	WNW	3	b	1	72	52	—	
Fanö ...	29.97	56	NW	6	b	29.97	+30	56	53	-1	WNW	6	o	*	68	54	—	
Cuxhaven ...	29.87	*	*	*	*	30.03	+34	59	55	-2	NNW	6	o	*	60	?	—	
Sumburgh Head ...																		
Stornoway ...	30.13	58	WNW	3	o	30.18	+10	56	54	0	W	3	o	0	72	52	—	
Thurso ...	30.08	57	WNW	3	o	30.16	+16	56	53	+3	NW	3	bc	3	62	57	0.01	
Wick ...	30.10	57	NW	3	o	30.17	+11	54	52	0	W	1	o	0	61	48	—	
Nairn ...	30.13	66	WNW	2	c	30.19	+11	56	51	-3	SW	1	b	1	71	50	—	
Aberdeen ...	30.10	58	S	1	o	30.19	+14	57	53	0	NNW	1	o	0	64	52	0.01	
Leith ...	30.12	70	NW	3	bc	30.20	+13	61	56	-3	W	2	bc	*	74	53	—	
Shields ...	30.16	58	E	1	b	30.20	+12	61	58	+1	NW	2	bc	0	62	54	—	
York ...	30.15	67	E	1	b	30.21	+13	63	58	-3	N	2	b	*	72	57	—	
Scarborough ...	30.15	58	N	4	c	30.19	+12	63	59	+3	NNW	1	bc	1	67	57	—	
Nottingham ...	30.18	71	NW	4	bc	30.23	+12	68	62	-3	WNW	2	b	*	81	53	—	
Ardrossan ...	30.21	62	WNW	3	bc	30.27	+12	56	51	-2	WNW	3	bc	2	66	54	—	
Greencastle ...	30.25	60	NW	4	bc	30.26	+07	57	55	-2	NW	1	o	*	72	52	—	
Donaghadee ...	30.25	60	N	4	bc	30.28	+09	57	56	0	NE	1	f	0	66	55	—	
Kingstown ...	30.22	69	NW	4	c	30.20	+04	60	57	-1	NNW	1	cf	1	69	59	—	
Holyhead ...	30.25	63	N	2	bc	30.28	+09	59	57	-1	NNE	1	og	0	65	55	—	
Liverpool (Bidston) ...	30.21	64	WNW	4	b	30.26	+12	62	57	+2	NW	3	o	2	67	57	—	
Valencia ...	30.28	71	NNW	2	b	30.25	-05	67	63	+4	SSE	2	bc	2	74	58	—	
Roche's Point ...	30.30	74	SSW	2	b	30.29	00	68	63	+6	E	1	c	2	77	57	—	
Pembroke ...	30.23	69	NNE	3	b	30.26	+03	65	60	+6	Z	0	b	1	69	58	—	
Portishead ...	30.17	75	NNE	4	b	30.24	+03	67	62	-1	NNE	1	b	1	85	57	—	
Scilly ...	30.26	64	NNE	3	bc	30.25	00	66	64	+2	NE	4	b	1	69	60	—	
Plymouth ...	30.19	74	N	5	b	30.23	+04	70	64	+1	Z	0	b	*	81	60	—	
Hurst Castle ...	30.14	78	N	4	b	30.22	+10	65	61	-5	NE	1	b	0	84	57	—	
Dover ...	30.14	68	N	3	b	30.22	+16	67	63	0	SW	1	bc	1	72	62	—	
London ...	30.16	75	NNW	2	c	30.23	+15	69	63	0	SW	1	b	*	80	57	—	
Oxford ...	*	*	*	*	*	30.23	+14	62	58	-6	NW	1	c	*	74	54	—	
Cambridge ...	30.16	70	NE	2	b	30.23	+17	64	60	-3	SW	1	o	*	78	59	—	
Yarmouth ...	30.14	63	NNW	4	b	30.21	+19	63	59	0	Z	0	bc	2	65	57	—	
The Helder ...	*	*	*	*	*	30.17	+29	60	56	-1	NW	3	c	*	*	*	0.04	
Cape Gris Nez ...	30.15	63	ENE	3	bc	30.24	+19	64	61	0	SW	1	bc	0	72	57	—	
Brest ...	?	77	N	2	b	?	?	68	61	+2	E	3	b	2	?	59	—	
L'Orient ...	?	79	NE	3	?	?	?	70	64	0	E	2	b	2	84	61	—	
Rocheport ...	30.07	77	NW	4	b	30.15	+05	73	66	+1	NE	4	b	3	88	54	—	
Biarritz ...	30.10	75	WSW	3	bc	30.12	+03	72	68	0	SW	2	b	2	79	66	—	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.21	+22	64	*	0	NW	3	o	*	*	*	*	
Charleville ...	*	*	*	*	*	30.12	+18	57	*	-6	NW	3	o	*	*	*	*	
Paris ...	30.11	71	NNE	5	o	30.23	+14	61	*	-7	NNE	3	c	*	*	*	?	
Lyons ...	*	*	*	*	*	?	?	70	*	-6	N	7	c	*	*	*	*	
Toulon ...	29.88	82	NW	7	bc	29.88	-10	75	68	+3	SSE	1	b	4	90	68	—	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.89	56	52	NW	8	c	4	Valencia .....	30.28	72	64	N	2	b	2
Thurso .....	30.08	60	58	NW	2	o	3	Scilly .....	30.27	65	64	NNE	3	bc	2
Scarborough ...	30.16	61	57	N	4	c	3	London .....	30.11	75	65	NW	2	c	*
Greencastle ...	30.24	67	62	NW	2	c	*	Rocheport ...	30.09	77	72	NW	4	b	3
Holyhead .....	30.26	64	59	NW	5	b	4								

No great change has taken place since the morning except that pressure is becoming rather more uniform than it was this morning, by increasing in the E and N and decreasing slightly at Valencia.

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m on Thursday JULY 20<sup>th</sup> 1876.

1. Isobars lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



1. Isotherms shown by lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



Arrows by with the wind.  
Force 0-1 = Force 10 = 10  
2-4 = 20  
5-7 = 30  
Dashed curved arrow shows apparent general motion of air.  
Sea disturbance: 100 = rough in shoaling 200 = high

## WIND & SEA.



1. Prevalence of cloud, fog, rain, &c. given in letters (Beaufort notation).  
2. Heavy falls of rain, given in inches and tenths.

## WEATHER.



**REMARKS.** The small depression which lay over the Sound yesterday has disappeared, and as no other disturbance has shown itself the barometer has risen very generally - especially on the E. shore of the North Sea - and the area of high pressure has again extended over nearly the whole of our Islands, and N. of France. The winds has consequently become exceedingly light and variable; down islands, but is still rather strong from NW in the W. of Norway, Denmark and N. Germany. Temperature has decreased very generally during the past night, but is now rising again quickly in London. It rose to above 60° over the central and S. parts of England yesterday, and to 68° in the SW. of France. The weather is again fine and dry in all parts of W. Europe, and in most places the sky is clear. The sea is very smooth.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.  
Director.



# DAILY WEATHER REPORT July 21<sup>st</sup> 1876.

STATIONS.	† YESTERDAY EVENING.						3 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 320 F. and Sea Level.	BAROMETER.		GRADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).			Difference from 3 a.m. yesterday.	Dry.	Wet.	Difference from 3 a.m. yesterday.	Dir.	Force (0 to 12).	Max.			Min.			
Haparanda ...	29.89	66	Z	0	b	29.83	+0.5	66	60	+1	Z	0	b	*	*	*	—		
Hernösand ...	29.82	56	Z	0	e	29.88	+1.2	60	53	+3	N	4	b	*	*	*	—		
Stockholm ...	29.85	59	Z	0	b	29.94	+1.6	63	57	+1	N	2	bc	*	*	*	—		
Wisby ...	29.90	60	NE	2	b	30.01	+1.8	61	57	+2	NNE	4	bc	*	*	*	—		
Christiansund ...	29.98	53	WSW	4	o	29.96	+0.2	53	57	+2	WSW	6	o	4	54	50	—		
Skudesnaes ...	30.08	63	NW	6	bc	?	?	56	52	+1	NW	6	o	3	?	52	—		
Oxö (Klinsand) ...	29.91	66	NE	2	bc	29.99	+1.2	64	55	+2	NNW	2	b	2	66	59	—		
Skagen (The Sea) ...	29.92	60	N	2	bc	29.99	+1.3	64	58	+2	N	2	b	0	79	50	—		
Fanö ...	30.03	56	NW	6	o	30.10	+1.3	59	55	+3	NW	6	c	*	65	54	—		
Cuxhaven ...	30.04	*	*	*	*	30.11	+0.8	59	55	0	N	5	o	*	61	?	—		
Sumburgh Head ...																			
Stornoway ...	30.15	59	WSW	2	bc	30.11	-0.7	58	56	+2	SW	3	o	4	61	51	0.01		
Thurso ...	30.14	59	NW	3	b	30.12	-0.4	57	53	+1	S	1	c	1	62	47	—		
Wick ...	30.16	58	Z	0	bc	30.13	-0.4	56	53	+2	NW	1	c	1	62	49	—		
Nairn ...	30.16	63	SW	1	b	30.16	-0.3	58	53	+2	Z	0	bc	1	71	48	—		
Aberdeen ...	30.17	57	S	2	c	30.13	-0.6	57	52	0	NW	2	c	1	64	52	—		
Leith ...	30.16	67	N	3	bc	30.14	-0.6	61	57	0	N	3	bc	*	76	53	—		
Shields ...	30.21	60	SE	4	b	30.16	-0.4	61	56	0	N	1	c	1	62	54	—		
York ...	30.20	70	E	1	bc	30.20	-0.1	57	56	-6	SW	1	o	*	78	52	—		
Scarborough ...	30.21	58	E	1	b	30.17	-0.2	60	59	-3	S	1	o	1	66	56	—		
Nottingham ...	30.21	72	NNW	1	b	30.20	-0.3	68	63	0	S	1	c	*	81	50	—		
Ardrossan ...	30.22	62	NNW	2	bc	30.18	-0.9	59	57	+3	SE	1	om	0	66	50	—		
Greencastle ...	30.22	60	E	2	b	30.13	-1.3	65	62	+3	SSE	1	b	*	66	64	—		
Donaghadee ...	30.26	58	NNE	2	b	30.16	-1.2	62	58	+5	ESE	3	bc	2	62	53	—		
Kingstown ...	30.25	69	SE	3	bc	30.19	-1.1	66	60	+6	SE	3	c	2	69	59	—		
Holyhead ...	30.24	65	NNE	2	bc	30.18	-1.0	63	60	+4	NE	2	c	2	67	57	—		
Liverpool (Bidston) ...	30.24	64	NNW	3	b	30.19	-0.7	59	57	-3	NNW	1	om	1	65	55	—		
Valencia ...	30.21	72	S	2	c	30.13	-1.2	65	61	-2	Z	0	o	1	75	56	—		
Roche's Point ...	30.26	72	SSE	3	b	30.16	-1.3	67	63	-1	SE	2	b	2	82	60	—		
Pembroke ...	30.21	?	N	1	b	30.16	-1.0	64	61	-1	NE	1	bm	0	73	56	—		
Portishead ...	30.20	74	W	2	b	30.17	-0.7	66	62	-1	NW	2	bc	1	78	59	—		
Sailly ...	30.22	67	ENE	2	b	30.16	-0.9	70	67	+4	E	1	b	0	71	62	—		
Plymouth ...	30.21	69	SSW	1	b	30.17	-0.6	69	66	-1	Z	0	bc	*	75	59	—		
Hurst Castle ...	30.17	69	WSW	3	b	30.17	-0.5	68	65	+3	Z	0	b	0	72	58	—		
Dover ...	30.20	64	SSW	1	bc	30.19	-0.3	68	64	+1	NE	1	b	0	70	58	—		
London ...	30.18	79	W	2	b	30.19	-0.4	68	64	-1	Z	0	bm	*	83	58	—		
Oxford ...	*	*	*	*	*	30.17	-0.6	66	62	+4	Z	0	b	*	75	55	—		
Cambridge ...	30.21	68	ENE	1	b	30.19	-0.4	64	62	0	E	1	om	*	80	53	—		
Yarmouth ...	30.22	64	SSE	2	b	30.22	+0.1	62	59	-1	SE	1	b	1	66	56	—		
The Helder ...	*	*	*	*	*	30.21	+0.4	61	57	+1	Z	0	bc	*	*	*	—		
Cape Gris Nez ...	30.21	66	Z	0	b	30.20	-0.4	66	63	+2	SW	1	bc	0	72	59	—		
Brest ...	?	70	NNW	2	b	?	?	70	61	+2	EEB	3	bc	2	?	59	—		
L'Orient ...	?	78	NW	3	b	?	?	68	63	-2	E	4	b	2	84	63	—		
Rochefort ...	30.11	81	NE	4	b	30.08	-0.7	81	72	+8	E	4	b	3	90	63	—		
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—		
Brussels ...	*	0	*	*	*	30.20	-0.1	67	*	+3	NE	1	o	2	*	*	—		
Charleville ...	*	*	*	*	*	30.12	0.0	61	*	+4	NE	1	b	*	*	*	—		
Paris ...	30.19	73	NNE	3	b	30.21	-0.2	67	*	+6	E	1	b	*	*	*	?		
Lyons ...	*	*	*	*	*	?	?	70	*	0	N	2	b	*	*	*	—		
Toulon ...	29.94	84	SW	3	b	29.97	+0.9	77	63	+2	E	4	b	3	86	78	—		

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.06	55	52	NW	6	c	4	Valencia .....	30.24	73	65	SSE	3	bc	3
Thurso .....	30.15	60	55	NW	3	b	2	Scilly .....	30.24	70	67	NE	3	b	1
Scarborough ...	30.22	62	60	NNW	1	b	1	London .....	30.21	75	63	W	2	b	*
Greencastle ...	30.25	60	57	ENE	2	b	*	Rochefort ...	30.14	88	73	NE	3	b	3
Holyhead .....	30.28	61	59	VNW	2	c	1								

*No important change.*

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; a. 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.

† The evening observations are taken at 8 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sea, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Fri-day JULY 21<sup>st</sup> 1876.



**REMARKS.** The barometer has continued to rise since yesterday at all stations lying to the E<sup>o</sup> of the Irish Sea, but in our Islands (where readings are remarkably uniform) it is falling a little, especially in the W. The wind has consequently become S.E. in Ireland, but is very light, while variable air prevails over Great Britain. In Scandinavia and Denmark moderate to fresh N.W. breezes are felt, and in France the wind is E. Temperature is changing irregularly. In many parts of England, and in the S.E. of Ireland it rose to a maximum of 80° or more during yesterday, and in the S.W. of France 90° was reached. The weather remains very fine and dry over the whole of W. Europe, but is rather more hazy than it was yesterday. Lightning was seen in London last evening. The sea is moderate at Howmoy out of Christiania, very smooth elsewhere.

Meteorological Office,  
116 Victoria Street, Westminster S.W.

