

13804

METEOROLOGICAL OFFICE.

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DAILY WEATHER REPORTS.

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1<sup>ST</sup> JULY 31<sup>ST</sup> DECEMBER.

1874.



Satur - day 8 a.m.

# WEATHER REPORT.

August 1<sup>st</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Distur- ance. 0 to 4.	
	At 8 A.M.  Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.87	+ .21	56	55	+5	*	*	S	2	2	S	*	o	*	*
Hernösand ...	29.44	- .06	60	57	-2	*	*	S	4	0	Z	*	bo	*	*
Stockholm ...	29.56	- .07	62	?	+1	*	*	SSW	6	2	N	*	bo	*	*
Wisby ...	29.80	- .06	65	59	+2	*	*	SW	6	6	NN	*	bo	*	*
Christiansund ...	29.24	- .38	52	50	-4	*	*	SW	6	0	Z	*	or	*	5
Skudesnaes ...	29.46	- .30	57	51	-4	*	*	N	6	6	S	*	re	*	4
Oxö (X'tiansand) ...	29.43	- .41	58	55	0	*	*	WSW	4	4	SW	*	ob	*	3
Skagen (The Skaw) ...	29.49	- .29	60	59	-2	*	*	WSW	4	*	*	*	o	0.12	*
Fanö ...	29.62	- .29	64	61	-4	*	*	WSW	6	*	*	*	c	0.04	*
Cuxhaven ...	29.76f	- .21	63	62	-3	74	?	NNN	2	2	NN	9	cr	0.12	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.61r	- .03	55	53	0	60	47	N	5	7	NNN	7	qf	0.02	5
Thurso ...	29.50r	- .16	56	51	-3	64	48	NNN	6	6	NNN	5	pe	0.20	5
Wick ...	29.53r	- .18	55	50	-1	60	46	NNN	4	5	N	4	c	0.04	2
Nairn ...	29.64r	- .10	57	52	-4	65	50	SW	2	2	SW	7	c	0.04	1
Aberdeen ...	29.66r	- .12	57	50	-4	62	46	N	2	3	N	8	po	0.22	1
Leith ...	29.75r	- .12	57	54	-3	64	52	N	3	5	SW	6	oc	-	*
Shields ...	29.79r	- .05	60	53	-1	67	55	NN	4	4	NNN	8	o	0.04	1
York ...	29.87r	- .12	62	56	-1	72	57	NNN	2	3	N	2	cb	-	*
Scarborough ...	29.82r	- .13	61	56	-3	68	57	NNN	3	3	SW	6	oc	-	2
Nottingham ...	29.89s	- .13	64	60	+3	73	60	NNN	2	6	S	9	qm	0.01	*
Ardrossan ...	29.79r	- .09	60	52	0	61	57	NNN	4	6	NNN	6	oc	0.05	3
Greencastle ...	29.84r	- .00	57	52	0	61	53	NNN	4	5	WSW	8	qo	0.19	*
Donaghadee ...	29.85r	- .05	59	55	0	62	52	N	3	4	N	4	-c	0.13	2
Kingstown ...	29.92r	+ .02	59	55	-2	68	58	N	5	6	N	7	oo	0.08	3
Holyhead ...	29.90r	- .08	59	56	-1	63	56	N	2	5	SW	7	-m	0.08	1
Liverpool (Bidston Obs.) ...	29.89r	- .09	59	54	-2	65	57	N	3	5	WSW	7	oe	0.08	3
Valencia ...	29.95f	- .07	61	59	?	64	57	NN	2	4	NNN	9	m	0.92	3
Roche's Point ...	29.96f	- .06	60	57	-2	68	58	N	2	4	NNN	8	o	-	3
Pembroke ...	29.95f	- .10	59	59	-1	63	59	NN	1	5	NNN	10	ofm	0.03	3
Portishead ...	29.94f	- .12	63	62	+1	72	58	N	3	6	N	10	qd	0.07	2
Scilly ...	30.03f	- .10	62	61	0	67	60	WSW	5	5	NNN	9	of	0.01	4
Plymouth ...	30.02f	- .09	63	62	-1	72	60	SW	2	4	SW	10	od	-	*
Hurst Castle ...	29.97f	- .13	64	62	0	72	61	NNN	5	5	NNN	?	co	-	5
Dover ...	29.95f	- .11	64	60	-4	72	61	NNN	3	4	SW	6	c	-	2
London ...	29.94f	- .14	62	60	-5	75	59	NNN	3	5	N	10	cr	0.01	*
Oxford ...	29.93	- .15	64	62	+3	71	61	NNN	1	4	N	10	g	0.01	*
Cambridge ...	29.91f	- .15	60	60	-4	77	59	N	1	2	SW	10	cr	0.07	*
Yarmouth ...	29.89f	- .17	60	60	-2	74	59	N	3	5	SSE	10	br	0.22	2
Helder ...	29.83	- .19	63	*	-1	*	*	NNN	3	*	*	*	*	*	4
Cape Gris Nez ...	29.96f	- .10	62	60	-1	67	60	NNN	5	5	SW	10	ow	-	4
Brest ...	30.13f	- .08	60	58	-1	70	58	N	3	3	N	10	o	-	3
L'Orient ...	?	?	59	55	?	69	?	N	1	1	NN	6	cw	-	0
Rochefort ...	30.10f	- .09	64	60	-1	?	58	E	1	5	NN	0	b	-	3
Biarritz ...	30.10f	- .07	64	62	-2	72	59	E	3	4	N	0	cf	-	3
Corunna ...															
Brussels ...	29.94	- .15	64	*	+5	*	*	N	6	*	*	*	c	*	*
Charleville ...	30.00	- .13	60	*	+6	*	*	S	3	*	*	*	c	*	*
Paris ...	30.07f	- .06	62	*	+1	72	58	N	5	5	NNN	?	co	-	*
Lyons ...	?	?	66	*	0	*	*	N	3	*	*	*	b	*	*
Toulon ...	30.25r	+ .27	79	66	+7	85	70	Z	0	3	NN	2	b	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	?	62	55	SSW	?	*	?	Valencia ...	29.98	62	60	NSW	4	8	g
Thurso ...	29.49	60	57	ESW	5	8	g	Scilly ...	30.12	66	62	ESE	5	7	c
Scarborough...	29.86	66	60	SW	3	10	c	London ...	30.02	74	62	WSW	2	8	60
Greencastle ...	29.74	60	58	WSW	5	8	g	Rochefort...	30.16	71	64	SW	3	4	c
Holyhead ...	29.91	60	59	SW	5	7	m								

The barometer has now fallen at all stations, briskly at those where the wind has "backed" to SSW and further. The sky has become clouded or gloomy over the whole of the British Kingdom.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



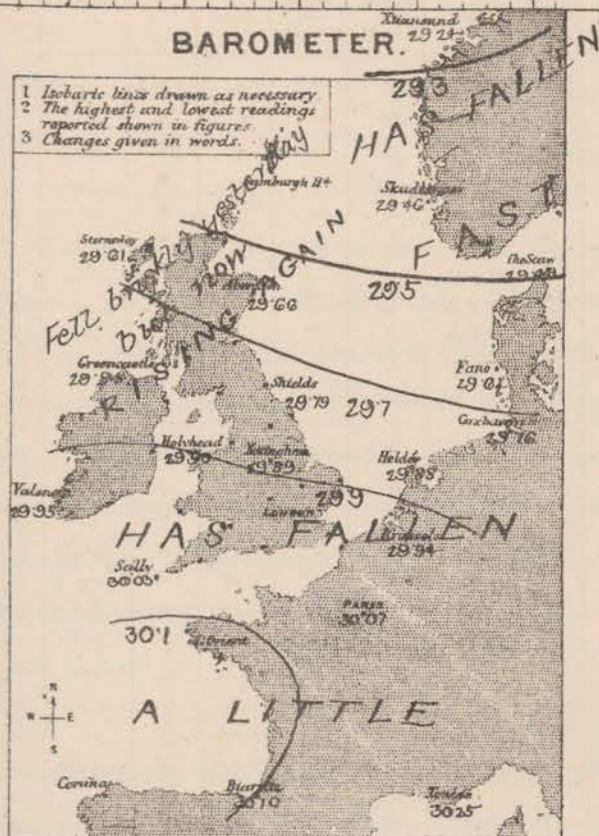
# WEATHER CHARTS

AND REMARKS FOR

SATURDAY 1<sup>ST</sup> AUGUST 1874 AT 8 A.M.

## BAROMETER.

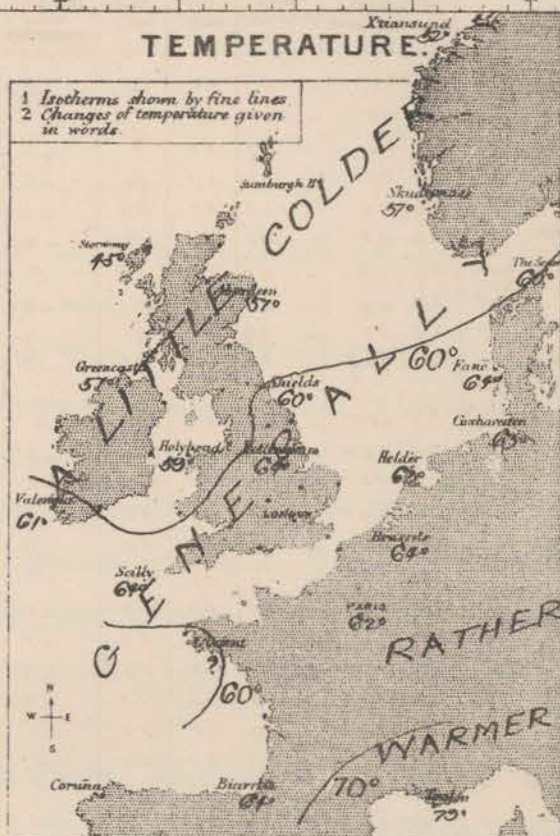
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



The fall of the barometer, which had commenced in the north-west yesterday morning has extended to all coasts and been most marked in Norway, while at the north-western stations a recovery has set in during the night. The highest readings reported are still found in the west of France, and while the gradient from Scilly to Sweden is 0.035 in. that from Sweden to Wick is 0.10 in. per 50 miles.

## TEMPERATURE.

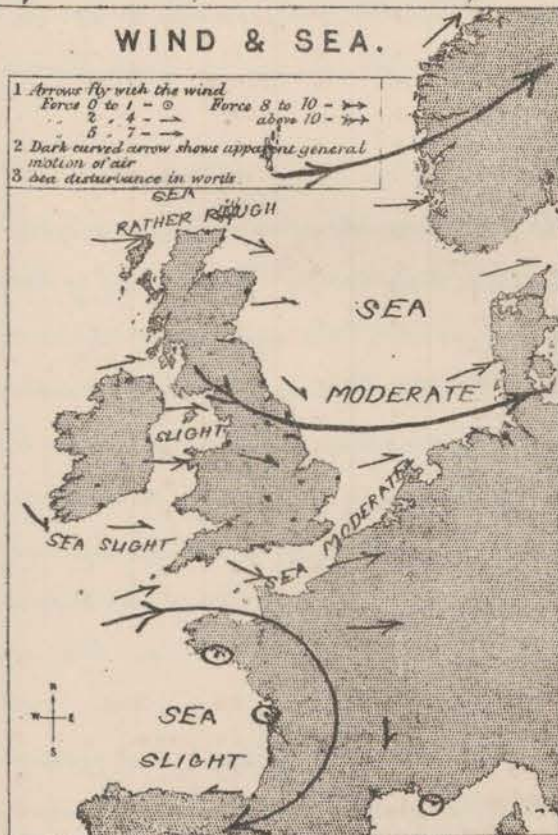
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperatures has decreased generally, especially in Scotland and the west of Norway.

## WIND & SEA.

- 1 Arrows fly with the wind  
Force 0 to 4 - Force 5 to 10 -   
Force 11 to 16 - Force 17 to 24 -
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words

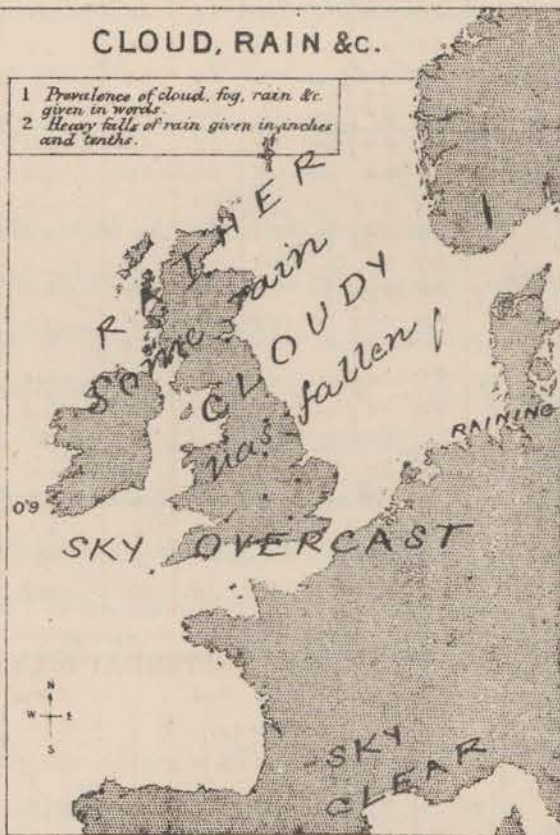


The wind became rather strong from the NW on our north-western coasts last night and was moderate to fresh from the same quarter elsewhere. W. winds are now general, varying in strength from a light to a fresh breeze.

The sea is rather rough in the extreme north, moderate in the Channel, slight elsewhere.

## CLOUD, RAIN & C.

- 1 Prevalence of cloud, fog, rain &c. given in words
- 2 Heavy falls of rain given in inches and tenths



A little rain has fallen except at the most southern stations, and continues in the south-east, as well as in the north of Scotland. The sky is cloudy generally, especially in the south of England.

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



# SUMMARY OF WEATHER IN WESTERN EUROPE

from 26<sup>TH</sup> JULY to 1<sup>ST</sup> AUGUST 1874.

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

The changes of pressure during this week have not been very large. Readings were at first lowest in the north west and west, but after the 28<sup>th</sup> the area of lowest barometrical (which was very shallow) travelled E<sup>ward</sup>, and apparently became dispersed. Thus the SW winds which at first prevailed veered slowly to the NW<sup>ward</sup>. Pressure then became highest over the Bay of Biscay, and a series of depressions began to travel from W to E over the northern parts of the Kingdom, producing light to fresh SW<sup>ly</sup> to W<sup>ly</sup> winds generally. The weather has been cloudy, not very warm, in fact some of the night readings have been low. Rain has fallen in most places; and, during the early and middle parts of the week, thunderstorms were very prevalent.

26<sup>TH</sup> JULY. The fall of the mercury in the west noticed at the close of last week had continued very briskly and extended to all parts of the United Kingdom. The centre of a large but apparently shallow depression lay to the NW<sup>ward</sup> of our Islands, while the highest readings were reported from the north of Spain. Light to moderate W<sup>ly</sup> breezes were felt on our south-west coasts and over the Bay of Biscay, drawing into S in the east and north of G<sup>re</sup> Britain, while N<sup>ly</sup> and NW<sup>ly</sup> airs were felt on the eastern shores of the North Sea. Temperature fell in our Islands but rose a little on the Continent. The sky was very cloudy generally in the morning, especially in the east and south-east, and a few showers fell; but during the day the weather improved.

27<sup>TH</sup> JULY. The decrease of pressure in the north-west had apparently ceased and a slight recovery set in during the night over the greater part of the United Kingdom. In the Bay of Biscay, however, and on our south-west coast a fall of the mercury had commenced and extended in a less degree over France. The wind had backed more towards S in the British Isles and France, while light NE<sup>ly</sup> breezes showed themselves in Norway. Temperature had again fallen in Ireland but rose generally elsewhere, though the maxima reported were not so high as those of the 26<sup>th</sup>. The sky was cloudy except on the eastern shores of the North Sea, and during the day some rain fell very generally, accompanied by thunder and lightning in many parts of G<sup>re</sup> Britain. A waterspout was observed in S<sup>th</sup> George's Channel, near S<sup>th</sup> Ann's H<sup>ar</sup>, in the evening.

28<sup>TH</sup> JULY. The fall of the barometer in the south-west, though slight, had extended to all but the Scotch stations, where a rise took place; so that readings were now lowest over Ireland and Wales, but gradients were slight everywhere. Very light SW<sup>ly</sup> breezes were felt in France and the Channel, drawing into S in the south of Ireland and east of England, and to E on our north-west coasts. Light E<sup>ly</sup> breezes were also felt in the west of Norway. Temperature fell very generally. The sky became much clearer in the west, but was cloudy, and the weather showery elsewhere. Thunderstorms prevailed very generally in the west and north during the day.



29<sup>th</sup> JULY During the night a brisk recovery of pressure had taken place in the west of our Islands and extended even to our most eastern and northern stations, while a slight further fall was felt in Denmark. The lowest readings now lay over the North Sea, but gradients were extremely slight everywhere. Very light N to NW breezes had set in over the greater part of the British Isles, and moderate NE<sup>ly</sup> in Norway. Temperature changed very irregularly, the tendency in the west having been to rise, and it rose rather higher in most places during the day than it had done of late. The sky became much clearer generally, and though thunder showers occurred at some places the weather was otherwise dry.

30<sup>th</sup> JULY The recovery of pressure in the west had continued and extended to all but the Scandinavian stations. At 8 am readings varied from rather over 30.1 ins. in the Bay of Biscay to 29.6 in the extreme north. Light W<sup>ly</sup> breezes were prevalent in the United Kingdom, drawing into NW over the Netherlands and France. Temperature did not change much, except in the eastern and central parts of England, where it rose. The sky was cloudy in the north-west, and clear elsewhere. During the morning the wind backed a little in the north-west.

31<sup>st</sup> JULY Readings continued highest over the Bay of Biscay. During the night the barometer began to fall briskly at our north-western stations, and a depression was apparently advancing over the more northern stations from the W<sup>nd</sup>. The wind remained light, but backed to SW gradually over the whole kingdom. Temperature showed little change. Clouds increased in amount; and later in the day the wind, as it veered again, rose to a strong breeze from the W<sup>nd</sup> in the north-west, and rain fell at all but our most south-eastern and the French stations.

1<sup>st</sup> AUGUST The disturbance noticed in the north-west yesterday had advanced to Scandinavia and a recovery of pressure had set in over the north-west of our Islands during the night. The region of maximum pressure still lay over the Bay of Biscay. Fresh W<sup>ly</sup> breezes were blowing in the north of Scotland and on the eastern shores of the North Sea, and light to moderate winds from the same quarter over England, Ireland, and the north of France. Temperature fell a little except in the south-east of France. The sky was very cloudy generally, and rain still fell in the north. Towards night the mercury again began to fall fast in the north-west and a new area of low pressure advanced towards the north of Scotland from the Atlantic.



Sun-day 8 a.m.

# WEATHER REPORT. AUGUST. 2<sup>nd</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance— 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. — (0 to 12.)	Force. — (0 to 12.)					Dirac.
Haparanda ...	29. 18	-. 69	60	56	+ 4	*	*	E	4	2	S	*	0	*	*
Hernösand ...	29. 17	-. 27	53	48	- 7	*	*	NW	6	2	S	*	0	*	*
Stockholm ...	29. 40	-. 16	56	50	- 6	*	*	W	4	6	W	*	6	*	*
Wisby ...						*	*					*		*	*
Christiansund...	29. 41	+ . 17	53	50	+ 1	*	*	SSW	6	10	WSW	*	0 c	*	5
Skudesnaes ...	29. 50	+ . 04	57	52	0	*	*	SSE	6	8	W	*	c o	*	5
Oxö (X'tiansand)	29. 63	+ . 20	57	52	- 1	*	*	W	4	6	WNW	*	b c	*	3
Skagen (The Skaw)	29. 65	+ . 17	59	54	- 1	*	*	WNW	4	*	*	*	c	—	*
Fanö ...	29. 76	+ . 06	64	58	0	*	*	WSW	4	*	*	*	c	—	*
Cuxhaven ...	29. 87	+ . 11	62	58	- 1	?	55	SW	3	5	NW	4	2 c	0. 25	*
Sumburgh Head															
Stornoway (Hebrides)	29. 19	-. 42	56	54	+ 1	59	50	WSW	7	7	?W	9	g l p	0. 22	6
Thurso...	29. 16	-. 34	60	57	+ 4	62	50	SW	3	6	WNW	5	g c	0. 10	3
Wick ...	29. 16	-. 37	59	57	+ 4	62	50	W	6	6	W	6	c	—	2
Nairn ...	29. 27	-. 37	64	57	+ 7	65	53	SW	3	3	SW	2	c b	0. 12	2
Aberdeen ...	29. 29	-. 37	67	59	+ 10	68	55	W	5	6	W	5	c	0. 02	2
Leith ...	29. 41	-. 34	65	63	+ 8	69	56	W	7	5	W	5	c	0. 03	*
Shields...	29. 53	-. 26	65	61	+ 5	66	58	W	7	4	WNW	5	0 c	—	1
York ...	29. 67	-. 20	67	63	+ 5	69	55	WSW	2	3	W	5	c	—	*
Scarborough ...	29. 59	-. 23	68	64	+ 7	69	54	WSW	4	3	WNW	9	c o	—	3
Nottingham ...	29. 72	-. 17	68	66	+ 4	76	57	SW	5	6	SW	10	b v	—	*
Ardrossan ...	29. 49	-. 30	61	57	+ 1	68	57	W	6	6	WSW	6	c	0. 01	3
Greencastle ...	29. 55	-. 29	58	54	+ 1	64	57	W	6	6	W	7	c	0. 03	*
Donaghadee ...	29. 58	-. 27	62	58	+ 3	66	54	W	6	6	W	7	c	—	4
Kingstown ...	29. 68	-. 24	65	61	+ 6	67	59	W	6	5	W	8	g o	—	4
Holyhead ...	29. 69	-. 21	61	61	+ 2	67	57	SW	5	5	SW	10	p o w	0. 01	3
Liverpool (Bidston Obs.)	29. 65	-. 24	65	60	+ 6	65	59	SW	5	6	SW	7	c	—	3
Valencia ...	29. 86	-. 09	60	58	- 1	67	57	NW	4	4	NW	9	g o	0. 04	4
Roche's Point...	29. 80	-. 16	60	56	0	70	59	WNW	4	4	WNW	5	g l c	—	3
Pembroke ...	29. 80	-. 15	61	61	+ 2	78	58	WSW	6	6	WSW	10	g o	0. 03	4
Portishead ...	29. 82	-. 12	67	65	+ 4	75	59	WSW	4	6	W	10	p o	0. 13	2
Scilly ...	29. 91	-. 12	63	62	- 2	68	61	WSW	5	5	WSW	8	f	0. 02	4
Plymouth ...	29. 90	-. 12	63	63	0	70	61	WSW	3	3	WSW	10	d o	0. 01	*
Hurst Castle ...	29. 88	-. 09	65	63	+ 1	72	63	WSW	3	6	W	10	o o w	—	3
Dover ...	29. 87	-. 08	63	62	- 1	68	61	SW	3	4	WSW	10	d f o	0. 01	3
London ...	29. 84	-. 10	68	64	+ 6	70	59	WSW	3	3	W	10	c b o	—	*
Oxford...	29. 81	-. 12	67	65	+ 3	72	60	SW	3	4	WSW	10	c g	—	*
Cambridge ...	29. 79	-. 12	69	64	+ 9	74	56	SW	2	2	SW	10	c w	—	*
Yarmouth ...	29. 81	-. 08	66	64	+ 6	69	59	SW	4	4	SW	8	c o	—	2
Helder...															
Cape Gris Nez...	29. 91	-. 05	63	63	+ 1	64	60	SW	4	5	WSW	10	r	—	3
Brest ...	30. 02	-. 11	61	61	+ 1	68	59	SW	1	4	W	10	o f	—	3
L'Orient ...	?	?	70	70	+ 11	74	?	WNW	1	4	WNW	10	o f	—	3
Rochefort ...	30. 02	-. 08	69	63	+ 3	?	61	E	4	5	NN	0	c b	—	3
Biarritz ...	29. 95	-. 15	69	65	+ 5	71	63	Z	0	5	NNE	3	c f	—	4
Corunna ...															
Brussels ...	29. 94	. 00	64	*	0	*	*	W	3	*	*	*	0	*	*
Charleville ...	30. 01	+ . 01	63	*	+ 3	*	*	W	3	*	*	*	0	*	*
Paris ...	30. 01	-. 08	66	*	+ 4	74	63	SW	3	?	?	9	0	—	*
Lyons ...	?	?	68	*	+ 2	*	*	N	3	*	*	*	6	*	*
Toulon...	29. 95	-. 30	78	68	- 1	87	68	NE	1	3	NW	1	c b	—	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.53	55	51	?	8	*	e	5	Valencia ...	29.94	64	62	nw	3	9	0	3
Thurso ...	29.59	59	52	wnw	5	4	c	5	Scilly ...	30.04	65	65	wsnw	5	10	f	4
Scarborough...	29.84	68	59	wnw	2	5	c	2	London ...	29.93	69	63	w	2	10	0	*
Greencastle ...	29.84	65	57	w	4	3	b	*	Rochefort...	30.11	72	65	nw	4	0	f	3
Holyhead ...	29.94	64	59	sw	2	6	on	2									

No important change.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

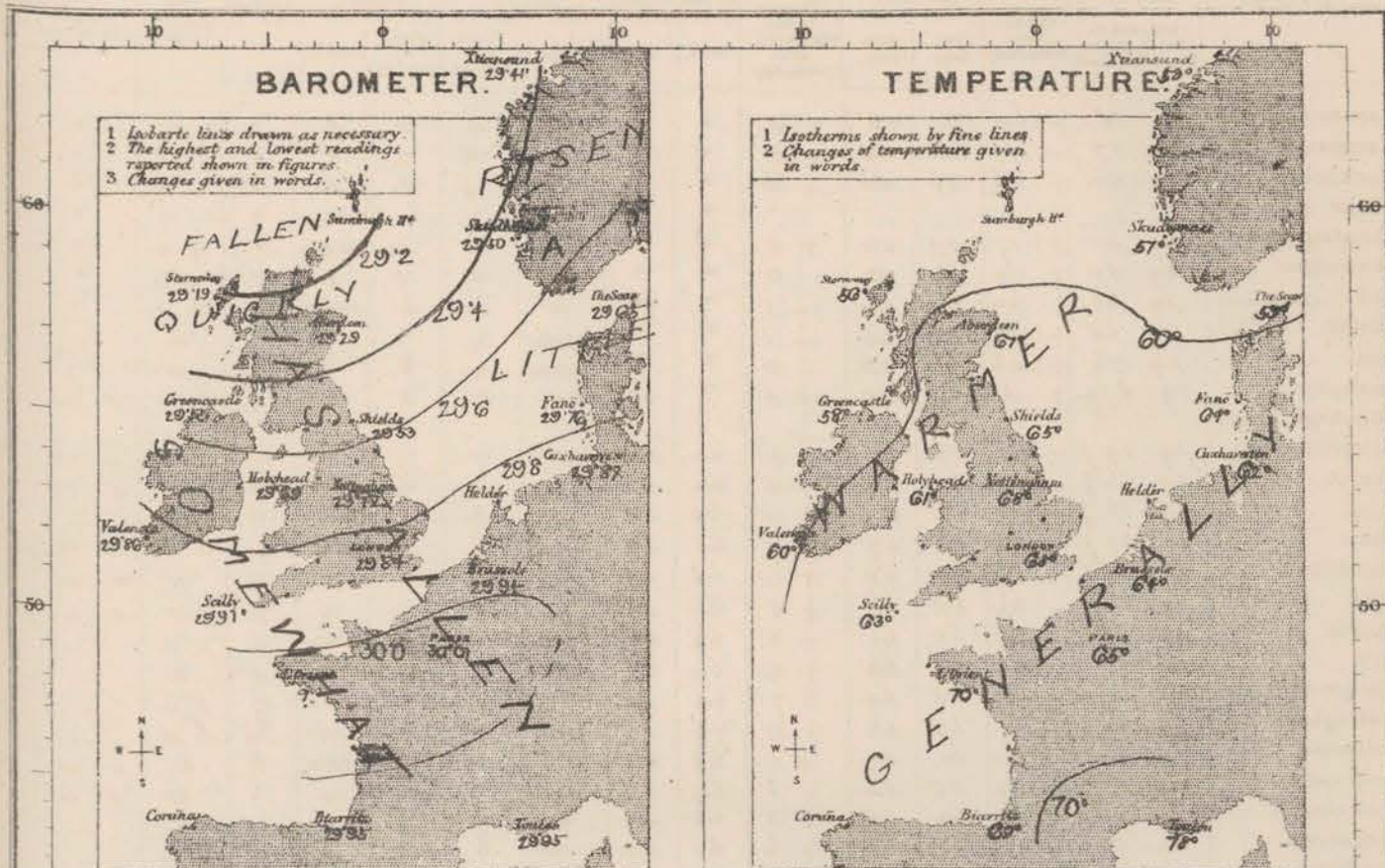
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

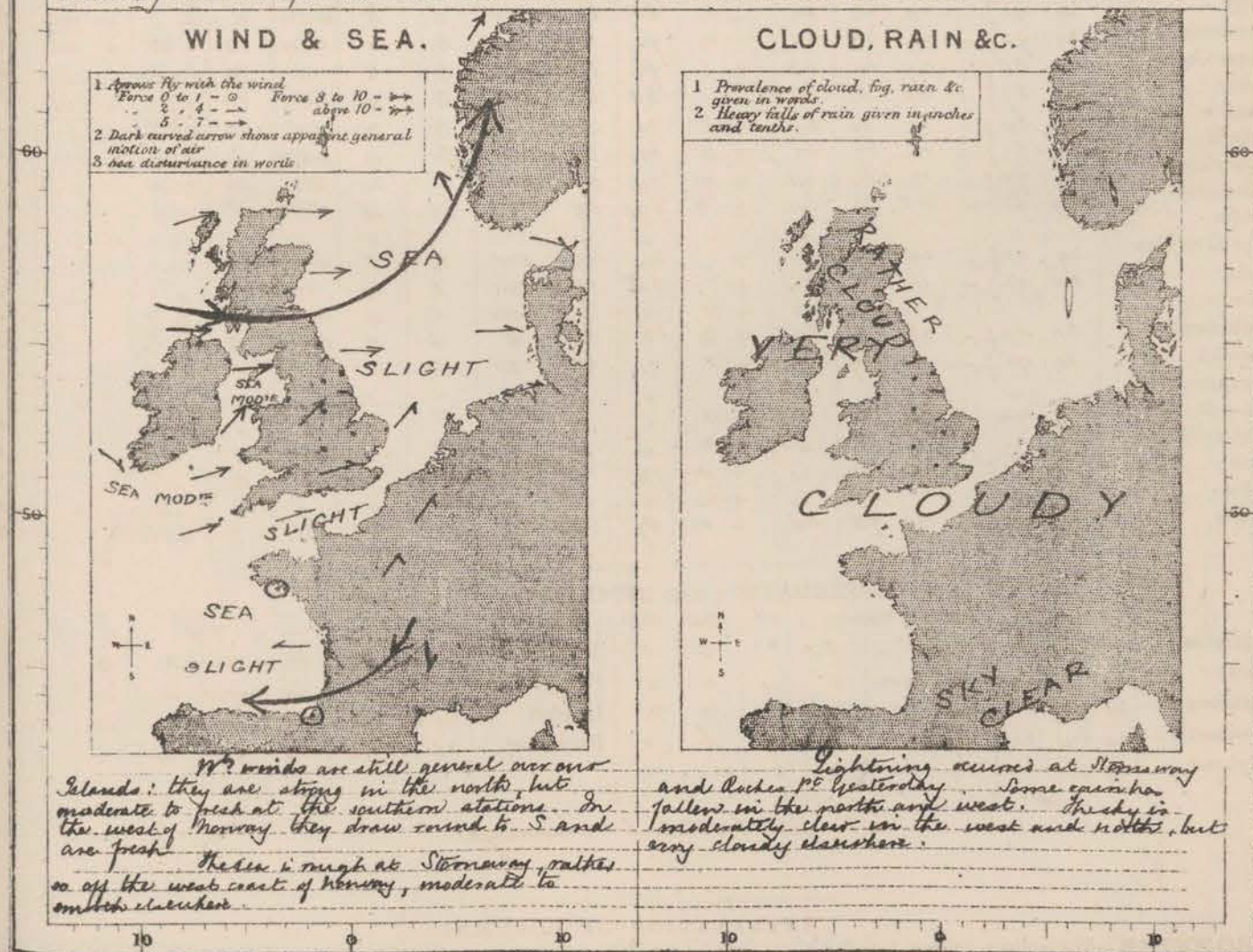
## AND REMARKS FOR

### SUNDAY 2<sup>ND</sup> AUGUST 1874 AT 8 A.M.



During the past night a rapid decrease of pressure has taken place on our northern coast, extending in a less degree to all parts of our Islands and coast, but on the eastern shore of the North Sea a recovery from the previous disturbance has been in progress. The gradient from coast to Stornoway is 0.06 in., while that from Stornoway to Stornoway is 0.10 in. per 50 miles.

Temperature has risen somewhat over the greater part of our Islands and coast, but is very little changed in Norway and Denmark.



W. winds are still general over our Islands: they are strong in the north, but moderate to fresh at the southern stations. In the west of Norway they draw round to S and are fresh. There is much at Stornoway, rather so off the west coast of Norway, moderate to strong elsewhere.

Lightning occurred at Stornoway and Lough L. yesterday. Some rain has fallen in the north and west. The sky is moderately clear in the west and north, but very cloudy elsewhere.

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

Daguerfield, Lith. 22, Bedford St. Covent Garden.



Monday 8 a.m.

# WEATHER REPORT. August 3<sup>rd</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)					Direc.
Haparanda ...	29.63	+ .45	56	53	- 4	*	*	SW	2	2	SE	*	ob	*	*
Hernösand ...	29.09	- .06	59	57	- 6	*	*	SW	4	2	W	*	bc	*	*
Stockholm ...	29.36	- .04	64	56	- 8	*	*	SW	8	6	SW	*	oc	*	*
Wisby ...	29.62	-	66	60	-	*	*	SW	6	6	SW	*	cb	*	*
Christiansund ...	29.07	- .37	52	51	- 1	*	*	SW	8	6	SSW	*	co	*	4
Skudesnaes ...	29.42	- .08	54	50	- 3	*	*	WNW	6	6	SSW	*	bc	*	4
Oxö (X'tiansand) ...	29.36	- .27	58	55	+ 4	*	*	SW	6	6	SSW	*	bc	*	4
Skagen (The Skaw) ...	29.47	- .18	62	58	+ 3	*	*	WSW	6	*	*	*	e	-	*
Fanö ...	29.62	- .14	63	58	- 1	*	*	WSW	6	*	*	*	c	0.08	*
Cuxhaven ...	29.70	- .17	66	61	+ 4	?	64	WNW	4	3	SW	7	co	-	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.68	+ .49	52	51	- 4	60	45	WSW	2	7	WSW	3	rb	0.32	2
Thurso ...	29.60	+ .24	54	50	- 6	65	48	NW	4	7	SW	5	gc	0.09	4
Wick ...	29.63	+ .47	57	49	- 8	63	45	N	4	8	NW	7	co	0.02	2
Nairn ...	29.70	+ .43	53	49	- 11	65	49	SW	1	7	W	7	bc	0.03	2
Aberdeen ...	29.68	+ .39	55	49	- 12	69	38	NW	3	7	W	7	c	0.01	1
Leith ...	29.76	+ .35	58	54	- 7	68	51	NW	3	9	W	5	c	-	*
Shields ...	29.76	+ .23	58	52	- 11	72	54	NW	4	8	W	9	cu	-	1
York ...	29.87	+ .20	60	56	- 7	73	53	W	2	4	W	3	b	-	*
Scarborough ...	29.77	+ .18	61	55	- 7	70	54	WNW	3	6	W	5	c	-	3
Nottingham ...	29.86	+ .14	63	56	- 5	79	49	WNW	4	7	W	6	?	-	*
Ardrossan ...	29.80	+ .31	57	51	- 4	62	55	NW	3	7	WNW	5	c	-	2
Greencastle ...	29.86	+ .31	56	50	- 8	61	50	W	4	8	W	8	rp	0.57	*
Donaghadee ...	29.83	+ .25	56	52	- 6	65	52	WNW	5	7	W	4	c	-	4
Kingstown ...	?	?	55	50	- 10	67	53	WNW	6	7	W	1	cb	-	4
Holyhead ...	29.89	+ .20	57	53	- 4	69	54	WNW	5	5	WSW	4	bc	-	4
Liverpool (Bidston Obs.) ...	29.85	+ .20	57	51	- 8	68	54	W	5	7	W	4	oc	0.01	4
Valencia ...	30.08	+ .22	56	53	- 4	62	53	WNW	4	5	NW	6	pc	0.06	4
Roche's Point ...	30.03	+ .23	58	54	- 2	67	52	NW	5	5	NW	6	c	-	4
Pembroke ...	29.99	+ .19	57	53	- 4	64	56	NW	4	6	W	3	bc	-	3
Portishead ...	29.94	+ .12	65	58	- 2	71	53	W	4	6	WSW	4	pc	0.02	2
Scilly ...	30.05	+ .14	60	56	- 3	67	58	NW	5	6	WNW	5	gc	-	6
Plymouth ...	30.00	+ .10	62	59	- 1	69	55	NW	3	3	NW	3	bc	-	*
Hurst Castle ...	29.95	+ .07	64	57	- 1	69	56	NNW	2	5	W	3	ob	-	2
Dover ...	29.88	+ .01	66	62	+ 3	68	57	WSW	3	5	SW	2	cbg	-	1
London ...	29.91	+ .07	62	57	- 6	77	59	WNW	2	5	W	2	gc	-	*
Oxford ...	29.91	+ .10	60	54	- 7	75	49	W	2	3	WSW	3	cb	-	*
Cambridge ...	29.88	+ .09	61	56	- 8	80	50	WSW	2	4	SW	1	b	-	*
Yarmouth ...	29.85	?	60	55	- 6	77	53	WNW	3	4	WSW	0	b	-	1
Helder ...	29.77	-	64	*	-	*	*	WSW	6	*	*	*	*	*	4
Cape Gris Nez ...	29.89	- .02	59	54	- 4	68	58	WNW	3	5	WSW	7	ro	-	2
Brest ...	30.09	+ .07	60	53	- 1	68	58	WNW	3	3	NNW	10	o	-	3
L'Orient ...	?	?	?	?	?	?	?	N	4	4	WNW	4	bc	-	3
Rocheport ...	30.00	- .02	67	63	0	72	64	N	3	5	NW	7	bc	-	3
Biarritz ...	29.99	+ .04	70	66	+ 1	77	68	NW	4	4	NE	8	gr	-	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.90	- .04	66	*	+ 2	*	*	WSW	1	*	*	*	b	*	*
Charleville ...	29.92	- .09	68	*	+ 5	*	*	SW	1	*	*	*	o	*	*
Paris ...	29.92	- .09	66	*	+ 1	78	65	N	5	3	SW	10	o	-	*
Lyons ...	?	?	72	*	+ 4	*	*	N	1	*	*	*	b	*	*
Toulon ...	29.95	.00	63	49	- 15	91	59	E	3	1	W	9	bo	-	2

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

Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.26	60	59	SSW	6	*	Valencia ...						
Thurso ...							Scilly ...						
Scarborough...							London ...						
Greencastle ...						*	Rocheport...	29.97	81	68	NNW	3	0
Holyhead ...													

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

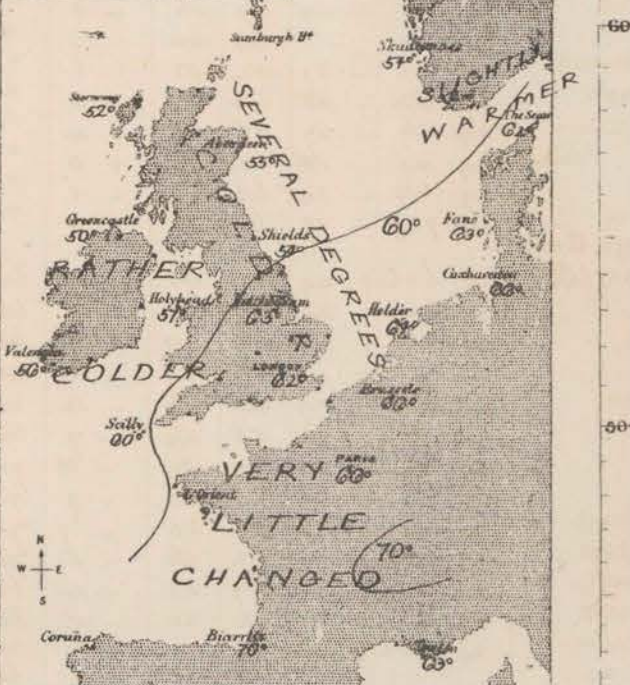
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



MONDAY 3<sup>RD</sup> AUGUST 1874 AT 8 A.M.



The barometrical disturbance which had made its appearance over our northern coasts yesterday morning has now passed on to the Scandinavian stations, and a recovery has consequently taken place over the British Isles and their neighbourhood, which has been greatest in Scotland. The highest reading still lies over the SW stations, and the gradient from Valencia to Aberdeen is 0.06 mm, while that from Aberdeen to Christiansund is 0.09 mm per 50 miles.

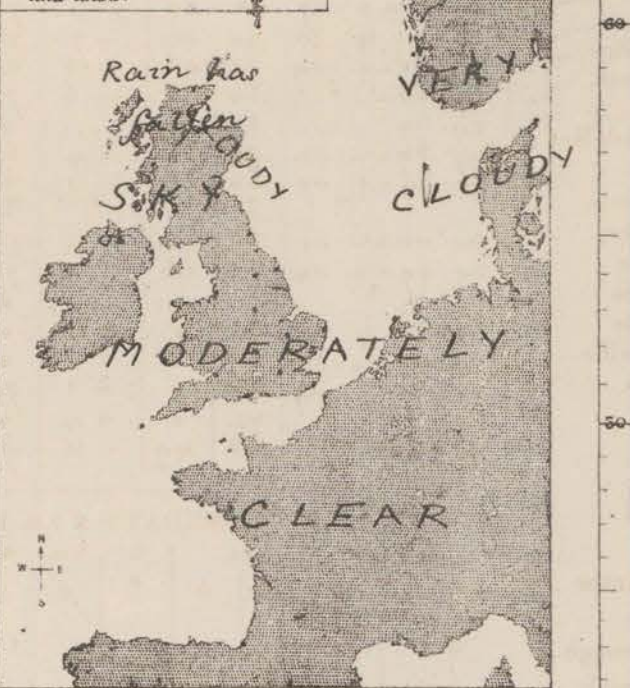


Temperature has fallen over our Islands, especially on the north coast coasts. At Aberdeen and Shields the change exceeds 10°.