R. H. SCOTT,  
Director.

Deverfield, 11th, 22 Bedford St. Covent Garden



# DAILY WEATHER REPORT *July 22<sup>nd</sup> 1876.*

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 30° F. and Sea Level.	Temp. in shade.	Wind.		Weather.	Barometer, Reading at 30° F. and Sea Level.	Therm.			Wind.		Weather.	Sea (0 to 9).	Therm.		Amount of Rainfall.			
			Dir.	Force (0 to 12).			Dry.	Wet.	Difference between wet and dry.	Dir.	Force (0 to 12).			Max.	Min.				
Haparanda ...	29.76	62	SW	2	b	29.84	+01	60	53	-6	NW	4	b	60	50	-			
Hernösand ...	30.15	60	Z	0	b	30.04	+16	59	53	-1	WNW	2	bc	60	50	-			
Stockholm ...	29.97	61	Z	0	b	30.03	+09	64	54	+1	Z	2	b	60	50	-			
Wisby ...	30.02	63	N	2	b	30.06	+05	68	57	+7	E	4	b	60	50	-			
Christiansund ...	30.05	54	WSW	3	o	30.04	+03	53	51	0	SW	1	o	55	50	-			
Skudesnes ...	30.10	54	NW	6	c	30.06	?	58	50	+2	NNW	4	bc	57	54	-			
Oxö (Kilnhead) ...	29.97	65	SSW	4	c	29.97	-02	60	54	-4	WSW	6	b	62	59	-			
Skagen (The Sound) ...	30.00	68	N	4	b	29.97	-02	63	55	-1	N	5	c	75	54	-			
Fanø ...	30.12	56	SW	4	c	30.14	+04	58	55	-1	NW	2	o	62	54	-			
Cuxhaven ...	30.17	60	SW	4	c	30.13	+02	?	?	?	NW	1	o	61	?	-			
Sumbargh Head																			
Storaaway ...	30.06	65	SSW	1	bc	29.98	-13	58	57	0	Z	0	o	66	55	0.02			
Thurso ...	30.08	63	SSE	1	c	29.97	-15	57	56	0	Z	0	f	67	50	0.06			
Wick ...	30.08	58	E	2	bc	29.98	-15	55	54	-1	SSE	1	f	62	52	0.24			
Nairn ...	30.08	67	SW	1	b	29.98	-15	57	55	-1	SW	1	f	69	53	0.04			
Aberdeen ...	30.12	58	SSE	1	b	30.00	-13	57	56	+0	SE	1	f	65	50	-			
Leith ...	30.12	58	NE	2	bc	30.00	-14	58	57	-3	ENE	2	f	72	54	0.08			
Shields ...	30.14	61	E	1	b	29.98	-18	60	59	-1	ESE	1	bc	67	52	-			
York ...	30.11	71	ESE	2	b	30.04	-16	61	59	+4	S	1	b	80	55	-			
Scarborough ...	30.13	52	ESE	2	b	30.02	-15	67	63	+1	SSW	1	b	67	57	-			
Nottingham ...	30.10	74	NW	1	b	30.06	-14	71	66	+3	S	3	bc	87	60	-			
Ardrrossan ...	30.11	68	WSW	1	b	29.98	-20	61	59	+2	NNE	2	cm	71	67	0.28			
Greenacastle ...	30.05	69	SSE	3	b	30.01	-12	59	56	-6	WNW	2	o	77	58	-			
Donaghadee ...	30.09	63	S	2	b	30.00	-16	60	58	-2	N	3	c	68	45	-			
Kingstown ...	30.11	71	SSE	4	b	30.03	-12	66	62	0	NW	4	cm	71	64	-			
Holyhead ...	30.11	70	NE	2	b	30.03	-15	62	60	-1	SW	3	c	73	58	-			
Liverpool (Biston) ...	30.10	72	NNW	1	b	30.02	-17	70	61	+11	E	1	m	71	59	-			
Valencia ...	30.09	67	SW	2	c	30.09	-04	60	55	-5	WNW	2	c	71	57	-			
Roche's Point ...	30.12	74	SE	1	b	30.04	-12	66	63	-1	N	1	o	87	59	-			
Pembroke ...	30.11	69	Z	0	b	30.06	-10	64	62	0	ESE	1	cm	73	59	-			
Portishead ...	30.07	74	WSW	2	b	30.06	-11	68	65	+2	WNW	1	bc	85	62	-			
Seilly ...	30.11	70	SE	1	b	30.05	-11	68	67	-2	E	1	b	73	62	-			
Plymouth ...	30.12	71	S	1	b	30.05	-12	70	64	+1	E	2	b	79	58	-			
Hurst Castle ...	30.10	70	WSW	2	b	30.06	-11	68	66	0	Z	0	b	74	60	-			
Dover ...	30.15	65	ENE	1	b	30.09	-10	69	64	+1	ENE	2	b	70	60	-			
London ...	30.12	75	ESE	1	bc	30.08	-11	71	64	+3	Z	0	b	85	57	-			
Oxford ...	30.10	74	SE	1	b	30.07	-13	70	63	+4	S	1	b	85	60	-			
Cambridge ...	30.10	74	SSE	1	b	30.07	-12	69	64	+5	S	1	b	84	56	-			
Yarmouth ...	30.17	63	SE	2	b	30.11	-11	63	61	+1	SE	2	b	67	57	-			
The Helder ...	30.14	66	NE	1	b	30.11	-09	70	64	+4	Z	0	b	73	61	-			
Cape Gris Nes ...	?	79	NE	3	b	?	?	72	64	+2	SSE	2	bc	81	64	-			
Brest ...	?	75	NW	1	b	?	?	70	61	+2	ESE	3	b	84	63	-			
L'Orient ...	30.01	82	E	3	b	29.93	-15	72	64	-9	E	3	b	93	61	-			
Rocheport ...	29.96	79	Z	0	b	29.87	-17	73	63	+1	E	1	b	77	66	-			
Biarritz ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	-			
Coruna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	-			
Brussels ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	-			
Charleville ...	?	?	?	?	?	30.02	-10	62	?	+1	ENE	1	b	?	?	-			
Paris ...	30.11	77	ENE	3	b	30.09	-12	73	?	+6	E	?	b	?	?	-			
Lyons ...	?	?	?	?	?	?	?	70	?	0	?	2	b	?	?	-			
Toulon ...	29.98	79	SE	1	b	30.02	+05	70	66	-7	E	4	m	81	?	-			

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudeanaes ...	30.10	57	52	NW	6	c	3	Valencia .....	30.11	69	64	SSE	2	c.	3
Thurso .....	30.10	63	57	Z	0	bc	1	Scilly .....	30.14	71	60	ESE	3	b	o
Scarborough ...	30.15	60	58	ESE	2	b	2	London .....	30.14	77	66	E	1	bc	o
Greenacastle ...	30.09	70	65	E	3	b	4	Rocheport ...	30.03	75	77	E	11	b	3
Holyhead .....	30.15	70	62	NNE	3	b	2								

No important change.

## EXPLANATION OF COLUMNS

**WEATHER.**—Reconfort 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.

† The evening observations are taken at 6 p.m. in our Islands, at 3 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Saturday JULY 22<sup>nd</sup> 1876



**REMARKS.** The mercury is still rising at the Swedish stations, but to all other parts of W. Europe the decrease noticed yesterday over the North Sea has continued. The greatest fall has occurred in the SW. of France, and moderate gradients for E. winds are reported from that region. But in all other places pressure, though rather higher over the Netherlands than elsewhere, is exceedingly uniform. The wind is consequently very variable, as our own and the N. German coast, but over the Skagerrack, as fresh NW. breeze is blowing, owing to the presence of a small shallow depression over the S. of Norway. Temperature has changed rather irregularly, except in the W. of France, where it has fallen several degrees. During yesterday it rose to over 80° at our central stations, and to go in the SW. of France. The sky is overcast in very cloudy in Scotland and Ireland, with rain at places and showers elsewhere, but elsewhere fine dry weather is reported. The sea is smooth.

Meteorological Office, R. H. SCOTT, Director.  
40, Victoria Street, Westminster, S.W.



# SUMMARY OF WEATHER IN WESTERN EUROPE

from July 16<sup>th</sup> to July 22<sup>nd</sup> 1876.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During this period the weather of the British Isles and their neighbourhood has been under the influence of a large anticyclone and fine dry weather, with light breezes has prevailed. This high pressure, from the 16<sup>th</sup> to the 21<sup>st</sup>, (with the exception of the 17<sup>th</sup> and 19<sup>th</sup> when it was more to the NW) lay over England and the N. of France, and a series of disturbances, generally slight, has passed over Scandinavia. The wind has been very light on our coasts and has varied much in direction but on the E<sup>ro</sup> shore of the North Sea fresh NW<sup>ly</sup> breezes have prevailed. Temperature has been high over Central England and the N. of France and in the latter locality reached a height of 102° on the 22<sup>nd</sup>. Solar halos were seen at Oxford and Hurst Castle and on the evening of the 22<sup>nd</sup> a thunderstorm occurred in the SE. Rain fell in the extreme N. of Scotland on the 17<sup>th</sup> and 18<sup>th</sup>.

JULY 16<sup>th</sup> Over the greater part of these Islands and France the general conditions were the same as those which prevailed during the end of the previous week, for though the barometer had fallen somewhat generally a large anticyclone still lay over those countries and very light breezes and clear weather prevailed. In the N. however a change had occurred. Over the Gulf of Bothnia there was a large depression and strong N<sup>ly</sup> to NW<sup>ly</sup> winds prevailed at all the Scandinavian and Danish stations while in the NW. of Scotland the mercury was falling briskly and the wind was S<sup>ly</sup>. Temperature had risen somewhat except in the SE. and was above 70° in most parts of England, which increases to over 90° at all our central stations during the day, the max. being 94° at Nottingham. In the evening the depression from the N. of Scotland had travelled SE<sup>ward</sup> and lay off the coast of Aberdeenshire.

JULY 17<sup>th</sup> The large depression still lay over the N. of Sweden but the smaller one had continued to advance S<sup>ward</sup> and lay between the coasts of Norfolk and Holland. The barometer was consequently still falling over Norway and also at our SE<sup>ro</sup> stations but in the N. and N. of our Islands it was rising and the area of highest pressure was found to the NW. of Ireland. The wind was variable in direction in the S. but was NW<sup>ly</sup> on the E<sup>ro</sup> shores of the North Sea, N<sup>ly</sup> (NW<sup>ly</sup> to NE<sup>ly</sup>) at our more N<sup>ro</sup> stations and SW<sup>ly</sup> in the Netherlands. It was moderate in force generally. Temperature showed very little change except in the NW. where the N<sup>ly</sup> wind had caused a fall of several degrees. The sky continued clear except in the N. In the course of the day the depression in Sweden moved S<sup>ward</sup> and gradients became steep over Denmark though readings continued very uniform over us.

JULY 18<sup>th</sup> The small depression in the SE. had disappeared, that over Sweden had moved away SE<sup>ward</sup> and while gradients had become slight over Scandinavia over England, Ireland and France readings were remarkably uniform. In Scotland however the barometer had fallen rather briskly and SW<sup>ly</sup> winds with rain had appeared. In Norway and Sweden fresh NW<sup>ly</sup> breezes continued, but in England and Ireland the wind had shifted to the NW<sup>ly</sup> and in France it was light from the E<sup>ro</sup>. Temperature had fallen generally the change amounting to 10° in the SE. of England and during the day the thermometer did not rise above 80° at any of our stations. The weather continued clear over England and France but was cloudy elsewhere. Later Reports showed a general fall of the barometer over N<sup>ro</sup> Europe but the decrease being much greater in the NE. than in the S. gradients became steep on our E. coast and strong NW<sup>ly</sup> winds were experienced with some rain in the N.



JULY 19<sup>th</sup> The brisk fall of the mercury noticed in the N. of Scotland on the previous day was caused by a small depression which travelled quickly E<sup>ward</sup> during the night and at 8 am. was found over the Sound. The highest pressures lay at the same time to the W<sup>ard</sup> of the British Isles and NW<sup>ly</sup> to NE<sup>ly</sup> breezes prevailed generally except in the neighbourhood of the above mentioned secondary depression where a separate circulation existed. On nearly all coasts it was fresh in force and in the S. of Norway blew strongly. The thermometer was rather higher in most places and again rose above 80° over Central England. The weather continued fine in the S. but was cloudy in the N. During the day very little change took place beyond a rise of the barometer in the E. as the small depression moved away.

JULY 20<sup>th</sup> The small depression over Denmark had disappeared and a general rise of the barometer had taken place. This recovery had been much greater in the E. than in the W. so that gradients had become slight again over Scandinavia while over the British Isles and N. of France a large area of high pressure was shown. Light and variable winds were consequently reported from our stations but fresh breezes from NW. were still reported from Norway. Temperature had decreased generally but rose to over 80° in many parts of the country during the day and to 90° in the S.W. of France. The weather continued dry everywhere and in most places the sky was clear. A slight fall of the barometer had appeared at Valentia which spread to all our stations during the day.

JULY 21<sup>st</sup> The mercury still rose to the E<sup>ward</sup> of the North Sea but in these Islands and particularly in the N. the barometer was falling. The area of highest pressure lay over the SE. of England but readings were remarkably uniform over W<sup>est</sup> Europe. The wind which was very light in force was E<sup>ly</sup> over France, SE<sup>ly</sup> in Ireland, NW<sup>ly</sup> in Norway and Denmark and variable elsewhere. Temperature had again fallen slightly except in France but the maximum readings over Central England were again 80° and 90° in the S.W. of France. The weather continued very dry and in most places very fine. Later Reports showed a further fall of the barometer over these Islands and slight rise in Norway.

JULY 22<sup>nd</sup> The mercury still rose over the Baltic but the decrease was general elsewhere. It had been greatest in the S. of France and slight gradients for E<sup>ly</sup> winds had appeared over that country, but in all other places readings continued very uniform, though a small depression lay over the Skager Rack. A fresh W<sup>ly</sup> breeze was reported from Denmark but on all other coasts the wind was light in force and variable in direction except in France where it was E<sup>ly</sup>. Temperature had fallen several degrees in the S. and W. of France but had changed rather irregularly elsewhere. In the course of the day, however, it reached 102° F at Rochefort and 90° over Central England. The weather was cloudy in the N. and N. and during the evening the cloudy weather extended SE<sup>ward</sup> and the barometer fell rather briskly in the S. of France. —





# DAILY WEATHER REPORT *July 23<sup>rd</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 890 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.89	60	NW	2	b	30.04	-20	61	58	+1	NNW	2	6	*	*	*	—		
Hernösand ...	30.02	59	Z	0	c	30.05	+01	62	57	+3	Z	0	6	*	*	*	—		
Stockholm ...	30.04	60	SE	2	b	30.08	+05	68	58	+4	Z	0	6	*	*	*	—		
Wisby ...	30.07	62	E	2	b	30.14	+08	66	60	-2	SSE	4	6c	*	*	*	—		
Christiansund ...	30.01	54	NNE	1	b	29.93	-11	57	53	+4	WSW	1	6c	1	57	45	—		
Skudesnaes ...	29.99	54	Z	0	b	29.95	+11	58	54	0	ESE	2	c	2	59	54	—		
Oxö (Xiansand) ...	29.97	59	SW	7	b	29.99	+02	58	56	-2	WSW	4	c	3	63	54	—		
Skagen (The Scaw) ...	30.01	58	W	3	bc	30.03	+06	59	55	-4	WSW	3	c	1	68	54	—		
Fanö ...	30.07	54	Z	0	b	30.04	-10	63	60	+5	SE	4	c	*	66	52	—		
Cuxhaven ...	30.18	*	*	*	*	30.00	-18	64	62	?	SE	2	b	*	64	9	—		
Sumburgh Head ...																			
Stornoway ...	29.99	58	NNW	1	c	30.07	+09	56	54	-2	W	1	c	1	61	46	0.03		
Thurso ...	29.93	54	NNW	1	c	30.04	+07	53	51	-4	NNW	2	c	2	59	50	0.64		
Wick ...	29.93	54	NW	3	z	30.04	+06	54	52	-1	NNW	4	c	3	56	50	0.37		
Nairn ...	29.96	57	SW	1	c	30.06	+09	56	53	-1	SW	1	c	1	68	60	0.59		
Aberdeen ...	29.90	59	NW	1	c	30.03	+03	56	53	-1	NNW	1	c	1	63	53	0.68		
Leith ...	29.93	65	W	2	bc	30.05	+05	58	56	0	E	3	c	*	69	53	0.39		
Shields ...	29.93	63	N	3	c	30.00	+02	54	54	-6	N	3	c	2	76	54	0.01		
York ...	29.94	72	NW	1	c	29.96	-08	60	56	-1	N	2	c	*	82	56	—		
Scarborough ...	29.93	72	S	3	c	29.93	-09	60	59	-7	NNW	4	c	4	77	59	0.37		
Nottingham ...	29.95	69	Z	0	c	29.98	-08	65	58	-6	NW	3	b	*	87	59	0.36		
Ardrossan ...	30.00	62	W	2	c	30.02	+04	59	55	-2	NW	3	bc	2	65	54	0.04		
Greencastle ...	30.00	56	NW	3	c	30.09	+08	57	53	-2	N	2	c	*	66	49	0.04		
Donaghadee ...	30.01	60	NNE	4	c	30.06	+06	59	55	-1	N	4	bc	3	65	53	—		
Kingstown ...	30.04	66	ESE	2	c	30.10	+07	56	52	-10	NW	4	bc	3	68	53	—		
Holyhead ...	30.02	60	N	2	c	30.05	+02	57	54	-5	NNW	5	bc	4	67	55	—		
Liverpool (Belton) ...																			
Valencia ...	?	63	N	3	bc	30.15	+06	56	52	-4	NE	2	c	2	66	52	—		
Roche's Point ...	30.08	68	N	4	bc	30.12	+08	62	56	-4	N	4	bc	3	75	53	—		
Pembroke ...	29.98	70	NW	2	bc	30.06	00	58	54	-6	N	4	bc	2	75	54	—		
Portishead ...	29.94	76	W	1	c	29.97	-09	66	61	-2	NNW	4	c	3	84	60	—		
Scilly ...	30.00	66	Z	0	c	30.03	-02	62	61	-6	NE	6	bc	4	74	61	—		
Plymouth ...	29.97	70	SSW	1	c	29.97	-08	67	62	-3	N	3	b	*	77	63	—		
Hurst Castle ...	29.96	71	S	1	b	29.92	-14	65	61	-3	N	4	c	3	74	63	—		
Dover ...	29.98	68	E	1	b	29.87	-22	67	61	-2	NNW	2	bc	0	72	61	—		
London ...	29.95	81	S	1	b	29.93	-15	63	60	-5	NNW	2	c	*	90	62	—		
Oxford ...	*	*	*	*	*	29.94	-10	6	57	-9	NW	2	c	*	86	60	—		
Cambridge ...	29.98	81	SSE	1	c	29.93	-14	60	60	-9	N	1	z	*	88	60	0.04		
Yarmouth ...	29.98	65	SSE	2	b	29.85	-26	63	61	0	ENE	4	bc	3	67	62	—		
The Helder ...	*	*	*	*	*									*	*	*	—		
Cape Gris Nez ...	29.99	68	NE	2	b	29.91	-20	70	64	0	S	1	c	0	75	64	—		
Brest ...	?	74	NNE	3	c	?	?	70	64	-2	NE	3	bc	2	81	59	—		
L'Orient ...	?	75	NE	3	c	?	?	68	63	-2	SW	4	b	3	88	64	—		
Rochefort ...	29.82	81	NE	3	c	29.87	-06	72	70	0	SW	4	c	3	100	61	—		
Biarritz ...	29.75	84	ENE	2	c	29.96	+09	70	64	-3	WSW	1	b	3	95	64	—		
Corunna ...	*	*	*	*	*	30.00	+05	73	*	-5	Z	0	c	1	*	*	*		
Brussels ...	*	*	*	*	*	29.90	-28	70	*	+2	SSE	3	bc	*	*	*	*		
Charleville ...	*	*	*	*	*	29.86	-16	66	*	+4	SSE	1	bc	*	*	*	*		
Paris ...	29.95	82	E	3	b	29.89	-20	72	*	-1	W	3	b	*	*	*	?		
Lyons ...	*	*	*	*	*	?	?	73	*	+3	SE	2	b	*	*	*	*		
Toulon ...	30.05	75	ESE	3	m	30.09	+07	68	66	-2	ESE	3		3	81	?	—		

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.00	60	52	NNW	4	c	2	Valencia .....	30.08	65	58	NNW	3	bc	3
Thurso .....	29.94	54	54	NNW	1	c	1	Scilly .....	30.03	71	68	Z	0	b	1
Scarborough ...	29.93	65	62	SSE	2	c	2	London .....	29.99	80	66	SSE	1	b	*
Greencastle ...	30.02	65	59	NW	3	b	*	Rochefort ...	29.89	100	81	E	2	b	1
Holyhead .....	30.03	64	61	NNW	1	c	0								

The barometer has fallen nearly a tenth of an inch in the E. of England, but no other change worth notice is reported.