The wind rose to a strong breeze or fresh gale over most of our northern stations yesterday, and to a fresh breeze in the south, but has now veered to the NW<sup>W</sup> or N<sup>W</sup> and moderated generally, while strong W winds have appeared on the eastern shores of the North Sea.

The sea is rough at Scilly, moderate on our western coasts, generally, slight or smooth in the east.



Showers of rain have fallen in the west and north. The sky has since become moderately clear generally.

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" " " " 5/- per quarter.

*Meteorological Office*  
116, Victoria Str<sup>t</sup>, Westminster, S.W.  
ROBERT H. SCOTT, Director.



Tues-day 8 a.m.

# WEATHER REPORT. August, 4<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distur- ance— 0 to 3.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29.37	-26	54	50	-2	*	*	NW	2	2	SW	*	ob	*	*
Hernösand ...	29.54	+45	55	47	-4	*	*	WNW	4	2	NW	*	cb	*	*
Stockholm ...	29.57	+15	57	53	-7	*	*	SW	2	4	WSW	*	co	*	*
Wisby ...						*	*					*		*	
Christiansund ...	29.58	+51	49	46	-3	*	*	SW	8	?	?	*	c	*	5
Skudesnaes ...	29.73	+31	54	52	0	*	*	W	2	6	WSW	*	co	*	3
Oxö (X'tiansand) ...	29.75	+39	52	49	-6	*	*	SW	4	4	W	*	b	*	3
Skagen (The Skaw) ...	29.71	+24	58	53	-4	*	*	NW	4	*	*	*	b	—	*
Fanö ...	29.87	+25	62	55	-1	*	*	W	4	*	*	*	b	0.04	*
Cuxhaven ...	29.942	+24	60	55	-6	66	?	NW	3	5	NW	2	ob	—	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.738	+05	55	52	+3	58	42	SE	1	4	W	2	pb	0.03	1
Thurso ...	29.702	+10	56	50	+2	62	46	NW	1	4	NW	3	cb	0.06	2
Wick ...	29.745	+11	55	57	+4	61	45	NW	1	4	NW	5	c	0.02	1
Nairn ...	29.768	+06	53	50	-4	63	47	Z	0	3	SW	7	c	0.03	1
Aberdeen ...	29.748	+06	53	50	-2	62	44	SSW	1	3	NW	9	co	0.07	0
Leith ...	29.708	+02	53	52	-5	67	50	N	1	3	NW	10	cd	—	*
Shields ...	29.802	+04	55	52	-3	63	49	WSW	4	4	NW	9	cg	0.12	1
York ...	29.802	+02	53	52	-7	67	50	S	1	3	W	10	ctr	0.26	*
Scarborough ...	29.832	+06	54	53	-7	63	50	SW	1	3	N	10	er	0.12	1
Nottingham ...	29.858	-01	55	55	-8	73	50	SSW	4	4	WNW	10	r	0.12	*
Ardrossan ...	29.758	-05	53	52	-4	63	52	E	2	3	W	8	ed	0.09	2
Greencastle ...	29.708	-16	52	57	+2	58	50	ENE	3	5	NW	10	pr	0.28	*
Donaghadee ...	29.648	-19	52	57	-4	63	50	E	6	6	E	10	cd	0.24	4
Kingstown ...	29.638	?	63	60	+8	64	54	WSW	4	3	WNW	10	go	0.14	3
Holyhead ...	29.758	-14	57	56	0	64	53	SSW	5	4	WNW	10	r	0.57	3
Liverpool (Bidston Obs.) ...	29.748	-11	53	52	-4	62	51	SE	2	6	W	10	er	0.18	3
Valencia ...	29.928	-16	59	55	+3	62	55	WNW	5	5	W	6	gc	0.04	5
Roche's Point ...	29.738	-30	59	56	+1	61	57	W	5	6	WSW	7	pe	0.07	4
Pembroke ...	29.788	-21	57	57	0	60	56	SW	8	8	SW	10	er	0.11	6
Portishead ...	29.888	-06	55	53	-10	69	53	W	5	6	?	10	cw	0.02	2
Scilly ...	29.968	-09	60	58	0	64	57	SW	6	6	SW	9	cw	—	6
Plymouth ...	29.918	-09	60	57	-2	71	56	SW	5	5	NW	10	cw	—	*
Hurst Castle ...	29.978	+02	60	57	-4	74	58	SW	4	4	SW	10	br	0.03	3
Dover ...	29.992	+11	60	54	-6	70	55	SW	3	3	WNW	5	cg	—	2
London ...	29.978	+06	59	55	-3	72	48	SSW	2	4	NW	9	cbo	—	*
Oxford ...	29.918	00	58	54	-2	69	50	SW	3	4	WNW	10	cg	—	*
Cambridge ...	29.938	+05	59	54	-2	70	48	SW	1	2	NW	10	cw	—	*
Yarmouth ...	29.958	+10	57	53	-3	68	57	SSW	2	3	W	8	bo	—	2
Helder ...	29.968	+19	62	*	-2	*	*	SW	4	*	*	*	*	—	2
Cape Gris Nez ...	30.022	+13	60	55	+1	67	58	W	3	4	W	10	co	—	2
Brest ...	30.148	+05	60	56	0	67	56	WSW	4	4	WSW	8	o	—	4
L'Orient ...	?	?	71	67	?	74	?	NW	1	5	N	3	cg	—	3
Rochefort ...	30.132	+13	61	59	-6	?	56	N	4	7	NW	0	b	—	3
Biarritz ...	30.152	+16	66	61	-4	69	61	W	4	5	NW	9	go	—	4
Corunna ...	30.18	—	61	*	—	*	*	NE	6	*	*	*	o	*	7
Brussels ...	30.09	+19	60	*	-6	*	*	WNW	1	*	*	*	b	*	*
Charleville ...	30.01	+09	55	*	-13	*	*	SSE	1	*	*	*	b	*	*
Paris ...	30.102	+18	65	*	-1	71	57	W	3	5	NW	0	cb	—	*
Lyons ...	?	?	72	*	0	*	*	NE	1	*	*	*	b	*	*
Toulon ...	29.962	+01	72	63	+9	83	71	NW	4	4	NW	4	oc	—	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.62	55	49	WNW	6	*	c	4	Valencia ...	30.13	61	55	W	4	c	4
Thurso ...	29.67	59	53	WNW	3	7	c	4	Scilly ...	30.13	63	57	NW	5	3	b
Scarborough...	29.87	58	54	NE	2	6	c	2	London ...	29.95	68	56	WNW	3	7	c
Greencastle ...	29.92	58	54	NW	5	6	c	*	Rochefort...	30.01	77	66	N	4	0	b
Holyhead ...	29.99	63	57	WNW	4	2	b	4								

The barometer continues to rise everywhere. The wind has shifted to NE at Scarborough, with a fall of temperature, but elsewhere little change has occurred.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



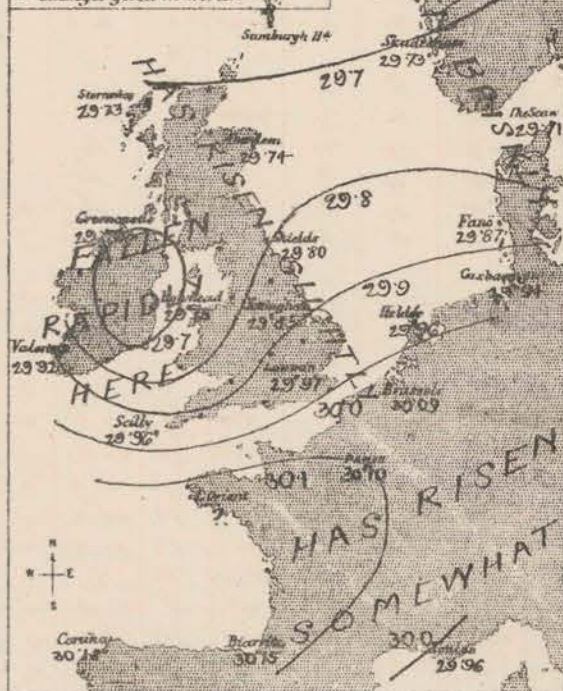
# WEATHER CHARTS

AND REMARKS FOR

TUESDAY 4<sup>TH</sup> AUGUST 1874 AT 8 A.M.

## BAROMETER.

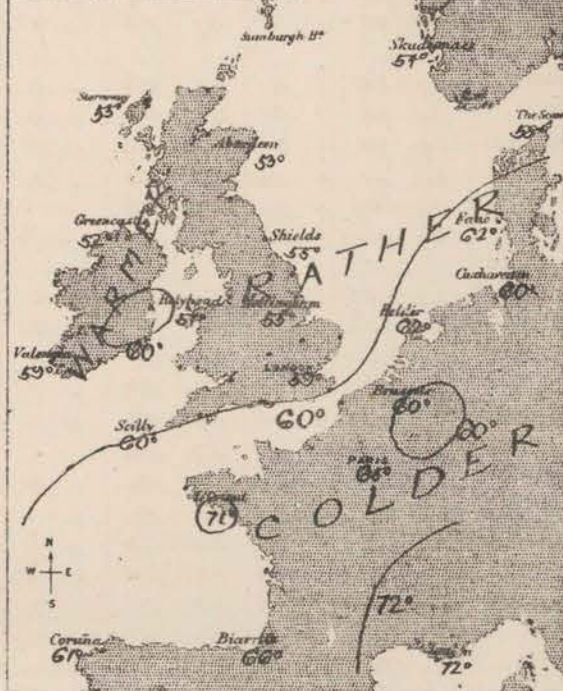
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



The recovery of barometrical pressure from the disturbance which was passing away to the E. yesterday has been very brisk in Norway and Denmark; but during the night a fresh and sudden fall has set in at our western stations, owing to the advance of a well-marked depression over Ireland. Gradients over the north of Ireland are steep for N.W. winds, that from Valencia to Lisbon P. being 0.12 in per 50 miles.

## TEMPERATURE.

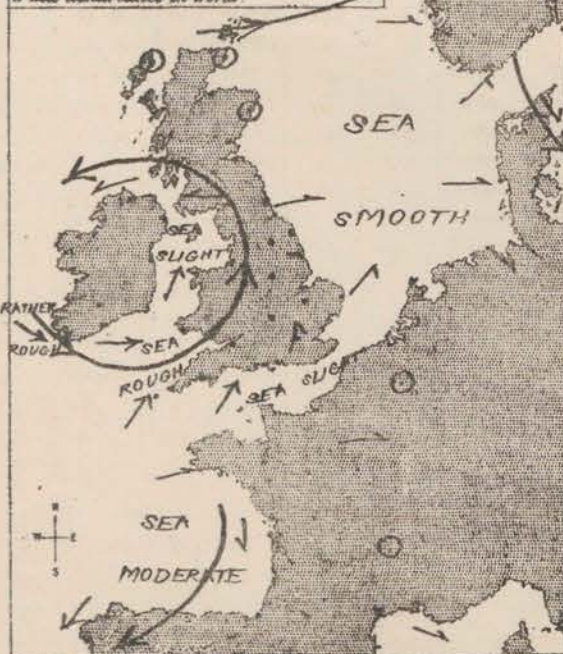
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen several degrees in Ireland, but fallen elsewhere. In London it fell to 48° in the shade, and 37° on the grass during the night.

## WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - - - Force 8 to 10 - - - Force 11 to 12 - - -
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words.



The wind has backed quickly into S.W. over England during the night, and flows strongly at the south-western stations, while in the south of Ireland it is fresh from W. On our north-western coast moderate E. breezes are felt, blowing round the northern side of the depression over Ireland. The sea is rough in St. George's Channel, moderate to smooth elsewhere.

## CLOUD, RAIN &c.

- 1 Prevalence of cloud, fog, rain &c. given in words.
- 2 Heavy falls of rain given in inches and tenches.



Rain has fallen over all the northern and western parts of our Islands, and continues in many places. Thunder has occurred at York. The sky is overcast except in France, the Netherlands and north of Scotland.

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

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

ROBERT H. SCOTT, Director.

Dangerfield, Lith. London



Wednesday 8 a.m.

# WEATHER REPORT. August. 5<sup>16</sup> 1874.

STATIONS.	BAROMETER.			THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M.  Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29. 55	+ .18	52	50	- 2	*	*	W	2	2	SW	*	b	*	*
Hernösand ...	29. 58	+ .04	55	51	0	*	*	N	2	2	SW	*	c	*	*
Stockholm ...	29. 71	+ .20	58	52	+ 1	*	*	SW	2	2	WSW	*	bc	*	*
Wisby ...	29. 86	+ .18	62	57		*	*	SW	4	2	W	*	bc	*	*
Christiansund ...	29. 57	- .07	56	48	+ 7	*	*	S	4	4	WSW	*	eb	*	5
Skudesnaes ...	29. 60	- .13	58	53	+ 4	*	*	NNE	2	4	W	*	eb	*	3
Oxö (Christiansund)	29. 60	- .15	56	50	+ 4	*	*	NE	2	4	SW	*	e	*	2
Skagen (The Skaw)	? 29. 61	- .10	56	54	- 2	*	*	SW	2	*	*	*	o r	-	*
Fanö ...	29. 47	- .40	57	56	- 5	*	*	N	4	*	*	*	e	1.54	*
Cuxhaven ...	29. 60	- .34	61	60	+ 1	?	55	N	5	3	NNW	6	o	0.15	*
Samburgh Head ...	29. 47	- .20	51	49	- 2	59	45	WSW	1	3	NW	10	ef	0.26	4
Stornoway (H. brides)	29. 39	- .34	52	51	- 3	58	47	SW	2	2	W	10	fr	0.21	2
Thurso ...	29. 45	- .25	51	49	- 5	62	47	SSE	2	2	N	9	ca	0.05	2
Wick ...	29. 45	- .29	52	50	- 3	61	45	SW	1	1	S	10	o	0.21	1
Nairn ...	29. 52	- .24	53	51	0	63	47	2	0	1	NE	10	bo	-	1
Aberdeen ...	29. 58	- .16	55	50	+ 2	60	45	SSW	2	2	SSW	8	co	-	0
Leith ...	29. 63	- .15	54	52	+ 1	65	46	SW	2	3	E	6	e	0.02	*
Shields ...	29. 70	- .10	54	50	- 1	57	46	W	3	3	ESE	8	ro	0.20	1
York ...	29. 78	- .11	57	53	+ 4	58	43	WSW	1	2	S	8	o	0.25	*
Scarborough ...	29. 73	- .10	55	52	+ 1	56	45	WSW	2	3	SE	6	re	0.77	2
Nottingham ...	29. 80	- .05	57	54	+ 2	62	38	SW	3	7	S	10	re	0.24	*
Ardrossan ...	29. 61	- .14	55	51	+ 2	60	57	SSW	4	4	NW	8	er	-	3
Greencastle ...	29. 54	- .16	52	51	0	58	57	SSE	4	4	NW	?	er	0.06	*
Donaghadee ...	29. 60	- .04	57	51	- 1	61	46	S	6	6	E	10	ed	0.24	4
Kingstown ...	29. 68	+ .05	54	52	- 9	63	54	SSE	5	7	NNW	10	od	0.24	2
Holyhead ...	29. 71	- .04	54	50	- 3	64	52	SSW	3	6	NNW	7	rd	0.16	2
Liverpool (Bidston Obs.)	29. 75	+ .08	55	51	+ 2	60	57	SSW	3	5	W	10	o	0.26	2
Valencia ...	29. 72	- .22	60	58	+ 1	62	53	WNW	4	7	N	9	re	0.56	4
Roche's Point ...	29. 66	- .07	60	59	+ 1	? 65	54	W	4	5	NNW	9	ro	0.28	4
Pembroke ...	29. 80	+ .02	56	54	- 1	62	53	SW	5	8	WSW	10	er	0.24	4
Portishead ...	29. 84	- .04	55	53	0	69	50	S	3	7	W	10	gd	0.12	1
Scilly ...	29. 89	- .07	60	58	0	65	56	SSW	5	6	WSW	9	er	0.02	4
Plymouth ...	29. 88	- .03	57	56	- 3	67	57	ESE	2	6	SW	10	of	0.03	*
Hurst Castle ...	29. 89	- .08	59	55	- 1	64	57	WNW	1	6	SW	10	mo	0.04	2
Dover ...	29. 85	- .14	61	55	+ 1	61	55	WNW	3	6	SW	4	gc	0.15	3
London ...	29. 86	- .11	57	54	- 2	64	50	WSW	1	5	SSW	10	re	0.05	*
Oxford ...	29. 85	- .06	54	52	- 4	65	46	2	0	4	WSW	10	po	0.06	*
Cambridge ...	29. 84	- .09	58	53	- 1	64	48	SW	1	2	SW	10	fo	0.10	*
Yarmouth ...	29. 83	- .12	56	54	- 1	63	57	WNW	2	4	WSW	3	re	0.10	2
Helder ...	29. 75	- .21	61	*	- 1	*	*	NNW	6	*	*	*	*	*	2
Cape Gris Nez ...	29. 86	- .16	57	53	- 3	64	56	WNW	4	8	WSW	6	re	0.12	3
Brest ...	29. 96	- .18	59	59	- 1	64	57	NW	3	5	WSW	10	o	-	3
L'Orient ...	29. 96	- .18	60	?	?	71	?	NW	3	7	WSW	?	?	0.04	4
Rochefort ...	30. 04	- .09	64	59	+ 3	?	58	NNW	5	7	W	10	o	0.08	3
Biarritz ...	30. 13	- .02	66	59	0	72	64	WNW	4	4	NW	9	o	-	4
Corunna ...			*	*		*	*		*	*	*	*	*	*	*
Brussels ...	29. 85	- .24	62	*	+ 2	*	*	W	3	*	*	*	c	*	*
Charleville ...			*	*		*	*		*	*	*	*	*	*	*
Paris ...			*	*		*	*		*	*	*	*	*	*	*
Lyons ...	29. 93	- .17	62	*	- 3	72	53	W	4	5	WSW	10	o	-	*
Toulon ...			70	*	- 2	*	*	NE	3	*	*	*	b	*	*

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

	Bar.	Dry.	Wet.	Wind.	G.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	G.	Woa.	Sea.	
Skudesnaes ...	29.73	58	51	WSW	4	*	c	3	Valencia ...	29.92	61	56	N	7	6	g
Thurso ...	29.71	58	51	N	2	4	c	2	Scilly ...	29.89	63	59	WSW	6	4	c
Scarborough...	29.68	55	55	SE	3	10	2	3	London ...	29.83	62	58	SW	4	10	*
Greencastle ...	29.83	58	54	NW	4	5	c	*	Rochefort...							
Holyhead ...	29.75	59	57	N	6	7	sw	5								

The disturbance noticed this morning is travelling in an E<sup>1</sup> direction, so that while the barometer is still falling in the E of England a recovery has commenced as our NW wind. The wind has already shifted to the NW at Holyhead, with improved weather, while in London it is freshening from SW, with some rain.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



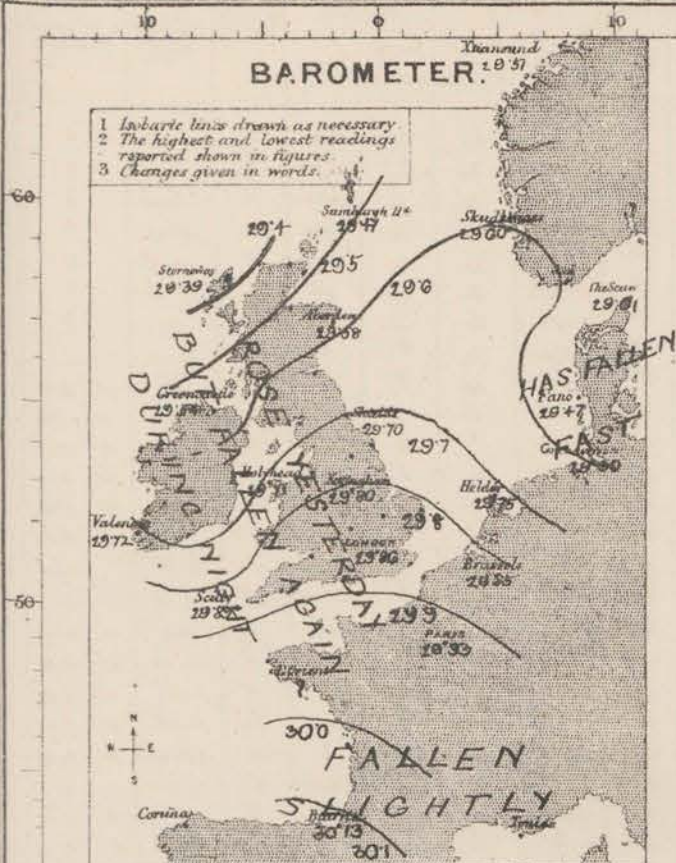
# WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 5<sup>TH</sup> AUGUST 1874 AT 8 A.M.

## BAROMETER.

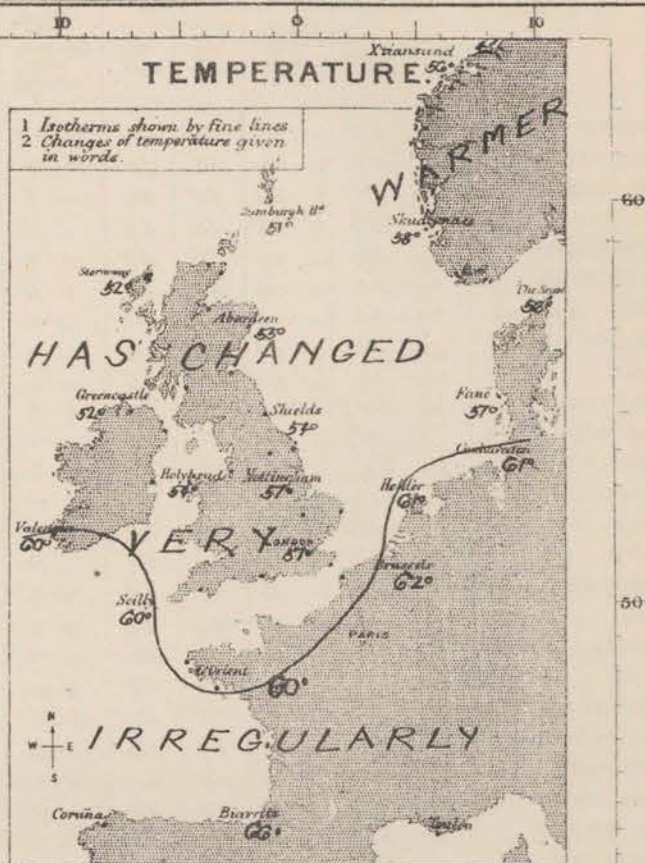
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The small depression which showed itself in Ireland yesterday morning has travelled E. to the neighbourhood of the Sund, so that in Denmark the barometer has fallen fast. In our Islands a temporary recovery was experienced as the disturbance passed off, but in the west the mercury has again fallen fast in the night, and a new disturbance appears to be advancing over the Irish stations. The gradient from Helmer to Paris is 0.07 in., while that from Scilly to Roches P. is 0.08 in. per 50 miles.

## TEMPERATURE.

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



Temperature has risen several degrees over Scandinavia, but changed very irregularly elsewhere. In London it did not rise above 64° in the shade yesterday, which point was reached at about 6 p.m.

## WIND & SEA.

- 1 Shows by with the wind Force 0 to 1 - 9 Force 8 to 10 - 11 Force 12 - 13 Force 14 - 15 Force 16 - 17 Force 18 - 19 Force 20 - 21 Force 22 - 23 Force 24 - 25 Force 26 - 27 Force 28 - 29 Force 30 - 31 Force 32 - 33 Force 34 - 35 Force 36 - 37 Force 38 - 39 Force 40 - 41 Force 42 - 43 Force 44 - 45 Force 46 - 47 Force 48 - 49 Force 50 - 51 Force 52 - 53 Force 54 - 55 Force 56 - 57 Force 58 - 59 Force 60 - 61 Force 62 - 63 Force 64 - 65 Force 66 - 67 Force 68 - 69 Force 70 - 71 Force 72 - 73 Force 74 - 75 Force 76 - 77 Force 78 - 79 Force 80 - 81 Force 82 - 83 Force 84 - 85 Force 86 - 87 Force 88 - 89 Force 90 - 91 Force 92 - 93 Force 94 - 95 Force 96 - 97 Force 98 - 99 Force 100 - 101 Force 102 - 103 Force 104 - 105 Force 106 - 107 Force 108 - 109 Force 110 - 111 Force 112 - 113 Force 114 - 115 Force 116 - 117 Force 118 - 119 Force 120 - 121 Force 122 - 123 Force 124 - 125 Force 126 - 127 Force 128 - 129 Force 130 - 131 Force 132 - 133 Force 134 - 135 Force 136 - 137 Force 138 - 139 Force 140 - 141 Force 142 - 143 Force 144 - 145 Force 146 - 147 Force 148 - 149 Force 150 - 151 Force 152 - 153 Force 154 - 155 Force 156 - 157 Force 158 - 159 Force 160 - 161 Force 162 - 163 Force 164 - 165 Force 166 - 167 Force 168 - 169 Force 170 - 171 Force 172 - 173 Force 174 - 175 Force 176 - 177 Force 178 - 179 Force 180 - 181 Force 182 - 183 Force 184 - 185 Force 186 - 187 Force 188 - 189 Force 190 - 191 Force 192 - 193 Force 194 - 195 Force 196 - 197 Force 198 - 199 Force 200 - 201 Force 202 - 203 Force 204 - 205 Force 206 - 207 Force 208 - 209 Force 210 - 211 Force 212 - 213 Force 214 - 215 Force 216 - 217 Force 218 - 219 Force 220 - 221 Force 222 - 223 Force 224 - 225 Force 226 - 227 Force 228 - 229 Force 230 - 231 Force 232 - 233 Force 234 - 235 Force 236 - 237 Force 238 - 239 Force 240 - 241 Force 242 - 243 Force 244 - 245 Force 246 - 247 Force 248 - 249 Force 250 - 251 Force 252 - 253 Force 254 - 255 Force 256 - 257 Force 258 - 259 Force 260 - 261 Force 262 - 263 Force 264 - 265 Force 266 - 267 Force 268 - 269 Force 270 - 271 Force 272 - 273 Force 274 - 275 Force 276 - 277 Force 278 - 279 Force 280 - 281 Force 282 - 283 Force 284 - 285 Force 286 - 287 Force 288 - 289 Force 290 - 291 Force 292 - 293 Force 294 - 295 Force 296 - 297 Force 298 - 299 Force 300 - 301 Force 302 - 303 Force 304 - 305 Force 306 - 307 Force 308 - 309 Force 310 - 311 Force 312 - 313 Force 314 - 315 Force 316 - 317 Force 318 - 319 Force 320 - 321 Force 322 - 323 Force 324 - 325 Force 326 - 327 Force 328 - 329 Force 330 - 331 Force 332 - 333 Force 334 - 335 Force 336 - 337 Force 338 - 339 Force 340 - 341 Force 342 - 343 Force 344 - 345 Force 346 - 347 Force 348 - 349 Force 350 - 351 Force 352 - 353 Force 354 - 355 Force 356 - 357 Force 358 - 359 Force 360 - 361 Force 362 - 363 Force 364 - 365 Force 366 - 367 Force 368 - 369 Force 370 - 371 Force 372 - 373 Force 374 - 375 Force 376 - 377 Force 378 - 379 Force 380 - 381 Force 382 - 383 Force 384 - 385 Force 386 - 387 Force 388 - 389 Force 390 - 391 Force 392 - 393 Force 394 - 395 Force 396 - 397 Force 398 - 399 Force 400 - 401 Force 402 - 403 Force 404 - 405 Force 406 - 407 Force 408 - 409 Force 410 - 411 Force 412 - 413 Force 414 - 415 Force 416 - 417 Force 418 - 419 Force 420 - 421 Force 422 - 423 Force 424 - 425 Force 426 - 427 Force 428 - 429 Force 430 - 431 Force 432 - 433 Force 434 - 435 Force 436 - 437 Force 438 - 439 Force 440 - 441 Force 442 - 443 Force 444 - 445 Force 446 - 447 Force 448 - 449 Force 450 - 451 Force 452 - 453 Force 454 - 455 Force 456 - 457 Force 458 - 459 Force 460 - 461 Force 462 - 463 Force 464 - 465 Force 466 - 467 Force 468 - 469 Force 470 - 471 Force 472 - 473 Force 474 - 475 Force 476 - 477 Force 478 - 479 Force 480 - 481 Force 482 - 483 Force 484 - 485 Force 486 - 487 Force 488 - 489 Force 490 - 491 Force 492 - 493 Force 494 - 495 Force 496 - 497 Force 498 - 499 Force 500 - 501 Force 502 - 503 Force 504 - 505 Force 506 - 507 Force 508 - 509 Force 510 - 511 Force 512 - 513 Force 514 - 515 Force 516 - 517 Force 518 - 519 Force 520 - 521 Force 522 - 523 Force 524 - 525 Force 526 - 527 Force 528 - 529 Force 530 - 531 Force 532 - 533 Force 534 - 535 Force 536 - 537 Force 538 - 539 Force 540 - 541 Force 542 - 543 Force 544 - 545 Force 546 - 547 Force 548 - 549 Force 550 - 551 Force 552 - 553 Force 554 - 555 Force 556 - 557 Force 558 - 559 Force 560 - 561 Force 562 - 563 Force 564 - 565 Force 566 - 567 Force 568 - 569 Force 570 - 571 Force 572 - 573 Force 574 - 575 Force 576 - 577 Force 578 - 579 Force 580 - 581 Force 582 - 583 Force 584 - 585 Force 586 - 587 Force 588 - 589 Force 590 - 591 Force 592 - 593 Force 594 - 595 Force 596 - 597 Force 598 - 599 Force 600 - 601 Force 602 - 603 Force 604 - 605 Force 606 - 607 Force 608 - 609 Force 610 - 611 Force 612 - 613 Force 614 - 615 Force 616 - 617 Force 618 - 619 Force 620 - 621 Force 622 - 623 Force 624 - 625 Force 626 - 627 Force 628 - 629 Force 630 - 631 Force 632 - 633 Force 634 - 635 Force 636 - 637 Force 638 - 639 Force 640 - 641 Force 642 - 643 Force 644 - 645 Force 646 - 647 Force 648 - 649 Force 650 - 651 Force 652 - 653 Force 654 - 655 Force 656 - 657 Force 658 - 659 Force 660 - 661 Force 662 - 663 Force 664 - 665 Force 666 - 667 Force 668 - 669 Force 670 - 671 Force 672 - 673 Force 674 - 675 Force 676 - 677 Force 678 - 679 Force 680 - 681 Force 682 - 683 Force 684 - 685 Force 686 - 687 Force 688 - 689 Force 690 - 691 Force 692 - 693 Force 694 - 695 Force 696 - 697 Force 698 - 699 Force 700 - 701 Force 702 - 703 Force 704 - 705 Force 706 - 707 Force 708 - 709 Force 710 - 711 Force 712 - 713 Force 714 - 715 Force 716 - 717 Force 718 - 719 Force 720 - 721 Force 722 - 723 Force 724 - 725 Force 726 - 727 Force 728 - 729 Force 730 - 731 Force 732 - 733 Force 734 - 735 Force 736 - 737 Force 738 - 739 Force 740 - 741 Force 742 - 743 Force 744 - 745 Force 746 - 747 Force 748 - 749 Force 750 - 751 Force 752 - 753 Force 754 - 755 Force 756 - 757 Force 758 - 759 Force 760 - 761 Force 762 - 763 Force 764 - 765 Force 766 - 767 Force 768 - 769 Force 770 - 771 Force 772 - 773 Force 774 - 775 Force 776 - 777 Force 778 - 779 Force 780 - 781 Force 782 - 783 Force 784 - 785 Force 786 - 787 Force 788 - 789 Force 790 - 791 Force 792 - 793 Force 794 - 795 Force 796 - 797 Force 798 - 799 Force 800 - 801 Force 802 - 803 Force 804 - 805 Force 806 - 807 Force 808 - 809 Force 810 - 811 Force 812 - 813 Force 814 - 815 Force 816 - 817 Force 818 - 819 Force 820 - 821 Force 822 - 823 Force 824 - 825 Force 826 - 827 Force 828 - 829 Force 830 - 831 Force 832 - 833 Force 834 - 835 Force 836 - 837 Force 838 - 839 Force 840 - 841 Force 842 - 843 Force 844 - 845 Force 846 - 847 Force 848 - 849 Force 850 - 851 Force 852 - 853 Force 854 - 855 Force 856 - 857 Force 858 - 859 Force 860 - 861 Force 862 - 863 Force 864 - 865 Force 866 - 867 Force 868 - 869 Force 870 - 871 Force 872 - 873 Force 874 - 875 Force 876 - 877 Force 878 - 879 Force 880 - 881 Force 882 - 883 Force 884 - 885 Force 886 - 887 Force 888 - 889 Force 890 - 891 Force 892 - 893 Force 894 - 895 Force 896 - 897 Force 898 - 899 Force 900 - 901 Force 902 - 903 Force 904 - 905 Force 906 - 907 Force 908 - 909 Force 910 - 911 Force 912 - 913 Force 914 - 915 Force 916 - 917 Force 918 - 919 Force 920 - 921 Force 922 - 923 Force 924 - 925 Force 926 - 927 Force 928 - 929 Force 930 - 931 Force 932 - 933 Force 934 - 935 Force 936 - 937 Force 938 - 939 Force 940 - 941 Force 942 - 943 Force 944 - 945 Force 946 - 947 Force 948 - 949 Force 950 - 951 Force 952 - 953 Force 954 - 955 Force 956 - 957 Force 958 - 959 Force 960 - 961 Force 962 - 963 Force 964 - 965 Force 966 - 967 Force 968 - 969 Force 970 - 971 Force 972 - 973 Force 974 - 975 Force 976 - 977 Force 978 - 979 Force 980 - 981 Force 982 - 983 Force 984 - 985 Force 986 - 987 Force 988 - 989 Force 990 - 991 Force 992 - 993 Force 994 - 995 Force 996 - 997 Force 998 - 999 Force 1000 - 1001 Force 1002 - 1003 Force 1004 - 1005 Force 1006 - 1007 Force 1008 - 1009 Force 1010 - 1011 Force 1012 - 1013 Force 1014 - 1015 Force 1016 - 1017 Force 1018 - 1019 Force 1020 - 1021 Force 1022 - 1023 Force 1024 - 1025 Force 1026 - 1027 Force 1028 - 1029 Force 1030 - 1031 Force 1032 - 1033 Force 1034 - 1035 Force 1036 - 1037 Force 1038 - 1039 Force 1040 - 1041 Force 1042 - 1043 Force 1044 - 1045 Force 1046 - 1047 Force 1048 - 1049 Force 1050 - 1051 Force 1052 - 1053 Force 1054 - 1055 Force 1056 - 1057 Force 1058 - 1059 Force 1060 - 1061 Force 1062 - 1063 Force 1064 - 1065 Force 1066 - 1067 Force 1068 - 1069 Force 1070 - 1071 Force 1072 - 1073 Force 1074 - 1075 Force 1076 - 1077 Force 1078 - 1079 Force 1080 - 1081 Force 1082 - 1083 Force 1084 - 1085 Force 1086 - 1087 Force 1088 - 1089 Force 1090 - 1091 Force 1092 - 1093 Force 1094 - 1095 Force 1096 - 1097 Force 1098 - 1099 Force 1100 - 1101 Force 1102 - 1103 Force 1104 - 1105 Force 1106 - 1107 Force 1108 - 1109 Force 1110 - 1111 Force 1112 - 1113 Force 1114 - 1115 Force 1116 - 1117 Force 1118 - 1119 Force 1120 - 1121 Force 1122 - 1123 Force 1124 - 1125 Force 1126 - 1127 Force 1128 - 1129 Force 1130 - 1131 Force 1132 - 1133 Force 1134 - 1135 Force 1136 - 1137 Force 1138 - 1139 Force 1140 - 1141 Force 1142 - 1143 Force 1144 - 1145 Force 1146 - 1147 Force 1148 - 1149 Force 1150 - 1151 Force 1152 - 1153 Force 1154 - 1155 Force 1156 - 1157 Force 1158 - 1159 Force 1160 - 1161 Force 1162 - 1163 Force 1164 - 1165 Force 1166 - 1167 Force 1168 - 1169 Force 1170 - 1171 Force 1172 - 1173 Force 1174 - 1175 Force 1176 - 1177 Force 1178 - 1179 Force 1180 - 1181 Force 1182 - 1183 Force 1184 - 1185 Force 1186 - 1187 Force 1188 - 1189 Force 1190 - 1191 Force 1192 - 1193 Force 1194 - 1195 Force 1196 - 1197 Force 1198 - 1199 Force 1200 - 1201 Force 1202 - 1203 Force 1204 - 1205 Force 1206 - 1207 Force 1208 - 1209 Force 1210 - 1211 Force 1212 - 1213 Force 1214 - 1215 Force 1216 - 1217 Force 1218 - 1219 Force 1220 - 1221 Force 1222 - 1223 Force 1224 - 1225 Force 1226 - 1227 Force 1228 - 1229 Force 1230 - 1231 Force 1232 - 1233 Force 1234 - 1235 Force 1236 - 1237 Force 1238 - 1239 Force 1240 - 1241 Force 1242 - 1243 Force 1244 - 1245 Force 1246 - 1247 Force 1248 - 1249 Force 1250 - 1251 Force 1252 - 1253 Force 1254 - 1255 Force 1256 - 1257 Force 1258 - 1259 Force 1260 - 1261 Force 1262 - 1263 Force 1264 - 1265 Force 1266 - 1267 Force 1268 - 1269 Force 1270 - 1271 Force 1272 - 1273 Force 1274 - 1275 Force 1276 - 1277 Force 1278 - 1279 Force 1280 - 1281 Force 1282 - 1283 Force 1284 - 1285 Force 1286 - 1287 Force 1288 - 1289 Force 1290 - 1291 Force 1292 - 1293 Force 1294 - 1295 Force 1296 - 1297 Force 1298 - 1299 Force 1300 - 1301 Force 1302 - 1303 Force 1304 - 1305 Force 1306 - 1307 Force 1308 - 1309 Force 1310 - 1311 Force 1312 - 1313 Force 1314 - 1315 Force 1316 - 1317 Force 1318 - 1319 Force 1320 - 1321 Force 1322 - 1323 Force 1324 - 1325 Force 1326 - 1327 Force 1328 - 1329 Force 1330 - 1331 Force 1332 - 1333 Force 1334 - 1335 Force 1336 - 1337 Force 1338 - 1339 Force 1340 - 1341 Force 1342 - 1343 Force 1344 - 1345 Force 1346 - 1347 Force 1348 - 1349 Force 1350 - 1351 Force 1352 - 1353 Force 1354 - 1355 Force 1356 - 1357 Force 1358 - 1359 Force 1360 - 1361 Force 1362 - 1363 Force 1364 - 1365 Force 1366 - 1367 Force 1368 - 1369 Force 1370 - 1371 Force 1372 - 1373 Force 1374 - 1375 Force 1376 - 1377 Force 1378 - 1379 Force 1380 - 1381 Force 1382 - 1383 Force 1384 - 1385 Force 1386 - 1387 Force 1388 - 1389 Force 1390 - 1391 Force 1392 - 1393 Force 1394 - 1395 Force 1396 - 1397 Force 1398 - 1399 Force 1400 - 1401 Force 1402 - 1403 Force 1404 - 1405 Force 1406 - 1407 Force 1408 - 1409 Force 1410 - 1411 Force 1412 - 1413 Force 1414 - 1415 Force 1416 - 1417 Force 1418 - 1419 Force 1420 - 1421 Force 1422 - 1423 Force 1424 - 1425 Force 1426 - 1427 Force 1428 - 1429 Force 1430 - 1431 Force 1432 - 1433 Force 1434 - 1435 Force 1436 - 1437 Force 1438 - 1439 Force 1440 - 1441 Force 1442 - 1443 Force 1444 - 1445 Force 1446 - 1447 Force 1448 - 1449 Force 1450 - 1451 Force 1452 - 1453 Force 1454 - 1455 Force 1456 - 1457 Force 1458 - 1459 Force 1460 - 1461 Force 1462 - 1463 Force 1464 - 1465 Force 1466 - 1467 Force 1468 - 1469 Force 1470 - 1471 Force 1472 - 1473 Force 1474 - 1475 Force 1476 - 1477 Force 1478 - 1479 Force 1480 - 1481 Force 1482 - 1483 Force 1484 - 1485 Force 1486 - 1487 Force 1488 - 1489 Force 1490 - 1491 Force 1492 - 1493 Force 1494 - 1495 Force 1496 - 1497 Force 1498 - 1499 Force 1500 - 1501 Force 1502 - 1503 Force 1504 - 1505 Force 1506 - 1507 Force 1508 - 1509 Force 1510 - 1511 Force 1512 - 1513 Force 1514 - 1515 Force 1516 - 1517 Force 1518 - 1519 Force 1520 - 1521 Force 1522 - 1523 Force 1524 - 1525 Force 1526 - 1527 Force 1528 - 1529 Force 1530 - 1531 Force 1532 - 1533 Force 1534 - 1535 Force 1536 - 1537 Force 1538 - 1539 Force 1540 - 1541 Force 1542 - 1543 Force 1544 - 1545 Force 1546 - 1547 Force 1548 - 1549 Force 1550 - 1551 Force 1552 - 1553 Force 1554 - 1555 Force 1556 - 1557 Force 1558 - 1559 Force 1560 - 1561 Force 1562 - 1563 Force 1564 - 1565 Force 1566 - 1567 Force 1568 - 1569 Force 1570 - 1571 Force 1572 - 1573 Force 1574 - 1575 Force 1576 - 1577 Force 1578 - 1579 Force 1580 - 1581 Force 1582 - 1583 Force 1584 - 1585 Force 1586 - 1587 Force 1588 - 1589 Force 1590 - 1591 Force 1592 - 1593 Force 1594 - 1595 Force 1596 - 1597 Force 1598 - 1599 Force 1600 - 1601 Force 1602 - 1603 Force 1604 - 1605 Force 1606 - 1607 Force 1608 - 1609 Force 1610 - 1611 Force 1612 - 1613 Force 1614 - 1615 Force 1616 - 1617 Force 1618 - 1619 Force 1620 - 1621 Force 1622 - 1623 Force 1624 - 1625 Force 1626 - 1627 Force 1628 - 1629 Force 1630 - 1631 Force 1632 - 1633 Force 1634 - 1635 Force 1636 - 1637 Force 1638 - 1639 Force 1640 - 1641 Force 1642 - 1643 Force 1644 - 1645 Force 1646 - 1647 Force 1648 - 1649 Force 1650 - 1651 Force 1652 - 1653 Force 1654 - 1655 Force 1656 - 1657 Force 1658 - 1659 Force 1660 - 1661 Force 1662 - 1663 Force 1664 - 1665 Force 1666 - 1667 Force 1668 - 1669 Force 1670 - 1671 Force 1672 - 1673 Force 1674 - 1675 Force 1676 - 1677 Force 1678 - 1679 Force 1680 - 1681 Force 1682 - 1683 Force 1684 - 1685 Force 1686 - 1687 Force 1688 - 1689 Force 1690 - 1691 Force 1692 - 1693 Force 1694 - 1695 Force 1696 - 1697 Force 1698 - 1699 Force 1700 - 1701 Force 1702 - 1703 Force 1704 - 1705 Force 1706 - 1707 Force 1708 - 1709 Force 1710 - 1711 Force 1712 - 1713 Force 1714 - 1715 Force 1716 - 1717 Force 1718 - 1719 Force 1720 - 1721 Force 1722 - 1723 Force 1724 - 1725 Force 1726 - 1727 Force 1728 - 1729 Force 1730 - 1731 Force 1732 - 1733 Force 1734 - 1735 Force 1736 - 1737 Force 1738 - 1739 Force 1740 - 1741 Force 1742 - 1743 Force 1744 - 1745 Force 1746 - 1747 Force 1748 - 1749 Force 1750 - 1751 Force 1752 - 1753 Force 1754 - 1755 Force 1756 - 1757 Force 1758 - 1759 Force 1760 - 1761 Force 1762 - 1763 Force 1764 - 1765 Force 1766 - 1767 Force 1768 - 1769 Force 1770 - 1771 Force 1772 - 1773 Force 1774 - 1775 Force 1776 - 1777 Force 1778 - 1779 Force 1780 - 1781 Force 1782 - 1783 Force 1784 - 1785 Force 1786 - 1787 Force 1788 - 1789 Force 1790 - 1791 Force 1792 - 1793 Force 1794 - 1795 Force 1796 - 1797 Force 1798 - 1799 Force 1800 - 1801 Force 1802 - 1803 Force 1804 - 1805 Force 1806 - 1807 Force 1808 - 1809 Force 1810 - 1811 Force 1812 - 1813 Force 1814 - 1815 Force 1816 - 1817 Force 1818 - 1819 Force 1820 - 1821 Force 1822 - 1823 Force 1824 - 1825 Force 1826 - 1827 Force 1828 - 1829 Force 1830 - 1831 Force 1832 - 1833 Force 1834 - 1835 Force 1836 - 1837 Force 1838 - 1839 Force 1840 - 1841 Force 1842 - 1843 Force 1844 - 1845 Force 1846 - 1847 Force 1848 - 1849 Force 1850 - 1851 Force 1852 - 1853 Force 1854 - 1855 Force 1856 - 1857 Force 1858 - 1859 Force 1860 - 1861 Force 1862 - 1863 Force 1864 - 1865 Force 1866 - 1867 Force 1868 - 1869 Force 1870 - 1871 Force 1872 - 1873 Force 1874 - 1875 Force 1876 - 1877 Force 1878 - 1879 Force 1880 - 1881 Force 1882 - 1883 Force 1884 - 1885 Force 1886 - 1887 Force 1888 - 1889 Force 1890 - 1891 Force 1892 - 1893 Force 1894 - 1895 Force 1896 - 1897 Force 1898 - 1899 Force 1900 - 1901 Force 1902 - 1903 Force 1904 - 1905 Force 1906 - 1907 Force 1908 - 1909 Force 1910 - 1911 Force 1912 - 1913 Force 1914 - 1915 Force 1916 - 1917 Force 1918 - 1919 Force 1920 - 1921 Force 1922 - 1923 Force 1924 - 1925 Force 1926 - 1927 Force 1928 - 1929 Force 1930 - 1931 Force 1932 - 1933 Force 1934 - 1935 Force 1936 - 1937 Force 1938 - 1939 Force 1940 - 1941 Force 1942 - 1943 Force 1944 - 1945 Force 1946 - 1947 Force 1948 - 1949 Force 1950 - 1951 Force 1952 - 1953 Force 1954 - 1955 Force 1956 - 1957 Force 1958 - 1959 Force 1960 - 1961 Force 1962 - 1963 Force 1964 - 1965 Force 1966 - 1967 Force 1968 - 1969 Force 1970 - 1971 Force 1972 - 1973 Force 1974 - 1975 Force 1976 - 1977 Force 1978 - 1979 Force 1980 - 1981 Force 1982 - 1983 Force 1984 - 1985 Force 1986 - 1987 Force 1988 - 1989 Force 1990 - 1991 Force 1992 - 1993 Force 1994 - 1995 Force 1996 - 1997 Force 1998 - 1999 Force 2000 - 2001 Force 2002 - 2003 Force 2004 - 2005 Force 2006 - 2007 Force 2008 - 2009 Force 2010 - 2011 Force 2012 - 2013 Force 2014 - 2015 Force 2016 - 2017 Force 2018 - 2019 Force 2020 - 2021 Force 2022 - 2023 Force 2024 - 2025 Force 2026 - 2027 Force 2028 - 2029 Force 2030 - 2031 Force 2032 - 2033 Force 2034 - 2035 Force 2036 - 2037 Force 2038 - 2039 Force 2040 - 2041 Force 2042 - 2043 Force 2044 - 2045 Force 2046 - 2047 Force 2048 - 2049 Force 2050 - 2051 Force 2052 - 2053 Force 2054 - 2055 Force 2056 - 2057 Force 2058 - 2059 Force 2060 - 2061 Force 2062 - 2063 Force 2064 - 2065 Force 2066 - 2067 Force 2068 - 2069 Force 2070 - 2071 Force 2072 - 2073 Force 2074 - 2075 Force 2076 - 2077 Force 2078 - 2079 Force 2080 - 2081 Force 2082 - 2083 Force 2084 - 2085 Force 2086 - 2087 Force 2088 - 2089 Force 2090 - 2091 Force 2092 - 2093 Force 2094 - 2095 Force 2096 - 2097 Force 2098 -