## EXPLANATION OF COLUMNS.

**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.

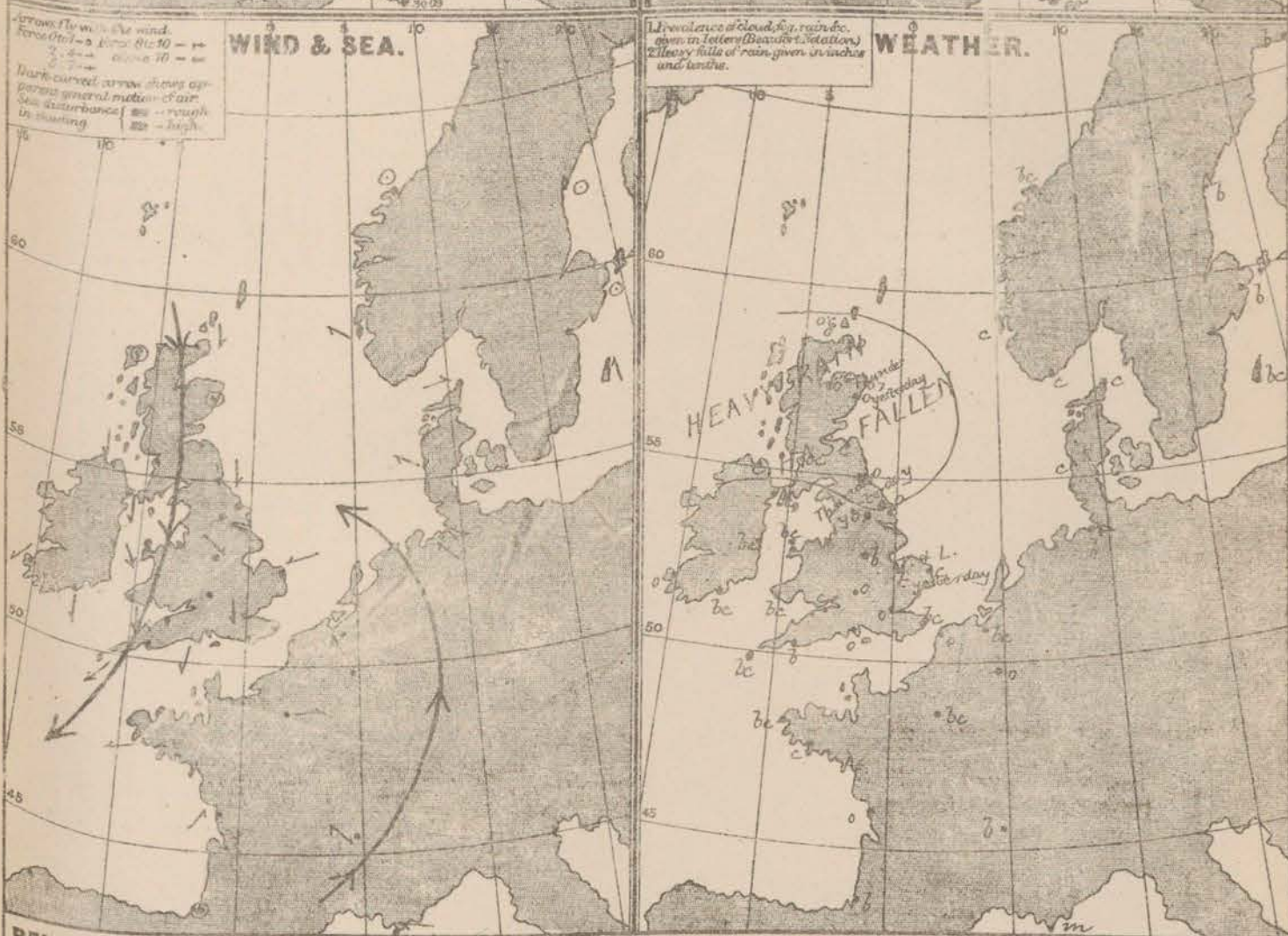
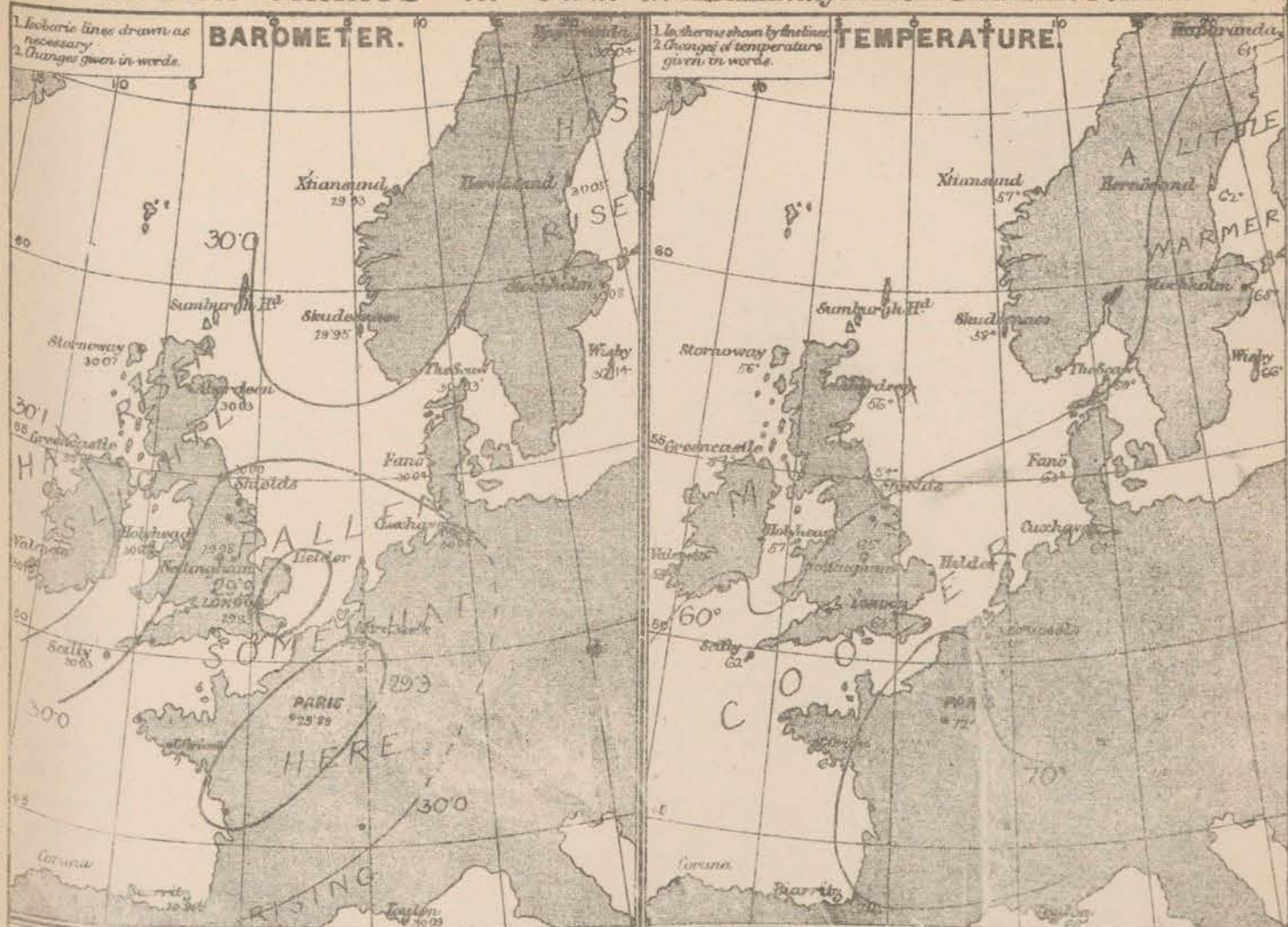
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 3 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



**WEATHER CHARTS** for 8 a.m. on Sunday 23<sup>rd</sup> JULY 1876



**REMARKS** During the past 24 hours the barometer has continued to rise slowly over Sweden, and readings at the Scandinavian stations are therefore still very uniform. Pressure has also risen a little in the west and north of our Islands since last evening but in the east and south as well as over France a decrease has been in progress and two shallow depressions are now found within our area;—one lying over Central France, and the other over the southeast coast of England. The winds in the neighbourhood of these disturbances are very variable but to the W<sup>nd</sup> and NW<sup>nd</sup> of them i.e. over the British Islands generally N<sup>th</sup> or NE<sup>th</sup> breezes of moderate strength have set in. Thunderstorms occurred in many parts of England yesterday; and temp. which again reached a high maximum during the early part of the day has now fallen several degrees at nearly all stations. The weather in the west of France has been extremely hot, the thermometer in the shade rising to 100° Fah. at Rochefort and 95° F. at Biscarosse yesterday. The sky is now very cloudy at our stations but clear on the Continent. The sea is slight or smooth generally.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10¢ per quarter, book post 5¢ per quarter.

*Meteorological Office,  
116, Victoria Street, Westminster, S.W.*

**R. H. SCOTT.**  
Director.

Director.



# DAILY WEATHER REPORT *July 24<sup>th</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		THERMOMETER.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12.)		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12.)			Max.	Min.		
Haparanda ...	30.05	60	S	2	bc	29.98	-.06	60	57	-1	S	2	o	*	*	*	-	
Hernösand ...	30.03	60	SSW	4	b	29.97	-.08	61	57	-1	SSW	2	b	*	*	*	-	
Stockholm ...	30.05	62	S	2	b	30.02	-.06	70	60	+2	Z	0	b	*	*	*	-	
Wisby ...	30.10	63	W	2	b	30.05	-.09	66	58	0	ESE	4	b	*	*	*	-	
Christiansund ...	29.98	56	SW	1	b	29.89	-.09	57	54	0	SE	1	c	1	57	50	-	
Skudesnaes ...	30.02	57	Z	0	bc	30.00	+.05	58	56	0	WSW	2	o	2	63	57	-	
Oslo (Kjelleren) ...	30.02	62	SW	2	c	30.00	+.01	61	58	+3	NE	2	b	1	66	55	-	
Skagen (The New) ...	30.04	63	S	2	b	30.00	-.03	65	63	+6	Z	0	b	0	75	52	-	
Fanø ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Oxhøven ...	29.99	*	*	*	*	29.89	-.11	67	63	+3	SE	2	b	*	86	?	-	
Sumburgh Head ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Stornoway ...	30.06	59	W	2	bc	30.05	+.02	55	54	-1	W	4	d	4	60	52	0.02	
Thurso ...	30.04	57	Z	0	c	30.01	-.03	58	56	+5	SW	1	o	1	62	48	0.01	
Wick ...	30.05	56	SW	1	bc	30.02	+.02	56	54	+2	SW	1	o	0	62	50	-	
Nairn ...	30.05	61	SW	1	b	30.06	+.00	56	53	0	WSW	3	o	2	63	50	-	
Aberdeen ...	30.04	57	ENE	1	b	30.05	+.02	56	53	-0	Z	0	c	1	62	46	-	
Leith ...	30.05	59	E	3	b	30.10	+.05	61	56	+3	W	3	bc	*	67	47	-	
Shields ...	30.04	54	NNE	4	z	30.10	+.10	58	53	+4	NE	1	bc	2	58	53	0.65	
York ...	29.97	60	N	1	o	30.07	+.11	57	55	-3	N	1	o	*	63	55	0.01	
Scarborough ...	29.95	59	NNW	4	m	30.06	+.13	58	56	-2	N	4	o	4	74	56	0.01	
Nottingham ...	29.99	61	NNW	4	bc	30.07	+.09	58	57	-1	NNW	3	o	*	73	55	-	
Ardrossan ...	30.05	64	NW	4	b	30.15	+.13	58	54	+1	WNW	3	c	2	65	57	-	
Greenock ...	30.13	55	N	1	bc	30.15	+.06	58	55	+1	W	2	o	*	62	49	-	
Douglas ...	30.02	59	N	5	b	30.17	+.11	58	55	+1	WNW	3	o	2	64	49	-	
Kingstown ...	30.10	62	N	4	b	30.22	+.12	56	52	-0	WNW	4	b	3	62	53	-	
Holyhead ...	30.06	59	NNW	5	b	30.17	+.12	56	53	-1	NNW	4	b	3	60	54	-	
Liverpool (Biston) ...	30.00	64	NNE	3	c	30.10	...	65	57	...	WNW	2	bc	2	68	57	0.01	
Valencia ...	30.17	58	NNW	2	o	30.28	+.13	58	53	+2	N	2	c	2	61	54	-	
Roche's Point ...	30.11	62	N	4	bc	30.23	+.11	58	53	-4	N	4	b	3	69	54	-	
Pembroke ...	30.07	62	N	4	b	30.17	+.11	58	54	-6	NNW	4	b	1	63	53	-	
Portished ...	29.94	72	NNW	2	bc	30.07	+.10	63	60	-5	WNW	3	c	3	77	55	-	
Scilly ...	30.07	60	NNE	5	c	30.19	+.16	62	60	-2	NE	4	c	3	63	58	-	
Plymouth ...	29.98	66	NNW	3	bc	30.10	+.10	64	59	-5	N	4	b	*	76	55	-	
Hurst Castle ...	29.90	74	N	2	b	30.02	+.10	62	58	-3	N	3	c	3	76	52	-	
Dover ...	29.88	67	NNW	2	c	29.83	+.05	61	58	-6	N	4	c	2	76	60	0.02	
London ...	29.92	69	NNE	2	bc	29.99	+.07	60	57	-3	NW	3	o	*	72	56	0.01	
Oxford ...	...	...	...	...	...	30.01	+.07	60	56	-1	NW	3	o	*	73	55	-	
Cambridge ...	29.93	64	NE	1	c	29.99	+.06	59	58	-1	N	2	o	*	69	55	0.23	
Yarmouth ...	29.90	63	NNW	2	bc	29.91	+.06	61	60	-2	NNW	3	c	3	64	57	0.55	
The Helder ...	...	...	...	...	...	29.85	-	68	66	-	NW	2	b	*	*	*	-	
Cape Gris Nez ...	29.89	64	ENE	2	bc	29.94	+.05	61	59	-9	NNW	2	o	2	72	59	-	
Brest ...	?	79	NNE	4	b	?	?	61	57	-9	NNE	3	c	3	72	54	-	
L'Orient ...	?	75	NE	4	c	?	?	63	61	-5	N	3	b	2	86	55	-	
Rocheport ...	29.95	72	SW	3	c	29.99	+.12	70	68	-2	WSW	3	o	3	97	64	-	
Biarritz ...	30.01	75	WSW	2	m	30.10	+.14	72	63	+2	SW	1	b	3	75	64	-	
Corunna ...	...	...	...	...	...	30.13	+.13	73	...	0	Z	0	m	1	...	...	...	
Brussels ...	...	...	...	...	...	29.89	-.01	66	...	-4	SW	?	o	...	...	...	...	
Charleville ...	...	...	...	...	...	?	?	61	...	-5	?	1	o	...	...	...	...	
Paris ...	29.84	82	NE	4	bc	29.94	+.05	63	...	-9	NW	4	o	...	...	...	?	
Lyon ...	...	...	...	...	...	?	?	75	...	+2	SE	2	c	...	...	...	...	
Toulon ...	30.08	79	SE	1	m	30.08	+.06	75	68	+5	SW	1	b	2	82	68	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	?	63	58	SSW	1 of 3	Valencia ...					
Thurso ...						Scilly ...					
Scarborough ...						London ...					*
Greenock ...						Rocheport ...	29.93	73	68	SW	4 o 3
Holyhead ...											

## EXPLANATION OF COLUMNS.

**WEATHER.**—*Barometer* Sails in, b. blue sky; a. 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.

† The evening observations are taken at 8 p.m. in our Islands, at 3 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "van" when its direction changes with the sea, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Monday 24<sup>th</sup> JULY 1876

1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## TEMPERATURE.



Arrows fly with the wind.  
Force 0 to 5 Force 6 to 10 — —  
2, 4, 6 — above 10 — —  
5, 7 — —  
Dark curved arrow shows apparent general motion of air.  
Sea & rain — rough — high.

## WIND & SEA.



1. Prevalence of clouding, rain, &c. given in letters (Baudin's notation).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS** Since Saturday considerable alteration has taken place in the distribution of pressures. The area of highest readings was yesterday formed over our western stations, and two shallow depressions had advanced;—one over the north of France, the other over the south east of England, so that fine dry weather was experienced over the north and west of the United Kingdom, in the SE cloudy skies, rain and thunder storms prevailed. The recovery of pressure still holds at the western stations this morning and has even extended to the SE of England also but a large shallow depression is shown over North Germany, the Netherlands and the north of France. The wind is consequently N<sup>W</sup> (N<sup>W</sup> to NE<sup>W</sup>) on most of our coasts, and as gradients are rather steeper than of late, it is moderate to fresh in force generally. In the S of France the breeze prevails while over Scandinavia where readings are very uniform light variable airs are reported. Temperature has fallen somewhat and the maximum readings during yesterday were much lower than of late, not exceeding 50° at any of our stations. Heavy rain has fallen at Shields and Harwich, and the sky this morning is cloudy or overcast generally. The dew is moderate at Portsmouth; slight or smooth elsewhere.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.  
**R. H. SCOTT.**  
Director.



# DAILY WEATHER REPORT *July 25<sup>th</sup>* 1876.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.93	61	S	2	o	29.81	-.17	64	58	+4	S	2	6	*	*	*	-	
Hernösand ...	29.84	59	Z	0	6	29.75	-.22	63	58	+2	WNW	2	6	*	*	*	-	
Stockholm ...	29.89	64	S	2	a	29.81	-.21	67	55	-3	S	2	6	*	*	*	-	
Wisby ...	29.94	64	E	2	6	29.89	-.16	69	59	+3	E	4	6	*	*	*	-	
Christiansund ...	29.92	54	W	6	o	29.91	+0.02	56	?	-1	WSW	6	6c	4	?	48	-	
Skudesnaes ...	20.02	54	WNW	4	o	30.05	+0.05	54	50	-1	NW	6	c	2	59	?	-	
Oxö (Klansand) ...	29.89	63	SSW	4	e	29.89	-.11	63	59	+2	WNW	5	o	3	70	54	-	
Skagen (The Scaw) ...	29.92	62	W	2	6	29.84	-.16	65	62	.0	NW	4	6	2	81	55	-	
Fanö ...	29.94	64	NNW	2	6	30.00		61	58		NNW	6	6c	*	82	57	-	
Cuxhaven ...	29.92	*	*	*	*	29.99	+0.10	65	61	-2	N	4	6	*	?	61	-	
Sumburgh Head																		
Stornoway	30.15	59	WNW	4	6	30.06	+0.01	55	53	0	SW	4	o	4	61	50	-	
Thurso ...	30.11	54	WNW	4	6c	30.06	+0.05	54	50	-4	SSW	1	o	2	62	47	0.01	
Wick ...	30.12	56	NN	4	o	30.05	+0.03	57	51	+1	SW	4	c	2	62	46	-	
Nairn ...	30.17	64	WSW	1	6	30.12	+0.06	54	50	-2	WSW	1	c	1	70	51	-	
Aberdeen ...	30.10	61	SSE	1	c	30.09	+0.04	60	56	+4	SSW	1	c	0	66	49	-	
Leith ...	30.11	68	NNW	3	6c	30.15	+0.05	58	52	-5	W	3	6c	*	75	48	-	
Shields ...	30.12	57	E	3	6	30.18	+0.08	61	55	+3	NW	1	6	0	63	53	-	
York ...	30.10	71	NE	1	6	30.19	+0.12	62	59	+5	N	2	6	*	75	52	-	
Scarborough ...	30.12	58	NE	1	6	30.17	+0.11	64	60	+6	S	1	6c	1	68	56	-	
Nottingham ...	30.14	72	NNW	3	6	30.20	+0.13	68	63	+10	NNW	2	6c	*	73	52	-	
Ardrossan ...	30.18	62	WNW	3	6	30.20	+0.05	56	51	-2	WNW	2	c	2	65	52	-	
Greencastle ...	30.24	59	N	2	6	30.21	+0.06	55	52	-3	SW	2	c	*	63	43	-	
Donaghadee ...	30.21	59	NNE	2	c	30.22	+0.05	55	53	-3	W	2	6	1	64	46	-	
Kingstown ...	30.24	64	SSE	1	o	30.28	+0.06	57	53	+1	W	4	6	3	67	55	-	
Holyhead ...	30.21	61	NW	2	o	30.25	+0.08	58	54	+2	NW	2	6c	1	64	55	-	
Liverpool (Bidston) ...	30.18	54	WNW	4	6	30.20	+0.13	60	54	-5	WNW	2	c	2	65	54	-	
Valencia ...	30.32	62	NW	3	6c	30.31	+0.03	61	59	+3	W	1	o	1	65	57	-	
Roche's Point... ..	30.27	69	N	3	6c	30.30	+0.07	64	60	+6	N	2	c	2	76	58	-	
Pembroke ...	30.22	63	NW	1	6	30.25	+0.08	63	59	+5	N	1	6	1	66	57	-	
Portishead ...	30.14	71	N	2	6	30.22	+0.15	66	63	+3	NW	2	c	1	83	56	-	
Scilly ...	30.26	61	NNW	4	6	30.27	+0.08	64	64	+2	Z	0	6c	2	64	59	-	
Plymouth ...	30.16	69	N	4	6	30.25	+0.15	66	62	+2	NW	1	6	*	74	56	-	
Hurst Castle ...	30.07	73	NNE	3	c	30.20	+0.18	65	62	+3	NE	2	6	2	76	52	-	
Dover ...	30.00	62	N	4	o	30.14	+0.26	65	59	+4	N	4	6	2	69	58	0.04	
London ...	30.07	69	NNE	2	o	30.19	+0.20	62	57	+2	NNW	1	6	*	69	57	-	
Oxford ...	*	*	*	*	*	30.20	+0.19	62	58	+2	NW	1	6	*	74	55	-	
Cambridge ...	30.09	64	N	2	6c	30.20	+0.21	60	58	+1	NNW	1	6c	*	69	50	0.04	
Yarmouth ...	30.02	60	NNW	4	o	30.16	+0.25	61	59	0	NNW	3	6c	3	62	57	0.24	
The Helder... ..	*	*	*	*	*	30.08	+0.23	64	61	-4	N	5	6c	*	*	*	-	
Cape Gris Nez	30.00	61	NNW	3	2	30.16	+0.22	61	59	0	NNE	3	6c	3	64	59	0.24	
Brest ...	?	73	N	3	6	?	?	64	61	+3	NNE	3	6	3	?	54	-	
L'Orient ...	?	70	N	4	6	?	?	64	59	+1	NE	2	6	2	75	57	-	
Rochefort ...	30.06	72	NNW	5	6	30.18	+0.19	64	63	-6	N	4	6	3	90	64	-	
Biarritz ...	30.12	75	W	2	m	30.20	+0.10	68	64	-4	SSW	2	6c	3	?	63	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.03	+0.11	66	*	0	NNE	3	2	*	*	*	*	
Charleville ...	*	*	*	*	*	29.93	?	62	*	+1	NNW	3	o	*	*	*	*	
Paris ...	30.00	61	NW	2	2	30.11	+0.17	61	*	-2	N	3	2	*	*	*	?	
Lyons ...	*	*	*	*	*	?	?	70	*	-5	NW	1	c	*	*	*	*	
Toulon ...	30.08	73	W	3	m	29.92	-.16	70	59	-5	NW	6	m	4	81	?	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.01	59	56	WNW	5	c	3	Valencia .....							
Thurso .....	30.07	59	54	WNW	3	c	3	Seilly .....	30.24	61	58	N	4	6	2
Scarborough ...	30.11	59	56	N	4	6c	4	London .....	30.08	64	61	NW	3	o	*
Greencastle ...	30.19	62	59	N	2	o	*	Rochefort ...	30.05	72	66	NW	4	6	3
Holyhead .....	30.20	60	55	NW	2	6c	2								

*The barometer has continued to rise slowly and uniformly over the whole country but no other change is reported.*

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sea, and to "back" when it shifts in the opposite direction.



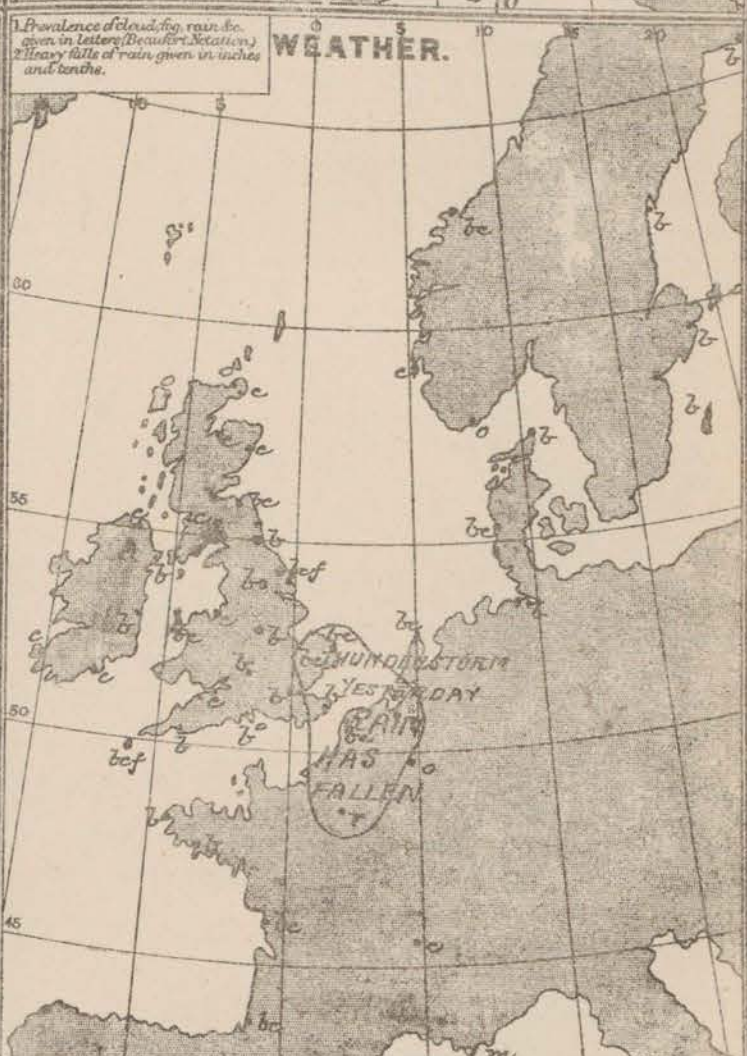
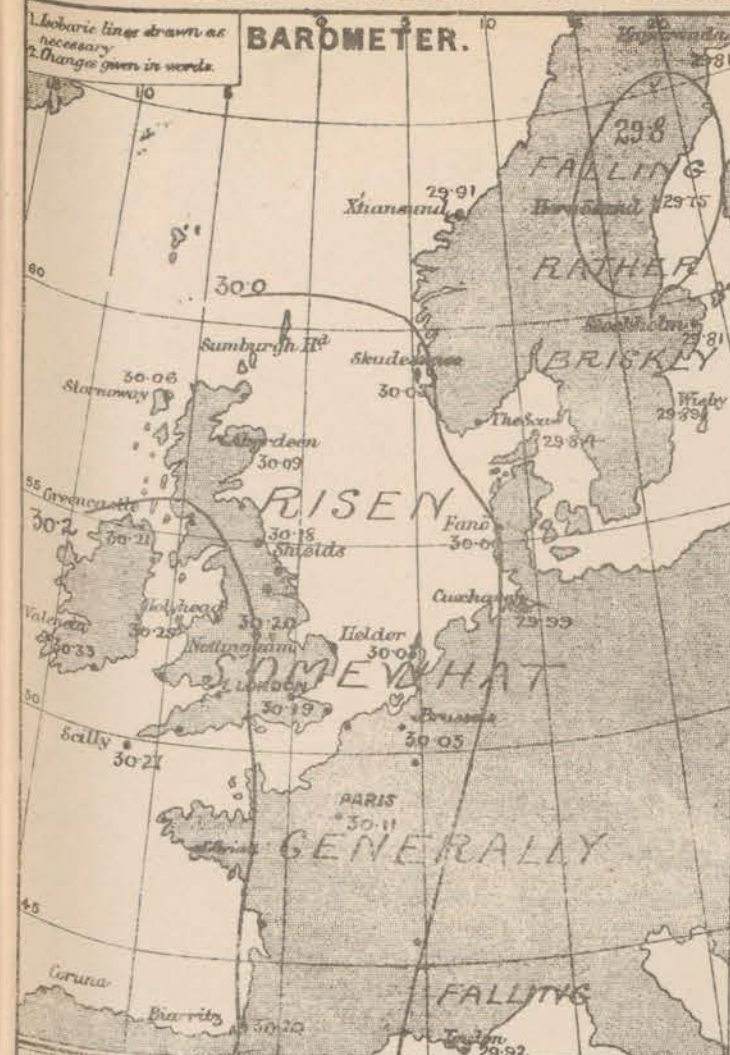
# WEATHER CHARTS for 8 a.m. on Tuesday JULY 25<sup>th</sup> 1876

1. Isobaric lines drawn as necessary  
2. Changes given in words

## BAROMETER.

1. Isotherms shown by dashed lines  
2. Changes of temperature given in words

## TEMPERATURE.



**REMARKS.** The large depression which lay over N. Germany, and the Netherlands yesterday has moved away and the recovery of pressure, which was in progress at our W. stations has extended to all parts of our Islands, and the W. and N. of France. Over Bordeaux, however, a depression is shown this morning, and the barometer there is falling briskly, so that the lowest pressures are now found over that country, and gusts are more for W. winds, over these Islands, but continue for N. winds over France. The wind has consequently backed somewhat on our coasts, and is still N. over France, but in Scotland, where a decrease of pressure has taken place during the night W. breezes have appeared, while over Scandinavia the wind is governed by the disturbance which is above. Excepting the E. shore of the North Sea it is very light and fresh. The sky continues cloudy in Scotland, and has become so in France, and in the Channel. Temperature has either fallen or remained steady, but elsewhere the sky has cleared, and a general advance to cover delivery. Delivery by hand 10/- per quarter, book post 3/- per quarter.

Meteorological Office, R. H. SCOTT, Director.  
116, Victoria Street, Westminster, S.W.



# DAILY WEATHER REPORT *July 26<sup>th</sup>* 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...														*	*	*		
Hernösand ...														*	*	*		
Stockholm ...														*	*	*		
Wisby ...														*	*	*		
Christiansund ...	29.78	54	SW	2	5	29.61	-.30	55	49	-1	S	1	bc	5	?	48	-	
Skudesnaes ...	29.94	55	W	4	5	29.77	-.28	60	55	+3	S	2	c	2	?	55	-	
Oxö (Ktiansund) ...	29.86	60	WSW	5	bc	29.82	-.07	55	52	-3	SW	4	bc	3	73	52	-	
Skagen (The Scaw) ...	29.79	60	WNW	5	a	29.80	-.04	60	55	-5	WNW	4	c	4	73	54	-	
Fanö ...	30.02	57	WNW	2	bc	29.91	-.09	64	62	+3	WSW	6	c	*	66	55	-	
Cuxhaven ...	30.12	*	*	*	*	30.03	+.04	62	59	-3	SW	2	bc	*	?	?	-	
Sumburgh Head																		
Stornoway	29.92	59	W	4	bc	29.75	-.31	55	53	0	W	5	bc	4	60	45	0.01	
Thurso ...	29.89	55	SW	4	bc	29.72	-.34	56	51	+2	WNW	5	c	4	64	45	0.01	
Wick ...	29.89	56	W	3	bc	29.73	-.32	55	57	-2	SSW	3	bc	3	59	45	-	
Nairn ...	29.95	56	WSW	1	a	29.80	-.32	57	52	+3	WSW	3	bc	2	61	48	0.04	
Aberdeen ...	29.99	56	Z	0	a	29.80	-.29	59	52	-1	W	1	bc	0	63	55	0.07	
Leith ...	30.03	61	W	4	c	29.86	-.29	56	54	0	W	3	bc	*	67	54	0.15	
Shields ...	30.07	69	WNW	4	c	29.89	-.29	59	58	-2	NNW	1	bc	0	71	58	0.14	
York ...	30.11	70	W	3	bc	29.94	-.25	64	62	+2	WNW	3	c	*	78	59	-	
Scarborough ...	30.08	69	WSW	2	c	29.90	-.24	62	61	-2	WSW	2	bc	2	74	59	0.01	
Nottingham ...														*				
Ardrossan ...	30.10	54	SSW	3	a	29.91	-.29	57	54	+1	WNW	2	c	2	62	55	0.27	
Greencastle ...	29.99	62	WSW	3	a	29.90	-.31	55	53	0	WSW	2	bc	*	64	50	0.41	
Donaghadee ...	30.05	66	SSW	4	a	29.93	-.29	56	56	+1	SSE	3	a	2	68	54	0.27	
Kingstown ...	30.15	69	W	4	c	29.97	-.31	63	61	+6	W	4	a	3	70	56	0.03	
Holyhead ...	30.16	64	SSW	4	bc	29.98	-.27	60	59	+2	SW	3	a	2	67	57	-	
Liverpool (Bidston) ...	30.15	65	WSW	1	bc	29.96	-.27	63	60	+3	WSW	4	c	2	67	59	-	
Valencia ...	30.24	60	WSW	3	a	30.06	-.25	61	60	0	SW	4	bc	3	65	58	0.05	
Roche's Point ...	30.24	68	W	4	c	30.07	-.23	63	59	-1	WSW	4	c	4	74	58	-	
Pembroke ...	30.23	63	WNW	1	bc	30.09	-.16	60	59	-3	WSW	3	c	3	65	58	-	
Portishead ...	30.16	70	W	3	bc	30.10	-.12	62	62	-4	WSW	4	c	3	75	59	-	
Seilly ...	30.29	63	NNW	3	a	30.19	-.08	60	60	-4	WSW	3	c	3	69	59	-	
Plymouth ...	30.21	71	NW	2	bc	30.16	-.09	64	61	-2	WNW	1	c	*	81	63	-	
Hurst Castle ...	30.15	69	W	4	bc	30.11	-.09	64	62	-1	W	3	bc	3	72	56	-	
Dover ...	30.17	63	ENE	3	bc	30.08	-.06	66	63	+1	WSW	3	bc	2	70	60	-	
London ...	30.13	78	W	1	bc	30.09	-.10	64	59	+2	SW	2	bc	*	85	54	-	
Oxford ...	*	*	*	*	*	30.05	-.15	64	61	+2	SW	1	bc	*	81	55	-	
Cambridge ...	30.12	71	W	1	bc	30.08	-.12	70	62	+10	SW	2	bc	*	81	57	-	
Yarmouth ...	30.14	63	ESE	2	bc	30.02	-.14	62	58	+1	W	2	bc	2	66	56	-	
The Helder ...	*	*	*	*	*	30.02	-.06	64	61	0	SSW	3	bc	*	*	*	-	
Cape Gris Nez	30.16	64	NE	1	bc	30.09	-.07	64	63	+3	SW	3	bc	2	70	59	-	
Brest ...	?	75	N	2	bc	?	?	61	59	-3	Z	0	c	1	?	57	-	
L'Orient ...	?	74	NW	3	bc	?	?	61	59	-3	NE	2	bc	1	74	54	-	
Rochefort ...	30.13	73	NW	4	bc	30.13	-.05	73	68	+9	SE	2	bc	3	88	59	-	
Biarritz ...	30.15	75	NNW	2	bc	30.13	-.07	68	64	0	ESE	1	bc	3	?	63	-	
Corunna ...	*	*	*	*	*			*	*	*				*	*	*		
Brussels ...	*	*	*	*	*	30.09	+.06	66	*	0	SW	3	bc	*	*	*		
Charleville ...	*	*	*	*	*	30.04	-.11	64	*	+2	N	3	c	*	*	*		
Paris ...	30.14	61	ENE	3	c	30.17	+.06	68	*	+7	NW	1	bc	*	*	*	?	
Lyons ...	*	*	*	*	*	?	?	73	*	+3	NW	2	c	*	*	*		
Toulon ...	29.85	73	NW	6	bc	29.96	+.04	75	63	+5	WNW	1	bc	5	75	68	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.01	66	58	WNW	6	o	3	Valencia .....	30.28	61	59	WSW	3	o	2
Thurso .....	29.97	59	52	SW	4	cu	4	Seilly .....	30.28	62	65	NNW	3	bc	2
Scarborough ...	30.11	73	61	SSW	2	c	2	London .....	30.16	75	66	NW	1	c	o
Greencastle ...	30.07	61	58	SW	2	o	*	Rochefort ...	30.15	72	66	NW	5	bc	3
Holyhead .....	30.21	64	58	SSW	2	c	2								

The barometer is falling generally most in the NW. and S.W. winds prevail at all our more N. stations. The weather is overcast and threatening in the N and W.