Thursday 8 a.m.

# WEATHER REPORT. August 6<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29.48	-.07	56	54	+6	*	*	SW	4	4	SW	*	0	*	*
Hernösand ...	29.39	-.19	58	55	+3	*	*	S	4	4	SSW	*	0	*	*
Stockholm ...	29.35	-.36	62	58	+4	*	*	SSW	2	?	?	*	0	*	*
Wisby ...	29.57	-.31	60	57	-2	*	*	SW	4	2	S	*	0	*	*
Christiansund ...	29.30	-.21	58	50	-3	*	*	NNE	2	0	Z	*	0	*	5
Skudesnaes ...	29.14	-.46	53	50	-5	*	*	E	6	6	E	*	0	*	4
Oxö (X'tiansand) ...	29.17	-.43	55	53	-1	*	*	SSE	6	4	WSW	*	0	*	4
Skagen (The Skaw) ...	29.26	-.35	57	55	+1	*	*	SSE	4	*	*	*	0	*	*
Fanö ...	29.24	-.23	61	58	+4	*	*	WSW	4	*	*	*	0	0.24	*
Cuxhaven ...	29.38	-.22	63	59	+2	?	55	W	6	2	NW	5	0.13	*	*
Sumburgh Head ...	29.66	+ .27	50	48	-2	56	46	NW	4	10	NW	4	0.52	6	6
Stornoway (Hebrides) ...	29.51	+ .06	57	46	0	55	45	NNW	5	8	NW	8	0.82	5	5
Thurso ...	29.54	+ .09	50	47	-2	52	50	NW	4	8	NW	6	0.63	2	2
Wick ...	29.63	+ .11	53	50	0	59	50	NW	3	8	WSW	8	0.24	3	3
Nairn ...	29.62	-.06	52	47	-3	59	39	NW	4	8	NW	8	0.31	3	3
Aberdeen ...	29.65	+ .02	58	54	+4	64	50	NW	3	3	W	3	0	*	*
Leith ...	29.62	-.08	55	50	+1	59	50	NW	8	4	SW	1	0.02	1	1
Shields ...	29.75	-.03	59	57	+2	62	49	W	3	4	W	0	0	*	*
York ...	29.66	-.07	58	52	+3	60	50	NW	5	5	NW	3	0.01	4	4
Scarborough ...	29.78	-.02	60	52	+3	60	51	NNW	5	7	SW	2	0.04	*	*
Ardrossan ...	29.73	+ .12	56	49	+1	60	54	NNW	5	7	NNW	5	0.65	4	4
Greencastle ...	29.82	+ .28	54	52	+2	60	57	NW	1	6	NNW	8	0.16	*	*
Donaghadee ...	29.79	+ .19	56	52	+5	63	57	NNW	6	6	S	5	0.07	4	4
Kingstown ...	29.89	+ .21	55	50	+1	57	52	NNW	6	7	NNW	3	0.02	4	4
Holyhead ...	29.86	+ .15	56	52	+2	63	53	NNW	5	7	NNW	4	0.12	5	5
Liverpool (Bidston Obs.) ...	29.78	+ .03	57	50	+2	64	52	NNW	2	7	W	3	0.06	5	5
Valencia ...	29.99	+ .27	59	55	-1	62	54	NW	4	16	NNW	7	0.02	5	5
Roche's Point ...	29.95	+ .29	58	55	-2	64	54	W	3	5	NW	7	0	3	3
Pembroke ...	29.94	+ .14	56	57	0	63	54	NW	4	7	WSW	3	0.06	2	2
Portishead ...	29.88	+ .04	61	53	+6	64	54	NNW	5	7	W	6	0.06	3	3
Scilly ...	30.00	+ .11	60	57	0	64	58	N	4	6	W	7	0.13	5	5
Plymouth ...	29.95	+ .07	60	56	+3	65	55	NW	3	4	W	1	0.15	*	*
Hurst Castle ...	29.90	+ .01	61	55	+2	66	55	NNW	3	5	SW	1	0.05	3	3
Dover ...	29.79	-.06	61	56	0	62	57	NNW	3	6	SW	6	0.12	3	3
London ...	29.83	-.03	61	54	+4	64	55	NW	3	4	SW	1	0.01	*	*
Oxford ...	29.83	-.02	57	50	+3	62	54	W	2	4	W	1	0.01	*	*
Cambridge ...	29.78	-.06	58	50	0	63	52	W	2	2	SW	1	0.03	*	*
Yarmouth ...	29.70	-.13	57	53	+1	62	52	NNW	5	6	NNW	1	0.04	2	2
Helder ...	29.56	-.19	59	*	-2	*	*	W	7	*	SW	*	0	4	4
Cape Gris Nez ...	29.75	-.11	61	56	+4	63	56	NW	7	5	SW	6	0.04	4	4
Brest ...	30.03	+ .07	58	58	-1	62	56	NNW	4	5	W	10	0.16	3	3
L'Orient ...	?	?	62	62	-2	68	?	NW	4	7	W	6	0.04	3	3
Rocheport ...	30.03	+ .01	64	62	0	?	62	NW	8	10	NNW	10	0.08	5	5
Biarritz ...	30.14	+ .01	66	61	0	68	62	WSW	5	5	NNW	9	0	4	4
Corunna ...															
Brussels ...	29.71	-.14	65	*	+3	*	*	W	3	*	*	*	0	*	*
Charleville ...	29.77	-.14	62	*	-1	*	*	SW	3	*	*	*	0	*	*
Paris ...	29.87	-.05	63	*	+1	70	58	W	7	8	WSW	10	0.04	*	*
Lyons ...	?	?	72	*	+2	*	*	E	7	*	*	*	0	*	*
Toulon ...	29.97	+ .39	63	58	-3	75	62	NW	7	7	NW	2	0	6	6

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.48	59	53	3	4	*	c	4	Valencia ...	29.73	61	59	WNW	6	8	0
Thurso ...	29.23	50	50	SSE	2	10	2	2	Scilly ...	29.79	63	62	W	6	9	0
Scarborough...	29.56	58	53	3	4	10	0	3	London ...	29.75	60	55	SSW	4	10	0
Greencastle ...	29.42	60	59	WNW	4	9	0	*	Rocheport...	30.06	72	63	NW	7	7	c
Holyhead ...	29.51	60	59	SW	4	10	d	3								

The disturbance noticed this morning is moving E<sup>ast</sup> over our N<sup>orthern</sup> stations. The wind has veered to NW in Ireland and W at Scilly, but is still S<sup>outh</sup> in the E of England. The weather is in no unsettled condition generally.

## EXPLANATION OF COLUMNS.

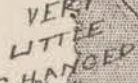
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

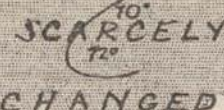
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



THURSDAY 6<sup>TH</sup> AUGUST 1874 AT 8 A.M.



The depression noticed in the north yesterday has now reached the south of Norway, and a rapid recovery of pressure has set in over our Islands, especially in the north. The highest readings lie to the SW<sup>W</sup> of our Islands; and while the gradient from Billy to Sørø's is 0.05 in. per 50 miles, those from our east coast across the North Sea are much steeper. From the Helles to Sandvick there is one of 0.08 in.

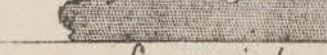


Temperature has risen in most parts of the British Isles. In London the maximum for the past 24 hours ( $64^{\circ}$ ) was reached at about 10pm.



The wind rose to a fresh gale from NW at our northern stations last night and to a moderate gale from the same quarter in the Irish Channel. Fresh to strong NW winds still prevail over the United Kingdom and strong W breezes in Holland, while fresh SE winds are felt in the south of Norway.

The sea is rough in the north and north-west slight to moderate on our eastern and southern coasts.



Some rain has again fallen very generally. In the north of Scotland the fall has been large. The sky has since become much clearer in our Islands, especially in the south, but is cloudy on the Continent, with rain in the south of Norway.

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

Dangerfield, Lth. 22 Bedford St. Covent Garden



Friday 8 a.m.

# WEATHER REPORT. August. 7<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.48	.00	59	55	+3	*	*	S	4	2	SE	*	oc	*	*
Hernösand ...	29.49	+ .10	57	50	-1	*	*	NW	2	2	S	*	od	*	*
Stockholm ...	29.39	+ .04	55	55	-7	*	*	N	4	4	E	*	ro	*	*
Wisby ...	29.57	- .06	60	50	0	*	*	W	4	2	S	*	c	*	*
Christiansund ...	29.64	+ .34	57	47	-2	*	*	WSW	5	2	W	*	co	*	5
Skudesnaes ...	29.64	+ .50	55	57	+2	*	*	NW	4	6	NW	*	c	*	3
Oxö (X'tiansand)	29.59	+ .42	55	57	0	*	*	W	4	2	WNW	*	c	*	3
Skagen (The Skaw)	29.60	+ .34	58	57	+1	*	*	WNW	2	*	*	*	cb	0.16	*
Fanö ...	29.76	+ .52	57	54	-4	*	*	W	4	*	*	*	oc	1.54	*
Cuxhaven ...	29.85	+ .47	58	57	-5	?	52	W	4	9	NW	5	re	0.16	*
Sumburgh Head	29.55	+ .19	50	47	+1	50	43	SE	5	7	N	10	df	0.03	5
Stornoway (Hebrides)	29.25	- .41	52	52	+2	58	48	SSE	1	4	NW	10	r	0.22	3
Thurso ...	29.37	- .14	50	49	-1	57	41	SE	4	5	NNW	9	er	0.18	3
Wick ...	29.40	- .14	50	50	0	56	43	SE	5	5	SE	10	er	0.10	4
Nairn ...	29.29	- .34	53	57	0	60	50	NW	1	1	NW	10	o	0.45	1
Aberdeen ...	29.40	- .12	52	57	0	58	38	SE	3	5	NW	10	er	0.38	3
Leith ...	29.46	- .19	62	60	+4	70	57	W	4	3	NW	6	c	0.24	*
Shields ...	29.53	- .09	59	57	+4	63	53	W	5	8	NNW	8	co	0.10	1
York ...	29.68	- .07	59	57	0	67	50	S	3	2	S	8	co	-	*
Scarborough ...	29.62	- .04	61	58	+3	63	57	SW	4	4	NW	9	co	-	3
Nottingham ...	29.72	- .06	64	60	+4	68	48	WNW	5	6	WNW	8	br	-	*
Ardrossan ...	29.40	- .33	60	58	+4	62	53	SSW	2	6	SW	8	co	0.74	4
Greencastle ...	29.40	- .42	61	60	+7	61	53	WSW	2	5	WSW	9	ro	0.63	*
Donaghadee ...	29.43	- .36	61	60	+5	61	54	SW	6	6	W	10	od	0.26	4
Kingstown ...	29.58	- .31	60	55	+5	65	55	WSW	4	6	WNW	8	co	-	3
Holyhead ...	29.61	- .25	60	59	+4	64	55	SSW	4	5	WNW	10	d	0.02	3
Liverpool (Bidston Obs.)	29.63	- .15	62	60	+6	63	54	SSW	4	6	W	10	co	-	3
Valencia ...	29.65	- .34	60	58	+1	63	53	W	3	4	N	7	re	0.49	4
Roche's Point...	29.67	- .28	60	59	+2	67	58	WSW	3	4	SW	7	oc	0.05	3
Pembroke ...	29.75	- .19	62	60	+6	64	55	SW	6	5	SW	18	ew	0.03	5
Portishead ...	29.80	- .08	65	62	+4	72	56	SW	5	6	WNW	8	ew	-	2
Scilly ...	29.88	- .12	63	62	+3	67	59	WSW	5	5	WSW	7	ep	0.02	5
Plymouth ...	29.88	- .07	62	62	+2	70	59	SW	4	4	W	10	bd	0.01	*
Hurst Castle ...	29.89	- .01	63	61	+2	73	59	WSW	5	5	SW	10	br	-	4
Dover ...	29.90	+ .11	63	59	+2	64	54	SSW	4	4	W	5	bc	-	4
London ...	29.87	+ .04	64	60	+2	72	52	SW	3	4	NW	10	co	-	*
Oxford...	29.82	- .01	62	60	+5	69	54	SSW	3	5	WNW	10	eg	-	*
Cambridge ...	29.80	+ .02	64	58	+6	66	47	SW	3	2	NW	7	bc	-	*
Yarmouth ...	29.84	+ .14	61	56	+4	66	51	SW	4	4	NW	3	cb	-	2
Helder ...	29.85	+ .29	63	*	+4	*	*	WSW	4	*	*	*	b	-	?
Cape Gris Nez...	29.92	+ .17	61	57	0	68	59	SW	4	4	W	9	bo	-	3
Brest ...	30.02	- .01	60	60	+2	68	56	SW	4	4	SW	10	df	-	3
L'Orient ...	?	?	60	60	-2	71	?	WNW	3	5	NW	9	df	-	3
Rochefort ...	30.09	+ .06	65	58	+1	72	56	NW	1	8	NW	10	ro	-	3
Biarritz ...	30.06	- .08	66	64	0	70	64	E	4	5	W	6	of	0.08	3
Corunna ...			*	*		*	*					*		*	*
Brussels ...	29.99	+ .28	59	*	-6	*	*	WSW	3	*	*	*	b	*	*
Charleville ...	29.93	+ .16	53	*	-9	*	*	SE	1	*	*	*	b	*	*
Paris ...	30.04	+ .17	61	*	-2	73	57	SE	4	8	W	0	cb	-	*
Lyons ...	?	?	73	*	+1	*	*	NE	1	*	*	*	b	*	*
Toulon ...	30.04	+ .07	71	67	+8	77	63	W	0	7	NW	4	df	?	2

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

Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.
Skudesnaes ...	29.43	57	53	NW	6	*	Valencia ...	29.98	60	56	SW	3	8
Thurso ...	29.67	55	48	NNW	4	5	Scilly ...	30.05	66	61	N	2	8
Scarborough ...	29.79	62	54	NNW	3	4	London ...	29.92	66	54	NW	3	1
Greencastle ...	29.86	59	54	W	2	10	Rochefort ...	30.08	69	62	NW	4	5
Holyhead ...	29.93	61	55	WSW	4	5							

The barometer has begun to fall again at Valencia, accompanied by a backing of the wind to SW and gloomy weather. In the E of our islands the recovery of pressure continues briskly.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

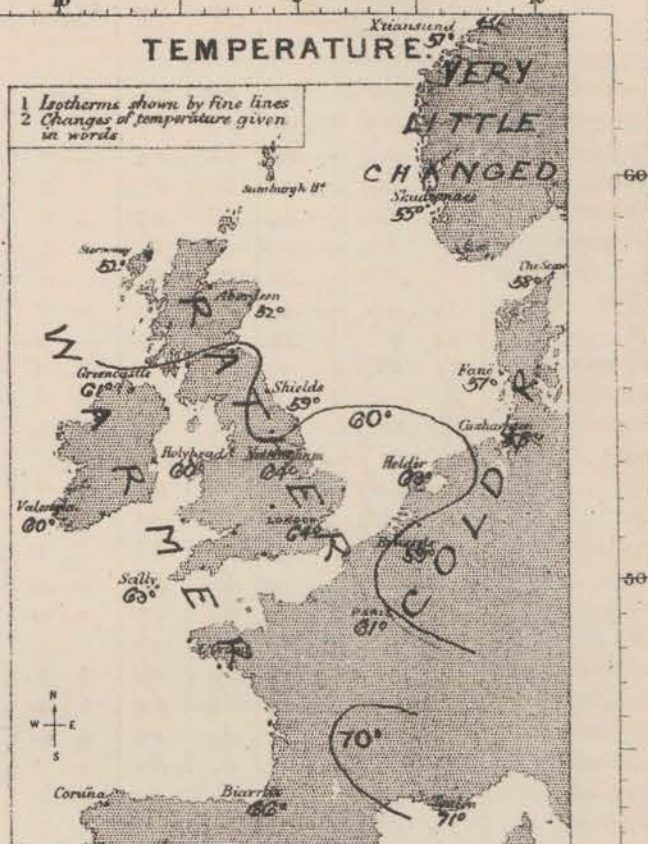
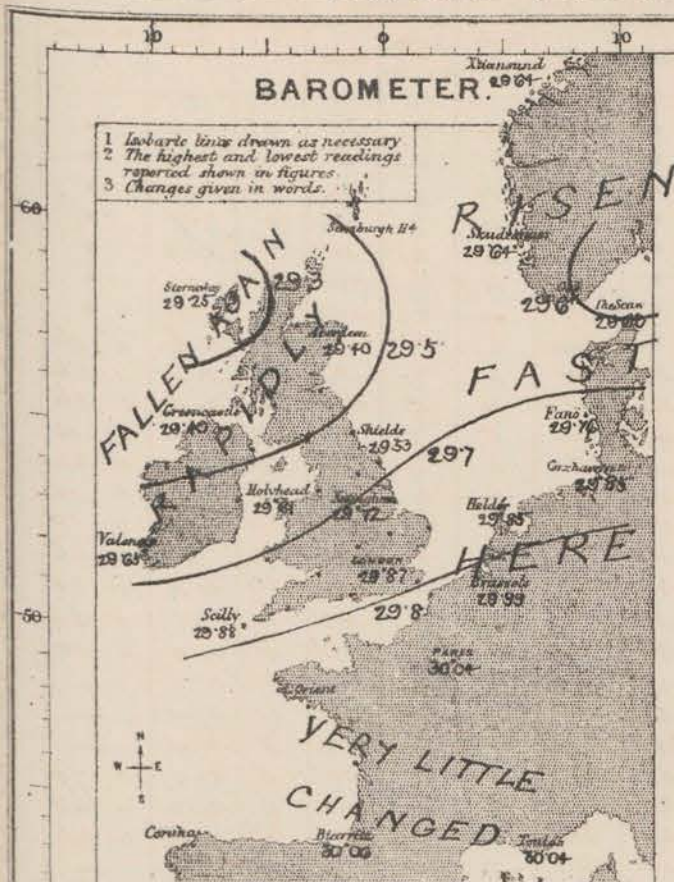
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

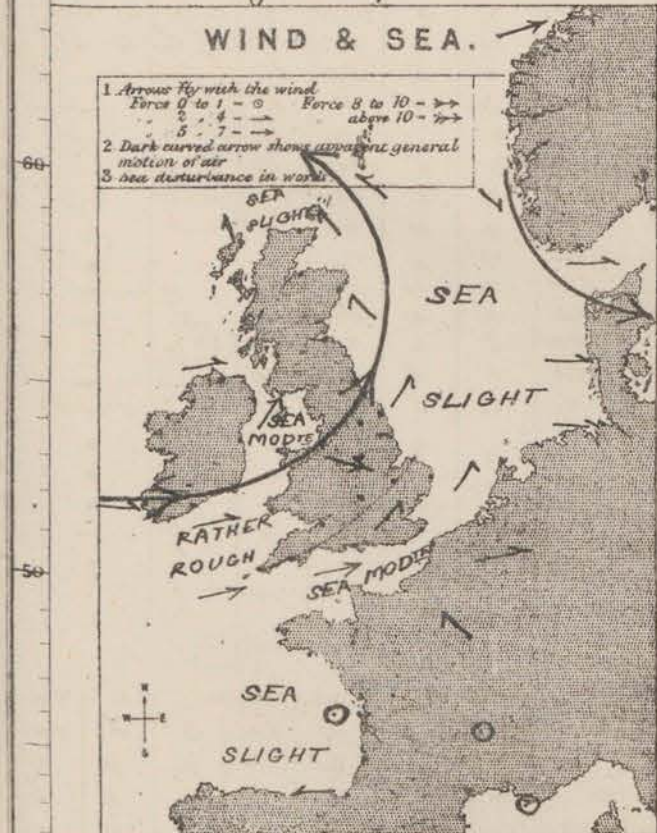
AND REMARKS FOR

FRI DAY 7<sup>TH</sup> AUGUST 1874 AT 8 A.M.



The slight fall of the barometer which had commenced at Valencia yesterday afternoon has continued and travelled NE<sup>W</sup> so that in the north-west of Scotland the mercury has fallen nearly half an inch during the past night. The highest readings still lie over France, while the lowest are to the W<sup>W</sup> of the Scotch coast; the gradient from Hurst Castle to Andersonian being 0.02 in. per 50 miles.

Temperature has again risen over our Islands, but fallen in Denmark and the north-east of France.



The wind has backed very considerably over the United Kingdom since yesterday and freshened generally. In the south of Ireland it is W<sup>W</sup>, in England SW, and in the north of Scotland SE<sup>W</sup>; while in the south of Norway NW breezes belonging to the previous disturbance are still experienced. The sea is rather rough in the west and south, but slight on our east coast and in the west of France.

Rain has again fallen in the west and north, and continues in the north of Scotland. The sky is very cloudy except in the east and south of France.

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" " by post 5/- per quarter.

Meteorological Office  
116, Victoria Str<sup>t</sup>, Westminster, S.W.  
ROBERT H. SCOTT, Director.

Longwalk, Jan. 22, 3, Oxford St. Covent Garden.



Saturday 8 a.m.

WEATHER REPORT. August 8<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance— 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29. 58	+ 10	57	54	- 2	*	*	N	2	1	SW	*	b	*	*
Hernösand ...	29. 65	+ 16	57	51	0	*	*	Z	0	2	NW	*	bc	*	*
Stockholm ...	29. 68	+ 29	59	55	+ 4	*	*	SW	2	2	W	*	b	*	*
Wisby ...	29. 82	+ 31	60	58	0	*	*	SW	2	4	W	*	c	*	*
Christiansund ...	29. 43	- 21	56	52	+ 5	*	*	Z	0	6	NE	*	cb	*	4
Skudesnaes ...	29. 47	- 17	61	59	+ 6	*	*	SSW	6	6	SE	*	oc	*	4
Oxö (X'tiansand) The Skaw	29. 54	- 05	60	59	+ 5	*	*	SW	4	4	ESE	*	20	*	2
Fanö ...	29. 59	- 17	66	63	+ 9	*	*	SW	4	4	SW	*	c	0. 08	*
Cuxhaven ...	29. 67 8	- 18	65	63	+ 7	73	?	SSW	3	2	WSW	8	o	—	*
Sumburgh Head ...	29. 33 2	- 22	55	53	+ 5	55	37	WSW	3	5	SE	4	2c	0. 34	3
Stornoway (He- brides) ...	29. 33 2	+ 08	55	53	+ 3	60	48	WSW	3	5	W	10	p	0. 18	3
Thurso ...	29. 31 2	- 06	54	52	+ 4	68	45	S	1	5	ESE	5	c	0. 11	1
Wick ...	29. 35 2	- 05	57	50	+ 1	63	48	W	1	7	SE	5	c	0. 14	0
Nairn ...	29. 37 2	+ 08	54	48	+ 1	68	48	Z	0	1	NW	1	cb	—	1
Aberdeen ...	29. 36 2	- 04	59	54	+ 7	71	46	WSW	1	3	SE	4	c	—	1
Leith ...	29. 43 8	- 03	57	54	- 5	70	57	WSW	3	3	W	5	pc	0. 07	*
Shields ...	29. 40 8	- 05	58	55	- 1	61	55	W	3	8	W	8	o	0. 02	1
York ...	29. 58 8	- 10	59	55	0	74	52	SW	1	5	SW	5	c	0. 02	*
Scarborough ...	29. 50 8	- 12	59	56	- 2	71	52	WSW	3	5	SW	4	oc	0. 17	2
Nottingham ...	29. 59 8	- 13	62	58	- 2	77	50	W	4	7	SW	5	ptw	0. 05	*
Ardrossan ...	29. 43 8	+ 03	56	53	- 4	66	55	WNW	2	2	SSW	6	p	0. 10	2
Greencastle ...	29. 45 8	+ 05	55	53	- 6	62	53	WSW	3	6	W	9	co	0. 02	*
Donaghadee ...	29. 48 5	+ 05	54	53	- 7	68	49	WSW	5	6	W	5	pc	0. 25	4
Kingstown ...	29. 59 2	+ 01	56	57	- 4	69	54	W	4	5	W	2	cb	0. 01	3
Holyhead ...	29. 58 2	- 03	57	54	- 3	65	55	WSW	2	6	SW	7	pc	0. 02	2
Liverpool (Bidston Obs.) ...	29. 56 2	- 07	57	53	- 6	68	53	W	4	6	SW	6	c	—	4
Valencia ...	29. 75 2	+ 10	57	53	- 3	64	52	WNW	4	4	W	6	p	0. 06	4
Roche's Point ...	29. 70 2	+ 03	57	54	- 3	66	50	W	4	4	WSW	3	cpb	0. 01	3
Pembroke ...	29. 67 2	- 08	57	52	- 5	62	54	WNW	5	7	SW	4	od	0. 24	3
Portishead ...	29. 66 8	- 14	60	55	- 5	71	55	NW	4	6	WSW	9	pg	1. 02	3
Scilly ...	29. 82 2	- 06	59	56	- 4	66	56	W	6	6	W	6	op	0. 25	5
Plymouth ...	29. 72 8	- 06	60	58	- 2	67	56	W	3	3	SW	6	pno	0. 13	*
Hurst Castle ...	29. 70 8	- 19	62	58	- 1	68	57	WNW	3	5	WSW	5	mc	0. 04	3
Dover ...	29. 65 8	- 25	61	58	- 2	64	60	WSW	2	5	SW	7	c	—	2
London ...	29. 65 8	- 22	61	58	- 3	72	54	WSW	2	5	SW	9	co	0. 05	*
Oxford ...	29. 64	- 18	59	55	- 3	77	53	SW	2	6	SW	1	ob	0. 62	*
Cambridge ...	29. 62 8	- 18	61	57	- 3	77	54	SW	2	4	SSW	8	2c	0. 17	*
Yarmouth ...	29. 61 8	- 23	60	58	- 1	68	57	W	3	5	SW	4	2c	0. 14	3
Helder ...	29. 58	- 26	62	*	- 1	*	*	S	4	*	*	*	*	*	2
Cape Gris Nez ...	29. 66 8	- 26	61	59	0	67	60	SW	4	4	SW	10	o	—	3
Brest ...	29. 88 8	- 14	58	56	- 2	67	56	W	3	4	SW	8	fo	0. 55	4
L'Orient ...	?	?	62	62	+ 2	69	?	WNW	4	4	WNW	3	ch	0. 08	3
Rochefort ...	29. 94 2	- 15	67	63	+ 2	?	63	W	5	4	NW	10	bo	—	3
Biarritz ...	30. 01 2	- 05	68	64	+ 2	86	64	W	5	5	E	9	er	0. 04	3
Corunna ...															
Brussels ...	29. 68	- 31	65	*	+ 6	*	*	W	3	*	*	*	o	*	*
Charleville ...	29. 78	- 15	63	*	+ 10	*	*	S	1	*	*	*	o	*	*
Paris ...	29. 78 8	- 26	63	*	+ 2	80	62	W	3	7	SSW	10	er	0. 08	*
Lyons ...	?	?	74	*	+ 1	*	*	SW	1	*	*	*	2	*	*
Toulon ...	30. 13 2	+ 09	67	63	- 4	81	63	NE	1	3	SE	9	f	—	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.		
Skudesnaes ...	29.56	54	57	SE	6	*	2	4	Valencia ...	29.66	62	58	W	4	7	c	4
Thurso ...	29.18	65	59	SSW	3	6	pc	3	Scilly ...	29.82	66	64	WSW	6	8	o	6
Scarborough...	29.56	69	63	WSW	5	7	c	4	London ...	29.82	69	63	SW	4	10	o	*
Greencastle ...	29.47	61	58	W	4	8	o	*	Rochefort...	30.04	77	64	WSW	3	4	c	2
Holyhead ...	29.66	62	58	W	4	7	c	4									

The depression noticed this morning is apparently passing away to the NE<sup>rd</sup> and the barometer has fallen nearly two tenths of an inch at Thurso, where it is now 29.18 ins. and a recovery is in progress at our NW<sup>rd</sup> stations. At Valencia, however, the recovery has been very slight. The wind has veered to SSW at Thurso with finer weather, and a rise of 15° in temperature.

## EXPLANATION OF COLUMNS.

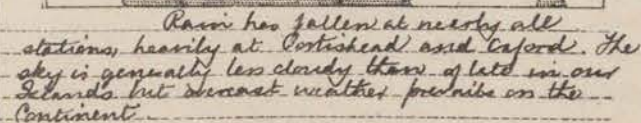
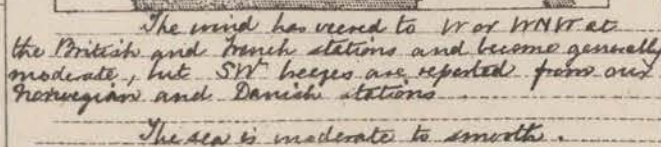
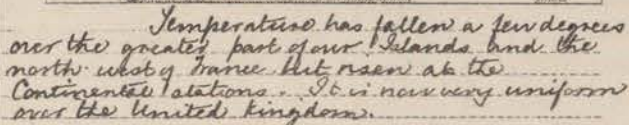
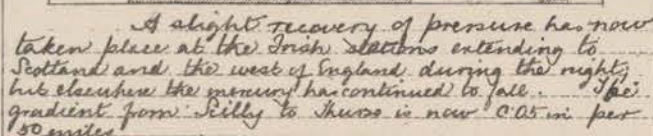
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



SATURDAY 8<sup>TH</sup> AUGUST 1874 AT 8 A.M.



Dangerfield, Lith London



# SUMMARY OF WEATHER IN WESTERN EUROPE

from 2<sup>ND</sup> AUGUST to 8<sup>TH</sup> AUGUST 1874.

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

During the whole of this week pressure has been highest over southern and south-western Europe, and several well-marked though small depressions have passed over North-Western Europe, chiefly from the W<sup>nd</sup>. Thus we have had an alternation of SW<sup>ly</sup> and NW<sup>ly</sup> winds, and on some occasions the NW<sup>ly</sup> wind has been felt in great strength especially in the north and north-east of Scotland during the night of the 5<sup>th</sup>. Rain has fallen much more frequently and generally than of late. Some thunderstorms have occurred in various places, and temperature has been low for the time of year.

2<sup>ND</sup> AUG<sup>ST</sup> The depression which was advancing on our coasts from the Atlantic on the evening of the 1<sup>st</sup> Aug<sup>st</sup> now lay to the NW<sup>ly</sup> of our Islands, while the highest readings were found over France. W<sup>ly</sup> winds were consequently general over the United Kingdom, being fresh to strong in the north but generally moderate in the south. In the west of Norway the wind drew round to the S<sup>ly</sup> and was fresh, but in Denmark light W<sup>ly</sup> breezes, belonging to the previous circulation, were still felt. Temperature rose a little in most places, more especially at our eastern stations. The sky was still very cloudy except in the south of France; and some rain fell at the northern and the most western of our stations.

3<sup>RD</sup> AUG<sup>ST</sup> The depression noticed yesterday had now reached the northern part of Scandinavia and the barometer had risen on all our coasts. The wind veered to NW over the British Isles generally, and to N in France, being generally moderate in force; but in Norway and Sweden strong W<sup>ly</sup> to SW<sup>ly</sup> breezes were reported, attaining the force of a gale at Christiansund. Temperature fell several degrees in the United Kingdom, but rose a little on the Continent. The sky was still very cloudy on the eastern shores of the North Sea, but had cleared considerably over Brit<sup>ain</sup> and France. The increase of pressure continued till the evening, when a fresh fall set in on our western coasts, owing to the approach of a new disturbance.

4<sup>TH</sup> AUG<sup>ST</sup> During the night the barometer had fallen very suddenly in Ireland; while it had risen fast in Norway and Denmark. A well-marked but small depression had advanced from the W<sup>nd</sup>, and at dawn its centre lay over the north-east of Ireland. The winds backed quickly, and circulated cyclonically round the new disturbance, being strong from W in the south of Ireland, from SW in the west of England, light from the latter quarter in the east and south-east, and moderate from E in the north-west. Over France the wind was variable. Temperature rose somewhat and the weather became overcast, with rain near and in advance of the depression, but elsewhere the weather was rather colder and the sky moderately clear. During the day the whole circulation moved very quickly in an E<sup>ly</sup> direction over England, and the barometer rose as it passed, while the weather became temporarily fine.



5<sup>th</sup> AUG<sup>th</sup> Scarcely had the bourrasque just noticed reached the Danish coasts when a new and rather more complicated system showed itself. Two centres of disturbance were apparent at Sam, the larger to the NW<sup>rd</sup> of Scotland, and the smaller over Ireland, the highest readings being still over Spain and the west of France. The wind had again returned to the SW<sup>rd</sup> or SSW<sup>rd</sup> and freshened over the United Kingdom, while N<sup>ly</sup> breezes still held on the eastern shores of the German Ocean, and NW<sup>ly</sup> breezes prevailed in the west of France. The changes in temperature were slight and sudden. The sky was again very cloudy and the weather showery except in the east, where it was still fine. During the day the Irish depression moved SE<sup>ward</sup> but had disappeared by the following morning.

6<sup>th</sup> AUG<sup>th</sup> The northern depression just noticed had now travelled to the south of Norway, causing a rapid increase of pressure at all the Scandinavian stations, while over the greater part of our Islands a very general recovery had taken place. The wind still circulated round the low pressure and had consequently veered to NW over the United Kingdom and France. In the north and north-east of Scotland it had blown a fresh gale from that quarter during the night, and a strong breeze along all our western coasts. The weather became warmer and much finer in these Islands generally though it continued cloudy at the most western stations, and a new but slight fall of the barometer reported from Valencia in the afternoon showed that it was not yet settled.

7<sup>th</sup> AUG<sup>th</sup> The disturbance of the last two days had apparently reached Finland, and a brisk recovery had taken place over Scandinavia and Denmark, but a new area of low pressure had shown itself on the north-west coast of Scotland, and the barometer fell at nearly all our stations. Moderate W<sup>ly</sup> breezes still prevailed in Denmark. The wind again backed to SW over Ireland and England, and to SE in the east and north of Scotland but was moderate to fresh in force. Temperature had risen a little except on the Danish coasts and in the north-east of France. The sky became very cloudy generally, with rain in the north-west. A slight recovery occurred in the west towards the close of the day, but the area of low pressure moved very slowly in a NE<sup>ly</sup> direction.

8<sup>th</sup> AUG<sup>th</sup> The barometer stood rather higher at the Irish and most of the Scotch stations, but lower elsewhere than on the previous day. The highest readings were still found in the extreme south, and the lowest in the north. The wind veered to W or WNW throughout Ireland, England and France, but had backed to S or SSW in Denmark and the south of Norway: in Scotland W<sup>ly</sup> airs prevailed. Temperature fell at most of our own stations but rose on the Continent, and the sky became clearer in most places. During the day the recovery extended over the whole of the Kingdom, but showers fell on all but the French and some of our south-eastern coasts.

Meteorological Office,

116, Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Director.



Sunday 8 a.m.

# WEATHER REPORT. August. 9<sup>th</sup> 1874.

STATIONS.	BAROMETER.			THERMOMETERS. (In shade).				WIND.					Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distur- ance. 0 to 9.	
	At 8 A.M.	Change since yesterday	Reduced to 32° F. at the Mean Sea Level.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.						
				Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.					
Haparanda	29.73	+ .15		56	55	- 1	*	*	N	2	2	NW	*	b o	*	*	
Hernösand	29.63	- .02		57	55	0	*	*	SE	6	0	Z	*	b o	*	*	
Stockholm	29.36	- .32		?	?	?	*	*	SE	6	2	S	*	b c	*	*	
Wisby	29.62	- .20		67	62	+ 7	*	*	S	4	2	S	*	b c	*	*	
Christiansund	29.36	- .07		55	53	- 1	*	*	NW	2	0	Z	*	c o	*	2	
Skudesnaes	29.42	- .05		58	53	- 3	*	*	SSW	4	2	SSE	*	c o	*	3	
Oxö (X'tiansand)	29.43	- .11		57	54	- 3	*	*	WSW	4	4	ESE	*	r b	*	2	
Skagen (The Skaw)	29.62	-		62	61	-	*	*	SW	2	*	*	*	r	0.12	*	
Fanö	29.48	- .11		60	57	- 6	*	*	W	2	*	*	*	r b	0.82	*	
Cuxhaven	29.652	- .02		60	59	- 5	70	?	WSW	3	3	NW	2	r b	0.42	*	
Samburgh Head	29.442	+ .11		56	54	+ 1	60	47	N	1	1	SSW	4	c	-	1	
Stornoway (Hebrides)	29.532	+ .20		52	51	- 3	60	50	NW	4	4	NW	4	p c	0.13	3	
Thurso	29.482	+ .17		57	54	+ 3	63	40	WNW	1	1	NNE	5	c	0.06	1	
Wick	29.572	+ .16		57	54	+ 6	63	43	NE	2	2	NE	4	c	0.13	0	
Nairn	29.532	+ .16		56	54	+ 2	66	57	W	1	1	W	10	p o	0.18	1	
Aberdeen	29.502	+ .14		54	52	- 5	71	47	W	3	3	W	10	c b d	0.67	1	
Leith	29.592	+ .16		60	58	+ 3	67	50	NW	4	3	W	5	b c	0.21	*	
Shields	29.622	+ .14		59	55	+ 1	64	59	NNW	5	5	WSW	5	c	-	2	
York	29.702	+ .12		57	53	- 2	68	50	W	2	5	SW	?	c t o	-	*	
Scarborough	29.672	+ .17		60	55	+ 1	66	50	W	3	3	WSW	9	c o	0.01	2	
Nottingham	29.792	+ .20		59	55	- 3	71	53	SW	4	6	WNW	6	p r	0.07	*	
Ardrossan	29.642	+ .21		56	51	0	64	53	NW	5	5	NW	6	c	0.01	4	
Greencastle	29.702	+ .25		56	54	+ 1	58	50	WSW	1	6	NW	9	p o	0.37	*	
Donaghadee	29.832	+ .35		56	53	+ 2	64	53	W	3	7	W	8	g o	0.09	3	
Kingstown	29.832	+ .24		56	53	0	64	53	W	3	7	W	8	g o	0.09	3	
Holyhead	29.792	+ .21		57	54	0	64	53	W	3	8	W	6	g c	-	4	
Liverpool (Bidston Obs.)	29.752	+ .19		54	51	- 3	64	53	W	5	7	W	7	c	0.14	5	
Valencia	29.698	- .16		60	58	+ 3	63	52	W	3	16	W	7	p o	0.04	3	
Roche's Point	29.?	?		60	59	+ 3	66	57	SSW	4	7	NNW	9	c g o	0.03	4	
Pembroke	29.872	+ .20		57	53	0	60	55	WNW	3	7	WNW	7	c w o	0.01	4	
Portishead	29.862	+ .20		63	57	+ 3	69	53	WSW	4	17	WNW	10	g o	0.03	4	
Scilly	30.072	+ .25		60	57	+ 1	62	57	WSW	4	16	WNW	9	p o	0.01	5	
Plymouth	29.942	+ .22		60	57	0	67	57	WSW	3	4	WNW	0	p w o	0.06	*	
Hurst Castle	29.922	+ .22		61	56	- 1	68	56	WNW	3	4	WNW	10	p g	0.29	3	
Dover	29.832	+ .18		64	57	+ 3	68	52	W	4	5	WSW	3	c b	0.04	3	
London	29.852	+ .20		62	54	+ 1	72	52	NNW	3	4	W	4	p c	-	*	
Oxford	29.84	+ .20		58	52	- 1	68	52	W	4	5	W	1	o b	0.07	*	
Cambridge	29.792	+ .17		60	58	- 1	68	52	W	2	2	W	8	c	-	*	
Yarmouth	29.752	+ .14		60	55	0	68	53	WNW	4	4	WNW	4	b l e	-	3	
Helder																	
Cape Gris Nez	29.832	+ .17		58	54	- 3	65	57	W	7	8	WSW	6	c o	*	5	
Brest	30.102	+ .22		59	55	+ 1	63	54	WNW	4	4	WNW	10	o	0.04	3	
L'Orient	?	?		59	55	+ 1	69	?	NW	4	8	NW	10	c o	-	3	
Rocheport	30.192	+ .25		61	57	- 6	?	58	W	5	8	NW	10	c o	-	3	
Biarritz	30.252	+ .24		66	57	- 2	70	62	NW	5	5	NW	7	r f	-	3	
Corunna																	
Brussels	29.86	+ .18		57	*	- 7	*	*	WSW	3	*	*	*	c	*	*	
Charleville	29.90	+ .12		54	*	- 9	*	*	W	3	*	*	*	o	*	*	
Paris	30.012	+ .13		58	*	- 5	71	57	?	5	?	?	2	c	0.16	*	
Lyons	?	?		66	*	- 8	*	*	N	3	*	*	*	o	*	*	
Toulon	29.958	- .18		68	59	+ 1	73	67	NW	8	4	ESE	2	o u b	-	6	

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.44	59	58	SSE	2	*	o	4	Valencia ...	29.86	59	55	WNW	6	6	fo
Thurso ...	29.38	60	55	NNE	1	7	c	1	Scilly ...	29.87	61	57	WNW	6	5	p
Scarborough...	29.53	63	57	WSW	3	6	c	2	London ...	29.72	67	57	W	2	7	o p
Greencastle ...	29.50	57	56	NW	5	7	p	*	Rocheport...	30.00	72	65	NW	7	7	c
Holyhead ...	29.63	60	56	W	4	6	fo	3								

The recovery of pressure has become general in our Islands. The wind has veered to NW in Iceland with a rough sea, and to NNE at Thurso. The weather is showery in the W. and S.

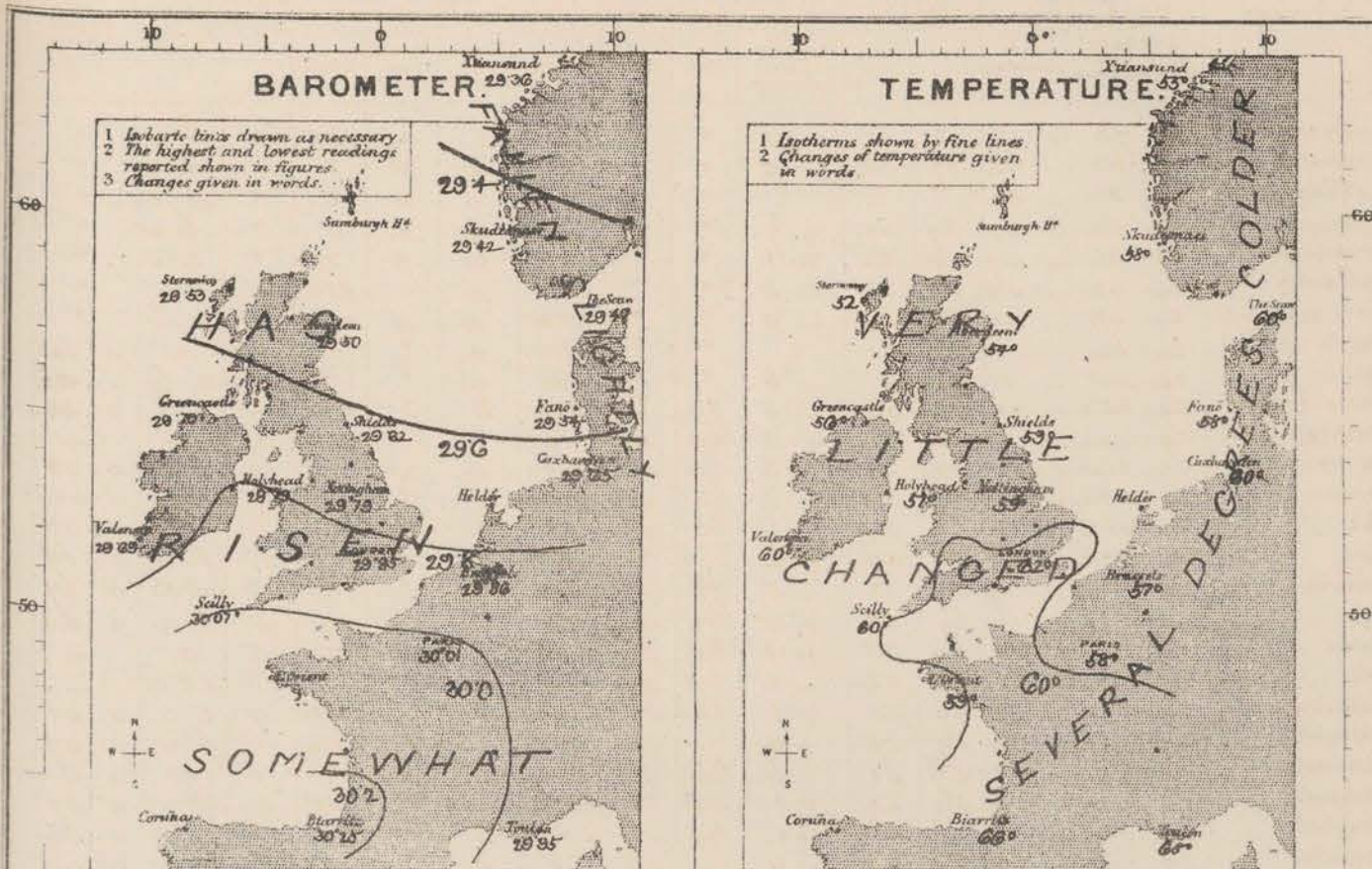
## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.  
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

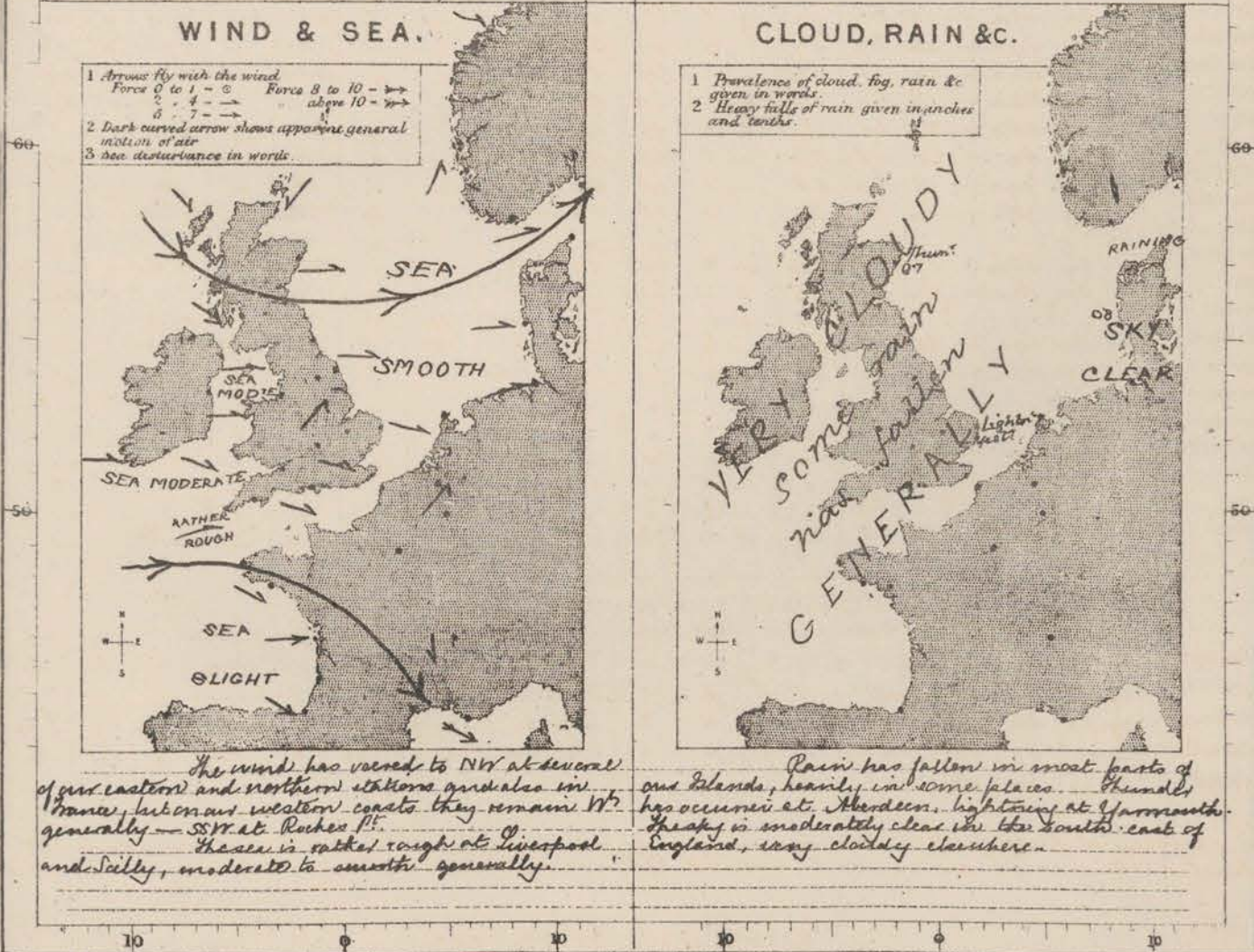


# WEATHER CHARTS AND REMARKS FOR SUNDAY 9<sup>TH</sup> AUGUST 1874 AT 8 A.M.



The area of least pressure which lay over our northern stations yesterday has now travelled in a N.E. direction to Scandinavia, and readings have consequently risen over our islands and France, while in Norway and Denmark they have decreased a little. A fresh fall has, however, set in in the west of Ireland during the night, and the gradient from Sully to Valencia is 0.04 in. per 50 miles.

Temperature has risen several degrees at the Continental stations, but is very little changed in our Islands.



The wind has veered to NW at several of our eastern and northern stations and also in France, but on our western coasts they remain W. generally - S.W. at Roches Pt. The sea is rather rough at Liverpool and Sully, moderate to smooth generally.

Rain has fallen in most parts of our Islands, heavily in some places. Thunder has occurred at Aberdeen, lightning at Yarmouth. The sky is moderately clear in the south east of England, very cloudy elsewhere.

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

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

Dangierfield, Esq., 22, Bedford St. Covent Garden.



Mon-day 8 a.m.

# WEATHER REPORT. August 10<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS.				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29.72	01	59	59	+7	*	*	SE	2	2	E	bc	*	*	
Hernösand ...	29.58	05	59	58	+2	*	*	S	?	4	ESE	?	*	*	
Stockholm ...	29.65	+29	62	57	?	*	*	SSW	2	2	S	ob	*	*	
Wisby ...	29.82	+20	60	58	-7	*	*	W	2	2	S	c	*	*	
Christiansund ...	29.50	+14	57	53	+2	*	*	?	0	6	WSW	co	*	2	
Skudesnaes ...	29.57	+15	60	54	+2	*	*	SSW	4	4	W	rc	*	3	
Oxö (X'tiansand) ...	29.62	+19	55	53	-2	*	*	NNE	2	4	SW	b	*	2	
Skagen (The Skaw) ...	29.67	+19	57	55	-3	*	*	WSW	2	2	SW	rb	0.28	*	
Fanö ...	29.65	+11	60	56	+2	*	*	S	4	4	W	c	0.04	*	
Cuxhaven ...	29.73	+08	57	56	-3	?	49	S	2	2	WSW	tb	0.04	*	
Sumburgh Head ...	29.41	03	52	50	-4	60	48	E	3	2	WNW	c	-	3	
Stornoway (Hebrides) ...	29.35	18	56	53	+4	59	50	E	6	6	E	fc	-	6	
Thurso ...	29.40	08	55	52	-2	64	50	ESE	2	2	N	fc	-	2	
Wick ...	29.45	06	55	53	-2	62	50	E	2	2	E	c	0.10	1	
Nairn ...	29.39	14	56	52	0	61	50	E	1	1	W	do	0.04	1	
Aberdeen ...	29.42	08	55	54	+1	60	50	S	2	3	W	ed	0.13	2	
Leith ...	29.40	19	52	52	-8	66	57	SE	1	4	W	er	0.19	*	
Shields ...	29.40	22	58	56	-1	63	54	WSW	3	5	NNW	er	0.03	2	
York ...	29.47	23	59	57	+2	68	54	S	1	1	S	er	0.03	*	
Scarborough ...	29.41	26	58	57	-2	64	55	WSW	1	3	W	co	0.05	1	
Nottingham ...	29.50	29	63	59	-4	70	55	S	4	5	S	pw	0.06	*	
Ardrossan ...	29.34	30	56	55	0	64	53	SW	1	5	NW	er	0.36	2	
Greencastle ...	29.33	47	56	54	0	60	54	SSW	4	4	SSW	fo	0.27	*	
Donaghadee ...	29.35	35	56	55	0	62	54	W	4	5	SW	lc	0.17	3	
Kingstown ...	29.46	37	57	54	+1	62	55	S	2	4	SSE	o	0.07	2	
Holyhead ...	29.46	33	58	56	+1	63	56	WSW	4	4	SW	rc	0.09	3	
Liverpool (Bidston Obs.) ...	29.44	31	59	55	+5	64	54	?	3	5	?N	c	0.03	3	
Valencia ...	29.57	12	57	55	-3	63	53	W	4	4	W	pc	0.07	4	
Roche's Point ...	29.54	?	58	55	-2	60	55	W	4	5	W	trpe	0.04	4	
Pembroke ...	29.54	33	59	54	+2	62	57	W	6	6	WSW	og	0.12	4	
Portishead ...	29.56	30	63	60	0	65	56	WSW	4	6	SW	gp	0.18	3	
Scilly ...	29.69	38	60	57	0	65	57	W	5	6	WSW	fp	0.08	5	
Plymouth ...	29.66	28	59	58	-1	63	56	WSW	4	4	SW	p	0.17	*	
Hurst Castle ...	29.63	27	63	59	+2	69	59	W	5	6	SSW	po	0.07	5	
Dover ...	29.60	23	59	58	-5	66	57	WSW	4	6	WSW	gd	0.16	4	
London ...	29.60	25	64	59	+2	68	56	WSW	3	5	SW	cro	0.10	*	
Oxford ...	29.55	29	61	58	+3	66	56	WSW	2	5	WSW	pw	0.09	*	
Cambridge ...	29.52	27	63	58	+3	68	55	SW	2	2	SW	re	0.04	*	
Yarmouth ...	29.52	23	60	58	0	67	56	WSW	4	4	WSW	re	0.15	3	
Heider ...	29.56	-	58	*	-	*	*	S	6	*	*	*	*	4	
Cape Gris Nez ...	29.61	22	61	57	+3	64	57	WSW	7	7	WSW	ro	0.16	5	
Brest ...	29.84	26	60	58	+1	62	56	W	5	7	WSW	ouo	0.39	4	
L'Orient ...	29.?	?	59	59	0	66	?	W	5	7	WSW	r	0.12	5	
Rochefort ...	29.99	20	65	61	+4	?	58	WSW	8	7	NW	or	0.08	5	
Biarritz ...	30.08	17	64	60	-2	71	58	S	1	5	NW	er	-	4	
Corunna ...	30.22	-	66	*	-	*	*	SW	1	*	*	obf	*	1	
Brussels ...	29.67	19	62	*	+5	*	*	SW	3	*	*	*	*	*	
Charleville ...	29.?	?	57	*	+3	*	*	SW	3	*	*	o	*	*	
Paris ...	29.78	13	62	*	+4	67	57	SW	4	8	W	or	0.75	*	
Lyons ...	?	?	64	*	-2	*	*	SW	2	*	*	c	*	*	
Toulon ...	30.06	+11	61	50	-7	80	58	NW	7	8	NW	b	-	5	

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

Stations.	Bar.	Dry.	Wet.	Wind.	C.	Wet.	Sea.	Stations.	Bar.	Dry.	Wet.	Wind.	C.	Wet.	Sea.
Skudesnaes ...	29.47	59	55	WSW	4	*	c	3	Valencia ...						
Thurso ...								Scilly ...							
Scarborough ...								London ...							*
Greencastle ...								Rochefort ...	30.18	70	59	NW	7	10	0
Holyhead ...															3

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



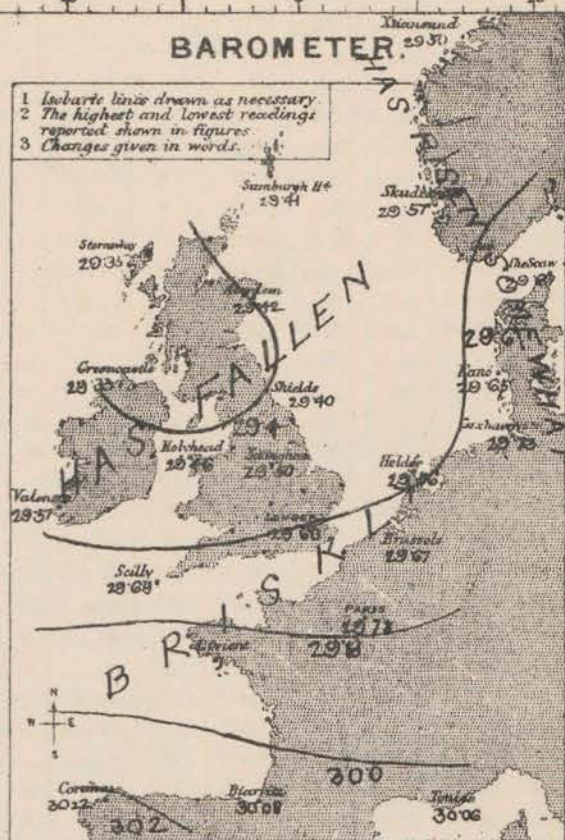
# WEATHER CHARTS

## AND REMARKS FOR

### MONDAY 10<sup>TH</sup> AUGUST 1874 AT 8 A.M.

#### BAROMETER.

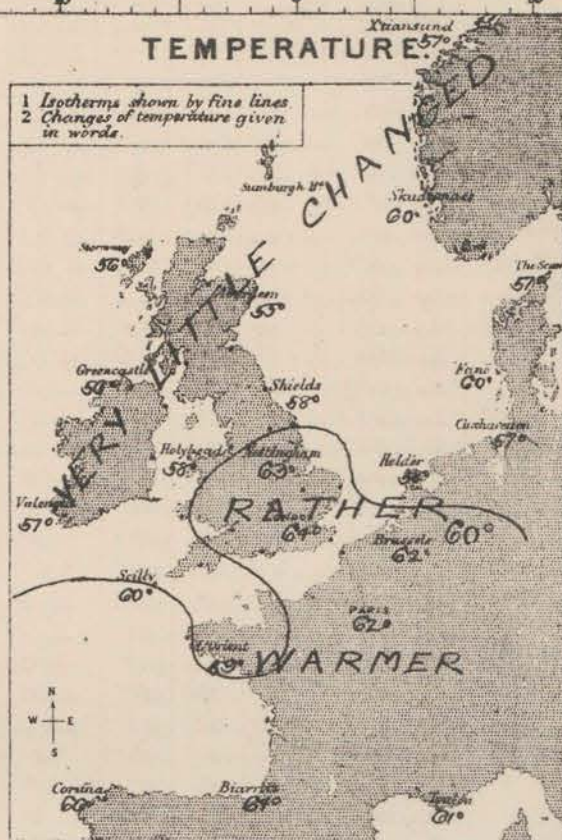
- 1 Isotherms shown by fine lines.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The fall in the barometer noticed in the west of Ireland on Saturday night has since extended to all but the eastern shores of the North Sea. The centre of a rather large but shallow depression now lies off our north-west coast, the gradient from Redoubt to Holyhead being only 0.045 in. per 50 miles.

#### TEMPERATURE.

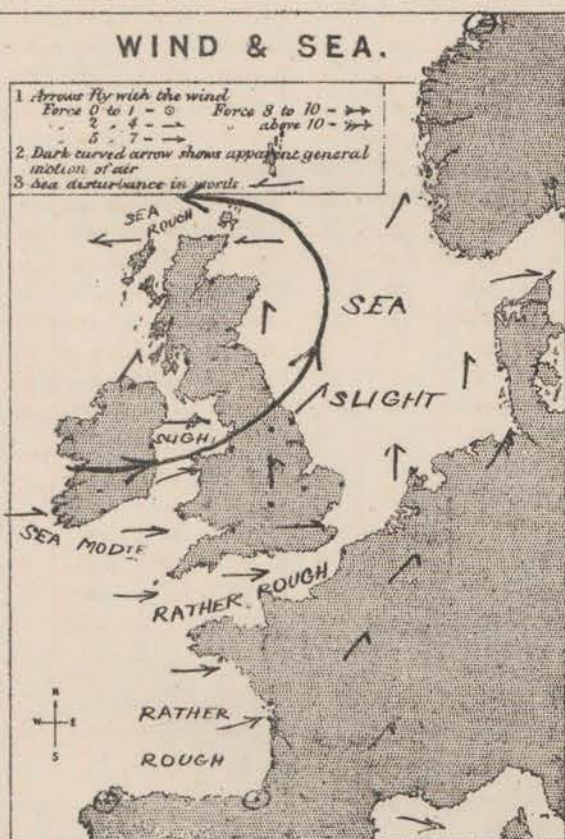
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has not changed much, but the weather is rather warmer over France and the south of England.

#### WIND & SEA.

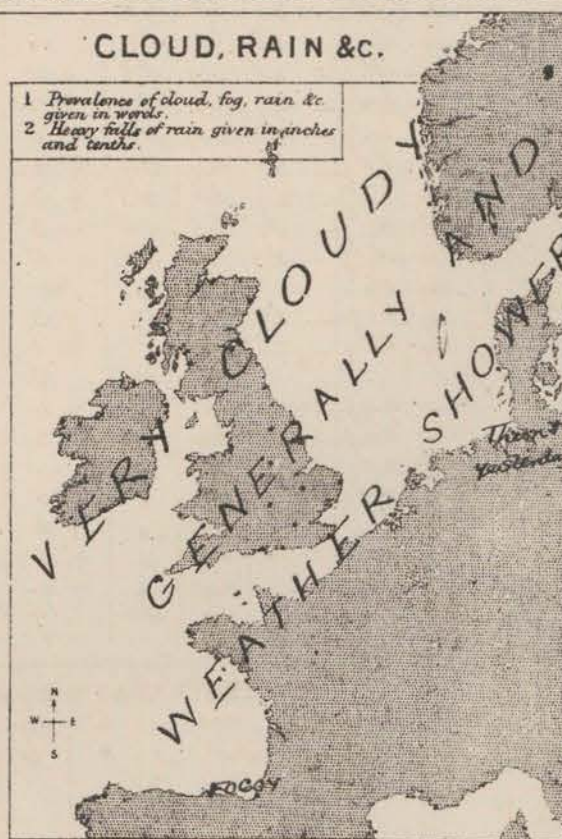
- 1 Arrows fly with the wind. Force 0 to 1 - 0, Force 2 to 10 - 10, Force 10 to 12 - 12.
- 2 Dark curved arrow shows approximate general motion of air.
- 3 Sea disturbance in words.



The wind is W at the southern stations, S in Holland and E in the north of Scotland, while on the Danish and Norwegian coasts it is very variable. In force it is light to moderate, except at Redoubt. The sea is rough at Stornoway, rather so at the mouth of the Channel, moderate to smooth elsewhere.

#### CLOUD, RAIN & C.

- 1 Prevalence of cloud, fog, rain &c given in words.
- 2 Heavy falls of rain given in inches and tenths.



Rain has fallen generally, accompanied by thunder at Cuxhaven. The sky is very cloudy and the weather showery.

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

Meteorological Office  
116, Victoria Str<sup>et</sup>. Westminster, S.W.

ROBERT H. SCOTT, Director.

Dunfield, Lth, 22 Bedford St. Covent Garden



Tues-day 8 a.m.

# WEATHER REPORT. August. 11<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda	29.83	+ .11	61	58	- 2	*	*	S	2	2	S	*	o	*	*
Hernösand	29.76	+ .18	55	54	- 4	*	*	NE	2	2	S	*	bf	*	*
Stockholm	29.70	+ .05	61	59	- 1	*	*	S	2	2	SSW	*	bb	*	*
Wisby	29.83	+ .01	61	59	+ 1	*	*	SSE	2	2	SW	*	bc	*	*
Christiansund	29.66	+ .16	58	53	+ 1	*	*	NNE	4	2	NNW	*	cb	*	3
Skudesnaes	29.47	- .12	59	54	- 1	*	*	E	6	2	ENE	*	cr	*	4
Oxö (X'tiansand)	29.45	- .17	58	57	+ 3	*	*	ESE	6	4	ENE	*	or	*	4
Skagen (The Skaw)	29.54	- .13	60	59	- 2	*	*	SE	4	2	SSE	*	cr	0.20	*
Fanö	29.48	- .17	64	59	+ 4	*	*	SW	4	2	S	*	c	0.12	*
Cuxhaven	29.57	- .16	58	57	+ 1	64	?	SW	4	3	SSW	9	ro	0.08	*
Sumburgh Head	29.47	+ .06	52	50	0	60	50	ENE	7	4	E	10	co	-	5
Stornoway (Hebrides)	29.45	+ .10	56	55	0	59	53	EVE	4	6	E	8	ru	0.27	5
Thurso	29.43	+ .03	54	53	- 1	59	53	E	4	4	E	9	tpo	0.07	3
Wick	29.41	- .04	53	53	- 2	58	52	E	3	4	ESE	10	od	0.11	3
Nairn	29.39	00	54	53	- 2	57	53	E	1	1	E	10	r	0.68	2
Aberdeen	29.30	- .12	55	55	0	58	48	NNE	4	4	NNE	10	ro	1.31	3
Leith	29.38	- .02	55	53	+ 3	62	50	WSW	4	1	S	7	opc	0.19	*
Shields	29.37	- .03	58	55	0	63	50	WNW	1	2	SW	8	eto	0.02	2
York	29.46	- .01	55	53	- 4	69	50	SW	1	2	W	10	elo	0.05	*
Scarborough	29.40	- .01	50	48	- 8	64	50	SW	2	2	W	10	o	-	2
Nottingham	29.56	+ .06	58	53	- 5	72	?	SSW	6	6	W	10	ptw	0.15	*
Ardrossan	29.40	+ .06	58	55	+ 2	65	50	NW	3	3	NNW	7	c	0.10	2
Greencastle	29.49	+ .16	53	53	- 3	60	53	NW	5	7	SW	10	gfp	0.22	*
Donaghadee	29.46	+ .11	56	52	0	65	52	W	5	5	W	7	rc	0.43	4
Kingstown	29.63	+ .17	54	50	- 3	62	52	W	6	6	WNW	15	he	0.03	4
Holyhead	29.58	+ .12	54	51	- 4	65	54	W	7	8	W	7	ron	0.10	6
Liverpool (Bidston Obs.)	29.48	+ .04	52	52	- 5	65	57	W	7	8	WSW	10	ro	0.21	6
Valencia	29.88	+ .31	55	52	- 2	60	57	WNW	16	7	WNW	5	p	0.26	6
Roche's Point	29.81	+ .27	56	53	- 2	64	50	W	4	7	N	3	glb	0.03	4
Pembroke	29.74	+ .20	55	57	- 4	60	54	WNW	8	9	WSW	7	oe	0.04	6
Portishead	29.73	+ .27	61	57	- 2	69	53	WNW	6	8	WNW	5	gc	0.28	5
Scilly	29.92	+ .23	58	54	- 2	63	55	WNW	6	7	WNW	6	g	0.06	6
Plymouth	29.84	+ .18	58	57	- 1	65	54	W	4	13	WNW	4	pc	0.07	*
Hurst Castle	29.78	+ .15	60	55	- 3	69	56	WNW	6	6	WNW	3	pb	0.12	5
Dover	29.72	+ .12	61	55	+ 2	65	52	WSW	4	6	WSW	2	epb	0.33	4
London	29.71	+ .11	60	54	- 4	68	50	W	5	7	W	6	trc	0.30	*
Oxford	29.68	+ .13	57	57	- 4	69	57	WSW	5	16	WSW	1	pb	0.07	*
Cambridge	29.64	+ .12	58	53	- 5	70	50	SW	5	5	SW	7	ptc	0.24	*
Yarmouth	29.60	+ .08	56	53	- 4	67	50	W	4	4	WSW	3	rtb	0.43	4
Helder	29.56	00	57	*	- 1	*	*	W	6	*	*	*	*	*	2
Cape Gris Nez	29.73	+ .12	58	53	- 3	63	57	WNW	7	9	WSW	2	ob	-	5
Brest	30.02	+ .18	58	56	- 2	64	56	NW	4	5	NW	10	ro	0.04	4
L'Orient															
Roche fort	30.07	+ .08	64	62	- 1	?	60	NW	4	8	W	4	oc	0.12	3
Biarritz	30.10	+ .02	63	61	- 1	72	62	SW	3	5	W	9	fr	0.08	4
Corunna	30.19	+ .03	67	*	+ 7	*	*	NE	3	*	*	*	eo	*	?
Brussels	29.74	+ .07	60	*	- 2	*	*	WNW	6	*	*	*	c	*	*
Charleville	29.87	?	55	*	+ 2	*	*	W	6	*	*	*	c	*	*
Paris	29.93	+ .15	57	*	- 5	72	54	SW	5	8	SW	6	c	-	*
Lyons		?	70	*	+ 6	*	*	W	3	*	*	*	c	*	*
Toulon	30.01	- .05	68	59	+ 7	74	61	NW	5	5	NW	1	bo	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.59	64	50	SSE	4	*	c	3	Valencia ...	29.67	59	55	W	7	4	c	7
Thurso ...	29.42	59	54	E	4	8	0	3	Scilly ...	29.74	62	56	W	6	5	c	6
Scarborough...	29.42	63	60	WSW	2	9	0	?7	London ...	29.84	67	59	W	3	9	ptg	*
Greencastle ...	29.82	58	56	W	4	10	9	*	Roche fort...	29.97	67	62	W	8	8	c	5
Holyhead ...	29.44	63	59	SW	4	3	6	4									

The depression noticed this morning is moving slowly to the E<sup>ne</sup> over the N of our Islands, and a recovery of pressure has commenced in the SW. The wind has become very strong from the W<sup>ne</sup> and SW coasts, with a very rough sea. Rembrico reports a fresh gale.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



# WEATHER CHARTS

AND REMARKS FOR

TUESDAY 11<sup>TH</sup> AUGUST 1874 AT 8 A.M.

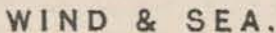


- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.

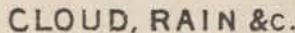


- 1 Isotherms shown by fine lines  
2 Changes of temperature given  
in words

Temperature has fallen in most parts of our Islands, but the change has been irregular.



1. Arrows fly with the wind  
Force 0 to 1 -  $\odot$  Force 8 to 10 -  $\Rightarrow$   
2. Dark curved arrow shows apparent general  
motion of air above 10 -  $\Rightarrow$   
3. Dark disturbance in words



- 1 Prevalence of cloud, fog, rain &c.  
given in words.
- 2 Heavy falls of rain given in inches  
and tenths.

Rain has fallen at nearly all stations, heavily in the east of Scotland. A heavy hail shower occurred in the north of London yesterday and thunderstorms are reported in many parts of the Country. The sky is overcast in the north, but has cleared somewhat elsewhere.

*Meteorological Office*  
116, Victoria Str.<sup>t</sup>. Westminster, S.W.  
ROBERT H. SCOTT, Director.

Dangerfield, 10th 22 Bedford St. Covent Garden



Wednesday 8 a.m.

# WEATHER REPORT. August 12<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extrema.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.65	-.18	70	64	+9	*	*	E	4	2	NE	*	ob	*	*
Hernösand ...	29.53	-.23	58	55	+3	*	*	WSW	4	2	NNW	*	bc	*	*
Stockholm ...	29.52	-.18	58	57	-3	*	*	E	4	2	SSE	*	bc	*	*
Wisby ...	29.74	-.09	59	58	-2	*	*	NW	4	2	SW	*	bc	*	*
Christiansund ...	29.46	-.20	62	53	+4	*	*	ESE	5	4	NNE	*	b	*	3
Skudesnaes ...	29.41	-.06	59	57	0	*	*	ESE	4	2	SE	*	bc	*	3
Oxö (X'tiansand)	29.42	-.03	59	55	+1	*	*	SE	4	4	S	*	c	*	2
Skagen (The Skaw)	29.47	-.07	58	54	-2	*	*	S	2	2	S	*	bc	0.20	*
Fanö ...	29.47	-.01	58	54	-6	*	*	WSW	6	6	SW	*	bc	0.57	*
Cuxhaven ...	29.64	+0.07	56	54	-2	62	?	WSW	5	4	WSW	5	oc	0.08	*
Sumburgh Head	29.37	-.10	55	54	+3	55	50	ENE	3	7	ENE	10	dc	0.01	5
Stornoway (Hebrides)	29.42	-.03	55	55	-1	57	48	NE	2	16	N	10	dc	0.13	6
Thurso ...	29.37	-.06	55	54	+1	57	53	NE	1	5	NNE	8	dc	0.62	6
Wick ...	29.39	-.02	55	55	+2	56	53	NE	2	6	NNE	10	dc	0.20	0
Nairn ...	29.40	+0.01	55	53	+1	55	54	E	0	1	E	9	dc	0.38	2
Aberdeen ...	29.35	+0.05	56	54	+1	60	41	N	2	4	NNE	7	pc	0.37	1
Leith ...	29.40	+0.02	54	53	-1	63	57	W	2	4	WNW	10	dc	0.74	*
Shields ...	29.44	+0.07	56	53	-2	65	52	W	7	8	W	4	c	0.01	3
York ...	29.58	+0.12	56	57	+1	63	48	W	3	4	W	7	c	0.07	*
Scarborough ...	29.51	+0.11	58	53	+8	62	48	W	5	4	W	4	c	0.13	4
Nottingham ...	29.66	+0.10	58	52	0	65	46	SSW	4	7	W	1	bc	—	*
Ardrossan ...	29.44	+0.04	57	54	-1	61	54	NW	3	6	WNW	8	o	0.13	2
Greencastle ...	29.54	+0.05	54	53	+1	55	51	W	3	5	WNW	9	dc	0.37	*
Donaghadee ...	29.57	+0.05	52	57	-4	61	47	WSW	6	6	WSW	10	dc	0.04	4
Kingstown ...	29.68	+0.05	54	49	0	62	50	W	5	8	W	2	gc	0.05	4
Holyhead ...	29.66	+0.08	55	57	+1	64	57	WSW	3	5	WSW	4	c	—	3
Liverpool (Bidston Obs.)	29.62	+0.14	54	49	0	61	50	WSW	5	8	W	5	oc	0.13	5
Valencia ...	29.72	-.16	57	55	+2	59	50	W	3	6	WNW	6	p	0.16	4
Roche's Point...	29.75	-.06	54	52	-2	62	48	WSW	3	6	NW	9	rgo	0.21	3
Pembroke ...	29.76	+0.02	56	57	+1	58	53	W	4	8	W	4	pc	0.02	3
Portishead ...	29.75	+0.02	60	55	-1	66	49	NNW	4	7	NNW	5	gc	0.29	4
Scilly ...	29.85	-.07	58	57	0	62	56	WSW	4	16	W	8	gc	0.10	5
Plymouth ...	29.82	-.02	57	55	-1	66	52	W	2	6	W	3	pc	0.03	*
Hurst Castle ...	29.81	+0.03	57	54	-3	69	49	WNW	3	6	WNW	5	bc	0.95	4
Dover ...	29.75	+0.03	58	53	-3	66	49	W	3	5	W	2	bc	0.03	3
London ...	29.75	+0.04	56	52	-4	68	48	WNW	3	4	W	2	pc	0.08	*
Oxford ...	29.73	+0.05	54	50	-3	66	48	W	2	7	W	3	bc	0.01	*
Cambridge ...	29.70	+0.06	57	57	-1	65	48	SW	2	4	SW	3	c	—	*
Yarmouth ...	29.67	+0.07	55	52	-1	62	49	W	4	5	WSW	3	bc	—	3
Helder ...	29.65	+0.09	58	*	+1	*	*	WSW	6	*	*	*	*	*	4
Cape Gris Nez...	29.77	+0.04	52	50	-6	65	50	N	3	8	WSW	8	co	0.35	3
Brest ...	29.99	-.03	59	50	+1	63	55	WSW	5	7	WSW	9	o	—	4
L'Orient ...	29.99	?	59	54	+1	71	?	W	4	4	NW	7	co	—	3
Rocheport ...	30.11	+0.04	63	56	-1	?	60	NW	3	7	NW	15	c	—	3
Biarritz ...	30.11	+0.01	64	60	+1	68	61	SE	1	4	NNW	9	o	—	5
Corunna ...															
Brussels ...	29.79	+0.05	57	*	-3	*	*	WSW	4	*	*	*	o	*	*
Charleville ...	29.91	+0.04	55	*	0	*	*	SW	6	*	*	*	b	*	*
Paris ...	29.97	+0.04	57	*	0	65	52	SW	5	7	SW	0	b	—	*
Lyons ...	29.97	?	64	*	-3	*	*	NE	3	*	*	*	b	*	*
Toulon ...	30.07	+0.06	66	57	-2	75	61	NW	3	5	NW	8	bc	—	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudeenaes ...	29.46	62	57	ENE	4	*	o	3	Valencia ...	29.90	58	52	WNW	6	4	p
Thurso ...	29.38	54	54	NNE	5	10	2	4	Scilly ...	29.96	61	53	WNW	6	5	c
Scarborough...	29.45	59	57	W	3	6	c	3	London ...	29.74	65	54	W	3	8	gc
Greencastle ...	29.55	54	53	NW	5	10	p	*	Rocheport...	30.10	68	66	WNW	5	6	c
Holyhead ...	29.65	62	56	WSW	5	5	c	5								

The barometre has continued to rise excepting in the N of Scotland, where it has fallen slightly. The W. wind has moderated considerably at Holyhead, but continues to blow strongly as our SW coasts at present, while at Thurso the wind has "broken" from E to NNE and freshened slightly.