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sea, and to "back" when it shifts in the opposite direction.







# DAILY WEATHER REPORT JULY 27<sup>th</sup> 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Therm. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12.)		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12.)			Max.	Min.		
Haparanda ...	29.48	53	N	2	bc	29.46	-16	56	51	-2	SW	2	bc	*	*	*	0.32	
Hernösand ...	29.58	55	Z	0	b	29.52	-10	58	55	+6	S	2	c	*	*	*	-	
Stockholm ...	29.66	62	WSW	4	b	29.68	+08	64	58	-5	WSW	4	o	*	*	*	-	
Wisby ...	29.78	66	W	6	c	29.82	+04	66	62	+3	W	6	o	*	*	*	-	
Christiansund ...	29.55	51	SW	4	b	29.71	+10	48	46	-7	WNW	6	n	4	?	46	-	
Skudesnaes ...	29.72	55	SSW	4	c	29.77	00	57	50	-3	NW	6	c	3	61	55	-	
Oxö (Ålön) ...	29.65	60	WSW	4	b	29.73	+11	55	50	0	WSW	2	bc	3	61	52	-	
Skagen (The Scaw)	29.75	60	SW	4	o	29.78	-07	64	60	-6	WSW	4	n	3	68	62	0.12	
Fanö ...	29.85	61	SW	2	n	29.66	-25	68	66	+4	WSW	6	bc	*	6	60	0.04	
Cuxhaven ...	29.95	*	*	*	*	29.78	-25	67	63	+5	SW	4	b	*	70	?	-	
Sumburgh Head																		
Stornoway	29.80	57	W	4	b	29.89	+14	55	53	0	W	5	bc	4	60	42	0.02	
Thurso ...	29.75	55	WNW	5	b	29.87	+15	54	50	-2	W	4	bc	3	59	44	0.02	
Wick ...	29.77	54	NW	5	bc	29.88	+15	54	50	-1	WSW	2	b	1	60	41	0.02	
Nairn ...	29.86	55	WSW	2	o	29.94	+14	55	51	-2	WSW	2	b	2	65	46	-	
Aberdeen ...	29.77	59	NE	1	c	29.91	+11	56	49	+3	NW	2	c	2	66	46	-	
Leith ...	29.76	61	NW	4	c	29.97	+11	58	52	+2	WNW	3	b	*	69	49	-	
Shields ...	29.82	59	WNW	3	n	29.98	+09	55	51	-4	N	1	c	1	65	48	0.12	
York ...	29.84	63	SW	2	n	30.03	+09	55	51	-9	NW	3	b	*	67	46	0.73	
Scarborough ...	29.82	63	SW	2	n	29.97	+04	58	54	-4	WNW	3	c	3	65	50	0.79	
Nottingham ...	29.92	71	WSW	4	o	30.02	+02	56	54	-13	WNW	5	b	*	78	49	0.16	
Ardrossan ...	29.86	57	NW	3	o	30.03	+12	55	51	-2	WNW	2	b	2	63	47	-	
Greencastle ...	29.89	58	NW	3	c	30.01	+11	56	52	+1	W	2	b	*	64	41	-	
Donaghadee ...	29.89	56	N	3	o	30.05	+12	55	53	-1	WNW	2	b	1	56	47	0.13	
Kingstown ...	29.91	59	WNW	3	n	30.10	+13	52	50	-11	WNW	4	bc	3	67	49	0.46	
Holyhead ...	29.88	58	WNW	3	n	30.07	+09	55	52	-5	NW	4	bc	3	61	52	1.93	
Liverpool (Bidston)	29.85	62	SW	5	n	30.04	+08	57	52	-6	WNW	4	b	3	64	53	1.04	
Valencia ...	29.98	58	WNW	3	n	30.14	+08	55	51	-6	E	1	c	1	65	44	0.48	
Roche's Point...	29.95	60	W	5	n	30.15	+08	53	50	-10	WNW	1	b	1	66	49	0.68	
Pembroke ...	29.92	61	SW	3	o	30.10	+01	56	52	-4	N	2	b	1	63	52	0.37	
Portishead ...	30.00	63	SW	4	c	30.06	-04	59	56	-3	NW	2	c	1	71	55	-	
Scilly ...	30.09	65	WSW	3	o	30.10	-09	61	58	+1	NE	4	b	3	70	58	0.01	
Plymouth ...	30.05	68	SW	4	b	30.09	-07	62	57	-2	N	3	b	*	74	58	-	
Hurst Castle ...	30.01	66	WSW	5	b	30.04	-07	63	60	-7	N	3	bc	3	66	59	-	
Dover ...	30.00	64	SW	4	o	29.99	-09	61	59	-5	W	3	b	2	70	56	-	
London ...	29.96	80	WSW	2	bc	30.03	-06	63	55	-1	WNW	2	b	*	53	58	-	
Oxford ...	*	*	*	*	*	30.03	-02	58	52	-6	NW	3	b	*	78	56	0.04	
Cambridge ...	29.93	74	SSW	3	b	30.03	-05	60	53	-10	NW	4	bc	*	84	55	0.03	
Yarmouth ...	29.91	74	N	2	bc	29.94	-08	60	56	-2	NW	4	bc	2	80	57	0.02	
The Helder...	*	*	*	*	*	29.86	-16	63	59	-1	NW	4	o	*	*	*	-	
Cape Gris Nez	30.04	64	SW	3	b	30.00	-09	63	61	-1	WSW	3	o	3	70	55	-	
Brest ...	?	73	WNW	3	b	?	?	63	59	+2	Z	0	b	0	?	55	-	
L'Orient ...	?	72	WNW	2	b	?	?	59	57	-2	NNE	3	c	2	79	55	-	
Roche fort ...	30.06	75	N	2	b	30.05	-08	75	68	+2	SE	2	b	1	88	61	-	
Biarritz ...	30.11	187	NNE	3	b	29.97	-16	77	72	+9	ESE	1	b	3	91	66	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*										*	*	*	
Charleville ...	*	*	*	*	*	29.94	-15	66	*	0	SW	3	c	*	*	*	*	
Paris ...		*	*	*	*	29.90	-14	69	*	+5	NW	1	c	*	*	*	*	
Lyon ...	30.05	79	SW	4	b	30.02	-15	67	*	-1	NW	3	b	*	*	*	-	
Toulon ...	*	*	*	*	*	?	?	73	*	0	NE	2	b	*	*	*	*	
	30.05	82	W	1	b	30.08	+12	82	68	+7	WSW	1	b	3	86	75	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Waa.	Sea.		Bar.	Dry.	Wet.	Wind.	Waa.	Sea.		
Skudesnaes ...	29.75	59	55	S	4	6	4	Valencia .....	29.99	62	61	WSW	3	N	2
Thurso .....	29.73	54	57	WNW	5	C	4	Seilly .....	30.14	69	65	WSW	3	C	2
Scarborough ...	29.91	60	59	ESE	1	C	1	London .....	30.02	76	65	WSW	2	6	*
Greencastle ...	29.84	60	54	NW	2	C	*	Rochefort ...	30.11	77	72	NW	3	6	3
Holyhead .....	29.92	59	58	SSW	5	N	4								

The barometer shows a very slight recovery since the morning at Thurso, and the wind has veered to NW at Greencastle, but elsewhere pressure continues to decrease slowly, and rain has set in at Valencia.

### EXPLANATION OF COLUMNS.

**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.

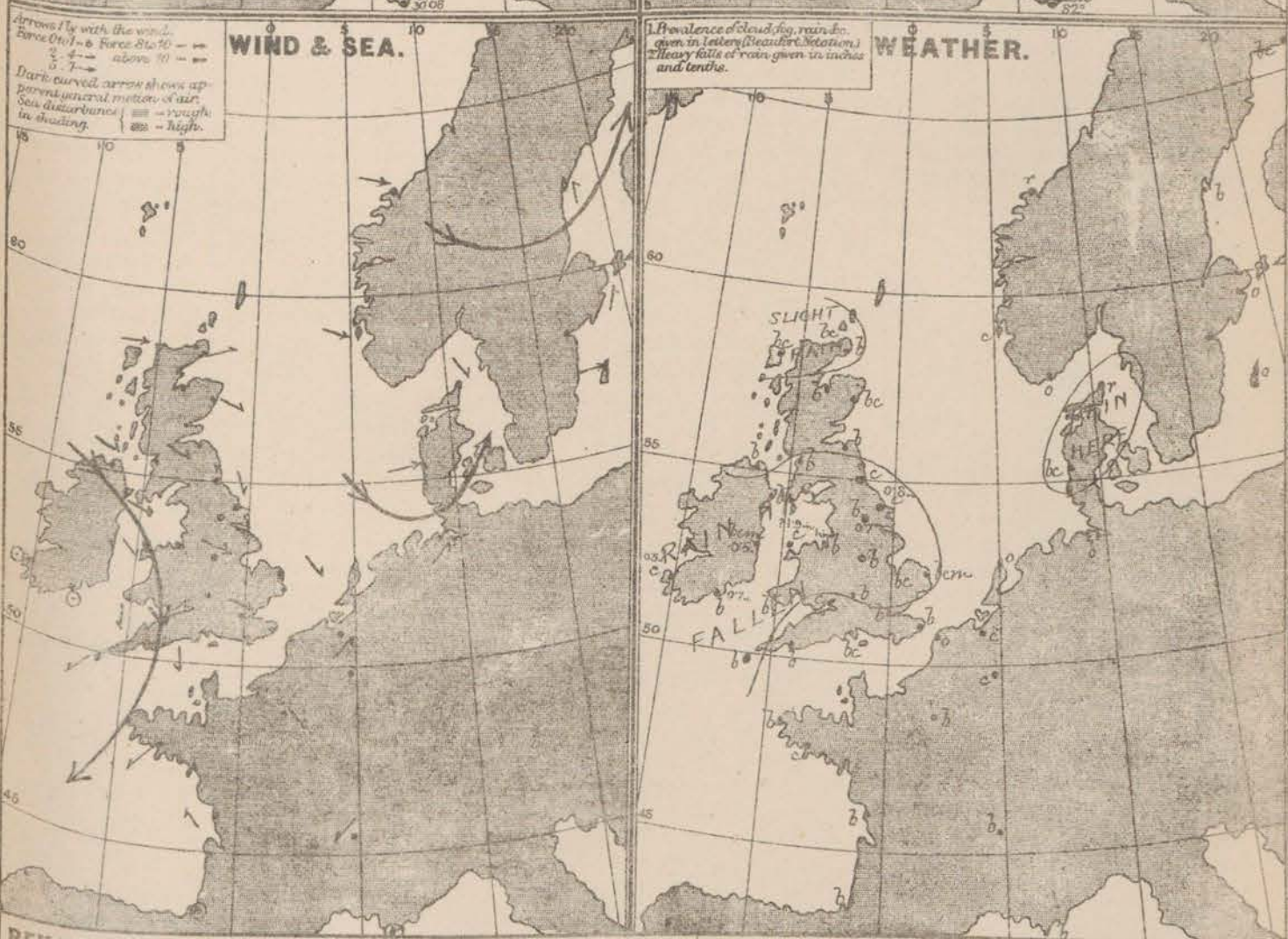
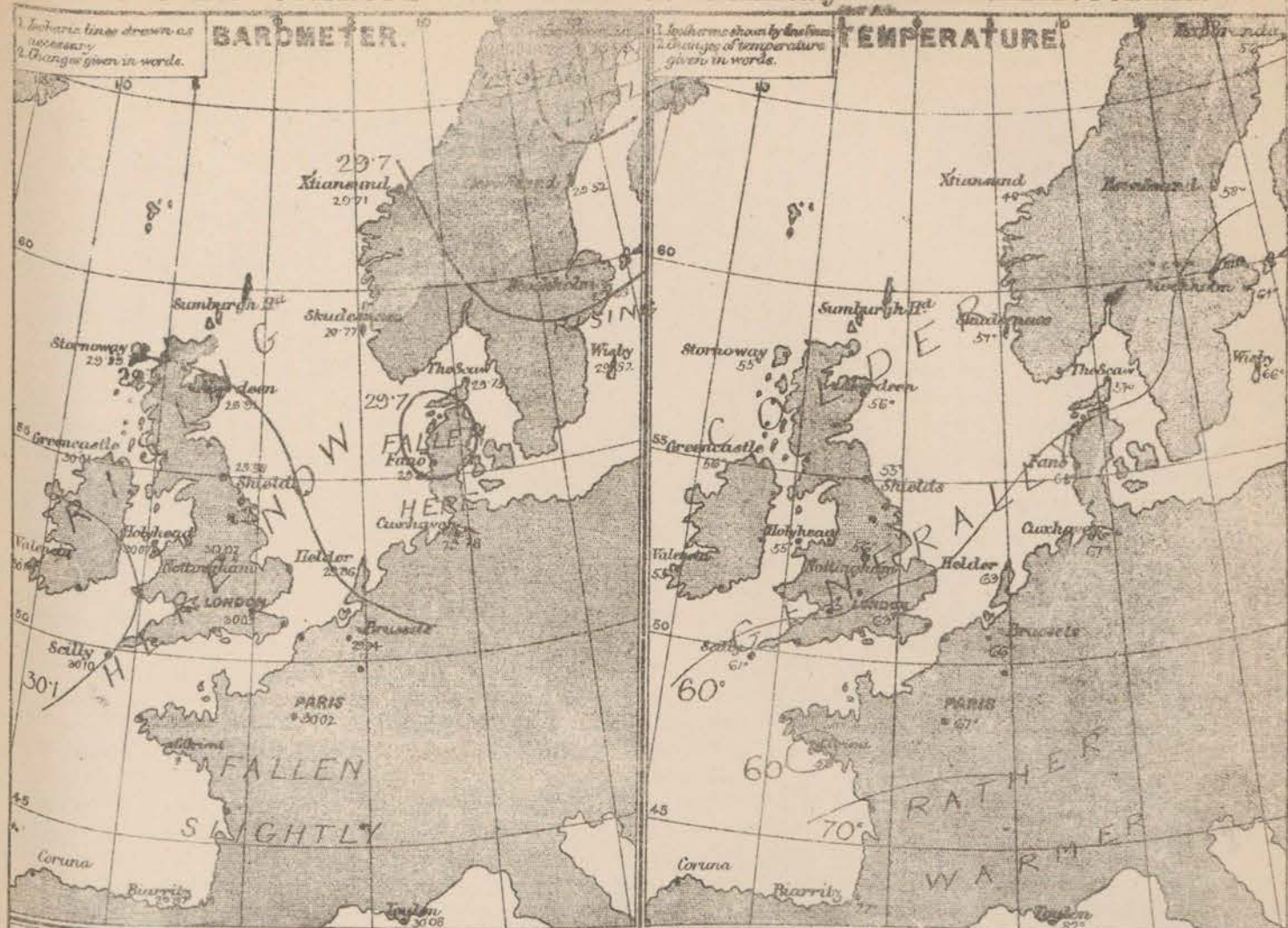
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sea, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Thursday 27<sup>th</sup> JULY 1876



**REMARKS** The depression which was advancing towards the Scotch coasts yesterday has travelled in a SE<sup>th</sup> direction and now lies over Denmark. It proves to be subsidiary to a much larger disturbance which has shown itself over Lapland, and while the mercury is falling both over the Gulf of Bothnia and at the Danish stations in the north of the British Isles a recovery has set in which is apparently extending briskly to all coasts. The area of highest pressure is again established to the W<sup>th</sup> of our Islands, and light to moderate NW breezes prevail at most of our stations. In the south west, however, and over the Bay of Biscay the wind is NE<sup>th</sup> while in North Germany and in Sweden it is SW<sup>th</sup>. In almost every case it is moderate in force. Temperature has fallen except in the east and south of France, the change over Central England amounting to about 10°. During yesterday the thermometer rose to 85° in London, and to 90° in the west of France. Very heavy rain fell in the north of England yesterday, over an inch being reported from Holyhead and Liverpool while more than half an inch was registered in many other places but the sky has since cleared and the weather over our Islands is remarkably fine this morning while at the same time rain is now falling. The sea is slight or smooth.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand. 1/6 per quarter, book post 5/- per quarter.