## EXPLANATION OF COLUMNS.

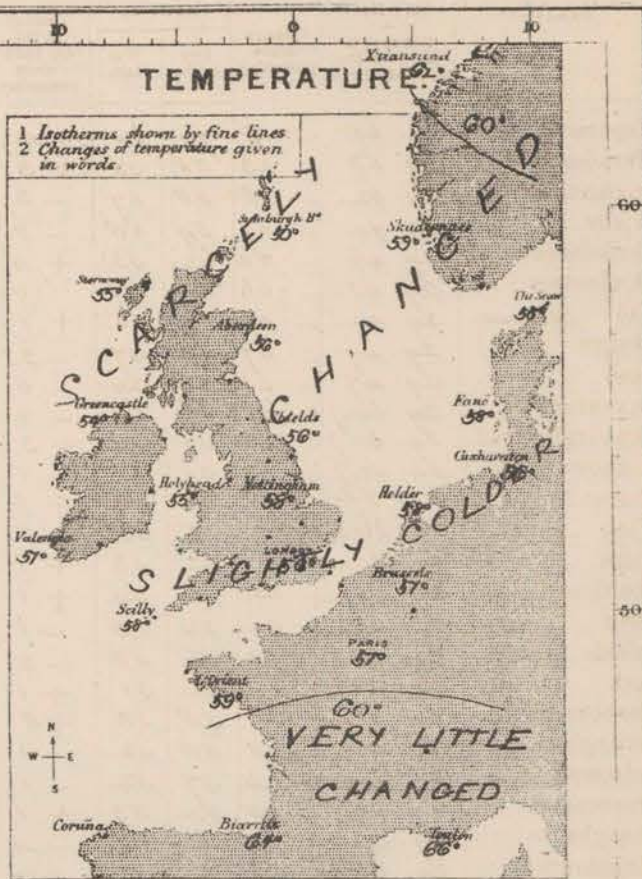
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

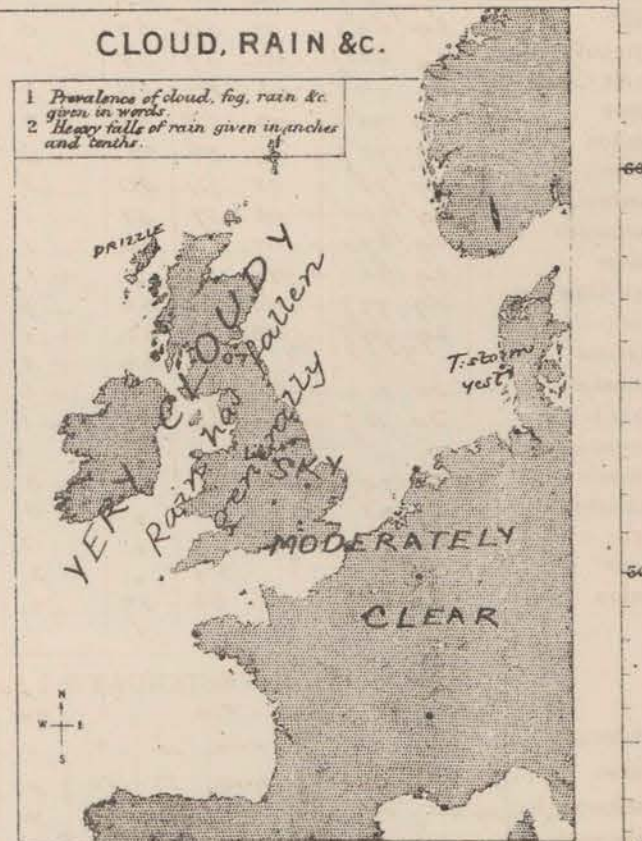


WEDNESDAY 12<sup>TH</sup> AUGUST 1874 AT 8 A.M.



The barometrical depression noticed yesterday has remained almost stationary between the Scotch and Norwegian coasts, so that very little change in pressure has occurred on our north-east coast. On the south-east, however, the barometre has risen slightly, while in Ireland and the south-west of England a fresh fall has set in during the night. The gradient from Sicily to Louth is 0.05 in. per 50 miles.

Temperature has fallen a little in Denmark and the south of England, but has not changed much elsewhere.



The wind is now moderate to fresh from the NW over the greater part of our islands and the North Sea, but E<sup>ly</sup> breeze still prevails in Norway, and light NE<sup>ly</sup> winds in the north of Scotland.

Thersea is moderate or rather rough except on new east coast.

Russia has fallen in all places, and  
continues at Stomony. Lightning was seen at  
Hillingham last night and brilliant aurora at  
Rochester. The sky is very cloudy in the north  
and west, moderately clear elsewhere.

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Meteorological Office  
116, Victoria Str<sup>t</sup>. Westminster, S.W.

ROBERT H. SCOTT, Director.

Dangerfield, Lth. 22 Bedford St Covent Garden



Thursday 8 a.m.

# WEATHER REPORT. August. 13. <sup>16</sup>/<sub>7</sub> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29.68	+03	60	58	-10	*	*	SW	2	2	SW	*	c	*	*
Hernösand ...	29.54	+01	57	55	-1	*	*	S	6	4	SE	*	c o	*	*
Stockholm ...	29.65	+13	60	58	+2	*	*	SSW	4	6	SSW	*	e	*	*
Wisby ...	29.65	-09	58	54	-1	*	*	W	4	4	WSW	*	b	*	*
Christiansund ...	29.50	+04	58	53	-7	*	*	NNE	6	2	NE	*	c o	*	3
Skudesnaes ...	29.45	+04	59	56	0	*	*	E	4	2	S	*	c o	*	3
Oxö (X'tiansand) ...	29.57	+09	58	56	-1	*	*	SW	4	4	SSW	*	e	*	?
Skagen (The Skaw) ...	29.59	+12	57	56	-1	*	*	SW	2	2	WSW	*	r b	0.35	*
Fanö ...	29.61	+14	64	57	+6	*	*	SW	4	6	WSW	*	e	0.16	*
Cuxhaven ...	29.738	+09	56	56	0	?	49	SSW	4	4	WSW	8	o r	0.03	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.468	+04	55	54	0	59	52	NE	3	3	NE	9	p o	0.09	5
Thurso ...	29.462	+09	53	52	-2	61	50	Z	0	2	NNE	8	o	0.04	1
Wick ...	29.472	+08	53	53	-2	59	50	NE	1	1	NE	10	o	-	0
Nairn ...	29.472	+07	52	52	0	61	54	NW	1	1	NE	8	p o	0.41	1
Aberdeen ...	29.452	+10	55	53	-1	64	42	W	2	2	NNE	8	p c	0.11	0
Leith ...	29.478	+07	54	52	0	63	49	W	1	6	W	6	t p c	0.30	*
Shields ...	29.498	+05	57	53	+1	64	56	SW	2	6	W	5	e	-	2
York ...	29.542	-04	57	56	+1	62	50	S	1	4	W	9	c o	0.09	*
Scarborough ...	29.512	-00	55	54	-3	60	49	SSE	1	5	WSW	10	c o	0.02	1
Nottingham ...	29.532	-13	61	58	+3	69	54	S	3	6	SW	10	r o	0.21	*
Ardrossan ...	29.442	-00	56	53	-1	60	46	ESE	1	4	WNW	5	c w	-	1
Greencastle ...	29.432	-11	54	52	0	58	49	ENE	2	4	NW	9	c o	0.01	*
Donaghadee ...	29.392	-12	55	53	+3	60	57	E	4	6	WSW	3	c	0.03	3
Kingstown ...	29.372	-31	56	54	+2	63	54	SSE	1	5	W	10	o g	0.08	1
Holyhead ...	29.382	-28	57	56	+2	64	54	E	3	4	WSW	10	r d	0.38	2
Liverpool (Bidston Obs.) ...	29.422	-20	55	54	+1	62	51	SE	2	7	WSW	10	c r	0.10	2
Valencia ...	29.332	-39	57	55	0	61	53	WSW	3	13	SW	9	r w	0.58	3
Roche's Point ...	29.322	-43	57	56	+3	63	56	SE	3	4	W	8	o r w	0.61	4
Pembroke ...	29.332	-43	59	59	+3	59	55	SW	6	7	WSW	10	g	0.84	6
Portishead ...	29.472	-28	58	57	-2	67	54	?	7	4	NNW	10	r w	0.91	3
Scilly ...	29.472	-38	61	60	+3	64	57	SW	6	7	SW	7	o p	0.27	6
Plymouth ...	29.502	-32	59	59	+2	63	56	S	6	8	S	10	r g	0.56	*
Hurst Castle ...	29.612	-20	61	50	+4	70	58	SW	6	6	SW	10	r w	0.06	6
Dover ...	29.692	-06	62	57	+4	64	55	SW	5	4	WSW	5	c w	0.16	4
London ...	29.632	-12	63	59	+7	87	56	SW	3	4	W	10	p o	0.19	*
Oxford ...	29.572	-16	60	58	+6	67	56	SW	3	6	SW	10	o g	0.15	*
Cambridge ...	29.592	-11	61	58	+4	68	55	SSW	1	3	SW	10	c o	0.18	*
Yarmouth ...	29.632	-04	60	58	+5	66	54	SW	4	4	W	5	r c	0.15	3
Helder ...	29.652	-00	60	*	+2	*	*	SW	7	*	*	*	*	*	4
Cape Gris Nez ...	29.732	-04	62	58	+10	62	57	WSW	4	5	WSW	8	o	0.04	3
Brest ...	29.702	-29	59	59	0	63	58	SW	7	7	SW	10	f	0.04	5
L'Orient ...															
Rochefort ...	29.932	-18	64	57	+1	?	60	W	3	4	NW	7	c	-	3
Biarritz ...	29.952	-16	64	59	0	76	60	SE	3	4	NE	9	o	-	4
Corunna ...															
Brussels ...	29.84	+05	60	*	+3	*	*	SW	3	*	*	*	o	*	*
Charleville ...	29.84	-07	57	*	+2	*	*	S	1	*	*	*	c	*	*
Paris ...	29.882	-09	58	*	+1	69	56	S	1	8	WSW	10	c o	-	*
Lyons ...	?	?	66	*	-1	*	*	SE	1	*	*	*	c	*	*
Toulon ...	30.042	-03	68	63	+2	?	62	NE	1	5	W	7	b o	-	2

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.			
Skudesnaes ...	29.43	62	58	S	2	*	2	3	Valencia ...	29.65	60	58	SW	2	8	p	4	
Thurso ...	29.40	57	56	N	1	8	p	0	2	Scilly ...	29.81	64	61	WSW	5	8	p	5
Scarborough...	29.56	58	55	WSW	5	8	p	4	London ...	29.77	64	54	WSW	3	7	c	*	
Greencastle ...	29.58	58	54	NW	4	7	c	*	Rochefort...	30.08	77	68	NW	4	7	c	3	
Holyhead ...	29.67	61	55	SW	4	3	b	4										

Pressure continues to decrease slowly in the SW, but has increased a little in the N and E. The wind is "backing" to the SW at all our S-stations, with showery weather.

## EXPLANATION OF COLUMNS.

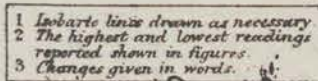
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

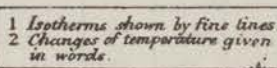
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



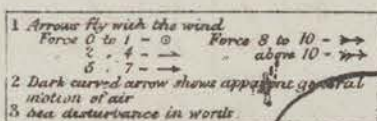
THURSDAY 13<sup>TH</sup> AUGUST 1874 AT 8 A.M.



The fall of the barometer noticed in the south-west yesterday afternoon has continued steadily, and the centre of a well-marked depression has advanced from the Atlantic over Ireland and St. George's Channel. Readings are comparatively uniform on the north, but from Rochefort to Lully there is a gradient of 0.28 in. per 50 miles.

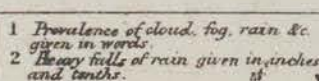


Temperature has risen somewhat at all but the northern stations, most in London, where the change came yesterday morning.



The wind continues SW at all our southern stations and has backed to the same quarters over the eastern portions of the North Sea. In the south of England it has freshened considerably, while over the north western parts of the kingdom very light E breezes are reported.

There is rough in the SW, rather so in the Channel, moderate in most other places, but smooth off <sup>over cast. coast</sup>



Rain has fallen everywhere, and the sky continues overcast, except in the north of England. The weather is not at all settled.

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....., book post 5/- per quarter.

*Meteorological Office*  
116, Victoria Str<sup>t</sup>, Westminster, S.W.  
ROBERT H. SCOTT, Director.



Fri-day 8 a.m.

# WEATHER REPORT. August 14<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)					Direc.
Haparanda ...	29.74	+ .06	59	56	- 1	*	*	S	4	1	S	*	bc	*	*
Hernösand ...	29.68	+ .14	59	56	+ 2	*	*	SSW	2	6	S	*	ob	*	*
Stockholm ...	29.77	+ .12	58	57	- 2	*	*	S	2	2	S	*	er	*	*
Wisby ...	29.95	+ .30	62	59	+ 4	*	*	SW	4	4	SW	*	c	*	*
Christiansund ...	29.70	+ .20	57	57	- 1	*	*	NNE	4	6	NNE	*	e	*	2
Skudesnaes ...	29.54	+ .09	58	53	- 1	*	*	E	6	4	S	*	co	*	3
Oxö (X'tiansand) ...	29.67	+ .16	58	56	0	*	*	ESE	4	4	SSE	*	br	*	3
Skagen (The Skaw) ...	29.71	+ .12	60	59	+ 3	*	*	S	4	2	SE	*	co	0.28	*
Fanö ...	29.57	- .04	62	60	- 2	*	*	S	4	4	SW	*	re	0.67	*
Cuxhaven ...	29.64	- .09	64	61	+ 8	?	54	S	3	5	WSW	6	re	0.07	*
Sumburgh Head ...	29.57	+ .05	53	52	- 1	60	50	NNE	5	2	NE	10	co	-	6
Stornoway (Hebrides) ...	29.54	+ .08	56	53	+ 1	61	52	NE	5	5	NE	7	c	-	5
Thurso ...	29.45	- .01	55	54	+ 2	62	52	NNE	5	4	NNE	9	er	0.01	3
Wick ...	29.42	- .05	54	54	+ 1	60	52	NE	3	3	NE	10	od	0.07	2
Nairn ...	29.41	- .06	54	53	- 1	60	54	NE	2	2	NW	10	er	1.11	3
Aberdeen ...	29.24	- .21	56	55	+ 1	63	53	N	1	2	WNW	10	re	1.16	0
Leith ...	?	?	52	52	- 3	65	52	N	2	2	E	10	er	1.42	*
Shields ...	29.25	- .24	55	54	- 2	60	52	NNE	1	6	E	8	tlo	0.18	4
York ...	29.28	- .26	57	55	0	65	57	SW	1	2	S	7	po	0.40	*
Scarborough ...	29.25	- .26	53	52	- 2	62	52	SW	1	4	SE	9	r	0.42	2
Nottingham ...	29.31	- .22	60	56	- 1	66	54	WSW	3	7	S	10	re	0.13	*
Ardrossan ...	29.34	- .10	56	53	0	65	52	NNW	3	5	ENE	7	re	0.79	2
Greencastle ...	29.50	+ .07	58	55	- 4	58	54	NNW	6	6	NNW	9	g	0.03	*
Donaghadee ...	29.37	- .02	56	54	+ 1	56	52	WNW	7	8	NNW	8	re	0.88	6
Kingstown ...	29.48	+ .11	56	54	0	60	53	WNW	7	3	N	5	re	2.38	5
Holyhead ...	29.38	00	55	53	- 2	64	52	NW	7	4	SSW	7	re	0.25	5
Liverpool (Bidston Obs.) ...	29.28	- .14	54	53	- 1	68	52	W	3	6	SSW	7	oc	0.24	2
Valencia ...	29.80	- .47	56	53	- 1	60	57	NNW	6	8	NW	7	po	0.15	6
Róche's Point ...	29.65	- .33	56	52	- 1	61	53	NNW	5	6	NNW	6	re	0.12	4
Pembroke ...	29.53	- .20	57	54	- 2	61	55	NW	5	9	W	4	re	0.04	4
Portishead ...	29.45	- .02	58	56	0	67	53	W	6	7	S	8	re	0.33	5
Scilly ...	29.70	- .23	59	55	- 2	63	56	NW	6	8	WSW	6	g	0.03	6
Plymouth ...	29.59	+ .09	57	56	- 2	65	55	WNW	2	7	SW	10	c	0.01	*
Hurst Castle ...	29.57	- .10	61	57	0	68	57	W	6	7	SW	10	po	0.37	6
Dover ...	29.49	- .20	61	58	- 1	64	58	SW	5	16	SSW	5	re	0.65	5
London ...	29.44	- .19	63	57	0	66	52	WSW	5	6	SW	6	op	0.16	*
Oxford ...	29.41	- .16	59	56	- 1	68	53	W	3	7	SW	10	er	0.23	*
Cambridge ...	29.37	- .22	60	55	- 1	67	54	SSW	3	3	SSW	10	re	0.12	*
Yarmouth ...	29.41	- .22	59	56	- 1	65	55	SSW	5	6	SSW	5	re	0.07	4
Helder ...	29.52	- .13	62	*	+ 2	69	*	SSW	6	*	*	*	*	*	2
Cape Gris Nez ...	29.57	- .22	60	58	- 2	63	58	SW	8	5	SSW	9	re	0.35	6
Brest ...	29.75	+ .05	57	57	- 2	63	55	NW	4	7	WSW	9	re	0.12	5
L'Orient ...	?	?	59	57	- 2	66	54	WNW	4	5	SW	4	oc	0.04	5
Rochefort ...	29.83	- .10	66	60	+ 1	?	61	WNW	8	8	SW	10	re	0.63	5
Biarritz ...	29.93	- .02	63	61	- 1	71	61	NW	7	3	SW	10	re	-	4
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	29.62	- .22	63	*	+ 3	*	*	SW	4	*	*	*	c	*	*
Charleville ...	29.80	- .04	60	*	+ 3	*	*	SW	6	*	*	*	r	*	*
Paris ...	29.73	- .15	60	*	+ 2	73	59	SW	5	8	SSW	10	co	-	*
Lyons ...	?	?	72	*	+ 6	*	*	SW	1	*	*	*	c	*	*
Toulon ...															

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.53	62	58	SSE 4	*	c	4	Valencia ...	29.29	58	56	WNW 3	7	b	3
Thurso ...	29.47	61	58	NNE 2	4	c	2	Scilly ...	29.48	63	60	WSW 6	6	g	6
Scarborough...	29.41	58	57	SE 4	10	r	4	London ...	29.53	64	62	SSW 5	10	20	*
Greencastle ...	29.39	56	54	NNE 3	10	g	*	Rochefort...	29.92	69	62	SW 5	10	0	3
Holyhead ...	29.24	61	60	SE 2	3	b	2								

The fall of the barometer noticed on our SW coasts has extended to the N and E of England where it has been rather brisk, but a slight recovery has set in at Scilly accompanied by the veering of the wind to SSW.

## EXPLANATION OF COLUMNS.

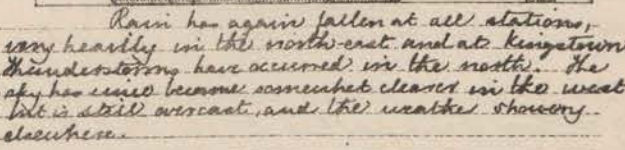
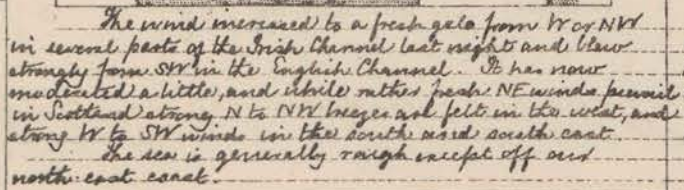
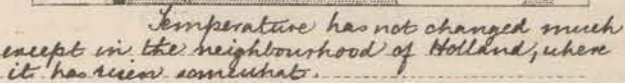
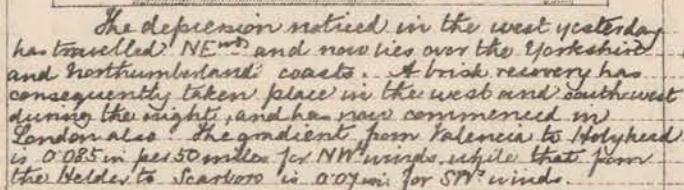
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER.** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



FRI DAY 14<sup>TH</sup> AUG<sup>ST</sup> 1874 AT 8 A.M.



Meteorological Office  
116, Victoria Str.<sup>t</sup>, Westminster, S.W.  
ROBERT H. SCOTT, Director.



Saturday 8 a.m.

# WEATHER REPORT. August 15<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac. (0 to 12.)	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.99	+25	57	55	-2	*	*	SW	8	2	SW	*	0.2	*	*
Hernösand ...	29.87	+19	60	58	+1	*	*	SE	2	2	SSW	*	b f	*	*
Stockholm ...	29.82	+05	62	60	+4	*	*	SSE	2	2	SSE	*	b f	*	*
Wisby ...	29.89	-06	64	63	+5	*	*	SE	4	2	SE	*	b c	*	*
Christiansund ...	29.51	-19	61	55	+7	*	*	ENE	1	4	NE	*	c o	*	?
Skudesnaes ...	29.57	-03	57	54	-1	*	*	SE	6	4	SSE	*	c o	*	5
Oxö (Christiansund) ...	29.56	-11	59	57	+1	*	*	SW	4	4	ESE	*	c	*	3
Skagen (The Skaw) ...	29.67	-04	62	61	+2	*	*	S	4	2	SW	*	2.0	0.32	*
Fanö ...	29.67	+10	62	58	0	*	*	SW	4	4	SW	*	c	0.04	*
Cuxhaven ...															*
Samburgh Head ...	29.448	-07	53	53	0	55	50	WNW	3	5	NE	10	2.0	0.64	4
Stornoway (H. brides) ...	29.528	-02	49	48	-7	57	48	SW	3	6	NNE	10	0.0	0.10	5
Thurso ...	29.542	+09	57	50	-4	56	50	WSW	3	5	NNE	9	2.0	0.53	3
Wick ...	29.552	+13	57	50	-3	54	50	NW	2	7	NE	10	2.0	0.39	1
Nairn ...	29.612	+20	52	50	-2	54	51	NW	1	3	NE	10	2.0	0.66	3
Aberdeen ...	29.602	+36	55	52	+1	60	53	W	3	7	NW	10	2.0	0.21	1
Leith ...	29.712	?	53	52	+1	61	50	WSW	2	3	NW	10	2.0	0.09	*
Shields ...	29.762	+57	56	53	+1	64	57	WSW	3	6	WNW	7	2.0	0.03	2
York ...	29.882	+60	57	53	0	65	50	W	2	3	W	8	2.0	0.06	*
Scarborough ...	29.802	+55	59	55	+6	62	57	W	3	2	W	9	2.0	0.05	*
Nottingham ...	29.902	+59	60	55	0	68	63	WSW	3	5	WSW	10	2.0	-	*
Ardrossan ...	29.752	+41	52	49	-4	63	57	SW	3	5	NW	9	2.0	0.14	3
Greencastle ...	29.708	+20	53	52	-5	60	57	SW	4	6	NNW	10	2.0	0.20	*
Donaghadee ...	29.772	+40	50	50	-6	60	50	S	5	7	WNW	10	2.0	0.16	3
Kingstown ...	29.912	+43	55	57	-1	61	52	SSW	2	8	WNW	9	2.0	0.01	2
Holyhead ...	29.912	+53	53	49	-2	63	53	SW	4	7	WNW	6	2.0	0.03	3
Liverpool (Bidston Obs.) ...															*
Valencia ...	30.008	+20	57	53	+4	58	51	WSW	5	7	N	8	2.0	-	4
Roche's Point ...	29.972	+17	58	54	+2	60	50	WSW	4	6	NNW	8	2.0	0.02	4
Pembroke ...	30.002	+35	57	53	+1	60	54	W	5	5	WNW	7	2.0	-	3
Portishead ...	30.002	+55	59	54	+2	60	52	NW	4	6	NW	10	2.0	0.04	3
Scilly ...	30.102	+65	59	55	+1	61	53	W	5	7	NW	5	2.0	-	4
Plymouth ...	30.072	+37	58	55	-1	67	54	WSW	3	4	NW	10	2.0	-	*
Hurst Castle ...	30.032	+34	61	55	-9	70	53	WNW	4	5	W	5	2.0	-	3
Dover ...	29.992	+50	62	55	+1	64	53	NNW	2	5	SW	5	2.0	0.03	3
London ...	29.992	+55	60	55	-3	68	50	WNW	2	6	WSW	4	2.0	0.02	*
Oxford ...	29.98	+57	57	54	-2	74	57	W	1	5	W	8	2.0	0.02	*
Cambridge ...	29.962	+59	60	54	0	68	57	W	2	3	WSW	4	2.0	-	*
Yarmouth ...	29.912	+50	58	55	-1	65	53	WNW	4	5	W	2	2.0	0.03	3
Helder ...	29.83	+31	61	*	-1	*	*	WSW	6	*	*	*	2.0	-	2
Cape Gris Nez ...	29.992	+48	58	54	-2	64	55	NW	4	7	WSW	2	2.0	0.08	3
Brest ...	30.182	+83	58	56	+1	63	55	NW	3	14	NW	10	2.0	0.08	4
L'Orient ...	?	?	57	53	-2	67	54	NW	3	7	NW	2	2.0	-	0
Rochefort ...	30.192	+34	62	57	-3	71	59	NNW	4	19	NW	6	2.0	-	3
Biarritz ...	30.222	+29	64	62	+1	66	59	S	3	5	W	6	2.0	0.62	4
Corunna ...															*
Brussels ...	29.99	+37	59	*	-4	*	*	SW	3	*	*	*	2.0	-	*
Charleville ...	29.81	+01	56	*	-4	*	*	WSW	6	*	*	*	2.0	-	*
Paris ...	30.078	+34	57	*	-3	?	55	SW	3	7	WSW	8	2.0	0.04	*
Lyons ...	?	?	64	*	-8	*	*	N	3	*	*	*	2.0	-	*
Toulon ...	30.012	-	59	54	-	80	57	NW	7	3	NW	3	2.0	-	5

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

	Bar.	Dry.	Wet.	Wind.	O.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wes.	Sea.	
Skudesnaes ...	29.57	59	57	ESE	4	*	2	4	Valencia ...	29.94	58	54	N	7	7	6
Thurso ...	29.44	54	53	N	5	9	2	4	Scilly ...	29.85	61	56	NW	7	5	7
Scarborough...	29.36	57	55	W	1	10	0	2	London ...	29.58	64	58	WSW	4	8	9/c
Greencastle ...	29.64	60	56	NNW	6	8	0	*	Rochefort...	29.91	69	60	NW	9	7	5
Holyhead ...	29.57	60	56	WNW	7	4	c	5								

The recovery of pressure continues briskly on all our coasts. The winds remained strong from N or NW on our W coasts, but are light from W in the E. The sea runs high at our SW stations.

## EXPLANATION OF COLUMNS.

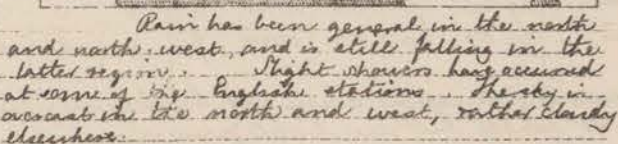
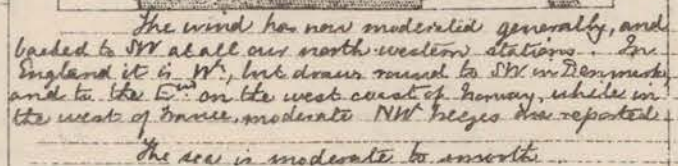
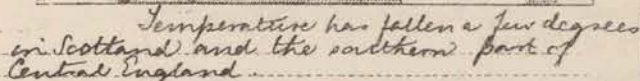
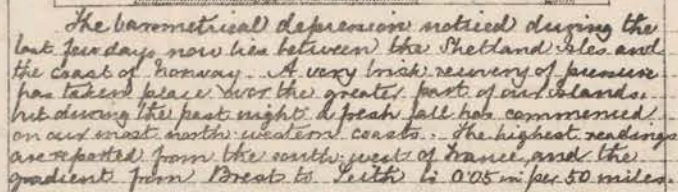
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



SATUR DAY 15<sup>TH</sup> AUGUST 1874 AT 8 A.M.



Meteorological Office  
116, Victoria Str.<sup>t</sup>. Westminster, S.W.  
ROBERT H. SCOTT, Director.

Darwinfield Lith. London



# SUMMARY OF WEATHER IN WESTERN EUROPE

from 9<sup>TH</sup> AUG<sup>ST</sup> to 15<sup>TH</sup> AUG<sup>ST</sup> 1874.

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

During this week two very well-marked depressions have passed over us. The first showed itself off the west coast of Ireland on the morning of the 9<sup>th</sup> and became dispersed between the Scotch and Norwegian coasts during the 13<sup>th</sup>; the centre of the second had advanced over Ireland by 8 am on the 13<sup>th</sup>, and on the 15<sup>th</sup> it lay between the Shetland Isles and Norway. In both cases, therefore, the progress was rather tardy. The E<sup>ly</sup> winds on the northern sides of their centres were well-defined, and the weather was in a damp and unsettled condition. The rains which accompanied the latter one were very heavy on the eastern coasts of both Ireland and Scotland. Thunderstorms have been very frequent in the north of the Country. The weather has been cold for the time of year.

AUG<sup>ST</sup> 9<sup>TH</sup> Barometrical readings were again highest over the Bay of Biscay, and lowest over Scandinavia, to which region the recovery of pressure noticed on the 8<sup>th</sup>, and still in progress over the United Kingdom, extended during the day. In the south of Ireland, however, the mercury was again falling. Moderate W<sup>ly</sup> winds prevailed in the south, and NW<sup>ly</sup> winds in the north-east of G<sup>re</sup> Britain, but in the south of Ireland the wind had backed very quickly. Temperature did not change much in the British Isles, but fell several degrees on the Continent, the weather remaining very cloudy and showery, with thunderstorms in several places.

AUG<sup>ST</sup> 10<sup>TH</sup> The centre of the depression, which appeared at the southern Irish stations yesterday, now lay over the north-west of our Islands: the barometer had consequently fallen briskly on our coasts but gradients were slight. The wind, after backing somewhat, had again veered to W. at our southern stations, while S<sup>ly</sup> breezes were felt in Holland, and E<sup>ly</sup> winds in the north of Scotland. Temperature rose somewhat at all but the north-western stations; but dull showery weather continued very general, with thunderstorms both in the north and south-east of the Country. At Aberdeen more than an inch and a quarter of rain fell. During the day the depression made but slow progress E<sup>ward</sup>, its centre passing right across the Highlands of Scotland.

AUG<sup>ST</sup> 11<sup>TH</sup> The centre of the disturbance noted on the 10<sup>th</sup> had reached the North Sea, but was very near the Aberdeen coast. Moderate to fresh W<sup>ly</sup> gales had been felt along our western shores in the night, and rather strong squally breezes from the same quarter in the south of England, while the E<sup>ly</sup> breezes in the north became strong at Southampton &c. The sky became clearer except in the north, though showers were very general during the day.

AUG<sup>ST</sup> 12<sup>TH</sup> The depression had moved a little further to the E<sup>ward</sup>, but still lay between the Scotch and Norwegian coasts. The wind fell lighter generally, without changing much in direction, though it still blew strongly at the mouth of the Tyne. Temperature again fell somewhat in the south, but the sky cleared very much in the south-east. By 2 pm. however, a



fresh fall of the mercury set in on our south-western coasts, and the wind backed to the SW<sup>ws</sup>, with a renewed fall of rain. In the evening the rainy weather reached the east of Ireland. Lightning occurred at Yarmouth and Nottingham.

AUG<sup>ST</sup> 13<sup>TH</sup> The disturbance of the last few days still lay between Scotland and Scandinavia, but was fast becoming "filled up". A new centre had, however, advanced over Ireland and St. George's Channel, causing a very general brisk fall of the barometer (except in the north), and fresh SW<sup>ws</sup> breezes on all the southern and south-eastern coasts. In the north of our Islands variable airs prevailed, while NE<sup>s</sup> breezes were still felt in the west of Norway. Temperature rose again over England and the Netherlands. The weather became very dull and wet generally. During the day the disturbance moved NE<sup>ws</sup> across the north of England, and the rainfall in the vicinity of Dublin exceeded two and a half inches\*, while more than an inch fell along the east coast of Scotland; thunder and lightning being experienced in both these regions.

AUG<sup>ST</sup> 14<sup>TH</sup> The centre of the depression was now off the north-east coast of England, where the mercury had fallen briskly, while in the south-west of our Islands it rose fast. Strong NW<sup>s</sup> breezes were felt along our western and south-western shores, while rather strong SW<sup>s</sup> winds were felt in the south-east, E<sup>s</sup> winds in the south of Norway, and NNE<sup>s</sup> in Scotland. Temperature changed little; but the weather improved somewhat, the change commencing in the south-west. The depression now took a more N<sup>s</sup> course. Thunder was heard at Shields.

AUG<sup>ST</sup> 15<sup>TH</sup> The centre of the disturbance now lay between the Shetlands and the Scandinavian coast, and a brisk recovery of pressure was going on over the United Kingdom, except at the most western and north-western of our stations. The winds were moderate in force and generally from the W<sup>ws</sup>, but while they drew round to NW in the west of France, they were SW<sup>s</sup> both on our north-west coasts, in the Netherlands and Denmark. Temperature fell somewhat; and the weather became dry in the south, though showers continued in the west and north.

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\* From Dr. J. W. Moore of Dublin we hear that between 8 pm 12<sup>th</sup> and 9 am 13<sup>th</sup> 0.100 in. of rain fell, chiefly with E<sup>s</sup> airs. "Thursday forenoon was fine but threatening \* \* \* the air damp, and the wind E<sup>s</sup>. At 2.30 pm rain began to fall heavily, and at 3 pm the barometer was 29.27 ins. with a N<sup>s</sup> wind. The rain now came down in torrents - At 4.30 pm thunder was heard. By 9 pm 2.124 ins. of rain had fallen (i.e. in 6 1/2 hours)". Altogether the total fall here attending the bourrasque was 2.58 ins.!

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



Sunday 8 a.m.

# WEATHER REPORT. AUGUST 16<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.73	-.26	61	59	+4	*	*	S	4	?	?	*	0	*	*
Hernösand ...	29.71	-.16	56	54	-4	*	*	SSW	2	4	SE	*	re	*	*
Stockholm ...	29.89	+.07	60	56	-2	*	*	SW	4	2	WNW	*	ob	*	*
Wisby ...	30.09	+.20	60	57	-7	*	*	W	2	2	N	*	cb	*	*
Christiansund ...	29.63	+.12	56	?	-5	*	*	W	6	2	W	*	c	*	?
Skudesnaes ...	29.76	+.25	59	57	+2	*	*	SSW	4	6	SSW	*	or	*	4
Oxö (X'tiansand) ...	29.86	+.20	59	57	0	*	*	SSW	6	4	SW	*	efo	*	4
Skagen (The Skaw) ...	29.95	+.28	58	57	-4	*	*	SW	4	4	W	*	o	0.08	*
Fanö ...	30.00	+.33	63	59	+1	*	*	SW	4	4	WSW	*	re	-	*
Cuxhaven ...															*
Sumburgh Head ...	29.62	+.18	54	52	+1	55	57	W	5	5	SSW	5	anc	0.05	4
Stornoway (Hebrides) ...	29.60	+.08	55	52	+6	58	45	SW	6	6	W	3	pb	0.13	6
Thurso ...	29.65	+.11	56	52	+5	59	45	SSW	2	4	WSW	3	cb	0.02	2
Wick ...	29.69	+.14	54	50	+3	59	45	WSW	2	3	W	5	oc	0.04	1
Nairn ...	29.77	+.16	56	57	+4	64	49	W	4	4	NW	2	cb	0.02	2
Aberdeen ...	29.77	+.17	58	53	+3	63	45	SW	3	4	SW	2	cb	-	1
Leith ...	29.83	+.12	57	54	+4	64	49	W	2	4	W	3	cb	0.06	*
Shields ...	29.89	+.13	57	54	+1	62	54	SW	1	6	WSW	8	o	0.02	2
York ...	29.95	+.07	59	59	+2	60	52	SW	1	3	SW	7	oc	0.17	*
Scarborough ...	29.91	+.11	62	60	+3	62	54	SW	3	3	SW	10	o	0.05	2
Nottingham ...	29.96	+.06	59	59	-1	65	58	SSW	4	5	SW	10	gr	0.12	*
Ardrossan ...	29.84	+.09	56	52	+4	62	51	W	4	5	WSW	7	pe	0.13	3
Greencastle ...	29.84	+.14	57	53	+4	59	52	SW	5	5	WNW	9	po	0.16	*
Donaghadee ...	29.87	+.10	55	53	+5	63	49	W	4	5	S	8	e	0.11	3
Kingstown ...	29.97	+.06	56	53	+1	64	53	W	4	4	WSW	8	o	0.08	2
Holyhead ...	29.94	+.03	57	54	+4	59	57	W	2	6	SW	5	re	0.25	2
Liverpool (Bidston Obs.) ...	29.95	-	58	57	-	59	54	W	1	6	SW	10	o	0.18	2
Valencia ...	30.03	+.03	57	55	0	60	51	W	3	4	WSW	7	re	0.02	3
Roche's Point ...	29.99	+.02	58	56	0	?	54	W	3	5	WNW	13	ob	0.16	2
Pembroke ...	30.01	+.01	59	59	+2	62	57	WSW	3	7	WSW	10	of	0.52	4
Portishead ...	30.04	+.04	58	57	-1	69	55	SSW	4	7	NW	10	cd	0.04	2
Scilly ...	30.09	-.01	62	60	+3	66	58	SW	5	5	WSW	9	co	-	5
Plymouth ...	30.10	+.03	59	58	+1	65	57	SW	4	4	SW	10	cg	-	*
Hurst Castle ...	30.12	+.09	64	59	+3	69	59	WSW	5	5	WSW	2	cb	-	4
Dover ...	30.13	+.14	61	57	-1	65	55	WSW	4	4	WSW	5	e	-	3
London ...	30.09	+.10	65	59	+5	68	52	SW	2	3	W	9	bc	-	*
Oxford ...	30.05	+.07	61	57	+4	67	56	SW	2	4	SW	10	om	-	*
Cambridge ...	30.06	+.10	61	57	+1	68	56	SW	2	2	WSW	10	co	-	*
Yarmouth ...	30.05	+.14	62	58	+4	66	56	SW	4	4	W	8	co	-	3
Helder ...															
Cape Gris Nez ...	30.11	+.12	60	56	+2	64	57	WSW	4	4	W	6	c	-	3
Brest ...	30.21	+.03	59	59	+1	67	56	SW	3	4	WSW	2	ob	-	3
L'Orient ...	?	?	55	55	-2	69	52	ESE	1	4	N	6	bc	-	2
Rochefort ...	30.25	+.06	58	54	-4	?	53	E	3	7	NW	0	b	-	3
Biarritz ...	30.18	-.04	59	57	-5	67	55	ESE	3	7	?	2	cg	-	4
Corunna ...	30.09	-	57	*	-	*	*	?	?	*	*	*	b	*	1
Brussels ...	30.21	+.22	59	*	0	*	*	W	3	*	*	*	b	*	*
Charleville ...	30.24	+.43	53	*	-3	*	*	SE	1	*	*	*	b	*	*
Paris ...	30.25	+.18	59	*	+2	69	50	SE	?	4	WNW	0	cb	-	*
Lyons ...	?	?	63	*	-1	*	*	N	3	*	*	*	b	*	*
Toulon ...	30.12	+.11	68	54	+9	72	54	NE	1	7	NW	1	b	-	4

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		
Skudesnaes ...	29.58	60	57	SSW	6	*	c	5	Valencia ...	29.94	59	58	WNW	4	9	2	3
Thurso ...	29.47	55	53	SSW	2	8	o	2	Scilly ...	30.14	65	59	WSW	5	5	c	4
Scarborough...	29.86	55	53	SW	3	10	o	2	London ...	30.06	65	56	WSW	2	9	co	*
Greencastle ...	29.74	59	57	WNW	5	10	d	*	Rochefort...	30.30	67	58	NW	3	0	b	3
Holyhead ...	29.89	56	55	SW	5	10	2	3									

The barometer has begun to rise again at Greencastle accompanied by a veering of the wind to WNW, while the fall of the mercury is apparently owing NE. The weather continues wet and unsettled in the W.

## EXPLANATION OF COLUMNS.

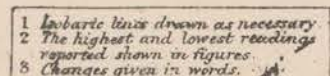
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

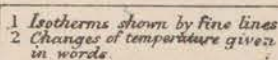
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



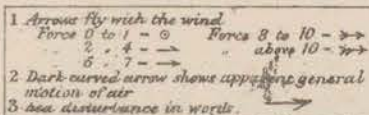
SUNDAY 16<sup>TH</sup> AUGUST 1874 AT 8 A.M.



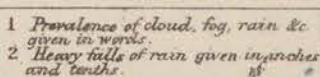
The recovery of pressure noticed in our Islands yesterday morning has continued and extended to the Norwegian stations also. The region of highest pressure now lies over Central France, and the gradient from Paris to Leth is 0.05 in. per 50 miles, while that from Leth to Tromsø is nearly 0.08 in. for the same distance.



Temperature has risen a little in most parts of the British Isles, but fallen a few degrees in the south of France.



The winds are W. or SW. in our Islands and generally light to moderate in force but rather fresh in the north west. Light E. breezes are blowing in the south of France. The sea is rough at Stornoway, rather so at Lillie, slight elsewhere.



Some rain has fallen at all but the northern stations. The sky is clear in Scotland and at most of the French stations, very cloudy elsewhere.

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Meteorological Office  
116, Victoria Str<sup>t</sup>, Westminster, S.W.  
ROBERT H. SCOTT, Director.

Dennerfield Lith London



Monday 8 a.m.