**Meteorological Office,**  
116, Victoria Street, Westminster, S.W.

**R. H. SCOTT,**  
Director.



# DAILY WEATHER REPORT JULY 28<sup>TH</sup> 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 5.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.58	52	Z	0	c	29.78	+32	56	50	0	Z	0	b	*	*	*	-	
Hernösand ...	29.73	56	Z	0	b	29.75	+23	?	?	?	N	2	c	*	*	*	-	
Stockholm ...	29.65	55	NE	4	N	29.47	-21	64	60	+6	S	2	bc	*	*	*	0.24	
Wisby ...	29.66	69	SW	6	o	29.65	-17	57	53	-9	W	9	c	*	*	*	-	
Christiansund ...	29.76	57	WSW	2	b	29.69	-07	53	49	+4	SE	9	b	4	54	43	-	
Skudesnaes ...	29.82	49	NW	4	bc	29.73	-04	55	57	-2	SE	6	c	4	57	?	-	
Oxö (Xtiansand) ...	29.73	60	WNW	5	b	29.75	+02	53	46	-2	W	6	b	3	64	50	-	
Skagen (The Seaw) ...	29.71	57	WNW	3	c	29.75	+02	56	50	+2	WNW	5	b	4	59	48	0.32	
Fanö ...	29.88	54	W	4	b	29.86	+20	63	56	-5	W	4	c	*	70	54	0.04	
Cuxhaven ...	29.98	*	*	*	*	29.94	+16	60	57	-7	SSW	2	bc	*	67	?	-	
Sumburgh Head ...																		
Stornoway ...	29.76	56	SW	5	c	29.30	-59	57	50	-4	SSW	7	N	6	60	49	0.07	
Thurso ...	29.80	60	WSW	2	c	29.40	-47	52	57	-2	SSW	4	N	3	65	47	0.07	
Wick ...	29.77	57	NW	2	bc	29.40	-48	54	57	0	SSW	4	0	3	64	57	-	
Nairn ...	29.85	58	WSW	1	c	29.41	-53	56	52	+1	SW	2	c	2	65	54	-	
Aberdeen ...	29.83	60	SSW	1	c	29.49	-42	54	57	-2	SSW	4	0	3	63	52	0.01	
Leith ...	29.94	60	W	3	c	29.50	-47	55	52	-3	SW	2	c	*	69	52	0.01	
Shields ...	29.98	62	W	3	bc	29.60	-38	53	57	-2	SSW	4	nm	2	64	50	0.04	
York ...	30.00	62	W	3	c	29.65	-38	53	53	0	S	3	0	*	68	50	-	
Scarborough ...	30.00	56	S	2	bc	29.61	-36	56	54	-2	S	4	0	3	59	57	-	
Nottingham ...	30.04	62	WNW	2	c	29.69	-33	55	53	-1	SSE	4	N	*	69	57	0.03	
Ardrossan ...	29.96	59	SW	2	0	29.46	-57	54	52	-1	SSW	5	N	5	63	53	0.07	
Greencastle ...	29.89	61	SW	1	c	29.42	-59	54	52	-2	WNW	2	0	*	65	57	0.08	
Donaghadee ...	29.95	56	SW	3	c	29.44	-61	57	57	+2	SW	4	c	1	64	55	0.21	
Kingstown ...	30.00	62	WSW	1	c	29.55	-55	61	58	+9	W	3	c	2	63	57	0.07	
Holyhead ...	30.04	56	SSW	3	0	29.54	-53	59	58	+4	SW	6	NW	4	61	52	0.16	
Liverpool (Hidston) ...	30.04	58	NW	1	c	29.57	-47	52	50	-5	SSE	3	N	2	63	50	0.08	
Valencia ...	29.99	61	SSE	4	0	29.70	-44	58	54	+3	WNW	4	c	3	62	54	0.44	
Roche's Point... ..	30.06	63	SSW	4	0	29.65	-50	60	57	+7	NNW	5	c	4	66	?	0.28	
Pembroke ...	30.05	57	Z	0	0	29.66	-44	59	59	+3	WNW	4	N	3	60	55	0.28	
Portishead ...	29.99	64	WSW	3	c	29.73	-33	61	59	+2	SW	5	0	4	69	56	-	
Scilly ...	30.06	62	Z	0	c	29.80	-30	63	63	+2	SW	6	ode	4	66	58	0.01	
Plymouth ...	30.07	66	SSW	2	0	29.78	-31	65	63	+3	SW	4	0	*	73	56	-	
Hurst Castle ...	30.04	65	WSW	3	b	29.80	-24	63	61	0	WSW	4	c	3	72	57	-	
Dover ...	30.05	63	S	2	b	29.81	-18	63	59	+2	S	3	b	3	69	59	-	
London ...	30.04	70	WNW	1	bcw	29.78	-25	62	57	-1	SSW	2	0	*	75	56	-	
Oxford ...	*	*	*	*	*	29.72	-31	60	54	+2	S	2	0	*	71	54	-	
Cambridge ...	30.05	67	SW	1	b	29.78	-25	62	56	+2	S	1	c	*	73	53	-	
Yarmouth ...	30.05	65	NE	2	b	29.82	-12	62	56	+2	SSW	4	c	3	66	57	-	
The Helder. ...	*	*	*	*	*	29.89	+03	56	54	-7	S	1	c	*	*	*	0.04	
Cape Gris Nez ...	30.07	64	NE	1	b	29.82	-18	64	59	+1	S	2	bc	1	72	54	-	
Brest ...	?	75	NNW	2	0	?	?	61	54	-2	NW	3	c	2	75	54	-	
L'Orient ...	?	70	WNW	2	b	?	?	68	66	+9	SW	1	b	1	82	57	-	
Rochefort ...	29.99	77	NNE	2	bc	29.91	-14	70	68	-5	WNW	1	b	3	77	64	-	
Biarritz ...	30.04	79	WSW	5	t	30.00	+05	68	66	-9	WSW	3	0	3	86	66	0.08	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	?	?	63	*	-3	E	3	b	*	*	*	*	
Charleville ...	*	*	*	*	*	29.96	+06	60	*	-9	NE	3	c	*	*	*	*	
Paris ...	30.04	72	NNW	3	b	29.88	-14	72	*	+5	ESE	1	bc	*	*	*	?	
Lyons ...	*	*	*	*	*	29.?	?	74	*	+1	NNE	2	?	*	*	*	*	
Toulon ...	30.03	81	W	3	b	29.99	-09	84	66	+2	NE	1	b	3	90	87	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.83	55	48	NW	6	b	4	Valencia .....	30.09	62	53	SSE	4	c	4
Thurso .....	29.85	62	52	WNW	2	bcw	3	Scilly .....	30.13	65	60	SE	2	c	1
Scarborough ...	30.03	58	54	E	1	bc	1	London .....	30.07	68	56	WNW	2	bc	*
Greencastle ...	29.98	61	53	SW	2	c	*	Rochefort ...	30.02	82	72	N	2	c	1
Holyhead .....	30.08	60	55	WSW	3	c	1								

Since the morning the barometer has risen slowly over England, but in the W. and N. a decrease has taken place, accompanied over Ireland by a shift of wind to the S.E. and more cloudy weather.

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.







# DAILY WEATHER REPORT JULY 29<sup>TH</sup> 1876.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 2).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 13).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 13).			Max.	Min.				
Haparanda ...	29.52	54	NE	4	r	29.42	-0.10	57	54	+1	SE	4	o	*	*	0.09			
Hernösand ...	29.60	48	N	2	r	29.59	-0.16	54	51	?	SSW	2	bc	*	*	0.32			
Stockholm ...	29.75	53	SSW	4	b	29.66	+0.19	59	54	-5	SSE	4	o	*	*	0.08			
Wisby ...	29.82	60	S	6	o	29.69	+0.04	63	59	+6	S	6	c	*	*	—			
Christiansund ...	29.49	55	NE	4	o	29.24	-0.45	60	53	+7	ESE	3	bc	3	?	50	—		
Skudesnaes ...	29.39	56	ESE	7	r	29.34	-0.39	53	51	-2	NSW	7	r	6	?	?	0.35		
Oxö (Kristiansund)	29.62	57	SSE	4	o	29.35	-0.40	57	55	+4	NSW	6	bc	4	59	?	—		
Skagen (The Swan)	29.65	59	SSW	5	o	29.42	-0.33	58	57	+2	SW	4	o	0	61	55	0.02		
Fanö ...	29.62	58	S	4	o	29.56	-0.30	65	60	+2	N	6	bc	*	66	55	0.32		
Cuxhaven ...	29.64	*	*	*	*	29.64	-0.30	63	60	+3	N	5	r	*	63	?	0.13		
Sumburgh Head																			
Stornoway	29.29	55	NNW	2	a	29.44	+0.14	52	48	+1	NNW	5	c	4	58	47	0.12		
Thurso ...	29.28	55	N	3	c	29.36	-0.04	54	50	+2	NNW	6	bcg	5	58	48	0.22		
Wick ...	29.25	53	NN	2	c	29.38	-0.02	53	50	-1	NN	6	o	3	57	47	0.13		
Nairn ...	29.01	56	N	2	c	29.48	+0.07	56	52	0	N	4	bc	3	58	57	0.09		
Aberdeen ...	29.29	58	L	0	o	29.46	-0.03	58	52	+4	N	1	c	2	63	?	0.02		
Leith ...	?	58	N	3	r	29.56	+0.06	58	50	+3	NN	5	b	*	64	?	0.13		
Shields ...	29.44	58	NSW	4	c	29.64	+0.04	59	54	+6	N	6	bc	2	73	50	0.23		
York ...	29.50	61	N	4	bc	29.74	+0.09	58	53	+3	SW	4	c	*	66	53	0.07		
Scarborough ...	29.46	60	NSW	2	c	29.71	+0.10	59	53	+3	N	4	bc	3	63	53	0.13		
Nottingham ...	29.57	63	NN	3	b	29.84	+0.15	61	55	+6	SW	5	b	*	69	53	0.05		
Ardrossan ...	29.45	58	N	4	o	29.65	+0.19	58	50	+2	NN	5	c	4	63	54	0.04		
Greencastle ...	29.48	58	N	5	o	29.68	+0.26	52	50	-2	NN	2	o	*	61	49	0.14		
Donaghadee ...	29.50	56	NNN	4	bc	29.72	+0.28	58	54	+1	NNN	5	c	4	64	52	0.01		
Kingstown ...	29.60	61	N	3	c	29.84	+0.29	57	53	-4	N	4	bc	3	62	54	0.07		
Holyhead ...	29.58	59	NSW	3	o	29.83	+0.29	56	54	-3	NSW	3	c	2	63	53	0.02		
Liverpool (Bidston)	29.53	60	NSW	5	c	29.79	+0.22	57	52	+5	NSW	5	o	4	66	52	—		
Valencia ...	29.79	59	NNN	3	bc	29.97	+0.27	58	54	-2	N	3	bc	4	62	53	0.05		
Roche's Point...	29.76	58	NN	4	bc	29.94	+0.29	59	54	-1	NNN	4	bc	3	62	54	—		
Pembroke ...	29.67	60	N	4	bc	29.92	+0.26	58	58	-1	NNN	2	o	2	61	55	0.02		
Portishead ...	29.67	63	NSW	6	c	29.92	+0.19	59	58	-2	NSW	4	o	3	68	55	0.13		
Scilly ...	29.82	61	NNN	6	o	30.03	+0.23	60	59	-3	NNN	5	c	5	65	57	0.07		
Plymouth ...	29.74	63	NNN	4	c	29.98	+0.20	61	58	-4	N	3	bc	*	68	56	0.11		
Hurst Castle ...	29.64	65	N	6	b	29.95	+0.15	62	57	-1	NNN	5	c	4	65	57	0.02		
Dover ...	29.72	64	NSW	4	bc	29.91	+0.10	66	57	+3	NSW	3	b	3	67	54	—		
London ...	29.60	68	SW	2	ow	29.90	+0.12	60	54	-2	N	3	c	*	70	52	0.30		
Oxford ...	*	*	*	*	*	29.89	+0.17	60	54	0	NSW	3	bc	*	70	51	0.05		
Cambridge ...	29.61	62	N	2	r	29.88	+0.10	59	53	-3	N	3	c	*	82	51	0.18		
Yarmouth ...	29.55	65	SW	3	c	29.82	0.00	59	55	-3	NNN	4	bcg	2	67	53	0.11		
The Helder ...	*	*	*	*	*	29.73	-0.16	61	57	+5	N	5	c	*	*	*	0.32		
Cape Gris Nez	29.69	63	SW	5	o	29.94	+0.12	61	57	-3	N	5	b	4	72	57	—		
Brest ...	?	70	NN	3	o	?	?	61	61	0	NNN	2	o	3	77	57	—		
L'Orient ...	?	64	NNN	5	m	?	?	63	57	-5	NN	3	o	3	75	59	—		
Rochefort ...	29.99	73	NN	5	o	30.14	+0.23	64	59	-6	N	4	bc	3	86	64	0.08		
Biarritz ...	*	*	*	*	*										*	*	*		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	29.87	?	64	*	+1	SW	3	b	*	*	*	*		
Charleville ...	*	*	*	*	*	29.90	-0.06	60	*	0	N	3	o	*	*	*	*		
Paris ...	29.72	83	SW	5	c	30.05	+0.17	63	*	-9	N	3	bc	*	*	*	?		
Lyons ...	*	*	*	*	*	?	?	76	*	+2	NN	2	o	*	*	*	*		
Toulon ...	29.96	84	S	2	b	29.96	-0.03	75	61	-9	NSW	4	b	3	88	?	—		

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.54	54	51	SE	7	r	5	Valencia ...	29.73	59	54	NNN	4	c	4
Thurso .....	29.27	55	53	S	2	r	2	Scilly .....	29.75	64	59	NNN	6	c	4
Scarborough ...	29.45	62	49	SSW	4	c	4	London .....	29.66	68	62	SW	3	ot	*
Greencastle ...	29.43	59	53	N	3	bc	*	Rochefort ...	29.94	75	70	NN	5	o	3
Holyhead .....	29.57	60	56	NWN	3	o	3								

The mercury is now rising at our *N<sup>W</sup>* and *NN<sup>W</sup>* stations, where the wind has veered to the *N<sup>W</sup>*, but still falls elsewhere. Rain is falling both at *Thurso* and in *London* and the weather is cloudy at our other stations.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; a. 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.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Saturday JULY 29<sup>th</sup> 1876

## BAROMETER.

## TEMPERATURE.

## WIND & SEA.

## WEATHER.



**REMARKS.** The barometrical depression which lay off the NW. of Scotland yesterday has now reached Norway, and the barometer has consequently fallen there very briskly, where it has been over the British Isles and France. The wind has, at the same time, shifted to W or NW as all our coasts, and over the North Sea, blowing as fresh breeze at the N and E stations, and as moderate breeze elsewhere. In the W. of France it is NW and of less force. Temperature has not changed much on our coasts, but in France it has fallen, while on the E. shore of the North Sea, and in the Baltic it has risen. Rain has fallen in all parts of the country, as well as on the E. shore of the North Sea, and though the weather has since cleared up in most places it is still showery at Valence. The sea is rather rough in the N, moderate or slight elsewhere.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 1/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT,  
Director.

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# SUMMARY OF WEATHER IN WESTERN EUROPE

from JULY 23<sup>RD</sup> to JULY 29<sup>TH</sup> 1876.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During this period barometrical pressure has been in an unsteady condition. On the first two days the mercury was highest over Ireland, and slight depressions passed over France and our south eastern stations, cloudy showery and rather thundery weather being reported, with a light N<sup>W</sup> wind. On the 26<sup>th</sup>, however, the highest pressures were formed over France and the Bay of Biscay, SW and W<sup>W</sup> breezes appeared and the disturbances now moved from W. to E over our more northern stations. These disturbances were, however, not steep, and the winds, though fresh in places, have been generally light or moderate in force. The weather has been by no means so hot as during the previous week, and the sky has as a rule been more cloudy, and rain has fallen in the west and north.

JULY 23<sup>RD</sup> The brisk fall of the barometer noticed in the south of France at the close of the previous week was occasioned by the advance of a shallow depression from the SW<sup>W</sup>. This disturbance lay at 8 am over the central and north eastern parts of France and the south east of England, so that the barometer was falling in those regions, while at the more northern and southern stations pressure was increasing slowly and was very uniform. The highest readings lay to the W<sup>W</sup> of Ireland, and moderate N<sup>W</sup> breezes prevailed on our coasts but elsewhere the wind varied much in direction. Temperature had fallen generally and the sky was cloudy at our stations. In the evening thunderstorms occurred in the east and south east, the rain at Yarmouth and Shields being rather heavy.

JULY 24<sup>TH</sup> The depression in the south east had continued to travel NE<sup>W</sup> and lay over the north of France, the Netherlands and North Germany. In the latter region and also over Denmark the mercury was falling but over the greater part of the British Isles and over France a rise was in progress. The area of highest pressure was consequently still found to the west of Ireland, and N<sup>W</sup> breezes were again reported from most of our stations, SW winds in the Netherlands and SE<sup>W</sup> at Cuxhaven and Miel. Temperature had again fallen slightly generally, and the maximum temperatures during the day were not high. The sky was clear in the west of England and France but cloudy elsewhere, and rain was falling at Stornoway. During the day the barometer rose generally, the depression continued to move NE<sup>W</sup>, and the weather cleared.

JULY 25<sup>TH</sup> The disturbance was shown over the north of Sweden and the Gulf of Bothnia, and the recovery of pressure noticed over the British Isles and France on the previous day had extended to all but the Scandinavian stations. In the north of Scotland, however, a slight fall of the barometer had taken place during the night, and the wind there had backed to SW, while at many of our other stations it was more W<sup>W</sup> than on the 24<sup>th</sup>, but over the Channel and France N<sup>W</sup> breezes continued. In Norway and Sweden the wind circulated round the depression over the latter country. The sky was cloudy over France and Scotland, and temperature had fallen slightly but elsewhere the sky had cleared and the thermometer was rising. During the day the decrease of pressure from the north became



general. but though rain set in over Scotland the sky continued clear in the south and the thermometer reached  $80^{\circ}$  in the south-east of England and at Rochefort.

JULY 26<sup>th</sup> The decrease of pressure noticed on the previous evening was in progress in all parts of Western Europe except the east of France. In that region a slight rise was reported, and in the west of that country and over the Channel the fall was very slight, so that gradients were becoming rather steep on our coasts. The wind was W. at most of our stations, and S. on the eastern shores of the North Sea and was generally moderate in force but over France it was light and variable. Temperature had increased somewhat over France and changed irregularly elsewhere. The sky was cloudy except in the south, and rain was falling in the north-east and north-west. Later Reports showed a slight rise of the barometer in Scotland but elsewhere an opposite change was in progress.

JULY 27<sup>th</sup> Two depressions were shown, a large one over the north of Sweden, and a second smaller one over Denmark. In the neighbourhood of each the barometer was falling but a rather brisk recovery has commenced in Scotland during the night which was quickly extending to all coasts at 8 am. Gradients for N. winds were consequently general over the United Kingdom, and moderate breezes from NW. in the north and from N. or NE. in the south-west were reported. Over Denmark and Sweden, however, SW. winds prevailed. Temperature had fallen except in the south of France but the sky was very clear at our own and the French stations. The highest point reached by the thermometer over England was only  $75^{\circ}$  in London. In the evening the small depression over Denmark was moving away NE. and the barometer was rising over that country, but on our west and north coasts a fresh fall had commenced which became brisk during the night.