# WEATHER REPORT. August 17<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 8.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. — (0 to 12.)	Force. — (0 to 12.)	Dirac.				
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...						*	*					*		*	*
Oxö (X'tiansand)						*	*					*		*	*
Skagen (The Skaw)	29.91	-.04	60	60	+2	*	*	SSW	4	2	SW	*	2	0.04	*
Fanö ...	29.96	-.04	58	56	-5	*	*	WSW	2	2	SW	*	0.2	0.04	*
Cuxhaven ...															*
Sumburgh Head	29.588	-.04	57	49	-3	58	46	WNW	5	5	WSW	6	c/b	0.10	4
Stornoway (Hebrides)	29.822	+.22	53	52	-2	58	47	WNW	5	6	SW	6	p/g	0.39	5
Thurso ...	29.742	+.09	52	50	-4	63	48	WNW	3	5	W	6	p/c	0.08	3
Wick ...	29.772	+.08	53	50	-1	60	48	NW	4	4	NW	6	c	0.02	1
Nairn ...	29.852	+.08	55	50	-1	61	57	W	4	6	W	5	c	0.08	2
Aberdeen ...	29.832	+.06	57	50	-1	63	48	WNW	2	5	SW	1	c/b	—	1
Leith ...	29.982	+.10	57	53	0	67	57	W	5	5	WNW	2	b	—	*
Shields ...	30.002	+.11	56	52	-1	64	57	W	5	5	WSW	4	c	—	2
York ...	?	?	60	60	+1	65	47	N	2	2	S	3	b	—	*
Scarborough ...	30.052	+.14	60	56	-2	66	49	W	2	3	SW	3	c/b	—	2
Nottingham ...	30.102	+.14	59	55	0	71	46	WSW	4	6	SW	1	p/w	0.39	*
Ardrossan ...	30.022	+.18	57	53	+1	61	54	WNW	2	5	W	7	p	0.07	2
Greencastle ...	30.052	+.21	54	52	-3	59	57	WSW	2	6	W	9	c/o	0.10	*
Donaghadee ...	30.062	+.19	54	52	-1	63	49	W	5	5	N	7	c	0.05	3
Kingstown ...	30.162	+.19	54	50	-2	63	52	W	4	5	W	7	c/w	—	3
Holyhead ...	30.132	+.19	56	53	-1	64	54	WSW	2	3	SW	5	c/w	—	2
Liverpool (Bidston Obs.)	30.132	+.18	54	52	-4	63	53	WSW	4	5	WSW	7	c	0.01	3
Valencia ...	30.222	+.19	57	53	0	60	52	WNW	3	3	W	8	b/g	—	3
Roche's Point ...	30.222	+.23	57	55	-1	64	50	W	3	4	WNW	7	c/o	—	3
Pembroke ...	30.212	+.20	56	53	-3	60	55	W	2	5	W	14	v/c	0.02	2
Portishead ...	30.182	+.14	60	55	+2	65	50	W	3	5	WSW	4	d/w	0.14	1
Scilly ...	30.262	+.14	59	55	-3	63	55	NNW	4	5	SW	14	f/c	0.04	4
Plymouth ...	30.232	+.13	55	55	-4	63	47	NW	1	4	SW	0	g/f	0.06	*
Hurst Castle ...	30.202	+.08	60	56	-4	67	55	NNW	2	4	W	3	o/b	—	2
Dover ...	30.152	+.02	61	57	0	65	55	N	3	2	WSW	2	c/b	0.08	2
London ...	30.172	+.08	60	55	-5	70	49	W	1	3	SW	0	o/b	—	*
Oxford ...	30.172	+.12	55	52	-6	69	48	W	1	5	SW	1	c/b	—	*
Cambridge ...	30.162	+.10	57	53	-4	69	49	W	0	2	SW	0	o/b	0.02	*
Yarmouth ...	30.142	+.09	58	55	-4	76	53	NW	2	4	WSW	1	o/b	—	2
Helder ...	30.07	—	59	*	—	*	*	NW	3	*	*	*	*	*	?
Cape Gris Nez ...	30.142	+.03	64	62	+4	66	60	N	3	4	WSW	8	c/o	0.12	2
Brest ...	30.262	+.05	54	?	-5	67	?	NNE	4	4	NNE	10	0	—	3
L'Orient ...															
Rochefort ...	30.192	-.06	62	58	+4	66	55	NNE	4	5	NNW	0	b	—	3
Biarritz ...	30.182	.00	66	64	+7	81	59	SW	5	5	E	4	b/g	—	3
Corunna ...						*	*				*	*	*	*	*
Brussels ...	30.16	-.05	62	*	+3	*	*	W	3	*	*	*	b	*	*
Charleville ...	30.21	-.03	57	*	-2	*	*	SSE	1	*	*	*	c	*	*
Paris ...	30.192	-.06	59	*	-4	74	55	?	4	4	SW	10	b/o	—	*
Lyons ...	?	?	64	*	+1	*	*	N	1	*	*	*	b	*	*
Toulon ...	30.142	+.02	68	57	0	77	65	NW	3	1	S	1	b	—	3

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

Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.
Skudesnaes ...	29.86	59	54	SSE	6	*	Valencia ...						
Thurso ...							Scilly ...						
Scarborough ...							London ...						*
Greencastle ...						*	Rochefort ...	30.20	72	61	NW	3	0.6
Holyhead ...													

## EXPLANATION OF COLUMNS.

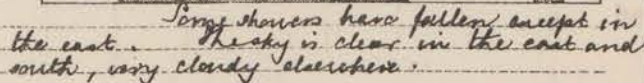
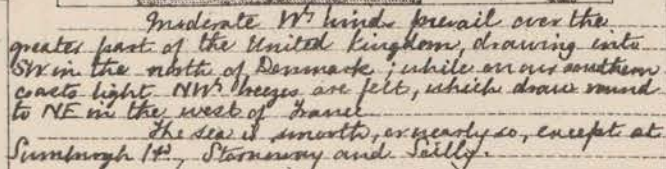
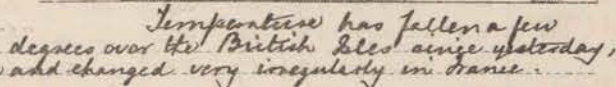
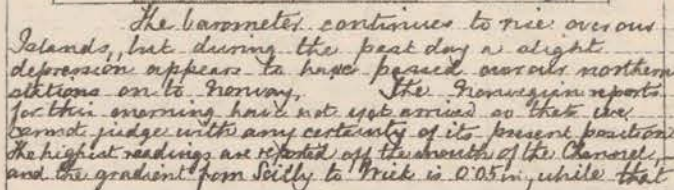
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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. wet, dew.

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



MONDAY 17<sup>TH</sup> AUGUST 1874 AT 8 A.M.



ROBERT H. SCOTT, Director.



Tues-day 8 a.m.

# WEATHER REPORT. AUGUST 18<sup>TH</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29.86	- .01	59	58	- 1	*	*	SW	4	6	SW	*	o r	*	*
Hernösand ...	29.88	+ .03	60	56	- 1	*	*	WSW	2	2	S	*	r b	*	*
Stockholm ...	30.00	.00	60	55	- 4	*	*	WSW	2	2	S	*	e	*	*
Wisby ...	30.13	- .05	62	59	- 1	*	*	W	2	4	S	*	o c	*	*
Christiansund ...	29.93	-	50	48	-	*	*	SW	4	2	W	*	o	*	5
Skudesnaes ...	30.06	+ .26	56	52	- 2	*	*	W	4	4	W	*	e	*	3
Oxö (X'tiansand) ...	30.06	+ .30	54	51	- 3	*	*	W	2	4	WSW	*	b	*	2
Skagen (The Skaw) ...	30.07	+ .16	58	54	- 2	*	*	NW	2	2	?	*	c b	0.08	*
Fanö ...	30.10	+ .14	66	57	+ 8	*	*	W	2	2	W	*	e	0.39	*
Cuxhaven ...															*
Sumburgh Head ...	29.98	+ .40	52	50	+ 1	58	43	S	3	6	WNW	10	e o	-	3
Stornoway (Hebrides) ...	29.87	+ .05	52	51	- 1	57	49	ESE	2	5	WNW	10	p d	0.08	5
Thurso ...	29.92	+ .18	54	51	+ 2	60	47	SSE	2	4	WNW	7	e	0.02	2
Wick ...	29.95	+ .18	54	51	+ 1	57	47	S	2	4	NW	5	e	0.12	1
Nairn ...	29.95	+ .10	53	51	- 2	62	50	Z	0	4	W	10	b d	0.03	0
Aberdeen ...	30.01	+ .18	53	52	- 4	64	48	S	1	4	WSW	10	e d	0.02	1
Leith ...	30.02	+ .09	54	53	- 3	63	50	E	1	5	WNW	10	b o	0.09	*
Shields ...	30.09	+ .09	55	54	- 1	63	53	SW	4	6	W	9	b d	0.06	2
York ...	?	?	54	54	- 6	64	49	S	1	3	W	10	o r	0.15	*
Scarborough ...	30.15	+ .10	55	54	- 5	64	51	SSW	2	2	W	10	e d	0.08	2
Nottingham ...	30.17	+ .07	56	55	- 3	69	49	SSW	4	4	WSW	10	e r	0.01	*
Ardrossan ...	30.61	- .01	60	58	+ 3	61	54	W	2	2	WNW	8	p o	0.54	3
Greencastle ...	30.07	+ .02	60	59	+ 6	60	54	WSW	3	4	WNW	10	o d	0.23	*
Donaghadee ...	30.07	+ .01	60	60	+ 6	63	52	W	6	6	W	8	e	0.06	4
Kingstown ...	30.17	+ .11	62	60	+ 8	64	57	W	5	4	W	9	o	0.05	4
Holyhead ...	30.17	+ .04	60	58	+ 4	64	55	WSW	3	2	SW	10	p o	0.01	3
Liverpool (Bidston Obs.) ...	30.13	.00	59	58	+ 5	61	53	WSW	3	4	W	10	e r	0.11	2
Valencia ...	30.32	+ .10	60	58	+ 3	63	50	W	3	3	W	9	o d	0.95	3
Roche's Point ...	30.27	+ .05	62	59	+ 5	63	50	WSW	2	4	WNW	6	o m c	-	3
Pembroke ...	30.27	+ .06	58	58	+ 2	60	55	W	3	4	W	10	e f	-	3
Portishead ...	30.28	+ .10	58	57	- 2	70	52	S	2	4	W	10	e o	-	2
Scilly ...	30.36	+ .10	60	59	+ 1	63	57	WSW	5	5	WSW	9	e o w	0.01	4
Plymouth ...	30.34	+ .11	60	58	+ 5	66	49	WNW	1	2	NW	10	e f	-	*
Hurst Castle ...	30.34	+ .14	62	57	+ 2	72	53	WNW	2	2	WNW	10	b o	-	2
Dover ...	30.29	+ .14	65	56	+ 4	66	54	WNW	1	3	WSW	0	b	-	1
London ...	30.30	+ .13	61	56	+ 1	70	48	WNW	1	2	W	10	e b o	-	*
Oxford ...	30.27	+ .10	58	56	+ 3	67	47	SW	1	2	WNW	10	e g	-	*
Cambridge ...	30.27	+ .11	59	54	+ 2	67	47	SW	1	1	NW	10	e o	-	*
Yarmouth ...	30.27	+ .13	59	55	+ 1	67	53	SW	1	2	WNW	8	b o	-	1
Helder ...	30.16	+ .09	61	*	+ 2	*	*	WNW	4	*	*	*	*	-	2
Cape Gris Nez ...	?	?	62	58	- 2	68	57	?	0	3	SW	1	c b	-	1
Brest ...	30.43	+ .17	56	54	+ 2	65	52	N	1	4	NNE	0	o b	-	2
L'Orient ...	?	?	54	52	-	68	49	NE	3	3	NW	0	c b	-	2
Roche fort ...	30.34	+ .15	59	55	- 3	?	56	NNE	5	8	NW	0	b	-	3
Biarritz ...	30.30	+ .12	66	62	0	71	63	NNE	4	4	NW	4	e	-	4
Corunna ...	30.21	-	67	*	-	*	*	N	1	*	*	*	b	-	2
Brussels ...	30.27	+ .11	55	*	- 7	*	*	NNE	3	*	*	*	b	-	*
Charleville ...	30.28	+ .07	54	*	+ 3	*	*	WSW	1	*	*	*	c	-	*
Paris ...	30.33	+ .14	57	*	- 2	71	53	NW	1	4	WNW	1	o f	-	*
Lyons ...	?	?	68	*	+ 4	*	*	N	1	*	*	*	b	-	*
Toulon ...	30.11	- .03	66	57	- 2	76	62	NW	4	5	NW	3	b e	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.89	59	?	WSW	6	*	e	6	Valencia ...	30.26	60	57	W	3	8	9	3
Thurso ...	29.88	57	53	NW	3	5	b	3	Scilly ...	30.29	62	57	WNW	4	5	e	4
Scarborough...	30.09	63	56	WNW	2	9	o	2	London ...	30.19	66	56	W	1	8	b e	*
Greencastle ...	30.10	59	54	WNW	3	9	o	*	Roche fort...	30.23	71	64	?W	7	0	b	3
Holyhead ...	30.20	61	56	SW	2	5	e	2									

*Pressure continues to increase generally, and the winds are falling light from the W.*

## EXPLANATION OF COLUMNS.

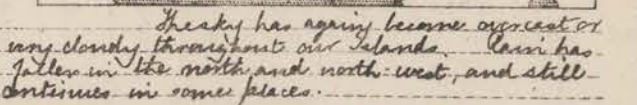
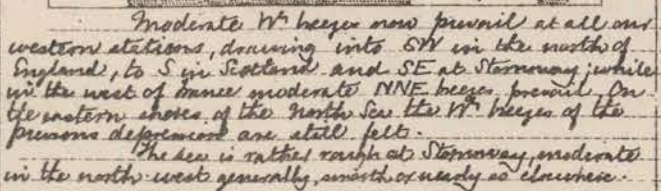
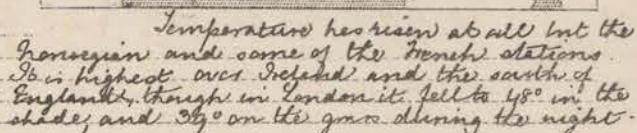
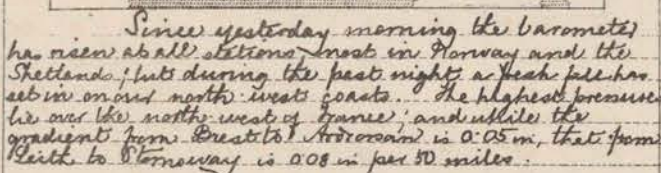
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N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



TUESDAY 18<sup>TH</sup> AUGUST 1874 AT 8 A.M.



Meteorological Office  
116, Victoria Str<sup>t</sup>, Westminster, S.W.  
ROBERT H. SCOTT, Director.



Wednesday 8 a.m.

# WEATHER REPORT. August. 19<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. — (0 to 12.)	Force. — (0 to 12.)	Dir.				
Haparanda ...	30.06	+20	52	47	-7	*	*	N	2	1	SW	*	cb	*	*
Hernösand ...	30.18	+20	55	49	-5	*	*	NNE	2	2	NW	*	b	*	*
Stockholm ...	30.16	+16	58	55	-2	*	*	WNW	2	2	WSW	*	cb	*	*
Wisby ...	30.29	+16	60	55	-2	*	*	N	2	2	N	*	b	*	*
Christiansund ...	29.99	+06	52	48	+2	*	*	ESE	4	2	W	*	co	*	3
Skudesnaes ...	30.20	+16	58	57	-3	*	*	S	6	2	WSW	*	cr	*	3
Oxö (X'tiansand)	30.22	+16	53	52	-1	*	*	NNW	2	4	SW	*	b	*	2
Skagen (The Skaw)	30.23	+16	59	57	+1	*	*	NW	2	2	NW	*	b	—	*
Fanö ...	30.29	+19	59	57	-7	*	*	SSW	4	2	W	*	bo	—	*
Cuxhaven ...	30.34	—	57	56	—	68	?	S	1	1	N	9	co	—	*
Sumburgh Head	29.99	+01	56	54	+4	59	50	W	7	5	S	10	o	0.11	6
Stornoway (Hebrides.)	30.04	+20	57	56	+5	61	?	WSW	16	6	W	8	du	0.03	5
Thurso ...	30.08	+16	59	55	+5	62	53	SW	1	3	SW	8	o	0.06	1
Wick ...	30.10	+15	58	54	+4	61	53	W	1	3	SW	10	o	0.05	0
Nairn ...	30.16	+21	60	55	+7	64	52	WSW	2	4	WSW	6	c	—	1
Aberdeen ...	30.19	+18	60	55	+7	64	54	WSW	2	2	WSW	6	c	—	2
Leith ...	30.35	+33	64	62	+13	70	53	NW	1	5	WSW	4	cb	—	*
Shields ...	30.30	+21	63	61	+8	67	55	W	3	5	W	2	b	—	1
York ...	30.40	?	63	61	+9	68	52	W	1	3	WSW	0	cb	0.03	*
Scarborough ...	30.34	+19	66	63	+11	70	55	SW	2	2	WSW	1	cb	—	2
Nottingham ...	30.32	+15	69	65	+13	72	55	S	2	4	WSW	1	gow	—	*
Ardrossan ...	30.30	+29	60	57	0	64	58	SW	2	2	W	6	c	—	2
Greencastle ...	30.29	+12	61	58	+1	65	56	Z	0	5	SW	9	go	—	*
Donaghadee ...	30.31	+24	62	60	+2	71	55	SSW	3	6	W	3	c	0.01	1
Kingstown ...	30.37	+20	59	56	-3	71	56	SSE	2	6	W	1	cb	—	1
Holyhead ...	30.35	+18	59	58	-1	67	56	WSW	2	3	SSE	10	wf	0.01	1
Liverpool (Bidston Obs.)	30.38	+25	68	62	+9	68	60	W	1	6	W	2	ob	0.04	0
Valencia ...	30.35	+03	64	60	+4	65	58	SSE	3	3	WSW	1	b	—	2
Roche's Point ...	30.40	+03	61	58	-1	70	53	SE	1	4	WSW	3	b	—	1
Pembroke ...	30.39	+12	58	57	0	64	56	SE	1	2	W	10	f	0.01	1
Portishead ...	30.40	+12	61	61	+3	69	55	Z	0	6	W	10	co	0.01	0
Scilly ...	30.37	+01	59	59	+3	66	56	ESE	3	5	WSW	10	f	0.02	4
Plymouth ...	30.38	+04	62	62	+2	68	54	ESE	1	2	SSE	7	daw	—	*
Hurst Castle ...	30.39	+05	63	61	+1	69	57	NE	1	5	W	11	b	—	0
Dover ...	30.39	+10	64	63	+2	67	62	NNE	1	3	WSW	3	cb	—	1
London ...	30.39	+09	64	64	+6	73	61	Z	0	3	WSW	10	bo	—	*
Oxford ...	30.36	+12	66	63	+6	74	58	Z	0	3	W	10	cw	—	*
Cambridge ...	30.40	+13	66	63	+7	72	54	Z	0	1	NW	10	po	0.01	*
Yarmouth ...	30.37	+12	65	64	+6	76	58	Z	0	3	WSW	10	ow	—	1
Helder ...	30.34	+18	63	*	+2	*	*	W	2	*	*	*	*	*	2
Cape Gris Nez ...	30.39	+10	63	61	+1	66	61	NE	3	4	WSW	9	ow	—	2
Brest ...	30.37	+06	58	58	+2	65	55	E	3	3	E	10	g	—	3
L'Orient ...	?	?	60	58	+6	71	59	ESE	3	4	W	9	bo	—	2
Rochefort ...	30.30	-04	62	55	+3	72	57	?	5	5	NNE	9	b	—	3
Biarritz ...	30.22	-08	61	59	-5	70	59	E	1	5	N	0	cg	—	3
Corunna ...			*	*		*	*				*	*	*	*	
Brussels ...	30.35	-02	62	*	+7	*	*	NW	?	*	*	*	o	*	*
Charleville ...	30.34	+06	62	*	+8	*	*	E	3	*	*	*	o	*	*
Paris ...	30.36	+03	61	*	+4	72	60	NNW	1	4	N	10	o	*	*
Lyons ...	?	?	66	*	-2	*	*	N	2	*	*	*	b	*	*
Toulon ...	30.05	-06	76	60	+10	87	66	E	3	4	NW	4	cb	—	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...					*			Valencia ...	30.36	63	58	WSW	3	3	b	3	
Thurso ...	29.88	61	57	SSE	2	8	0	2	Scilly ...	30.40	65	63	W	3	10	f	4
Scarborough...	30.14	68	65	WSW	2	7	c	2	London ...	30.29	64	61	WSW	2	10	c.o	*
Greencastle ...	30.17	64	62	SW	5	10	9	*	Rochefort...	30.34	75	51	?	?	0	b	3
Holyhead ...	30.27	65	63	WSW	3	7	on	3									

The fall of the barometer noticed in the NW this morning proved to be very slight, and is now passing away to the NE. The wind has shifted to the W at Stornoway and freshened. Temperature has risen very considerably at Rochefort, and in the E. of England since the morning.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

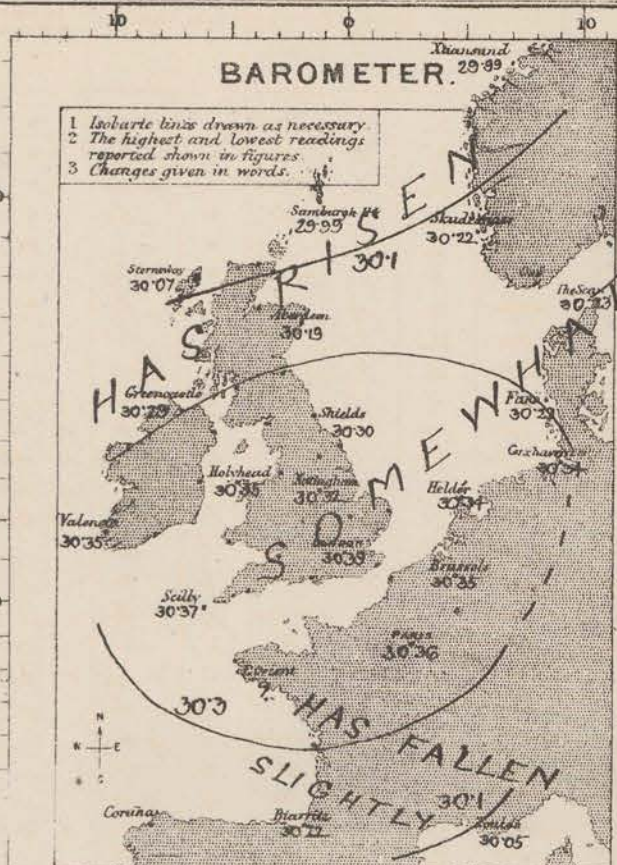
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



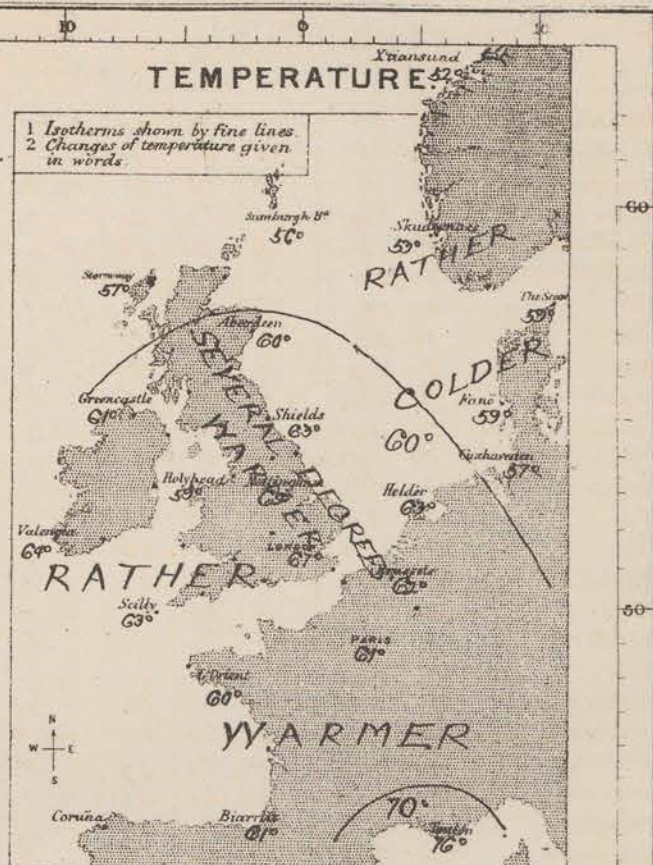
# WEATHER CHARTS

AND REMARKS FOR

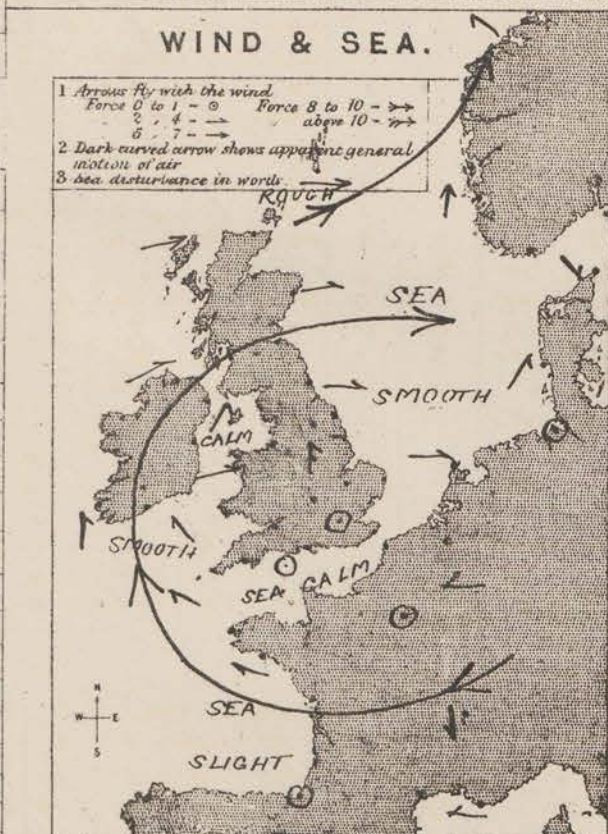
WEDNESDAY 19<sup>TH</sup> AUGUST 1874 AT 8 A.M.



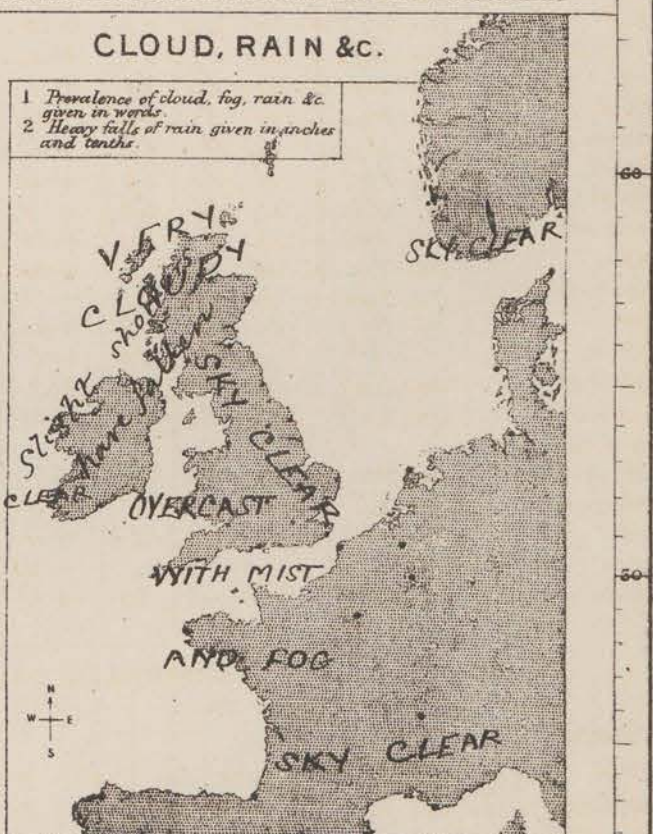
The barometer has again risen over the whole of the British Islands and the North Sea, but fallen a little in the south of France. Readings are very uniformly high over Ireland, England and the north of France, but the gradient from Leith to Sumburgh Head is 0.0 in per 50 miles.



Temperature has risen very generally over the United Kingdom and France, and is high over the east and centre of England.



Strong W. breeze now prevail in the Shetlands and fresh W. at Monrovia, while light breezes from the same quarter are felt in Scotland. In the west of France E. winds are reported, and between these two currents calms and variable ones prevail. The sea continues rough in the extreme north, but is smooth elsewhere.



Slight showers have fallen at several of the western and northern stations. The sky is now much clearer than of late, though overcast or foggy at a few stations.

Subscription for these Charts payable in advance to cover delivery.  
Delivery by hand 10/- per quarter.  
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Meteorological Office  
116, Victoria Str., Westminster, S.W.  
ROBERT H. SCOTT, Director.

Longerfield, Lith. London.



Thursday 8 a.m.

# WEATHER REPORT. AUGUST. 20<sup>TH</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance.— 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29.72	-34	54	?	+2	*	*	S	8	2	SW	*	er	*	*
Hernösand ...	29.93	-25	57	48	+2	*	*	WNW	2	2	SSW	*	b	*	*
Stockholm ...	30.06	-10	60	59	+5	*	*	SW	4	4	SW	*	bo	*	*
Wisby ...	30.30	+01	62	59	+2	*	*	W	4	2	SW	*	be	*	*
Christiansund ...	30.08	+09	57	48	-1	*	*	WSW	10	2	WSW	*	or	*	?
Skudesnaes ...	30.30	+10	56	51	-2	*	*	W	6	6	S	*	re	*	3
Oxö (X'tiansand)	30.24	+02	60	58	+7	*	*	SSW	4	4	SSW	*	fb	*	2
Skagen (The Skaw)	30.23	00	62	61	+3	*	*	W	4	2	SW	*	eb	-	*
Fanö ...	30.34	+05	68	64	+9	*	*	SW	2	2	W	*	b	-	*
Cuxhaven ...	30.41	+07	56	55	-1	72	?	SW	1	1	NE	3	e	-	*
Sumburgh Head	30.30	+31	53	51	-3	56	44	WNW	5	7	W	5	e	0.02	4
Stornoway (Hebrides)	30.41	+34	54	52	-3	62	45	W	1	7	WSW	5	pe	0.06	1
Thurso ...	30.38	+30	54	52	-5	63	47	WSW	1	4	W	8	o	0.02	2
Wick ...	30.40	+30	52	50	-6	63	49	Z	0	3	W	6	e	0.02	0
Nairn ...	30.43	+27	54	52	-6	67	53	E	1	2	WSW	8	edo	0.03	1
Aberdeen ...	30.43	+24	55	53	-5	73	54	ENE	1	4	WSW	10	co	0.04	1
Leith ...	30.41	+06	62	62	-5	73	59	NNE	1	3	W	10	er	-	*
Shields ...	30.40	+10	65	62	+2	73	59	Z	0	3	WSW	5	be	-	2
York ...	30.43	+03	64	61	+1	80	62	WNW	1	1	W	2	b	-	*
Scarborough ...	30.41	+07	64	61	-2	71	59	NNW	1	2	SE	8	bo	-	1
Nottingham ...	30.42	+10	65	62	-1	82	57	S	1	5	WSW	0	bf	-	*
Ardrossan ...	30.41	+11	60	59	0	71	59	NW	1	2	SSW	8	eb	0.07	0
Greencastle ...	30.43	+14	60	59	-1	68	59	ESE	1	3	NW	10	og	0.02	*
Donaghadee ...	30.42	+11	59	58	-3	72	57	NNE	3	4	W	10	eb	-	2
Kingstown ...	30.43	+06	610	58	+1	68	59	N	1	4	SSE	5	ew	-	1
Holyhead ...	30.40	+05	62	58	+3	68	56	WSW	1	3	SW	2	b	-	0
Liverpool (Bidston Obs.)	30.41	+08	70	64	+2	71	58	NNE	1	2	NW	7	bw	-	0
Valencia ...	30.39	+04	64	57	0	70	56	N	2	3	SSW	12	b	-	1
Roche's Point ...	30.38	-02	59	56	-2	74	55	NNE	2	2	SE	3	bow	-	2
Pembroke ...	30.39	00	63	61	+5	70	58	E	2	2	N	3	ef	-	1
Portishead ...	30.40	00	63	61	+2	72	55	Z	0	1	W	0	sw	-	0
Scilly ...	30.33	-04	63	61	+4	66	58	E	5	5	E	0	fb	-	3
Plymouth ...	30.36	-02	66	64	+4	72	59	E	2	2	E	0	b	-	*
Hurst Castle ...	30.40	+01	65	62	+2	76	57	ENE	1	2	S	0	b	-	0
Dover ...	30.40	+01	68	63	+1	77	62	ENE	1	3	EE	0	b	-	1
London ...	30.42	+03	65	62	-2	81	54	ENE	1	1	E	0	qfb	-	*
Oxford ...	30.41	+02	62	60	-4	74	51	Z	0	1	W	0	ef	-	*
Cambridge ...	30.43	+03	63	61	-3	77	52	Z	0	1	NW	0	b	-	*
Yarmouth ...	30.45	+08	63	62	-2	70	56	Z	0	1	E	0	mb	-	0
Helder ...	30.42	+08	64	*	+1	*	*	ENE	1	*	*	*	*	-	2
Cape Gris Nez ...	30.39	00	62	60	-1	72	58	NE	1	3	NE	0	fb	-	1
Brest ...	30.29	-08	63	58	+5	78	57	E	3	5	ENE	0	fb	-	2
L'Orient ...	30.24	?	62	60	+2	87	60	ENE	4	5	NE	0	b	-	2
Rochefort ...	30.17	-13	61	54	-1	?	58	ENE	5	5	ENE	0	b	-	3
Biarritz ...	30.03	-19	63	61	+2	75	59	Z	0	4	W	2	bf	-	3
Corunna ...	?	?	*	*	*	*	*	*	*	*	*	*	*	-	*
Brussels ...	30.39	+04	59	*	-3	*	*	ENE	3	*	*	*	b	-	*
Charleville ...	30.35	+01	62	*	0	*	*	ENE	1	*	*	*	b	-	*
Paris ...	30.32	-04	60	*	-1	75	58	NE	4	5	E	0	b	-	*
Lyons ...	?	?	64	*	-2	*	*	N	3	*	*	*	b	-	*
Toulon ...	30.01	-04	76	60	0	87	66	E	3	4	NW	4	eb	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	30.21	62	60	S	6	*	f	4	Valencia ...	30.32	69	63	SSW	3	2	b	3
Thurso ...	30.10	62	59	W	3	8	0	2	Scilly ...	30.33	64	62	ESE	4	10	f	4
Scarborough...	30.32	66	63	SE	2	0	b	2	London ...	30.27	72	66	Z	0	10	og	*
Greencastle ...	30.29	68	64	SW	2	9	0	*	Rochefort...	30.21	84	66	?	4	0	b	3
Holyhead ...	30.36	66	63	SW	3	3	b	2									

The decrease of pressure in France has continued and extended to our S. and SW. coasts. In the N. no important change has occurred. The weather in London has been very gloomy and "close" all the morning.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. ngly, threatening; v. visibility, unusual transparency; w. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



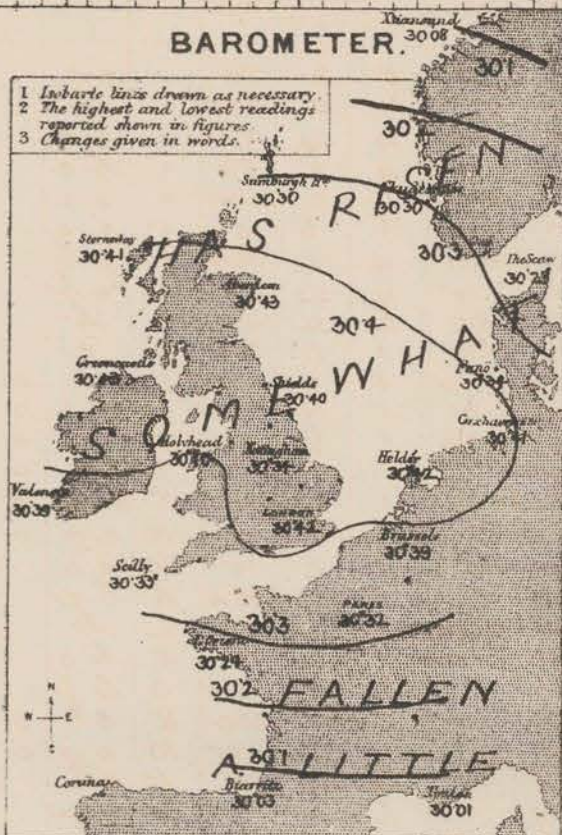
# WEATHER CHARTS

AND REMARKS FOR

THURSDAY 20<sup>TH</sup> AUGUST 1874 AT 8 A.M.

## BAROMETER.

- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The barometer has continued to rise over nearly the whole of the British Isles and the north-west coast of the north, while the fall noticed in France yesterday has extended to the south-west of England. An area of high pressure lies over the United Kingdom and the north sea; the gradient from Exeter to Christchurch being 0.040 in. per 50 miles for W. winds, while that from Hurst Castle to Biarritz is 0.035 in. for E. winds.

## TEMPERATURE.

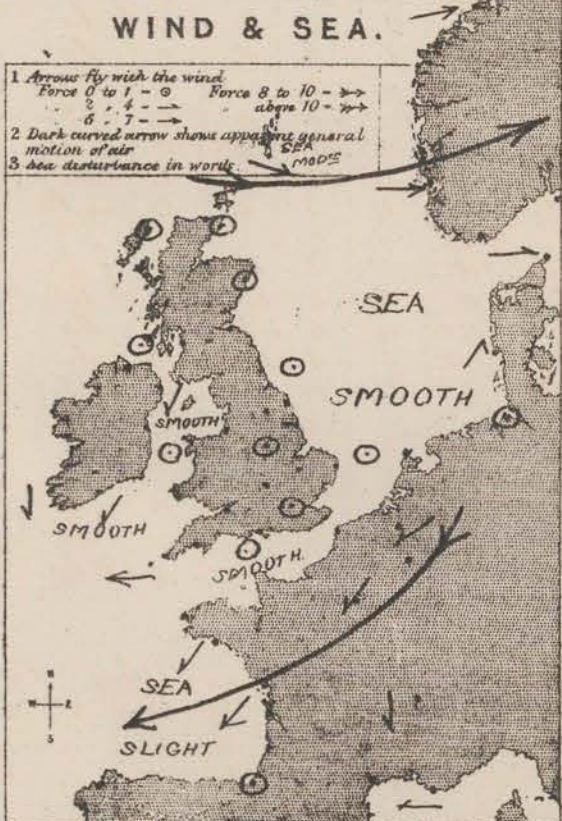
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen several degrees in the north of Scotland and to a less extent over Central England; elsewhere it has changed little. At York, Nottingham, and in London it rose to between 80° and 82° in the shade yesterday.

## WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 0 Force 8 to 10 - 8 Force 11 to 12 - 11 Force 13 to 15 - 13 Force 16 to 18 - 16 Force 19 to 21 - 19 Force 22 to 24 - 22 Force 25 to 27 - 25 Force 28 to 30 - 28 Force 31 to 33 - 31 Force 34 to 36 - 34 Force 37 to 39 - 37 Force 40 to 42 - 40 Force 43 to 45 - 43 Force 46 to 48 - 46 Force 49 to 51 - 49 Force 52 to 54 - 52 Force 55 to 57 - 55 Force 58 to 60 - 58 Force 61 to 63 - 61 Force 64 to 66 - 64 Force 67 to 69 - 67 Force 70 to 72 - 70 Force 73 to 75 - 73 Force 76 to 78 - 76 Force 79 to 81 - 79 Force 82 to 84 - 82 Force 85 to 87 - 85 Force 88 to 90 - 88 Force 91 to 93 - 91 Force 94 to 96 - 94 Force 97 to 99 - 97 Force 100 to 102 - 100 Force 103 to 105 - 103 Force 106 to 108 - 106 Force 109 to 111 - 109 Force 112 to 114 - 112 Force 115 to 117 - 115 Force 118 to 120 - 118 Force 121 to 123 - 121 Force 124 to 126 - 124 Force 127 to 129 - 127 Force 130 to 132 - 130 Force 133 to 135 - 133 Force 136 to 138 - 136 Force 139 to 141 - 139 Force 142 to 144 - 142 Force 145 to 147 - 145 Force 148 to 150 - 148 Force 151 to 153 - 151 Force 154 to 156 - 154 Force 157 to 159 - 157 Force 160 to 162 - 160 Force 163 to 165 - 163 Force 166 to 168 - 166 Force 169 to 171 - 169 Force 172 to 174 - 172 Force 175 to 177 - 175 Force 178 to 180 - 178 Force 181 to 183 - 181 Force 184 to 186 - 184 Force 187 to 189 - 187 Force 190 to 192 - 190 Force 193 to 195 - 193 Force 196 to 198 - 196 Force 199 to 201 - 199 Force 202 to 204 - 202 Force 205 to 207 - 205 Force 208 to 210 - 208 Force 211 to 213 - 211 Force 214 to 216 - 214 Force 217 to 219 - 217 Force 220 to 222 - 220 Force 223 to 225 - 223 Force 226 to 228 - 226 Force 229 to 231 - 229 Force 232 to 234 - 232 Force 235 to 237 - 235 Force 238 to 240 - 238 Force 241 to 243 - 241 Force 244 to 246 - 244 Force 247 to 249 - 247 Force 250 to 252 - 250 Force 253 to 255 - 253 Force 256 to 258 - 256 Force 259 to 261 - 259 Force 262 to 264 - 262 Force 265 to 267 - 265 Force 268 to 270 - 268 Force 271 to 273 - 271 Force 274 to 276 - 274 Force 277 to 279 - 277 Force 280 to 282 - 280 Force 283 to 285 - 283 Force 286 to 288 - 286 Force 289 to 291 - 289 Force 292 to 294 - 292 Force 295 to 297 - 295 Force 298 to 300 - 298 Force 301 to 303 - 301 Force 304 to 306 - 304 Force 307 to 309 - 307 Force 310 to 312 - 310 Force 313 to 315 - 313 Force 316 to 318 - 316 Force 319 to 321 - 319 Force 322 to 324 - 322 Force 325 to 327 - 325 Force 328 to 330 - 328 Force 331 to 333 - 331 Force 334 to 336 - 334 Force 337 to 339 - 337 Force 340 to 342 - 340 Force 343 to 345 - 343 Force 346 to 348 - 346 Force 349 to 351 - 349 Force 352 to 354 - 352 Force 355 to 357 - 355 Force 358 to 360 - 358 Force 361 to 363 - 361 Force 364 to 366 - 364 Force 367 to 369 - 367 Force 370 to 372 - 370 Force 373 to 375 - 373 Force 376 to 378 - 376 Force 379 to 381 - 379 Force 382 to 384 - 382 Force 385 to 387 - 385 Force 388 to 390 - 388 Force 391 to 393 - 391 Force 394 to 396 - 394 Force 397 to 399 - 397 Force 400 to 402 - 400 Force 403 to 405 - 403 Force 406 to 408 - 406 Force 409 to 411 - 409 Force 412 to 414 - 412 Force 415 to 417 - 415 Force 418 to 420 - 418 Force 421 to 423 - 421 Force 424 to 426 - 424 Force 427 to 429 - 427 Force 430 to 432 - 430 Force 433 to 435 - 433 Force 436 to 438 - 436 Force 439 to 441 - 439 Force 442 to 444 - 442 Force 445 to 447 - 445 Force 448 to 450 - 448 Force 451 to 453 - 451 Force 454 to 456 - 454 Force 457 to 459 - 457 Force 460 to 462 - 460 Force 463 to 465 - 463 Force 466 to 468 - 466 Force 469 to 471 - 469 Force 472 to 474 - 472 Force 475 to 477 - 475 Force 478 to 480 - 478 Force 481 to 483 - 481 Force 484 to 486 - 484 Force 487 to 489 - 487 Force 490 to 492 - 490 Force 493 to 495 - 493 Force 496 to 498 - 496 Force 499 to 501 - 499 Force 502 to 504 - 502 Force 505 to 507 - 505 Force 508 to 510 - 508 Force 511 to 513 - 511 Force 514 to 516 - 514 Force 517 to 519 - 517 Force 520 to 522 - 520 Force 523 to 525 - 523 Force 526 to 528 - 526 Force 529 to 531 - 529 Force 532 to 534 - 532 Force 535 to 537 - 535 Force 538 to 540 - 538 Force 541 to 543 - 541 Force 544 to 546 - 544 Force 547 to 549 - 547 Force 550 to 552 - 550 Force 553 to 555 - 553 Force 556 to 558 - 556 Force 559 to 561 - 559 Force 562 to 564 - 562 Force 565 to 567 - 565 Force 568 to 570 - 568 Force 571 to 573 - 571 Force 574 to 576 - 574 Force 577 to 579 - 577 Force 580 to 582 - 580 Force 583 to 585 - 583 Force 586 to 588 - 586 Force 589 to 591 - 589 Force 592 to 594 - 592 Force 595 to 597 - 595 Force 598 to 600 - 598 Force 601 to 603 - 601 Force 604 to 606 - 604 Force 607 to 609 - 607 Force 610 to 612 - 610 Force 613 to 615 - 613 Force 616 to 618 - 616 Force 619 to 621 - 619 Force 622 to 624 - 622 Force 625 to 627 - 625 Force 628 to 630 - 628 Force 631 to 633 - 631 Force 634 to 636 - 634 Force 637 to 639 - 637 Force 640 to 642 - 640 Force 643 to 645 - 643 Force 646 to 648 - 646 Force 649 to 651 - 649 Force 652 to 654 - 652 Force 655 to 657 - 655 Force 658 to 660 - 658 Force 661 to 663 - 661 Force 664 to 666 - 664 Force 667 to 669 - 667 Force 670 to 672 - 670 Force 673 to 675 - 673 Force 676 to 678 - 676 Force 679 to 681 - 679 Force 682 to 684 - 682 Force 685 to 687 - 685 Force 688 to 690 - 688 Force 691 to 693 - 691 Force 694 to 696 - 694 Force 697 to 699 - 697 Force 700 to 702 - 700 Force 703 to 705 - 703 Force 706 to 708 - 706 Force 709 to 711 - 709 Force 712 to 714 - 712 Force 715 to 717 - 715 Force 718 to 720 - 718 Force 721 to 723 - 721 Force 724 to 726 - 724 Force 727 to 729 - 727 Force 730 to 732 - 730 Force 733 to 735 - 733 Force 736 to 738 - 736 Force 739 to 741 - 739 Force 742 to 744 - 742 Force 745 to 747 - 745 Force 748 to 750 - 748 Force 751 to 753 - 751 Force 754 to 756 - 754 Force 757 to 759 - 757 Force 760 to 762 - 760 Force 763 to 765 - 763 Force 766 to 768 - 766 Force 769 to 771 - 769 Force 772 to 774 - 772 Force 775 to 777 - 775 Force 778 to 780 - 778 Force 781 to 783 - 781 Force 784 to 786 - 784 Force 787 to 789 - 787 Force 790 to 792 - 790 Force 793 to 795 - 793 Force 796 to 798 - 796 Force 799 to 801 - 799 Force 802 to 804 - 802 Force 805 to 807 - 805 Force 808 to 810 - 808 Force 811 to 813 - 811 Force 814 to 816 - 814 Force 817 to 819 - 817 Force 820 to 822 - 820 Force 823 to 825 - 823 Force 826 to 828 - 826 Force 829 to 831 - 829 Force 832 to 834 - 832 Force 835 to 837 - 835 Force 838 to 840 - 838 Force 841 to 843 - 841 Force 844 to 846 - 844 Force 847 to 849 - 847 Force 850 to 852 - 850 Force 853 to 855 - 853 Force 856 to 858 - 856 Force 859 to 861 - 859 Force 862 to 864 - 862 Force 865 to 867 - 865 Force 868 to 870 - 868 Force 871 to 873 - 871 Force 874 to 876 - 874 Force 877 to 879 - 877 Force 880 to 882 - 880 Force 883 to 885 - 883 Force 886 to 888 - 886 Force 889 to 891 - 889 Force 892 to 894 - 892 Force 895 to 897 - 895 Force 898 to 900 - 898 Force 901 to 903 - 901 Force 904 to 906 - 904 Force 907 to 909 - 907 Force 910 to 912 - 910 Force 913 to 915 - 913 Force 916 to 918 - 916 Force 919 to 921 - 919 Force 922 to 924 - 922 Force 925 to 927 - 925 Force 928 to 930 - 928 Force 931 to 933 - 931 Force 934 to 936 - 934 Force 937 to 939 - 937 Force 940 to 942 - 940 Force 943 to 945 - 943 Force 946 to 948 - 946 Force 949 to 951 - 949 Force 952 to 954 - 952 Force 955 to 957 - 955 Force 958 to 960 - 958 Force 961 to 963 - 961 Force 964 to 966 - 964 Force 967 to 969 - 967 Force 970 to 972 - 970 Force 973 to 975 - 973 Force 976 to 978 - 976 Force 979 to 981 - 979 Force 982 to 984 - 982 Force 985 to 987 - 985 Force 988 to 990 - 988 Force 991 to 993 - 991 Force 994 to 996 - 994 Force 997 to 999 - 997 Force 1000 to 1002 - 1000 Force 1003 to 1005 - 1003 Force 1006 to 1008 - 1006 Force 1009 to 1011 - 1009 Force 1012 to 1014 - 1012 Force 1015 to 1017 - 1015 Force 1018 to 1020 - 1018 Force 1021 to 1023 - 1021 Force 1024 to 1026 - 1024 Force 1027 to 1029 - 1027 Force 1030 to 1032 - 1030 Force 1033 to 1035 - 1033 Force 1036 to 1038 - 1036 Force 1039 to 1041 - 1039 Force 1042 to 1044 - 1042 Force 1045 to 1047 - 1045 Force 1048 to 1050 - 1048 Force 1051 to 1053 - 1051 Force 1054 to 1056 - 1054 Force 1057 to 1059 - 1057 Force 1060 to 1062 - 1060 Force 1063 to 1065 - 1063 Force 1066 to 1068 - 1066 Force 1069 to 1071 - 1069 Force 1072 to 1074 - 1072 Force 1075 to 1077 - 1075 Force 1078 to 1080 - 1078 Force 1081 to 1083 - 1081 Force 1084 to 1086 - 1084 Force 1087 to 1089 - 1087 Force 1090 to 1092 - 1090 Force 1093 to 1095 - 1093 Force 1096 to 1098 - 1096 Force 1099 to 1101 - 1099 Force 1102 to 1104 - 1102 Force 1105 to 1107 - 1105 Force 1108 to 1110 - 1108 Force 1111 to 1113 - 1111 Force 1114 to 1116 - 1114 Force 1117 to 1119 - 1117 Force 1120 to 1122 - 1120 Force 1123 to 1125 - 1123 Force 1126 to 1128 - 1126 Force 1129 to 1131 - 1129 Force 1132 to 1134 - 1132 Force 1135 to 1137 - 1135 Force 1138 to 1140 - 1138 Force 1141 to 1143 - 1141 Force 1144 to 1146 - 1144 Force 1147 to 1149 - 1147 Force 1150 to 1152 - 1150 Force 1153 to 1155 - 1153 Force 1156 to 1158 - 1156 Force 1159 to 1161 - 1159 Force 1162 to 1164 - 1162 Force 1165 to 1167 - 1165 Force 1168 to 1170 - 1168 Force 1171 to 1173 - 1171 Force 1174 to 1176 - 1174 Force 1177 to 1179 - 1177 Force 1180 to 1182 - 1180 Force 1183 to 1185 - 1183 Force 1186 to 1188 - 1186 Force 1189 to 1191 - 1189 Force 1192 to 1194 - 1192 Force 1195 to 1197 - 1195 Force 1198 to 1199 - 1198



Moderate NE. breeze still prevail at the French stations, and have extended as a very light wind to the south of England, while W. air is felt in the north of Scotland and strong W. breezes still further N.W. Over the greater part of our island calm and variable air prevail. There is very smooth on our coasts.

## CLOUD, RAIN &c.

- 1 Prevalence of cloud, fog, rain &c. given in words.
- 2 Heavy falls of rain given in inches and tenths.



Night showers have fallen in the northern part of Ireland and Scotland, where too, the sky continues very cloudy. At all the more southern stations the weather is clear and fine.

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

Meteorological Office  
116, Victoria Str<sup>t</sup>. Westminster, S.W.  
ROBERT H. SCOTT, Director.

Dangerfield Lith. London.



Wed. day 8 a.m.

# WEATHER REPORT. AUGUST 21<sup>st</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29.78	+ .06	50	46	- 4	*	*	NW	4	4	SW	*	bc	*	*
Hernösand ...	30.13	+ .20	57	44	- 6	*	*	WNW	6	4	WNW	*	b	*	*
Stockholm ...	30.22	+ .16	53	45	- 10	*	*	N	4	4	ENE	*	b	*	*
Wisby ...	30.26	- .04	60	55	- 2	*	*	NE	6	4	NW	*	b	*	*
Christiansund ...	30.21	+ .13	50	46	- 1	*	*	SW	7	6	W	*	br	*	6
Skudesnaes ...	30.45	+ .15	54	46	- 2	*	*	NNW	4	6	NNW	*	b	*	2
Oxö (X'tiansand) ...	30.37	+ .13	55	49	- 5	*	*	N	4	4	NW	*	b	*	2
Skagen (The Skaw) ...	30.33	+ .10	58	55	- 4	*	*	NE	4	2	NW	*	b	*	*
Fanö ...	30.36	+ .02	60	55	- 8	*	*	N	4	4	NW	*	cb	*	*
Cuxhaven ...	30.35	- .06	61	56	+ 5	69	?	NNE	4	3	NNW	2	e	*	*
Sumburgh Head ...	30.41	+ .11	53	51	0	?	45	WNW	4	3	WNW	5	e	*	2
Stornoway (Hebrides) ...	30.49	+ .08	54	52	0	61	43	Z	0	1	SE	0	b	*	1
Thurso ...	30.48	+ .10	55	52	+ 1	60	43	Z	0	2	NNW	2	sw	*	1
Wick ...	30.50	+ .10	53	52	+ 3	60	45	SW	1	2	NNW	3	cb	*	0
Nairn ...	30.57	+ .08	56	53	+ 2	64	46	NE	1	1	E	1	b	*	0
Aberdeen ...	30.52	+ .09	58	54	+ 3	60	47	SSW	2	2	SSW	0	cb	*	0
Leith ...	30.56	+ .15	56	55	- 6	65	54	NNE	1	2	N	8	oe	0.01	*
Shields ...	30.56	+ .16	59	54	- 6	69	55	N	2	3	E	6	mc	*	2
York ...	30.57	+ .14	59	57	- 5	79	56	N	1	2	NW	7	c	*	*
Scarborough ...	30.55	+ .14	59	56	- 5	68	55	E	1	2	NE	7	c	*	1
Nottingham ...	30.48	+ .06	61	58	- 4	86	59	N	3	4	N	10	sw	*	*
Ardrossan ...	30.57	+ .10	59	56	- 1	69	54	?	2	4	?	8	sw	*	1
Greencastle ...	30.57	+ .08	60	58	0	66	56	Z	0	2	E	10	g	*	*
Donaghadee ...	30.52	+ .10	60	58	+ 1	68	57	NNW	3	4	NNW	10	co	*	2
Kingstown ...	30.52	+ .09	60	59	0	67	59	ENE	2	3	ESE	10	bg	*	2
Holyhead ...	30.44	+ .04	64	62	+ 2	68	60	NW	1	2	NW	0	bb	*	0
Liverpool (Bidston Obs.) ...	30.50	+ .09	61	58	- 9	73	59	E	2	3	ENE	10	bew	*	0
Valencia ...	30.42	+ .03	64	55	0	71	58	NNW	2	3	NNW	0	b	*	0
Roche's Point ...	30.39	+ .01	65	62	+ 6	77	59	ESE	4	4	ESE	3	b	*	3
Pembroke ...	30.45	+ .06	65	62	+ 2	73	61	ESE	3	3	N	3	sw	*	1
Portishead ...	30.47	+ .07	62	60	- 1	76	59	NE	3	2	E	10	mo	*	1
Scilly ...	30.38	+ .05	63	60	0	71	60	ENE	4	5	E	0	bew	*	3
Plymouth ...	30.41	+ .05	67	62	+ 1	75	59	E	2	4	E	0	b	*	*
Hurst Castle ...	30.45	+ .05	61	60	- 4	74	59	E	3	3	E	10	bo	*	0
Dover ...	30.45	+ .05	63	60	- 5	71	61	NE	3	3	NE	6	bc	*	3
London ...	30.47	+ .05	64	60	- 1	87	56	NE	2	2	E	10	cb	*	*
Oxford ...	30.50	+ .09	61	59	- 1	80	58	ENE	1	1	ENE	10	cg	*	*
Cambridge ...	30.50	+ .07	61	57	- 2	82	58	ENE	1	1	NE	10	bo	*	*
Yarmouth ...	30.57	+ .06	60	56	- 3	70	59	ENE	3	4	SSE	5	bc	*	3
Helder ...	30.44	+ .02	60	*	- 4	*	*	NNE	6	*	*	*	*	*	2
Cape Gris Nez ...	30.41	+ .02	62	60	0	71	60	ENE	4	3	NE	10	sw	*	2
Brest ...	30.32	+ .03	63	61	0	83	60	E	3	7	ENE	0	b	*	2
L'Orient ...	30.25	+ .01	63	58	+ 1	80	59	E	4	15	ENE	0	b	*	2
Rochefort ...	30.22	+ .05	65	58	+ 4	?	59	E	5	7	E	0	b	*	3
Biarritz ...	30.10	+ .07	65	61	+ 2	74	64	SE	3	6	NW	0	f	*	3
Corunna ...														*	*
Brussels ...	30.37	- .02	64	*	+ 5	*	*	ENE	6	*	*	*	o	*	*
Charleville ...	30.35	00	59	*	- 3	*	*	SE	1	*	*	*	c	*	*
Paris ...	30.34	+ .02	61	*	+ 1	76	59	N	4	7	N	0	b	*	*
Lyons ...	?	?	66	*	+ 2	*	*	NNW	3	*	*	*	b	*	*
Toulon ...	30.07	+ .06	73	60	- 6	80	64	E	3	3	E	2	b	*	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	30.35	58	52	WNW	6	*	c	3	Valencia ...	30.50	70	61	msw	3	2	b	2
Thurso ...	30.45	57	53	NNW	2	4	c	2	Scilly ...	30.35	69	65	E	5	0	b	4
Scarborough...	30.42	65	61	NNE	1	6	e	1	London ...	30.37	74	65	E	2	0	b	*
Greencastle ...	30.46	63	60	N	1	10	g	*	Rochefort...	30.11	84	62	E	7	0	b	3
Holyhead ...	30.42	66	63	SW	2	1	b	1									

Pressure continues to increase except in London, and Rochefort, where it has decreased slightly. The wind though very light has shifted to the NW at Greencastle and Harve.

## EXPLANATION OF COLUMNS.

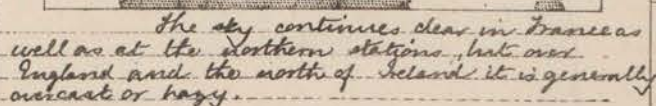
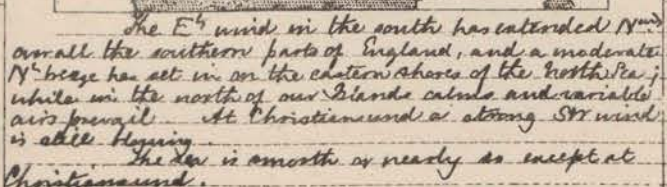
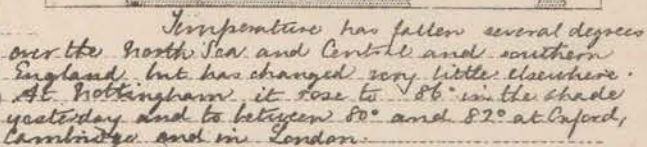
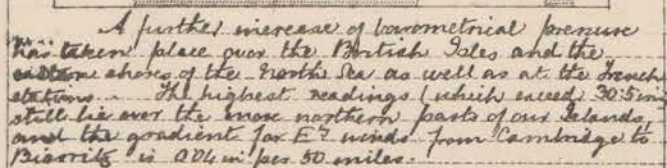
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER.** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



FRIDAY 21<sup>ST</sup> AUGUST 1874 AT 8 A.M.



Dangerfield, Lith. London



lay 8 a.m.

# WEATHER REPORT. August. 22. 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. — (0 to 12.)	Force. — (0 to 12.)					Dirac.
Haparanda ...	29. 65	-. 13	48	45	- 2	*	*	W	2	2	W	*	eo	*	*
Hernösand ...	29. 87	-. 26	?	44	?	*	*	WNW	4	2	WNW	*	eb	*	*
Stockholm ...	30. 06	-. 16	55	50	+ 2	*	*	WSW	2	4	WNW	*	o	*	*
Wisby ...	30. 24	-. 02	58	54	- 2	*	*	W	4	2	NW	*	e	*	*
Christiansund ...	30. 13	-. 08	52	50	+ 2	*	*	WSW	8	10	WSW	*	ro	*	6
Skudesnaes ...	30. 33	-. 12	55	57	+ 1	*	*	WNW	4	4	WNW	*	o	*	2
Oxö (Christiansand)	30. 26	-. 11	56	57	+ 1	*	*	WNW	4	2	NW	*	eb	*	3
Skagen (The Skaw)	30. 21	-. 12	60	58	+ 2	*	*	NW	2	2	W	*	eb	—	*
Fanö ...	30. 38	+ . 02	61	57	+ 1	*	*	NW	4	2	NW	*	b	—	*
Cuxhaven ...	30. 42 1/2	+ . 07	61	57	0	?	57	N	2	4	N	2	b	—	*
Sumburgh Head	30. 30 1/2	-. 11	52	50	- 1	57	40	WNW	4	4	WNW	8	eo	—	3
Stornoway (Hebrides)	30. 41 1/2	-. 08	56	54	+ 2	62	45	WNW	1	1	SE	7	bc	—	1
Thurso ...	30. 38 1/2	-. 10	57	54	+ 2	62	50	WNW	2	2	N	5	c	—	2
Wick ...	30. 40 1/2	-. 10	55	54	0	66	45	NW	2	2	NW	4	bc	—	0
Nairn ...	30. 42 1/2	-. 09	55	53	- 1	72	49	2	0	1	NE	8	bw	—	0
Aberdeen ...	30. 38 1/2	-. 14	56	55	- 2	63	47	2	0	3	SSW	0	b	—	0
Leith ...	30. 41 1/2	-. 15	57	56	+ 1	65	48	NW	2	1	NNE	2	bw	—	*
Shields ...	30. 46 1/2	-. 10	56	54	- 3	62	50	SW	2	4	ESE	2	fb	—	2
York ...	30. 57 1/2	. 00	55	53	- 4	69	45	8	1	1	S	0	b	—	*
Scarborough ...	30. 47 1/2	-. 08	58	55	- 1	60	50	SW	3	1	E	0	b	—	2
Nottingham ...	30. 46 3/4	-. 02	52	50	- 9	72	43	SSW	1	5	EVE	0	bf	—	*
Ardrossan ...	30. 45 1/2	-. 06	61	59	+ 2	71	55	ESE	1	2	NE	3	eb	—	0
Greencastle ...	30. 46 1/2	-. 05	64	62	+ 4	66	60	2	0	2	EVE	5	ew	—	*
Donaghadee ...	30. 47 1/2	-. 05	60	58	0	68	57	E	2	3	NNW	2	b	—	1
Kingstown ...	30. 48 1/2	-. 04	60	59	0	66	58	WNW	1	3	EVE	10	bf	—	1
Holyhead ...	30. 46 1/2	+ . 02	65	63	+ 1	74	62	2	0	1	SSW	10	bf	—	0
Liverpool (Bidston Obs.)	30. 58 1/2	+ . 08	58	53	- 3	71	57	ESE	2	3	ESE	0	eb	—	1
Valencia ...	30. 39 1/2	-. 03	67	58	+ 3	77	62	ESE	3	3	ESE	0	b	—	2
Roche's Point ...	30. 41 1/2	+ . 02	65	62	0	74	59	ESE	3	4	ESE	3	bw	—	2
Pembroke ...	30. 46 3/4	+ . 01	60	57	- 5	69	58	ESE	3	3	ESE	1	ow	—	2
Portishead ...	30. 47 1/2	. 00	58	55	- 4	69	49	EVE	3	3	E	0	ob	—	1
Scilly ...	30. 38 1/2	. 00	60	58	- 3	68	58	E	5	6	E	4	bc	—	4
Plymouth ...	30. 43 1/2	+ . 02	59	56	- 8	72	56	E	4	4	E	4	bc	—	*
Hurst Castle ...	30. 45 1/2	. 00	66	56	- 1	71	52	EVE	3	3	EVE	0	b	—	0
Dover ...	30. 45 1/2	. 00	62	55	- 1	66	59	NE	3	4	NE	4	bc	—	3
London ...	30. 47 1/2	. 00	60	55	- 4	72	48	EVE	1	3	EVE	0	ob	—	*
Oxford ...	30. 50 1/2	. 00	56	53	- 5	72	46	EVE	1	2	EVE	0	b	—	*
Cambridge ...	30. 50 1/2	. 00	55	52	- 6	72	45	E	1	1	NE	0	b	—	*
Yarmouth ...	30. 57 1/2	. 00	60	56	0	65	56	EVE	2	4	NE	3	eb	—	2
Helder ...	30. 46 1/2	+ . 02	60	*	0	*	*	NNE	2	*	*	*	*	—	2
Cape Gris Nez ...	30. 44 1/2	+ . 03	57	53	- 5	68	53	E	3	5	EVE	5	c	—	2
Brest ...	30. 34 1/2	+ . 02	60	58	- 3	86	57	E	4	7	E	0	b	—	2
L'Orient ...	30. 28 1/2	+ . 03	60	56	- 3	82	58	E	5	5	EVE	1	b	—	3
Rochefort ...	30. 21 1/2	-. 01	64	57	- 1	?	60	E	4	7	E	0	b	—	3
Biarritz ...	30. 12 1/2	+ . 02	66	62	+ 1	75	63	E	4	4	W	3	c	—	3
Corunna ...														*	*
Brussels ...	30. 43	+ . 06	55	*	- 9	*	*	EVE	3	*	*	*	2c	*	*
Charleville ...	30. 38	+ . 03	56	*	- 3	*	*	EVE	3	*	*	*	b	*	*
Paris ...	30. 35 1/2	+ . 01	56	*	- 5	77	52	NNE	4	8	N	0	cb	—	*
Lyons ...	?	?	64	*	- 2	*	*	N	3	*	*	*	b	*	*
Toulon ...	30. 07 1/2	. 00	68	64	- 5	87	67	E	3	1	SW	4	bc	—	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	30.46	55	50	WNW	4	*	0	2	Valencia ...	30.42	74	65	ESE	3	0	b	2
Thurso ...	30.48	54	50	N	2	0	b	2	Scilly ...	30.40	67	63	E	5	0	b	4
Scarborough...	30.55	57	54	ESE	1	1	b	1	London ...	30.47	69	60	NE	2	4	o c	*
Greencastle ...	30.50	76	73	?	2	?	?	*	Rochefort...	30.21	87	65	E	7	0	b	3
Holyhead ...	30.46	70	66	SSW	1	0	b	0									

No important changes are reported excepting that the wind has shifted to ESE at Valencia and freshened from the E<sup>nd</sup> at Rochefort.

## EXPLANATION OF COLUMNS.

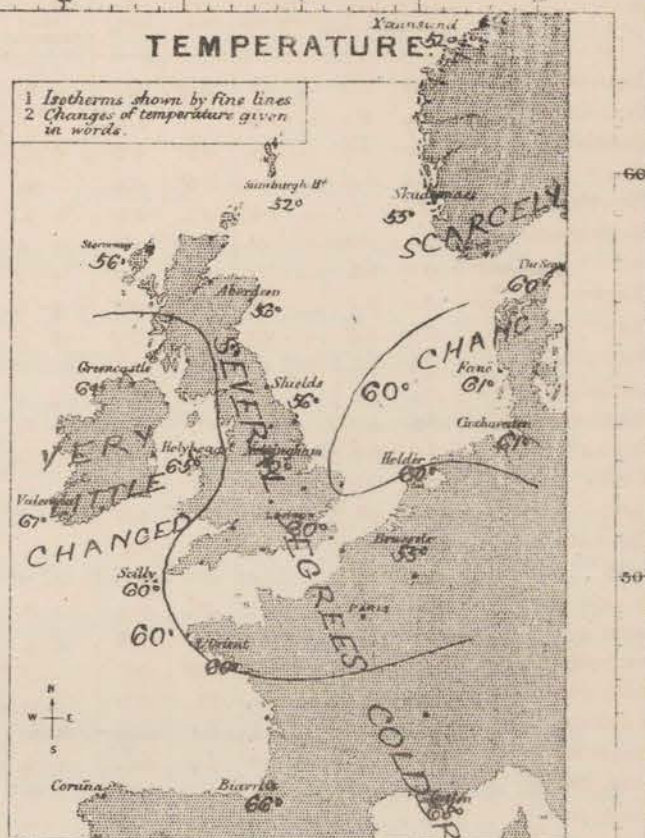
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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. wet, dew.

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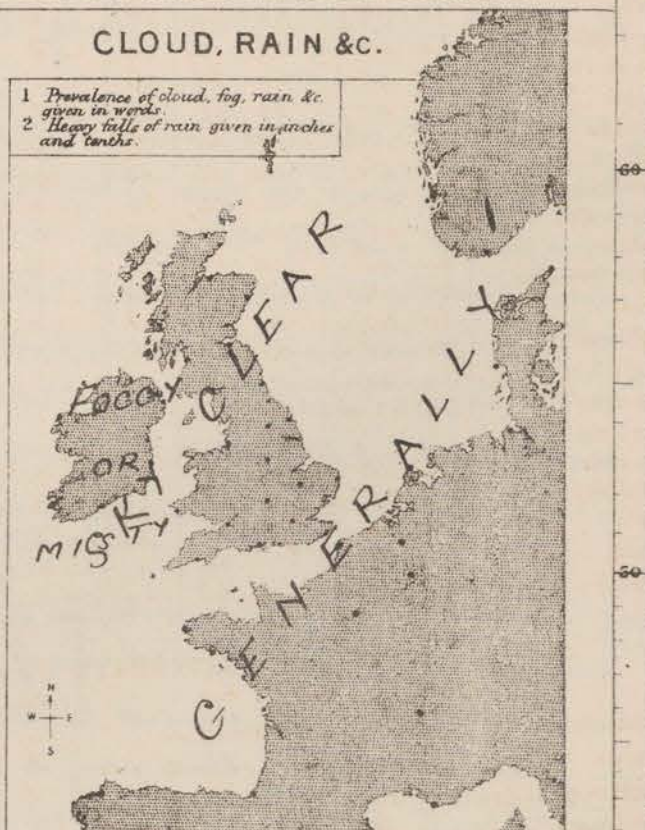
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



Sea  
disturb-  
ance.  
—  
to 9.



Temperature had decreased over  
Belgium and France. At some of the northern  
stations it was very low during the night.



The sky is clear in most places,  
but fog prevails at some western stations.

Dangerfield, Lth. 22 Bedford St. Covent Garden



# SUMMARY OF WEATHER IN WESTERN EUROPE

from AUG<sup>r</sup> 16<sup>th</sup> to AUG<sup>r</sup> 22<sup>nd</sup> 1874.

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

In the early portion of this week the atmospheric pressure was greatest over the most southern and south western parts of western Europe, during which time some slight depression passed over the northern stations from the Atlantic. After the 18<sup>th</sup>, however, a change occurred, and for the rest of the week we were under the influence of a large anti-cyclone, whose centre lay for the most part over the northern portion of Great Britain. Thus variable airs and calms were felt in the British Isles, E<sup>ly</sup> breezes in France, and W<sup>ly</sup> in the extreme north. The weather was fine and dry; but at the close of the week there were some signs that the high pressure was beginning to give way slowly.

AUG<sup>r</sup> 16<sup>th</sup> The barometer had risen everywhere, and at 8 am readings varied from about 30.25 ins. over Central France to 29.6 ins. at Stornoway and Christiansund. W<sup>ly</sup> and SW<sup>ly</sup> breezes were general, except in the south and south-west of France, where a light E<sup>ly</sup> wind prevailed. Temperature rose throughout our Islands and their vicinity; but the sky was still very cloudy, except over France and the east of Scotland. Towards the latter part of the day a slight depression seems to have passed over our most northern stations. Showers fell in the west and north, and even in London the weather looked threatening during the evening.

AUG<sup>r</sup> 17<sup>th</sup> The barometer, having again risen over the United Kingdom (most in the west) while it fell a little over France, the region of highest pressure was transferred to a position off our south-west coasts and the mouth of the Channel. At the same time the depression mentioned above had advanced almost to the west of Norway. Moderate SW<sup>ly</sup> breezes set in over the south of Norway and a light ESE breeze at Christiansund, while on our north and north-east coasts the wind veered to W or WNW. Over the rest of our Islands light W<sup>ly</sup> breezes were felt, drawing into NW in the Channel, while NNE<sup>ly</sup> winds prevailed in the west of France. Temperature fell a little. The sky became much clearer except in the west, but towards night a fresh disturbance began to manifest itself in the north-west.

AUG<sup>r</sup> 18<sup>th</sup> A further rise of the barometer had taken place in the south, and the highest readings (exceeding 30.4 ins.) were reported from the north-west of France. During the night, however, the centre of a new, but slight, disturbance had advanced to the north-west coast of Scotland. W<sup>ly</sup> breezes were still felt on our western coasts, but they drew round to SW in the east of England, and to S. in Scotland, while a light SE wind was reported from Stornoway. N<sup>ly</sup> and NE<sup>ly</sup> winds continued prevalent in France. Temperature rose at our southern and western stations. The sky became generally overcast in our Islands, and rain fell at all the Irish and North British stations.

AUG<sup>r</sup> 19<sup>th</sup> A marked change had occurred. The barometer rose everywhere excepting in the west and south of France, where it fell very slightly. A large anti-cyclone had formed having its central portion over Ireland, England, the Netherlands and north of France, so that while over Scotland there was



a gradient of 0.07 in per 50 miles for WSW winds, in the south of France there was one equally steep for NE winds. W to SW breezes prevailed on our northern coasts, blowing rather strongly at Stornoway and Sumburgh. A fresh S breeze was reported from Skudesnaes and an ESE wind at Christiansund. The French stations had E breezes, while calms and light airs prevailed between the W and E winds. Temperature rose generally, especially in the east of Scotland. The sky though much clearer generally remained overcast in Central England and the neighbourhood of Belgium, where the pressure was highest and very uniform; whilst during the day a little rain fell in the north of Scotland. During the day the fall of the barometer in France extended to the south of England, and the sky cleared in London. Temperature rose to above 80° over Central England.\*

AUG 20<sup>th</sup> The barometer had now risen briskly at our northern stations, while it had fallen slightly in the south. The area of high pressure had by these means taken up a position over the more northern parts of this country. The E wind had extended to our most southern stations, while the W breeze almost entirely disappeared from Scotland, though it still held in considerable force on the west coast of Norway. Variable airs still prevailed over the greater part of the United Kingdom. Temperature fell in the north of Scotland and Central England, and the weather, though overcast at some of the northern stations became dry in nearly all parts of the country.

AUG 21<sup>st</sup> The mercury had risen everywhere. The highest pressure (which now exceeded 30.5 in) still lay over the more northern parts of our Islands; so that while moderate N breezes prevailed on the eastern shores of the North Sea, drawing wind through NE in Holland to E in France and the south of England, and variable airs were felt in the north of Britain a well-marked SW wind was again reported from Christiansund. Temperature had fallen considerably in the east. The sky became overcast both in the south-eastern, Central and north-western parts of our Islands, but the weather remained very dry.

AUG 22<sup>nd</sup> Atmospheric pressure had now begun to give way a little over Western Europe, the change having commenced in Scandinavia and the north and north-east of our Islands. The area of highest readings became somewhat contracted, though its centre still lay over the north of England. Strong WSW winds still prevailed at Christiansund; in Denmark and the south of Norway the wind backed to NW, but in France, Holland and the British Isles no appreciable change had occurred. Temperature continued to fall, though somewhat irregularly; but the sky was clear in most places, and the weather dry. Towards night, however, clouds increased very much in the south-east of England and the wind became, temporarily, gusty.

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\*It was on this morning that "immense swarms of winged ants" appeared at Cambridge, but a great many had been previously observed in some parts of Sussex.



Sunday 8 a.m.

# WEATHER REPORT. August 23<sup>rd</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29.52	-.13	45	44	-3	*	*	N	2	2	NW	*	bc	*	*
Hernösand ...	29.73	-.14	57	44	?	*	*	NW	6	2	W	*	b	*	*
Stockholm ...	29.63	-.43	50	48	-5	*	*	N	4	4	SSW	*	oc	*	*
Wisby ...	29.71	-.53	56	54	-2	*	*	N	6	2	W	*	cb	*	*
Christiansund ...	29.97	-.16	47	46	-5	*	*	WNW	8	8	WNW	*	cr	*	6
Skudesnaes ...	30.12	-.21	52	45	-3	*	*	WNW	8	6	WNW	*	rc	*	4
Oxö (X'iansand)	29.97	-.29	56	50	0	*	*	W	4	4	W	*	b	*	2
Skagen (The Skaw)	29.89	-.32	59	55	-1	*	*	N	6	4	W	*	b	-	*
Fanö ...	30.05	-.33	61	57	0	*	*	NW	6	6	W	*	c	-	*
Cuxhaven ...	30.15	-.27	61	56	0	66	?	N	7	3	NNW	4	c	0.02	*
Sumburgh Head	30.21	-.09	57	47	-1	57	49	NW	5	5	NW	8	oc	-	3
Stornoway (Hebrides)	30.42	+.01	55	53	-1	60	50	ENE	1	2	WNW	5	oe	-	2
Thurso ...	30.39	+.01	53	49	-4	60	51	N	2	4	WNW	6	oe	0.01	2
Wick ...	30.40	+.00	53	50	-2	59	49	NW	2	4	NW	5	c	-	0
Nairn ...	30.43	+.01	54	52	-1	68	46	NW	1	1	NW	8	eo	-	0
Aberdeen ...	30.38	+.00	56	57	0	63	49	N	2	2	N	3	bc	-	1
Leith ...	30.41	+.00	61	58	+4	79	53	NNE	1	1	W	6	bc	-	*
Shields ...	30.41	+.05	59	55	+3	70	55	ESE	2	3	W	7	bc	-	1
York ...	30.50	+.07	58	57	+3	75	53	N	1	1	N	10	eo	-	*
Scarborough ...	30.41	+.06	59	55	+1	68	56	N	2	1	SW	10	eo	-	3
Nottingham ...	30.34	+.12	61	58	+9	77	49	NE	3	3	SSE	8	eo	-	*
Ardrossan ...	30.39	+.06	56	54	-5	73	54	NE	3	3	NE	8	eo	-	2
Greencastle ...	30.40	+.06	63	60	-1	71	57	Z	0	2	W	1	b	-	*
Donaghadee ...	30.39	+.08	57	56	-3	73	56	SE	1	2	E	10	bf	-	1
Kingstown ...	30.40	+.08	60	58	0	70	58	NW	1	2	SSE	6	df	-	1
Holyhead ...	30.35	+.11	62	60	-3	74	59	Z	0	2	NW	0	wb	-	0
Liverpool (Bidston Obs.)	30.36	+.22	61	58	+3	75	54	ESE	1	2	ESE	0	bm	-	1
Valencia ...	30.35	+.04	62	55	-5	77	60	N	2	3	ESE	2	b	-	2
Roche's Point ...	30.35	+.06	65	62	0	73	57	ESE	4	4	ESE	2	bm	-	1
Pembroke ...	30.36	+.10	60	56	0	66	55	NE	1	3	SE	1	bm	-	0
Portishead ...	30.35	+.12	62	57	+4	69	50	Z	0	3	E	0	b	-	1
Scilly ...	30.30	+.08	61	59	+1	65	57	E	4	6	E	0	b	-	1
Plymouth ...	30.33	+.10	59	57	0	69	50	N	1	5	E	0	cf	-	*
Hurst Castle ...	30.35	+.10	61	56	+1	71	52	E	1	3	E	0	bf	-	0
Dover ...	30.32	+.12	61	58	-1	64	52	NNW	3	4	ENE	2	b	-	2
London ...	30.33	+.14	62	57	-2	73	46	Z	0	2	ENE	0	bm	-	*
Oxford ...	30.35	+.15	54	52	-2	73	52	Z	0	1	NE	0	b	-	*
Cambridge ...	30.35	+.15	59	54	+4	72	48	NW	1	1	ENE	0	b	-	*
Yarmouth ...	30.36	+.15	62	60	-2	65	52	N	3	3	W	7	bc	-	2
Helder ...															
Cape Gris Nez ...	30.30	+.14	61	59	+4	67	57	ENE	1	4	NE	5	bc	-	1
Brest ...	30.28	+.06	63	61	+3	80	57	ESE	3	5	ENE	0	b	-	2
L'Orient ...	30.22	+.06	61	56	-1	79	57	ENE	4	3	ENE	0	b	-	3
Rochefort ...	30.18	+.03	61	52	-3	79	55	E	4	5	E	0	b	-	3
Biarritz ...	30.11	+.01	65	61	-1	76	64	SW	4	5	W	3	f	-	3
Corunna ...	?	?	77	*	-	*	*	NW	1	*	*	*	bf	-	1
Brussels ...	30.32	+.11	63	*	+8	*	*	NE	3	*	*	*	bf	-	*
Charleville ...	30.32	+.06	57	*	+1	*	*	SE	3	*	*	*	bf	-	*
Paris ...	30.28	+.07	60	*	+4	73	55	NE	1	7	NE	0	bf	-	*
Lyons ...	?	?	64	*	0	*	*	N	1	*	*	*	bf	-	*
Toulon ...	30.08	+.01	75	63	+7	76	66	Z	0	5	E	1	ob	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	30.20	55	52	W	6	*	0	3	Valencia ...	30.29	75	66	ESE	3	2	b	2
Thurso ...	30.37	55	54	WNW	4	9	e	3	Scilly ...	30.27	64	60	E	6	0	b	4
Scarborough...	30.40	63	59	SW	1	0	b	1	London ...	30.42	68	59	E	2	0	b	*
Greencastle ...	30.44	71	66	NNW	2	1	b	*	Rochefort...	30.16	86	?	E	5	0	b	3
Holyhead ...	30.45	65	59	NW	2	0	b	1									

The barometer has now fallen a little at our E<sup>st</sup> stations, and in the W of France; elsewhere there has been very little change. The weather is very fine generally.

## EXPLANATION OF COLUMNS.

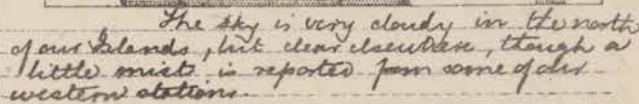
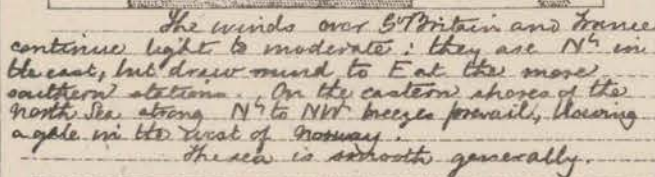
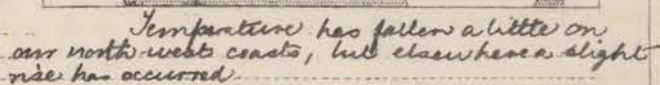
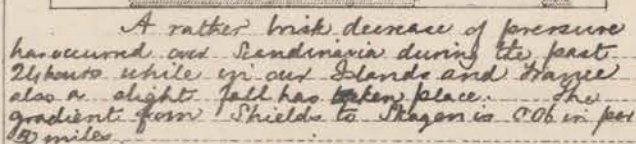
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ngly, threatening; v. visibility, unusual transparency; w. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



SUNDAY 23<sup>RD</sup> AUGUST 1874 AT 8 A.M.



Meteorological Office  
116, Victoria Str<sup>t</sup>, Westminster, S.W.  
ROBERT H. SCOTT, Director.

Dangerfield Lith. London



Monday 8 a.m.