JULY 28<sup>th</sup> A small depression, probably the one which lay over Denmark on the previous day, was reported over Stockholm, while at the same time a second larger one was advancing on the north-west coast of Scotland from the Atlantic. Owing to the movements of the smaller depression a slight recovery of pressure had occurred over Denmark and a slight fall in the south of Sweden, while under the influence of the other disturbance the mercury had fallen rapidly in Scotland and Ireland, and to a less extent elsewhere. The wind which was W. to NW. on our western coasts, SW. at our other stations and SE. in Norway was fresh or strong in force, while the W. wind which formed the southern portion of the circulation round the Swedish depression had increased to a gale. In France very light breezes prevailed. Temperature had fallen at the more northern stations and changed irregularly in the south. The sky was generally cloudy and rain very prevalent. During the day the Scotch disturbance moved E. and the mercury rose in the west.

JULY 29<sup>th</sup> The depression had reached Norway, where the barometer had fallen very quickly while in our Islands and France, particularly in the west it had risen. The wind was SW. and S. over Scandinavia but had veered to W. or WNW over these Islands and the Bay of Biscay. Except in the south it was generally fresh or strong in force, and had blown a moderate gale in the north-west. Temperature had fallen over France, and risen in most other places but during the day it only slightly exceeded  $70^{\circ}$  over Central England. In the evening a fresh decrease of pressure had appeared in Ireland and the wind had backed to SW. at all our western stations.

Meteorological Office,  
116, Victoria Street, Westminster, S. W.  
ROBERT H. SCOTT, Director.



# DAILY WEATHER REPORT JULY 30<sup>TH</sup> 1876.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).				Max.	Min.	
Haparanda ...	29.63	56	SW	4	c		29.49	+0.07	56	54	-1	E	4	o	*	*	*	-	
Hernösand ...	29.45	54	Z	0	o		29.43	-0.16	58	55	+4	ESE	2	c	*	*	*	-	
Stockholm ...	29.49	59	WSW	4	o		29.62	-0.04	59	59	0	WSW	6	bc	*	*	*	0.08	
Wisby ...	29.65	61	W	6	c		29.82	+0.13	58	54	-5	WNW	9	bc	*	*	*	0.08	
Christiansund ...	29.35	54	WSW	4	c		29.54	+0.20	54	49	-6	SW	5	o	4	63	50	-	
Skudesnaes ...	29.62	54	WSW	6	r		29.71	+0.37	55	54	+2	SSE	6	r	5	?	52	0.16	
Oxö (Xtiansand) ...	29.61	56	SW	6	b		29.79	+0.44	58	55	+1	WSW	6	c	4	59	52	-	
Skagen (The Scaw) ...	29.63	57	W	7	b		29.84	+0.42	60	55	+2	W	4	c	4	64	54	-	
Fanö ...	29.86	59	W	6	c		29.98	+0.42	65	60	0	SW	6	c	*	66	57	0.08	
Cuxhaven ...	29.90	*	*	*	*		30.05	+0.41	63	61	0	SW	4	b	*	63	?	-	
Sumburgh Head																			
Stornoway																			
Thurso ...	29.55	53	SW	5	r		29.37	-0.07	54	53	+2	SW	4	c	4	58	50	0.20	
Wick ...	29.56	55	W	4	o		29.42	+0.06	56	55	+2	Z	0	c	1	60	52	0.10	
Nairn ...	29.55	59	W	3	o		29.45	+0.07	57	56	+4	SSW	1	r	2	60	57	0.06	
Aberdeen ...	29.60	65	SW	4	bc		29.44	-0.04	62	58	+6	SW	3	b	2	65	54	0.02	
Leith ...	29.65	61	WSW	1	c		29.52	+0.08	56	55	-2	SSW	5	o	3	66	54	-	
Shields ...	29.76	59	SW	6	r		29.59	+0.03	60	57	+2	SW	6	r	*	67	56	-	
York ...	29.81	62	W	6	c		29.75	+0.11	63	58	+4	W	8	o	2	64	60	-	
Scarborough ...	29.89	61	W	4	c		29.88	+0.14	62	56	+4	S	3	c	*	64	57	-	
Nottingham ...	29.85	60	W	3	c		29.83	+0.12	65	58	+6	SW	4	c	3	65	54	-	
Ardrossan ...	29.95	64	SW	4	bc		29.94	+0.10	65	59	+4	SW	6	bc	*	71	57	-	
Greencastle ...	29.77	57	SSW	2	r		29.61	-0.04	57	55	+1	SSW	6	r	5	62	55	0.07	
Donaghadee ...	29.74	58	W	3	o		29.54	-0.14	58	57	+6	SSW	4	r	*	64	52	0.18	
Kingstown ...	29.79	62	W	5	c		29.66	-0.06	59	57	+1	SW	6	c	4	64	55	-	
Holyhead ...	29.90	65	W	4	bc		29.78	-0.06	62	56	+5	SSE	4	c	3	66	56	-	
Liverpool (Bidston) ...	29.90	59	SSW	4	o		29.82	-0.01	55	53	-1	SSW	6	c	4	64	55	-	
Valencia ...	29.96	61	SW	4	o		29.76	-0.21	60	58	+4	SSW	6	o	5	63	50	0.02	
Roche's Point ...	29.99	62	WSW	5	bc		29.95	+0.01	59	56	0	WSW	5	c	4	66	54	-	
Pembroke ...	30.00	60	W	3	o		29.93	+0.01	60	57	+2	SW	3	c	3	63	57	-	
Portishead ...	30.01	63	WSW	5	c		29.99	+0.07	64	62	+5	WSW	3	c	3	68	56	-	
Seilly ...	30.09	62	WSW	4	o		30.02	-0.01	63	60	+3	SSW	5	o	5	65	58	-	
Plymouth ...	30.07	65	W	4	o		30.04	+0.06	63	59	+2	SW	2	o	*	68	60	-	
Hurst Castle ...	30.03	64	W	6	b		30.06	+0.11	64	59	+2	WSW	5	c	4	65	60	-	
Dover ...	30.02	63	W	3	b		30.06	+0.15	63	59	-3	SW	4	b	3	69	57	-	
London ...	29.99	70	WNW	2	bc		30.03	+0.13	63	58	+3	WSW	3	c	*	73	55	-	
Oxford ...	*	*	*	*	*		30.00	+0.11	63	56	+3	WSW	3	o	*	70	57	-	
Cambridge ...	29.97	67	WSW	2	b		30.01	+0.13	65	57	+6	SW	6	b	*	72	52	-	
Yarmouth ...	29.95	66	W	2	b		30.01	+0.19	62	56	+3	WSW	4	bc	2	68	53	-	
The Helder ...	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	-
Cape Gris Nez ...	30.05	63	WSW	5	b		30.06	+0.12	61	59	0	SW	3	bc	3	66	59	-	
Brest ...	?	70	W	2	o		?	?	63	61	+2	SW	3	o	3	?	59	-	
L'Orient ...	?	64	NW	4	bc		?	?	63	59	0	S	3	o	2	73	55	-	
Rochefort ...	30.18	75	NW	2	b		30.12	-0.02	66	63	+2	E	2	b	3	82	61	-	
Biarritz ...	30.17	77	WNW	3	b		30.07	-	66	63	-	ESE	2	no	4	?	59	-	
Corunna ...	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	-
Brussels ...	*	*	*	*	*		*	*	63	*	-1	SW	3	bc	*	*	*	*	-
Charleville ...	*	*	*	*	*		29.96	+0.06	60	*	0	W	3	b	*	*	*	*	-
Paris ...	30.11	72	NW	3	bc		30.17	+0.12	73	*	+10	ESE	3	b	*	*	*	*	-
Lyons ...	*	*	*	*	*		?	?	71	*	-5	NE	2	b	*	*	*	*	-
Toulon ...	29.94	82	NW	5	b		30.10	+0.14	79	61	+4	E	3	b	3	86	1	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.52	56	53	w	6	o	5	Valencia .....	29.98	62	56	msw	3	c	3
Thurso .....	29.50	58	52	wnw	6	bcg	5	Seilly .....	30.09	63	60	msw	4	o	5
Scarborough ...	29.81	63	56	w	4	c	4	London .....	29.97	68	57	wnw	3	bc	*
Greencastle ...	29.76	59	54	w	3	o	*	Rochefort ...	30.18	73	66	nw	3	b	3
Holyhead .....	29.91	62	59	sw	4	b	3								

The barometer has remained steady since the morning in the S. of Ireland, but elsewhere it has risen slowly. The wind has backed to WSW in the W, but continues W<sup>2</sup> to NW<sup>4</sup> in the E and N.

## EXPLANATION OF COLUMNS.

**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.

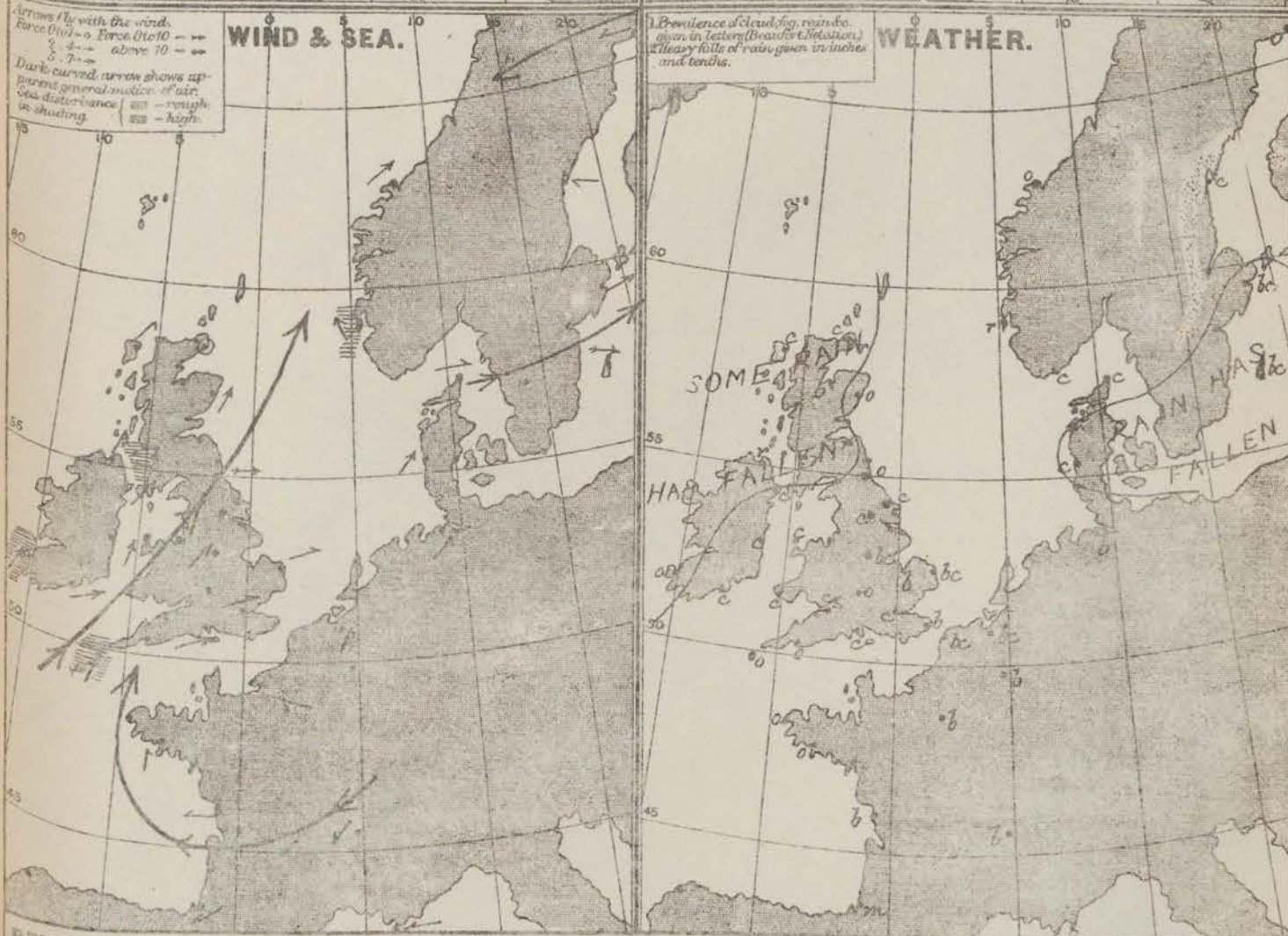
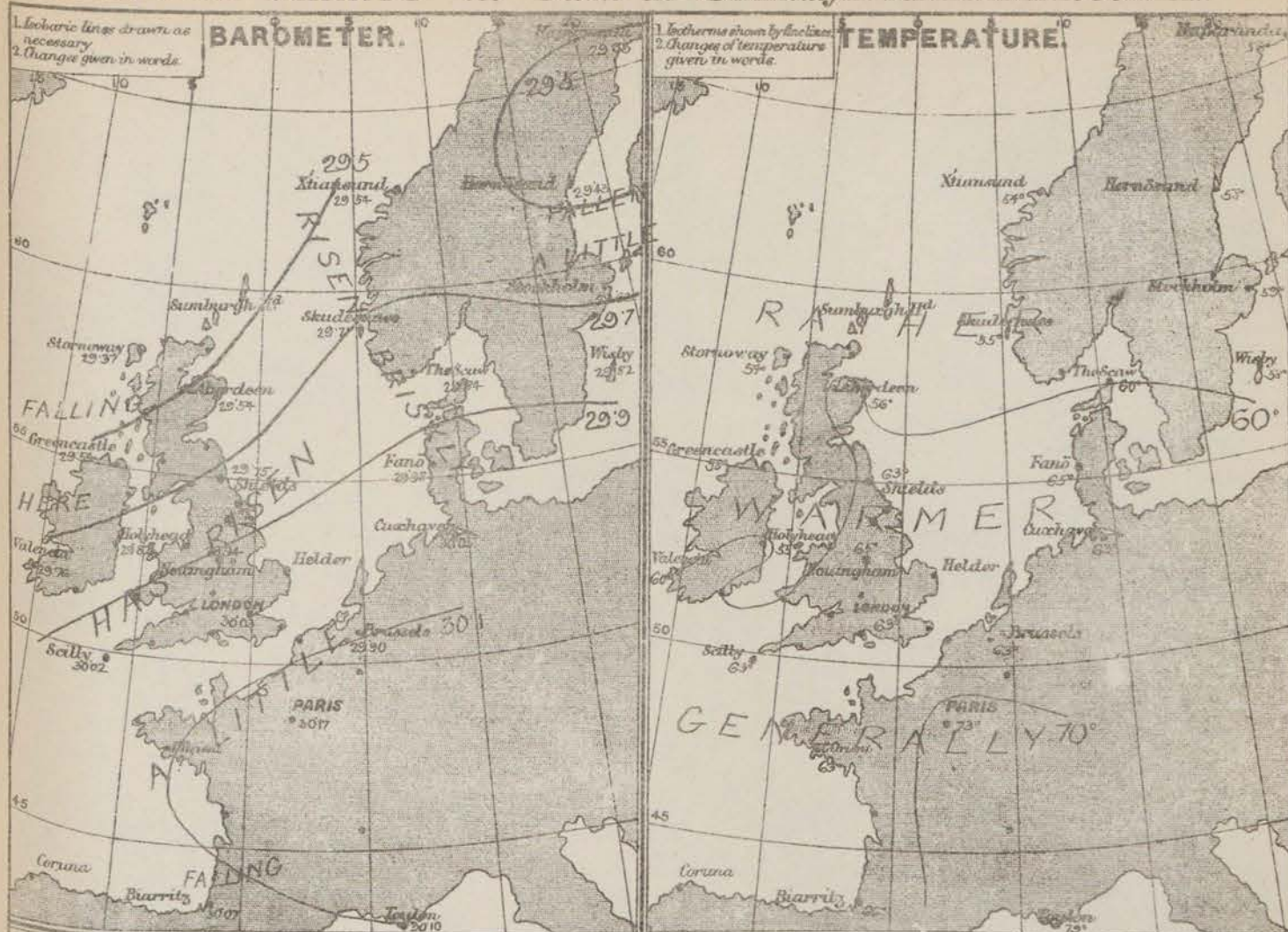
\* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Sunday 30<sup>th</sup> JULY 1876



**REMARKS** The recovery in barometrical pressure noticed over our Islands yesterday morning attended to Norway during the day but at the same time a fresh fall of the barometer appeared on our western coasts, accompanied by a backing of the wind to SW in those regions. This new decrease has been occasioned by the approach of another depression from the Atlantic which appears to be travelling in the same direction as the one recently noticed. It is at present situated to the NW of Scotland, and fresh to strong SW winds are blowing over the whole of the United Kingdom. The barometer is still rising briskly in Denmark and the south of Norway, and the area of highest pressure appears to be extending over France with a N. direction; the winds in that country are therefore light - from E in the south and from SW in the north. Temperature has not changed much, but the general tendency has been to increase in most places. The sky is clear over France and the southeast of England but very cloudy elsewhere, and rain is falling in the north west. The sea is rather rough on some parts of our western coasts, slight elsewhere.

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1/6 per quarter, 5/6 per half year, 10/6 per annum.

**Meteorological Office,**  
**115, Victoria Street, Westminster S.W.**

**R. H. SCOTT,**  
Director.

Dunstable, Jan. 22, 1876. St. Vincent & Co. Ltd.



# DAILY WEATHER REPORT JULY 31<sup>ST</sup> 1876.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.38	57	W	4	N	29.57	+08	57	57	+1	W	4	b	*	*	*	0.04	
Hernösand ...	29.67	56	W	2	b	29.71	+28	62	55	+4	WSW	2	b	*	*	*	-	
Stockholm ...	29.86	60	WSW	4	bc	29.91	+29	64	57	+5	WSW	6	bc	*	*	*	-	
Wisby ...	30.00	63	W	6	c	30.01	+19	66	62	+8	SW	6	b	*	*	*	-	
Christiansund ...	29.48	57	SE	1	c	29.55	+01	57	57	+3	SSE	1	o	3	61	52	0.12	
Skudesnaes ...	29.71	60	SSE	6	f	29.68	-03	58	57	+3	SSE	6	f	6	63	55	0.16	
Oxö (Xtiansand) ...	29.82	?	SSW	6	o	29.84	+05	59	57	+1	SSW	5	N	3	63	55	-	
Skagen (The Seaw)	29.91	59	W	4	c	29.89	+05	61	59	+1	SW	3	c	2	68	54	-	
Fanö ...	29.99	66	WSW	4	b	29.89	-09	71	65	+6	SW	4	b	*	72	54	-	
Cuxhaven ...	30.05	*	*	*	*	29.93	-12	69	66	+6	S	2	b	*	69	?	-	
Sumburgh Head																		
Stornoway	29.47	56	SW	5	N	29.49	+12	53	57	-1	WSW	1	o	3	61	49	0.12	
Thurso ...	29.47	63	WSW	5	bc	29.48	+06	57	50	-5	NW	1	12	1	70	56	0.20	
Wick ...	29.48	64	SW	5	c	29.47	+02	57	54	0	Z	0	6	0	66	57	0.05	
Nairn ...	29.53	62	SW	3	bc	29.47	+03	57	52	-5	SW	1	o	0	68	53	0.08	
Aberdeen ...	29.57	61	SSW	4	bc	29.56	-04	59	56	+3	SW	3	c	1	69	54	0.03	
Leith ...	29.63	62	SW	6	N	29.58	-04	57	54	-3	SSW	2	N	*	69	54	0.31	
Shields ...	29.66	67	SW	6	c	29.61	-14	58	57	-5	SSW	2	o	2	67	57	-	
York ...	29.82	70	SW	1	b	29.65	-23	62	58	-2	S	2	o	*	75	56	0.02	
Scarborough ...	29.80	70	SW	3	c	29.64	-19	61	59	-4	SSW	3	o	2	74	58	0.02	
Nottingham ...	29.87	70	SSE	4	b	29.68	-26	60	58	-5	SSE	2	o	*	76	56	-	
Ardrossan ...	29.64	59	SW	4	N	29.52	-09	58	56	+1	SSW	3	c	3	60	56	0.70	
Greencastle ...	29.61	59	W	1	o	29.54	-06	57	50	-7	NW	1	o	*	67	47	0.66	
Donaghadee ...	29.65	62	SSW	5	o	29.54	-12	55	55	-4	WSW	3	N	2	62	54	0.29	
Kingstown ...	29.74	64	SSW	3	c	29.60	-18	61	60	-1	WSW	2	cd	1	69	60	0.03	
Holyhead ...	29.79	61	SSW	4	c	29.60	-22	57	57	+2	SW	3	N	2	66	?	0.13	
Liverpool (Bidston)	29.82	65	SW	4	bc	29.60		58	57		SE	3	o	2	71	57	-	
Valencia ...	29.71	59	SSW	4	o	29.71	-05	55	57	-5	NNW	4	of	3	71	?	0.48	
Roche's Point...	29.78	61	SW	5	N	29.67	-28	57	54	-2	NNW	4	c	4	64	52	0.42	
Pembroke ...	29.87	61	SSW	2	o	29.65	-28	56	56	-4	W	2	N	3	64	56	0.15	
Portishead ...	29.92	67	WSW	4	c	29.65	-34	62	61	-2	SSW	3	c	2	73	57	-	
Scilly ...	29.93	64	SSW	5	o	29.74	-28	61	60	-2	SW	3	o	5	69	57	0.22	
Plymouth ...	29.94	65	SSW	3	o	29.70	-34	60	59	-3	W	2	cd	*	69	66	0.08	
Hurst Castle ...	29.97	65	WSW	5	b	29.70	-36	63	62	-1	SW	3	N	5	65	59	0.09	
Dover ...	29.99	63	SW	3	b	29.74	-32	67	61	+4	SE	1	bc	0	67	59	-	
London ...	29.94	71	SSW	3	bc	29.69	-34	63	61	0	SW	1	N	*	76	50	0.03	
Oxford ...		*	*	*	*	29.67	-33	61	59	-2	S	1	cd	*	74	57	0.01	
Cambridge ...	29.91	70	SSW	2	b	29.71	-30	59	58	-6	SSE	1	N	*	79	57	0.15	
Yarmouth ...	29.90	70	S	4	b	29.77	-24	64	61	+2	S	2	cd	*	76	58	-	
The Helder...		*	*	*	*	29.68		66	62		SSE	6	bc	*	*	*	-	
Cape Gris Nez	30.00	64	WSW	2	bc	29.76	-30	72	61	+11	S	3	c	1	72	57	-	
Brest ...	?	70	SW	1	o	?	?	63	61	0	WSW	4	o	4	70	61	-	
L'Orient ...																		
Rochefort ...	29.91	82	SE	2	b	29.92	-20	73	61	+7	W	4	o	3	91	55	-	
Biarritz ...	29.83	90	ESE	5	bc	30.04	-03	70	66	+4	WSW	5	N	4	99	64	0.12	
Corunna ...		*	*	*	*													
Brussels ...		*	*	*	*	29.92	?	74	*	+11	?	?	?	*	*	*	*	
Charleville ...		*	*	*	*	29.82	-14	67	*	+7	S	1	b	*	*	*	*	
Paris ...	30.00	81	SSW	3	b	29.85	-22	70	*	-3	SSE	3	c	*	*	*	*	
Lyons ...		*	*	*	*			73	*	+4	SE	2	b	*	*	*	*	
Toulon ...	30.14	84	SE	1	b	30.11	+01	79	68	0	NE	1	b	2	90	77	-	

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	29.68	57	55	S	6	of	6	Valencia .....					
Thurso .....								Scilly .....					
Scarborough ...								London .....					
Greencastle ...							*	Rochefort ...	30.05	77	72	NW	2
Holyhead .....													

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 8 p.m. in our latitude, at 6 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sea, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS for 8 a.m. on Monday 31<sup>st</sup> JULY 1876



**REMARKS** The depression which was lying over our north west coasts yesterday morning passed away in a N.E. direction during the day and last evening a heavy fog passed over Scotland but at Valencia a fresh breeze had appeared, and this morning a new disturbance is slowly lying over our northern stations. At the same time the mercury has risen steadily over Sweden, and the highest readings now extend N.E. from the south of France over North Germany and the Baltic. This morning's depression is not so steep as its predecessor and the winds which are W on our western coasts and N.W. elsewhere, are light or moderate in force over these Islands though they continue strong in Scandinavia. Over the south of England a very small shallow depression is apparently lying, and the wind there is very light and the weather gloomy and wet. Temperature has risen slightly on the Continent but fallen at our stations. The sky is clear in the east of France and over Sweden but is overcast, hazy and rainy, which has been general over our Islands, continues in most parts of the Kingdom. The sea is rather rough at Scilly, moderate to smooth elsewhere.

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Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.

Director

Barnfield, N.S. 22 B. of York St. Corner O'G.



## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JULY 1876

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.			DATE.
		Barometer at 330 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 8).	SHADE TEMP.		Amount of Rainfall.			
				Dir.	Force. (0 to 12).		Reading at 330 P. and Sea Level.	Difference from yesterday.	Dry.	Wet.	Difference from yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
1 <sup>st</sup>	Sumburgh H.	29.90	53	nr	2	0	29.62	-21	53	51	-1	SE	4	0	5	58	43	-	24 <sup>th</sup>		
"	Scilly	30.09	59	nr	3	0	30.04	-04	60	60	-2	SW	4	0	4	63	59	0.01	24 <sup>th</sup>		
"	Corunna	*	*	*	*	*	30.20	-01	64	*	+2	NE	?	0	1	*	*	*	26 <sup>th</sup>		
"	Scilly 2 pm.	-	-	-	-	-	30.05	-	62	60	-	nr	4	0	4	-	-	-	26 <sup>th</sup>		
2 <sup>nd</sup>	Sumburgh H.	29.48	54	SSE	6	m	29.64	+02	53	50	0	SW	3	0	4	56	50	0.27	27 <sup>th</sup>		
"	Scilly	30.05	59	nr SW	4	c	30.08	+04	60	59	0	nr	2	0	3	64	59	-	27 <sup>th</sup>		
3 <sup>rd</sup>	Sumburgh H.	29.85	54	SW	4	b	29.98	+14	53	50	0	SSW	4	0	4	59	47	0.08	27 <sup>th</sup>		
"	Scilly	30.13	60	nr SW	3	0	30.14	+06	64	61	+4	SSW	1	0	3	64	260	-	27 <sup>th</sup>		
"	Scilly 2 pm.	-	-	-	-	-	30.14	-	67	63	-	SSW	4	0	4	-	-	-	27 <sup>th</sup>		
4 <sup>th</sup>	Sumburgh H.	29.89	54	SE	3	0	29.58	-40	54	53	+1	SSW	4	0	4	58	51	0.20	27 <sup>th</sup>		
"	Scilly	30.13	62	SW	5	f	30.12	-02	61	61	-3	SSW	4	0	4	68	60	-	28 <sup>th</sup>		
"	Corunna	*	*	*	*	*	30.28	?	67	*	0	NE	?	0	1	*	*	*	28 <sup>th</sup>		
"	Scilly 2 pm.	-	-	-	-	-	30.10	-	65	63	-	SSW	5	0	4	-	-	-	28 <sup>th</sup>		
5 <sup>th</sup>	Sumburgh H.	29.70	52	nr	3	0	29.65	+07	53	51	-1	SE	3	0	3	56	49	-	28 <sup>th</sup>		
"	Scilly	30.04	62	SSW	6	f	29.97	-15	60	60	-1	SW	4	0	4	68	51	0.14	30 <sup>th</sup>		
"	Corunna	*	*	*	*	*	30.21	-07	65	*	-2	nr	3	0	1	*	*	*	30 <sup>th</sup>		
"	Scilly 2 pm.	-	-	-	-	-	29.97	-	61	60	-	S	2	0	4	-	-	-	31 <sup>st</sup>		
6 <sup>th</sup>	Sumburgh Head	29.49	56	SW	3	c	29.63	-02	52	50	-1	nr	4	0	5	61	49	0.01	31 <sup>st</sup>		
"	Scilly	30.00	61	Z	0	0	29.99	+02	60	59	0	E	4	0	4	65	54	0.04	31 <sup>st</sup>		
"	Corunna	*	*	*	*	*	30.19	-02	67	*	+2	Z	0	0	1	*	*	*	31 <sup>st</sup>		
"	Scilly 2 pm.	-	-	-	-	-	29.91	-	61	60	-	SSE	5	0	5	-	-	-	31 <sup>st</sup>		
7 <sup>th</sup>	Sumburgh H.	29.73	33	nr SW	6	b	29.79	+16	54	53	+2	SSW	2	0	2	57	46	0.01	1 <sup>st</sup>		
"	Scilly	29.82	61	S	6	h	29.81	-18	60	60	0	S	5	0	4	62	54	0.37	1 <sup>st</sup>		
"	Scilly 2 pm.	-	-	-	-	-	29.80	-	64	62	-	SSW	4	0	4	-	-	-	3 <sup>rd</sup>		
8 <sup>th</sup>	Sumburgh H.	29.73	56	ESE	1	b	29.63	-16	53	52	-1	NE	3	0	3	60	54	0.01	3 <sup>rd</sup>		
9 <sup>th</sup>	Sumburgh H.	29.62	53	NE	3	0	29.54	-09	52	52	-1	SSW	2	0	3	53	50	0.04	4 <sup>th</sup>		
"	Corunna	*	*	*	*	*	30.35	?	69	*	?	SW	?	0	?	*	*	*	6 <sup>th</sup>		
10 <sup>th</sup>	Sumburgh H.	29.31	54	SW	3	c	29.45	-09	50	49	-2	nr SW	5	0	5	55	47	0.44	7 <sup>th</sup>		
11 <sup>th</sup>	Sumburgh H.	29.52	50	nr	4	h	29.91	+46	50	47	0	nr	5	0	5	57	46	0.14	8 <sup>th</sup>		
"	Corunna	*	*	*	*	*	30.36	?	83	*	?	NE	6	0	4	*	*	*	9 <sup>th</sup>		
12 <sup>th</sup>	Sumburgh H.	30.19	50	nr	4	b	30.16	+25	50	49	0	SW	3	0	5	53	43	0.02	10 <sup>th</sup>		
13 <sup>th</sup>	Sumburgh H.	29.78	53	SW	6	h	30.15	-01	53	51	+3	nr nr	1	0	6	54	47	0.02	11 <sup>th</sup>		
"	Corunna	*	*	*	*	*	30.15	?	?	*	?	NE	6	0	1	*	*	*	13 <sup>th</sup>		
14 <sup>th</sup>	Christiansund	30.08	48	nr nr	6	h	30.12	+45	51	48	-2	SE	1	0	4	54	45	-	13 <sup>th</sup>		
"	Sumburgh H.	30.19	54	nr SW	2	0	30.16	+01	55	55	+2	nr SW	5	0	5	58	52	0.03	16 <sup>th</sup>		
15 <sup>th</sup>	Christiansund	30.09	53	nr SW	8	0	30.17	+05	51	50	0	nr	8	0	5	54	48	-	17 <sup>th</sup>		
"	Skudesnaes	30.26	55	nr nr	6	f	30.36	+08	57	53	+3	nr	2	0	3	57	54	0.12	19 <sup>th</sup>		
"	Oslo	30.17	60	nr SW	6	b	30.21	-03	63	54	+6	nr nr	2	0	2	?	55	-	19 <sup>th</sup>		
"	Sumburgh H.	30.27	53	nr nr	3	0	30.35	+19	53	51	-2	nr	4	0	5	58	50	0.01	20 <sup>th</sup>		
16 <sup>th</sup>	Sumburgh H.	30.35	54	nr SW	1	0	30.22	-13	53	52	0	SW	1	0	2	57	50	0.01	21 <sup>st</sup>		
"	Corunna	*	*	*	*	*	30.25	?	73	*	?	nr	?	0	1	*	*	*	21 <sup>st</sup>		
17 <sup>th</sup>	Sumburgh H.	30.04	63	SW	2	c	30.07	-15	52	50	-1	nr SW	4	0	3	63	47	0.01	22 <sup>nd</sup>		
18 <sup>th</sup>	Haparanda	29.59	54	SW	2	c	29.60	+08	57	54	-8	SE	2	0	*	*	*	-	23 <sup>rd</sup>		
"	Hermosand	29.69	58	nr	2	0	29.63	-16	55	50	-3	nr nr	4	0	*	*	*	-	23 <sup>rd</sup>		
"	Stockholm	29.66	64	S	4	c	29.62	-28	56	52	-8	nr nr	6	0	*	*	*	-	23 <sup>rd</sup>		
"	Misby	29.72	65	S	4	e	29.65	-30	63	59	0	nr nr	6	0	*	*	*	0.12	23 <sup>rd</sup>		
"	Sumburgh H.	30.08	52	nr SW	4	c	30.02	-05	51	50	-1	nr	5	0	5	57	48	0.08	24 <sup>th</sup>		
19 <sup>th</sup>	Sumburgh H.	29.71	53	nr nr	3	f	30.04	+02	52	50	+1	nr	2	0	4	54	48	0.22	24 <sup>th</sup>		
20 <sup>th</sup>	Sumburgh H.	30.03	55	nr SW	3	0	30.09	+05	53	50	+1	nr nr	3	0	3	56	48	0.02	25 <sup>th</sup>		
"	Corunna	*	*	*	*	*	30.52	+27	75	*	+4	nr	?	0	1	*	*	*	25 <sup>th</sup>		
21 <sup>st</sup>	Sumburgh H.	30.09	53	nr	4	0	30.09	00	53	51	0	nr	2	0	3	58	49	0.01	26 <sup>th</sup>		
"	Bianing	30.05	75	nr SW	2	b	30.04	-08	72	68	0	SW	1	0	2	77	63	-	26 <sup>th</sup>		
22 <sup>nd</sup>	Sumburgh H.	30.10	53	SW	1	0	30.06	-03	55	52	+2	SSW	3	0	3	59	50	0.01	27 <sup>th</sup>		
"	Corunna	*	*	*	*	*	29.95	?	78	*	?	S	?	0	1	*	*	*	27 <sup>th</sup>		
"	Brussels	*	*	*	*	*	30.18	-02	68	*	+1	NE	1	0	1	*	*	*	27 <sup>th</sup>		
23 <sup>rd</sup>	Sumburgh H.	29.95	54	SE	1	0	29.98	-08	53	53	-2	nr SW	3	0	2	57	50	0.10	28 <sup>th</sup>		



Rank	Name	Points	Percentage
1	W. H. H. H.	100	100%
2	W. H. H. H.	95	95%
3	W. H. H. H.	90	90%
4	W. H. H. H.	85	85%
5	W. H. H. H.	80	80%
6	W. H. H. H.	75	75%
7	W. H. H. H.	70	70%
8	W. H. H. H.	65	65%
9	W. H. H. H.	60	60%
10	W. H. H. H.	55	55%
11	W. H. H. H.	50	50%
12	W. H. H. H.	45	45%
13	W. H. H. H.	40	40%
14	W. H. H. H.	35	35%
15	W. H. H. H.	30	30%
16	W. H. H. H.	25	25%
17	W. H. H. H.	20	20%
18	W. H. H. H.	15	15%
19	W. H. H. H.	10	10%
20	W. H. H. H.	5	5%

Rank	Name	Points	Percentage
1	W. H. H. H.	100	100%
2	W. H. H. H.	95	95%
3	W. H. H. H.	90	90%
4	W. H. H. H.	85	85%
5	W. H. H. H.	80	80%
6	W. H. H. H.	75	75%
7	W. H. H. H.	70	70%
8	W. H. H. H.	65	65%
9	W. H. H. H.	60	60%
10	W. H. H. H.	55	55%
11	W. H. H. H.	50	50%
12	W. H. H. H.	45	45%
13	W. H. H. H.	40	40%
14	W. H. H. H.	35	35%
15	W. H. H. H.	30	30%
16	W. H. H. H.	25	25%
17	W. H. H. H.	20	20%
18	W. H. H. H.	15	15%
19	W. H. H. H.	10	10%
20	W. H. H. H.	5	5%