# WEATHER REPORT. August 24<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS.				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distur- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda	29.50	-.02	45	43	0	*	*	N	2	2	W	*	b	*	*
Hernösand	29.66	-.07	49	44	-2	*	*	NW	6	4	N	*	o	*	*
Stockholm	29.65	+.02	50	45	0	*	*	NNW	6	6	N	*	oc	*	*
Wisby	29.77	+.06	51	49	-5	*	*	N	6	6	N	*	cb	*	*
Christiansund	30.09	+.12	46	42	-1	*	*	?	6	6	?	*	c	*	5
Skudesnaes	30.11	-.01	51	45	-1	*	*	NNW	6	6	WNW	*	ob	*	4
Oxö (X'tiansand)	29.98	+.01	51	45	-5	*	*	N	4	4	N	*	b	*	2
Skagen (The Skaw)	29.95	+.06	54	50	-5	*	*	NE	6	2	NW	*	c	-	*
Fanö	29.99	-.06	56	51	-5	*	*	NNW	6	8	NW	*	c	-	*
Cuxhaven	30.01	-.14	58	51	-3	62	?	NNW	7	8	NNW	8	o	-	*
Sumburgh Head	30.29	+.08	49	47	-2	53	40	N	2	5	NW	8	co	-	2
Stornoway (Hebrides)	30.22	-.20	55	53	0	60	43	SE	1	2	ESE	1	b	-	2
Thurso	30.29	-.10	49	47	-4	58	42	S	1	3	N	2	b	-	2
Wick	30.30	-.10	50	48	-3	59	34	SE	1	2	N	3	cb	-	1
Nairn	30.30	-.13	53	49	-1	64	40	Z	0	1	NW	0	b	-	0
Aberdeen	30.29	-.09	50	47	-6	60	40	N	1	3	N	1	b	-	1
Leith	30.30	-.11	55	52	-6	62	51	ESE	1	2	NNE	10	bo	-	*
Shields	30.44	+.03	54	51	-5	60	48	NNW	1	3	SSE	8	co	-	1
York	30.40	-.10	52	50	-6	65	40	N	1	1	N	4	c	-	*
Scarborough	30.32	-.09	55	52	-4	60	48	N	2	3	N	9	co	-	3
Nottingham	30.35	-.06	55	52	-4	67	45	SSE	1	3	NE	4	ow	-	*
Ardrossan	30.28	-.06	55	52	-6	71	52	NE	3	3	NE	8	ow	-	3
Greencastle	30.23	-.16	62	60	+6	66	59	Z	0	4	ESE	9	bw	-	*
Donaghadee	30.29	-.11	59	58	-4	67	53	E	2	2	N	10	ow	-	1
Kingstown	30.29	-.10	58	57	+1	66	56	E	1	2	E	10	z	0.01	1
Holyhead	30.26	-.14	61	60	+1	68	59	SSW	2	2	WSW	10	wfz	-	1
Liverpool (Bidston Obs.)	30.28	-.07	60	57	-2	74	54	ESE	3	4	ESE	10	bw	-	2
Valencia	30.25	-.10	61	54	-1	72	60	W	2	2	N	6	bc	-	1
Roche's Point	30.28	-.07	58	56	-7	74	55	NNW	1	3	ESE	6	buc	-	1
Pembroke	30.29	-.07	62	60	+2	69	58	ESE	3	3	ESE	4	bw	-	2
Portishead	30.31	-.04	65	62	+3	72	57	E	1	2	E	0	ow	-	1
Scilly	30.28	-.02	61	58	0	68	58	E	4	4	E	3	b	-	0
Plymouth	30.29	-.04	61	60	+2	73	53	SE	1	2	S	10	bw	-	*
Hurst Castle	30.32	-.03	60	55	-1	74	56	E	2	2	E	0	b	-	0
Dover	30.32	.00	60	53	-1	69	50	NNE	2	3	ESE	2	b	-	1
London	30.33	.00	58	53	-4	78	45	NE	1	3	NE	0	bow	-	*
Oxford	30.32	-.03	55	53	+1	75	47	Z	0	1	NE	10	bo	-	*
Cambridge	30.33	-.02	54	51	-5	70	45	N	1	1	NE	1	bc	-	*
Yarmouth	30.31	-.05	57	52	-5	63	52	NNW	2	3	N	6	oc	-	3
Helder	30.22	-	58	*	-	*	*	NNW	6	*	*	*	c	-	4
Cape Gris Nez	30.28	-.02	59	54	-2	69	55	ESE	3	4	ESE	5	oc	-	2
Brest	30.26	-.02	60	58	-3	80	56	E	3	4	ESE	4	bc	-	2
L'Orient	30.21	-.01	62	58	+1	85	59	ESE	4	4	ESE	2	b	-	2
Rochefort	30.17	-.01	64	55	+3	73	58	ESE	5	4	ESE	0	b	-	3
Biarritz	30.09	-.02	66	61	+1	74	62	SW	1	3	NW	0	b	-	3
Corunna															
Brussels	30.26	-.06	62	*	-1	*	*	NNE	3	*	*	*	c	*	*
Charleville	30.32	.00	?	*	?	*	*	WNW	3	*	*	*	c	*	*
Paris	30.28	.00	57	*	-3	78	55	N	5	5	NE	0	b	-	*
Lyons	?	?	66	*	+2	*	*	N	3	*	*	*	b	*	*
Toulon	30.05	-.03	70	59	-5	83	62	NE	1	5	NW	2	fb	-	3

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

Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	30.12	53	49	NNW	9	*	Valencia ...						
Thurso ...							Scilly ...						
Scarborough ...							London ...						*
Greencastle ...						*	Rochefort ...	30.17	87	64	ESE	3	0
Holyhead ...													3

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; o. 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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

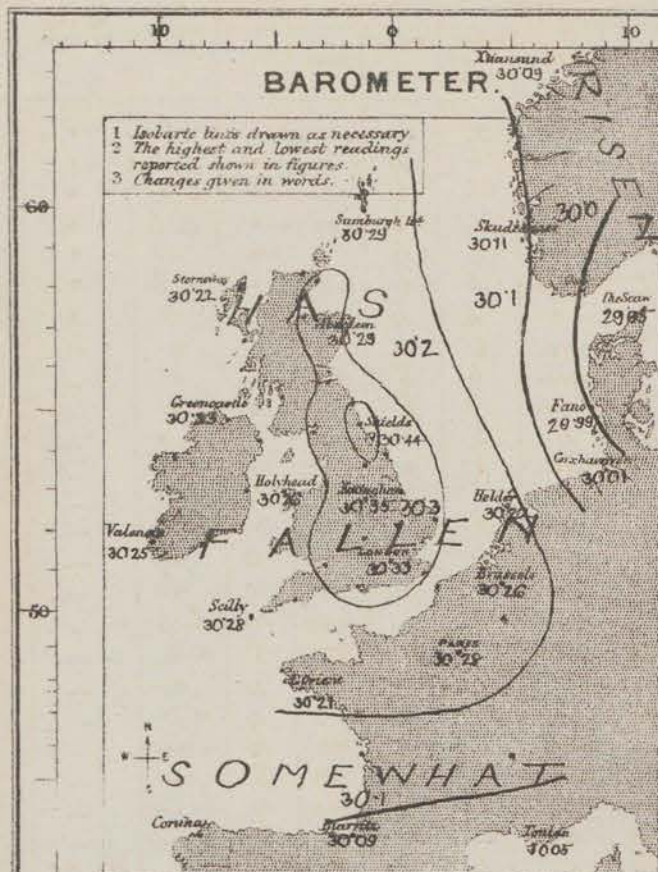
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



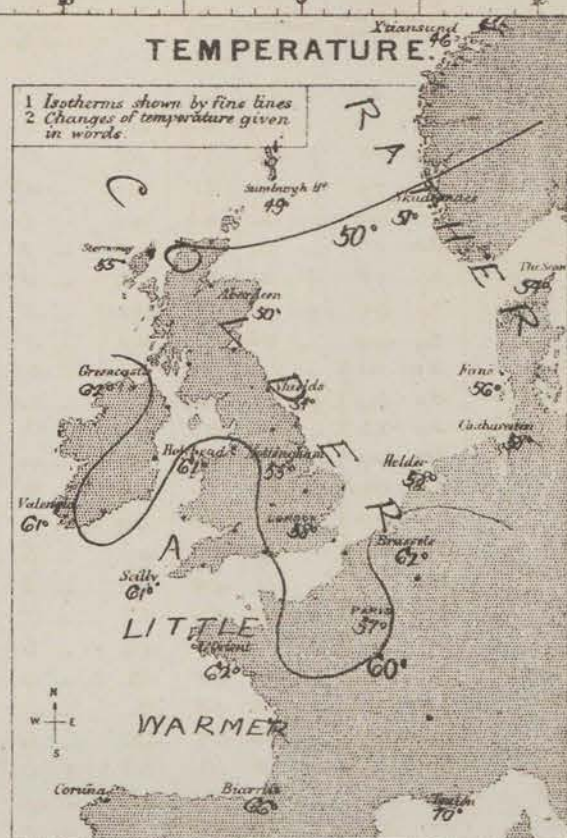
# WEATHER CHARTS

## AND REMARKS FOR

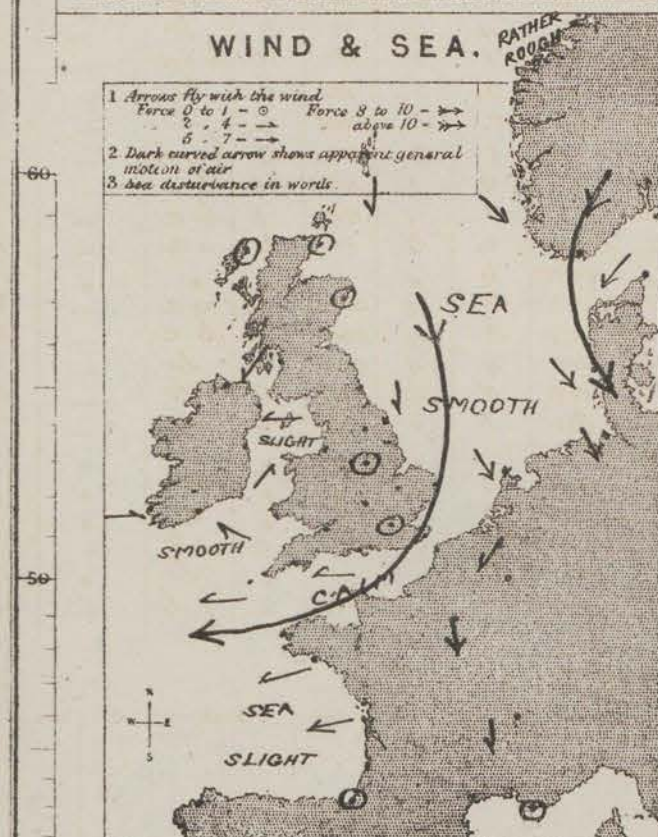
### MONDAY 24<sup>TH</sup> AUGUST 1874 AT 8 A.M.



The decrease of pressure noticed over Scandinavia yesterday has now been succeeded by a recovery, while over the United Kingdom the mercury has begun to fall somewhat, - most in the north-west. The highest readings are still found over England, the lowest lie to the E. of the North Sea, the gradient from York to Jans being 0.06 in per 50 miles.

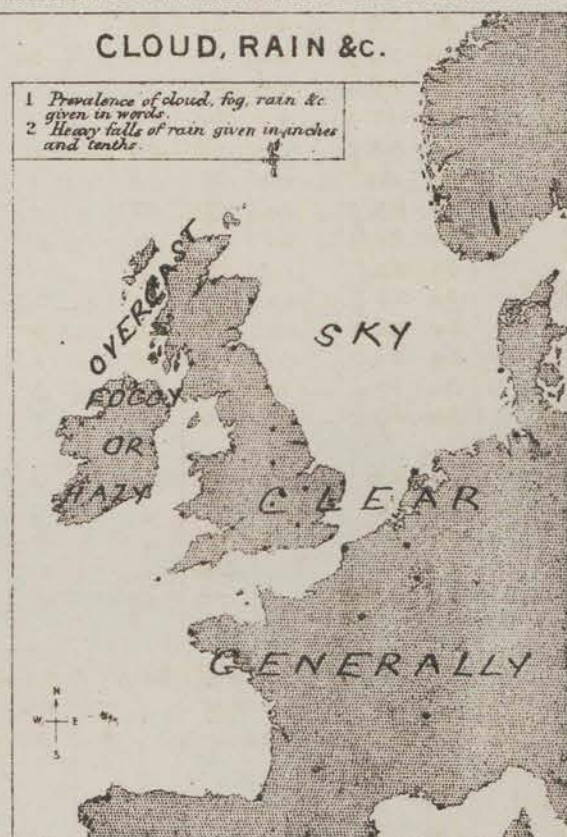


Temperature has decreased somewhat at all but the south-western stations. In London it fell to 37° on the grass during the night.



Moderate to fresh N. & breezes have now set in over the more western portions of the North Sea, while moderate E. & S. winds still hold in the west of France. Over the United Kingdom the wind is extremely light and variable.

The sea is smooth except at Christiansund.



The sky has become overcast in the north-west, foggy or hazy in the west, but is generally clear elsewhere.

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

Meteorological Office  
116, Victoria Str<sup>et</sup>, Westminster S.W.  
ROBERT H. SCOTT, Director.

Daguerfield, Lith. London.



Tuesday 8 a.m.

# WEATHER REPORT. August 25<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...						*	*					*		*	*
Hernösand ...	29.61	-.05	48	43	-1	*	*	NW	2	2	NW	*	c	*	*
Stockholm ...	29.63	-.02	49	43	0	*	*	NNW	4	6	NNW	*	ob	*	*
Wisby ...	29.79	-.02	49	45	-2	*	*	NW	4	4	N	*	c	*	*
Christiansund ...	30.00	-.09	47	44	+1	*	*	NNW	5	6	NW	*	oz	*	5
Skudesnaes ...	29.96	-.15	50	44	-1	*	*	N	6	6	NNW	*	b	*	4
Oxö (X'tiansand)	29.84	-.14	52	50	+1	*	*	NE	4	2	WNW	*	b	*	3
Skagen (The Skaw)	29.89	-.06	53	48	-1	*	*	NE	2	2	NW	*	bc	-	*
Fanö ...	29.90	-.09	55	51	-1	*	*	NNW	6	4	NW	*	bc	-	*
Cuxhaven ...	29.95	-.06	57	51	-1	?	52	NW	5	6	N	8	o	0.03	*
Sumburgh Head	30.11	-.18	49	46	0	55	42	NNE	3	3	N	6	co	-	2
Stornoway (Hebrides)	30.08	-.14	56	58	+5	61	53	Z	0	3	S	10	rg	-	1
Thurso ...	30.12	-.17	54	50	+5	60	40	SE	2	2	ESE	5	bg	-	2
Wick ...	30.13	-.17	53	49	+3	58	40	SE	2	2	SE	3	b	-	1
Nairn ...	30.13	-.17	55	53	+2	60	52	Z	0	0	Z	8	o	-	1
Aberdeen ...	30.12	-.17	54	50	+4	57	50	SSE	1	2	SE	7	c	-	1
Leith ...	30.13	-.17	55	54	0	65	54	E	2	2	ENE	10	co	0.01	*
Shields ...	30.12	-.32	56	53	+2	59	53	ESE	3	3	ESE	9	bg	-	2
York ...	30.13	-.27	54	53	+2	67	48	N	1	1	N	9	g	-	*
Scarborough ...	30.12	-.20	55	52	0	60	51	ESE	1	1	E	10	o	-	2
Nottingham ...	30.10	-.25	60	57	+5	74	55	NE	3	3	SSE	4	ow	-	*
Ardrossan ...	30.11	-.17	57	54	+2	68	55	NNE	2	3	NE	8	g	-	1
Greencastle ...	30.14	-.09	66	58	-2	66	59	NW	1	4	NNW	10	g	-	*
Donaghadee ...	30.11	-.18	57	56	-2	65	55	NW	5	5	NW	10	co	-	3
Kingstown ...	30.13	-.16	57	56	-1	69	56	W	2	3	W	10	ow	0.31	2
Holyhead ...	30.14	-.12	58	57	-3	68	58	NNW	4	3	SSW	7	ow	0.19	3
Liverpool (Bidston Obs.)	30.06	-.22	63	58	+3	67	58	SW	1	3	ESE	5	mc	-	1
Valencia ...	30.20	-.05	61	55	0	65	59	NNW	3	3	W	7	c	-	2
Roche's Point ...	30.16	-.12	61	57	+3	68	57	NNE	4	4	NNE	4	c	-	3
Pembroke ...	30.10	-.19	59	58	-3	68	58	N	1	2	SSW	10	od	0.04	0
Portishier 1 ...	30.12	-.19	66	63	+1	67	57	S	1	1	N	9	mo	-	0
Scilly ...	30.11	-.17	61	60	0	69	60	NNW	2	4	ESE	7	c	-	0
Plymouth ...	30.08	-.21	61	61	0	70	58	NW	1	2	SE	10	er	-	*
Hurst Castle ...	30.08	-.24	64	59	+4	70	62	SW	1	2	WSW	10	co	-	1
Dover ...	30.08	-.24	61	57	+1	62	55	WSW	2	2	ENE	7	bo	-	1
London ...	30.07	-.26	59	57	+1	70	54	Z	0	2	NE	10	bpo	0.14	*
Oxford ...	30.07	-.25	60	59	+5	70	55	W	1	1	E	8	o	-	*
Cambridge ...	30.06	-.28	60	58	+6	70	53	Z	0	1	NNW	10	ext	0.03	*
Yarmouth ...	30.09	-.22	59	56	+2	63	55	E	2	3	NNE	8	bo	-	3
Helder ...	30.10	-.12	57	*	-1	*	*	NNW	5	*	*	*	*	-	2
Cape Gris Nez ...	30.09	-.19	57	52	-2	66	53	S	1	1	NE	9	co	-	1
Brest ...	30.07	-.19	58	58	-2	80	57	N	3	3	N	10	g	-	2
L'Orient ...	30.06	-.16	60	58	-2	82	58	E	1	3	WSW	5	bc	-	1
Rochefort ...	30.09	-.08	60	53	-4	?	54	NE	4	5	E	3	bc	-	3
Biarritz ...	30.01	-.08	64	64	-2	76	64	WSW	4	3	N	5	bf	-	2
Corunna ...			*	*		*	*		*	*	*	*	*	-	*
Brussels ...	30.10	-.16	52	*	-10	*	*	NNE	3	*	*	*	b	-	*
Charleville ...	30.22	-.10	53	*	?	*	*	E	1	*	*	*	c	-	*
Paris ...	30.10	-.18	56	*	-1	69	54	E	4	7	NE	10	co	-	*
Lyons ...	?	?	63	*	-3	*	*	N	3	*	*	*	o	-	*
Toulon ...	29.96	-.09	68	64	-2	83	61	E	1	1	SW	7	bo	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	30.06	53	46	nnw	8	*	b	5	Valencia ...	30.25	63	54	w	2	6	c	2
Thurso ...	30.23	58	51	se	2	3	b	2	Scilly ...	30.24	67	63	ese	4	7	c	1
Scarborough...	30.26	57	53	E	1	9	o	2	London ...	30.25	65	56	NE	2	2	mb	*
Greencastle ...	30.19	63	61	NW	3	10	g	*	Rochefort...	30.17	89	67	E	4	0	b	3
Holyhead ...	30.22	65	62	ssw	3	10	ow	2									

Pressure has continued to decrease except at Valencia and Rochefort, where no change has occurred. At the latter station temperature has increased to 89°, with a difference of 22° between the readings of the dry and wet-bulb thermometers.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

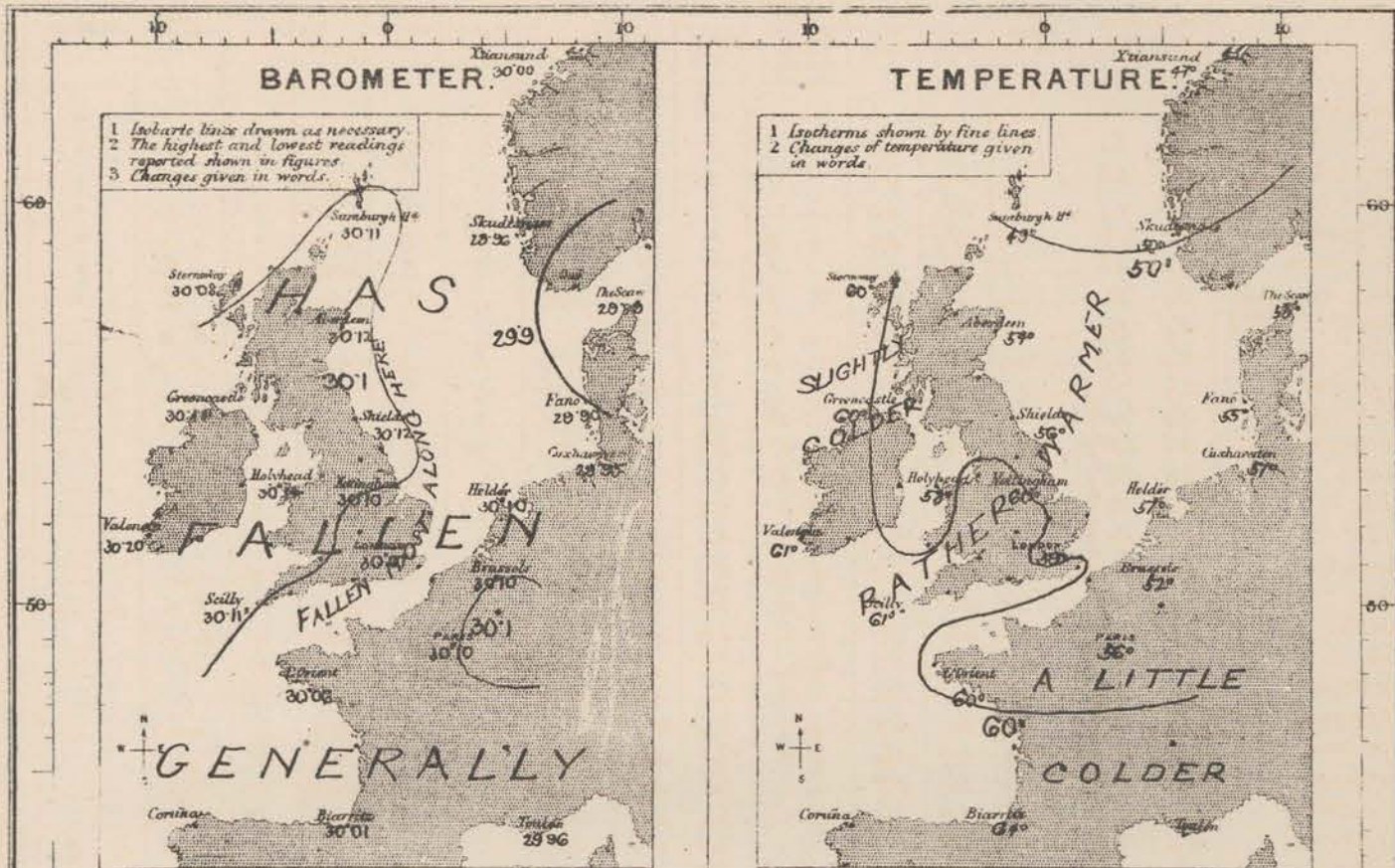
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS

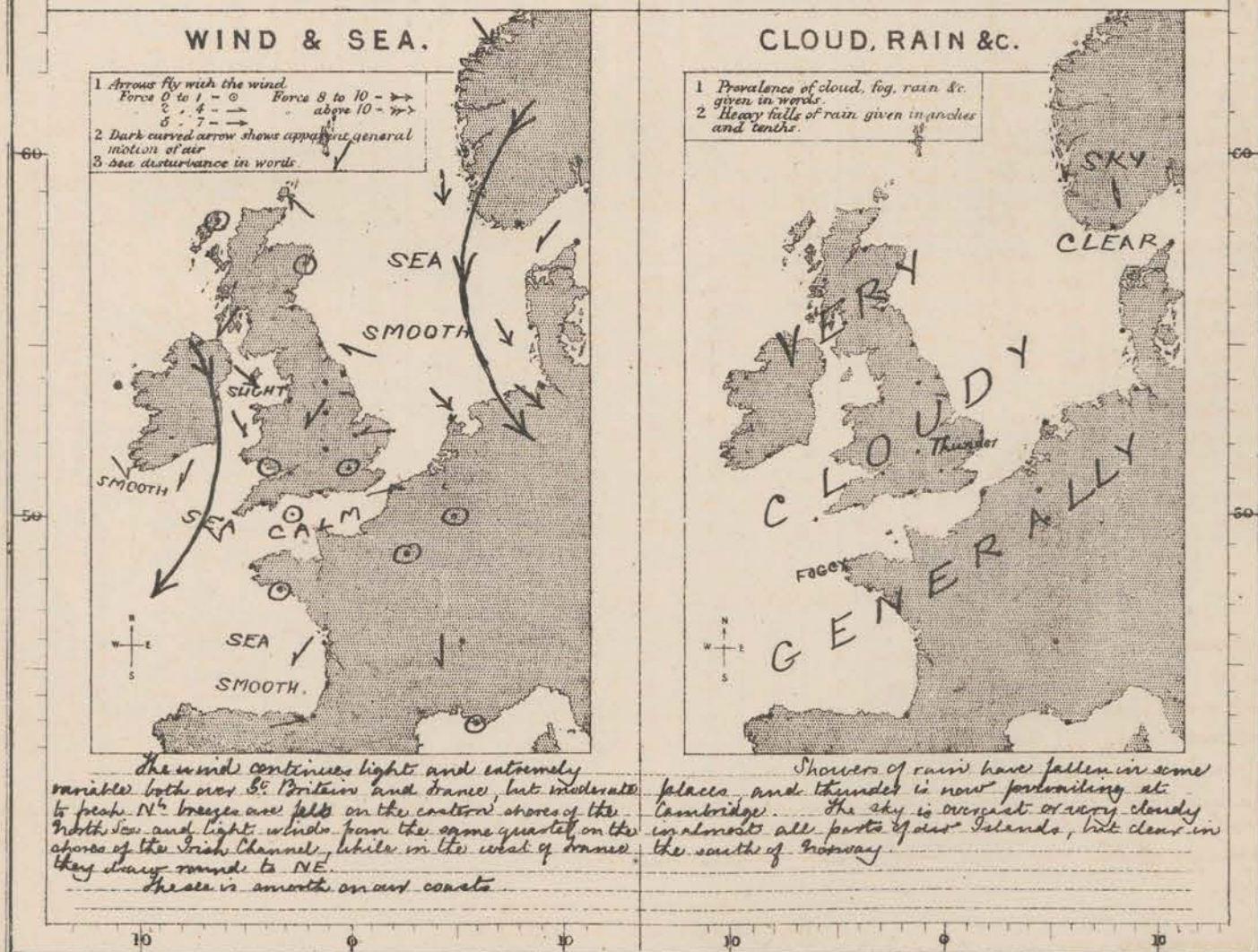
AND REMARKS FOR

TUESDAY 25<sup>TH</sup> AUGUST 1874 AT 8 A.M.



During the past night the barometer has again fallen generally, especially over the east and south of England. The highest readings now lie over the west and north of our Islands, but the gradient from Scarborough to Dover is only 0.04 in per 50 miles.

Temperature has risen somewhat over the greater part of our Islands, but changed little elsewhere.



The wind continues light and extremely variable both over S. Britain and France, but moderate to fresh N. breezes are felt on the eastern shores of the North Sea and light winds from the same quarter on the shores of the Irish Channel, while in the west of France they blow round to NE. The sea is smooth on our coasts.

Showers of rain have fallen in some places, and thunder is now prevailing at Cambridge. The sky is overcast or very cloudy in almost all parts of our Islands, but clear in the south of Norway.

Subscriptions for these Charts payable in advance to cover delivery.  
Delivery by hand 10/- per quarter.  
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Meteorological Office  
116, Victoria Str. Westminister. S.W.  
ROBERT H. SCOTT, Director.

Dangerfield, Lith. London.



Wednesday 8 a.m.

# WEATHER REPORT. AUGUST 26<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.						
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.					
Haparanda ...						*	*					*			*	*
Hernösand ...	29.68	+ .07	44	?	-4	*	*	N	4	2	N	*	o	*	*	*
Stockholm ...	29.63	-.00	48	45	-1	*	*	NNW	4	4	NNW	*	20	*	*	*
Wisby ...	29.75	-.04	52	48	+3	*	*	N	6	4	N	*	c	*	*	*
Christiansund ...	29.96	-.04	46	43	-1	*	*	W	4	6	WNW	*	oc	*	*	4
Skudesnaes ...	29.90	-.06	52	46	+2	*	*	NNW	6	6	NNW	*	b	*	*	3
Oxö (X'tiansand) ...	29.84	.00	52	47	0	*	*	N	4	4	SW	*	b	*	*	2
Skagen (The Skaw) ...	29.85	-.04	54	50	+1	*	*	NE	2	2	NW	*	b	—	*	*
Fanö ...	29.88	-.02	56	53	+1	*	*	NNW	2	2	NNW	*	cb	0.04	*	*
Cuxhaven ...	29.93	-.02	55	53	-2	60	?	NW	5	6	NNW	?	20	0.05	*	*
Sumburgh Head ...	29.94	-.15	52	49	+3	55	46	S	2	1	N	5	c	—	2	2
Stornoway (Hebrides) ...	29.94	-.14	58	56	-2	63	53	SW	1	1	WNW	10	g	—	1	1
Thurso ...	29.96	-.16	56	54	+2	65	53	SW	1	2	SE	9	o	—	1	1
Wick ...	29.96	-.17	55	54	+2	60	57	W	1	2	SE	10	o	—	0	0
Nairn ...	29.99	-.14	57	54	+2	62	55	Z	0	1	NE	8	bo	—	0	0
Aberdeen ...	29.97	-.15	56	54	+2	58	53	Z	0	1	SSE	10	eo	—	0	0
Leith ...	30.02	-.11	58	56	+3	63	54	W	1	1	E	8	ew	—	*	*
Shields ...	30.03	-.09	56	54	0	60	52	NW	2	3	E	9	bg	—	2	2
York ...	30.09	-.04	58	56	+4	68	48	S	1	1	SW	7	e	—	*	*
Scarborough ...	30.03	-.09	55	53	0	59	49	SSW	2	1	NE	8	co	—	2	2
Nottingham ...	30.09	-.01	57	54	-3	70	57	SSW	2	4	NE	9	bw	—	*	*
Ardrossan ...	30.02	-.09	56	56	+2	67	57	WNW	1	2	NNE	8	mo	—	0	0
Greencastle ...	30.03	-.11	59	57	-1	65	56	SW	1	3	NNW	10	g	0.01	*	*
Donaghadee ...	30.03	-.08	58	56	+1	63	53	W	3	5	NW	8	e	—	2	2
Kingstown ...	30.09	-.04	57	56	0	64	56	WNW	1	3	NE	3	sub	—	1	1
Holyhead ...	30.06	-.08	59	58	+1	65	56	NNW	1	4	NNW	1	fb	—	0	0
Liverpool (Bidston Obs.) ...	30.05	-.01	57	55	-6	65	54	SSE	1	2	W	10	ew	—	1	1
Valencia ...	30.09	-.11	62	57	+1	67	59	WNW	2	3	NNW	8	c/p	0.01	2	2
Roche's Point ...	30.10	-.06	60	56	-1	72	57	NNW	1	4	NNE	6	bc	—	1	1
Pembroke ...	30.08	-.02	59	58	0	65	56	Z	0	2	NW	9	cg	0.04	0	0
Portishead ...	30.07	-.05	65	62	-1	75	57	S	1	3	W	2	sw	—	1	1
Scilly ...	30.11	.00	61	60	0	65	58	Z	0	4	N	5	ew	—	0	0
Plymouth ...	30.08	.00	59	58	-2	68	55	NW	2	2	NW	4	cf	0.04	*	*
Hurst Castle ...	30.10	+ .02	63	60	-1	74	58	SE	2	3	S	3	cb	—	1	1
Dover ...	30.08	.00	63	57	+2	65	52	NE	2	3	WSW	4	c	—	1	1
London ...	30.10	+ .03	57	55	-2	75	47	E	1	3	E	4	pb	—	*	*
Oxford ...	30.09	+ .02	54	53	-6	76	48	Z	0	1	W	10	cg	—	*	*
Cambridge ...	30.09	+ .04	54	52	-6	70	44	SSE	1	1	NE	1	em	—	*	*
Yarmouth ...	30.10	+ .01	54	52	-5	61	46	Z	0	3	ENE	2	ob	—	2	2
Helder ...	30.04	-.06	58	*	+1	*	*	NNW	5	*	*	*	*	*	2	2
Cape Gris Nez ...	30.08	-.01	58	54	+1	67	52	Z	0	1	SSW	5	c	—	1	1
Brest ...	30.11	+ .04	59	59	+1	66	53	NNE	3	4	N	10	g	—	2	2
L'Orient ...	30.05	-.01	57	55	-3	77	54	E	3	4	ENE	3	fb	—	2	2
Rocheport ...	30.05	-.04	59	52	-1	77	55	E	4	3	NE	0	fb	—	3	3
Biarritz ...	30.02	+ .01	65	61	+1	71	62	SW	4	4	NW	5	c	—	3	3
Corunna ...			*	*	*	*	*					*		*	*	*
Brussels ...	30.07	-.03	57	*	+5	*	*	N	3	*	*	*	o	*	*	*
Charleville ...	30.07	-.15	56	*	+2	*	*	S	1	*	*	*	c	*	*	*
Paris ...	30.08	-.02	56	*	0	67	50	NE	3	4	NNE	3	gc	—	*	*
Lyons ...	?	?	64	*	+1	*	*	N	3	*	*	*	fb	*	*	*
Toulon ...	29.95	-.01	67	56	-1	77	63	NW	1	1	NW	9	o	—	2	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.		
Skudesnaes ...	29.93	54	47	NNW	6	*	b	4	Valencia ...	?	66	58	NNW	3	2	b	2
Thurso ...	30.06	64	56	SE	2	4	c	1	Scilly ..	30.12	64	61	N	4	5	c	2
Scarborough...	30.12	56	53	ENE	1	6	c	2	London ...	30.05	69	60	WNW	1	9	0.2	*
Greencastle ...	30.14	62	59	NNW	2	10	g	*	Rocheport...	30.03	74	63	NE	3	7	c	3
Holyhead ...	30.09	63	61	NNW	2	1	sw	2									

Pressure had changed very irregularly since the morning. The winds are light and variable, but chiefly from the N.W.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



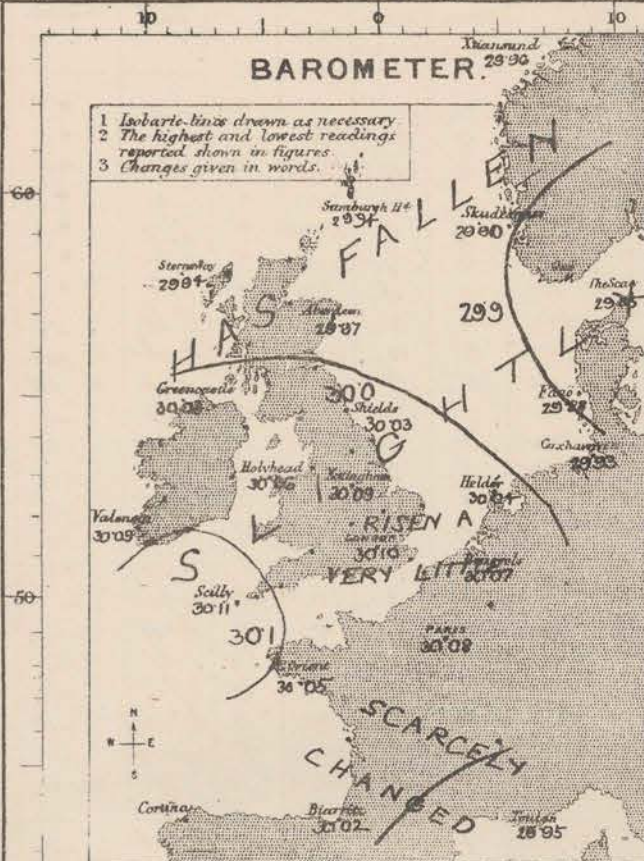
# WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 26<sup>TH</sup> AUGUST 1874 AT 8 A.M.

## BAROMETER.

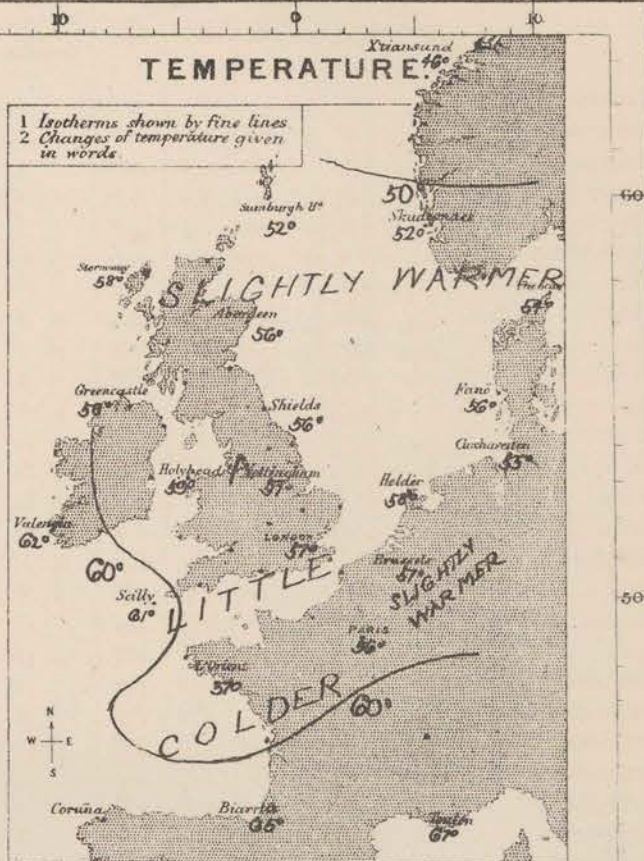
- 1 Isobaric lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



A further fall of the barometer has taken place, at all but the south-eastern stations, and readings, though highest in the south-west, are very uniform over north-western Europe—the gradient from Scilly to the east being only 0.02 in. per 50 miles.

## TEMPERATURE.

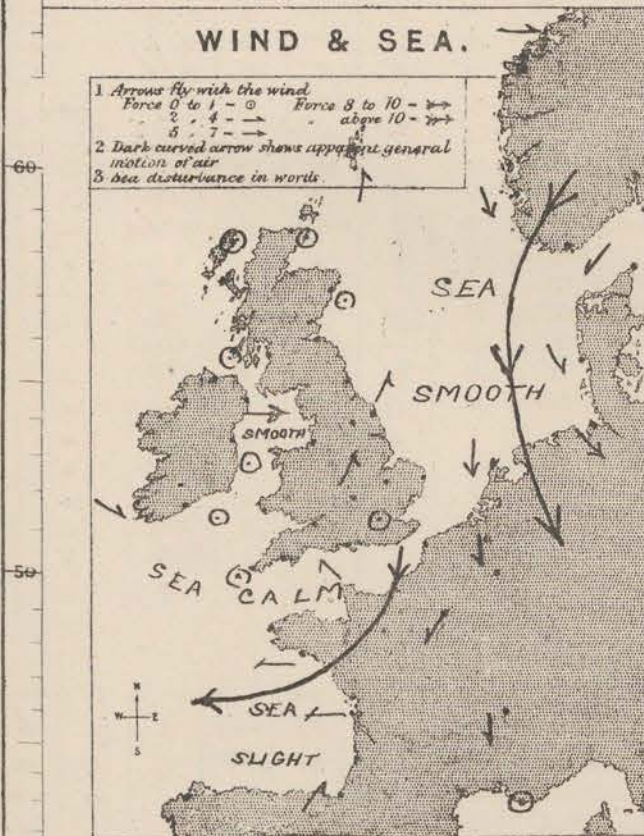
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has decreased somewhat over England and the west of France, but risen slightly in Scotland and the neighbourhood of Belgium. It is now remarkably uniform over Western Europe.

## WIND & SEA.

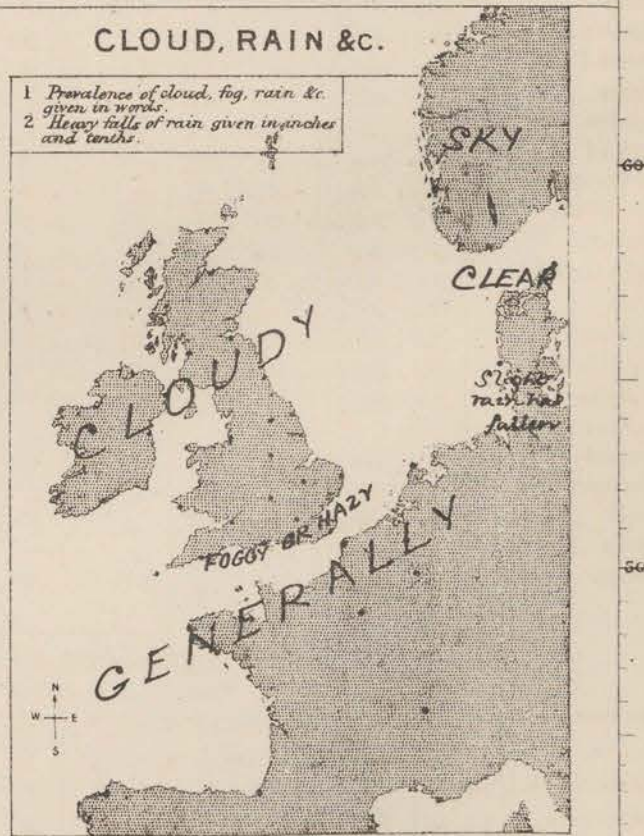
- 1 Arrows fly with the wind  
Force 0 to 1 - ○ Force 8 to 10 - →  
2 - 4 - → above 10 - →  
5 - 7 - →
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



Very variable air still prevails over the United Kingdom, moderate N.W. winds on the eastern shores of the North Sea, and N.E. to E. breezes in France. The sea is very smooth on our coast.

## CLOUD, RAIN & C.

- 1 Prevalence of cloud, fog, rain &c. given in words
- 2 Heavy falls of rain given in inches and tenths



Slight showers have fallen at a few stations. The sky is, on the whole, rather cloudy, with fog or haze at the southern stations.

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... post 3/ per quarter.

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

ROBERT H. SCOTT, Director.

Dangerfield, Lth. 22 Bedford St. Covent Garden.



Thurs. day 8 a.m.

# WEATHER REPORT. AUGUST 27<sup>TH</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (in shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disur- bance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)					Direc.
Haparanda	29.86	-	45	43	-	*	*	N	2	2	N	*	bc	*	*
Hernösand	29.86	+ .18	49	46	+ 5	*	*	Z	0	0	Z	*	cb	*	*
Stockholm	29.79	+ .16	49	46	+ 1	*	*	NNW	4	4	N	*	b	*	*
Wisby	29.89	+ .14	53	50	+ 1	*	*	NE	4	2	NE	*	b	*	*
Christiansund	29.84	- .09	49	46	+ 3	*	*	ESE	2	2	ENE	*	b	*	1
Skudesnaes	29.86	- .04	53	49	+ 1	*	*	E	4	4	NNW	*	bc	*	2
Oxö (X'tiansand)	29.89	+ .05	50	46	- 2	*	*	NNW	2	4	SW	*	b	*	1
Skagen (The Skaw)	29.91	+ .06	57	54	+ 3	*	*	WSW	2	2	N	*	bc	0.08	*
Fanö	29.89	+ .01	59	54	+ 3	*	*	NE	2	2	NW	*	cb	-	*
Cuxhaven	29.938	00	57	55	+ 2	?	52	W	2	5	NW	9	20	0.02	*
Sumburgh Head															
Stornoway (Hebrides.)	29.508	- .44	54	53	- 4	60	53	SSW	6	4	S	10	er	0.31	6
Thurso	29.548	- .42	58	56	+ 2	63	52	SSE	2	2	SSE	6	oe	0.01	2
Wick	29.662	- .30	57	56	+ 2	62	54	S	3	3	S	8	o	-	2
Nairn	29.558	- .44	63	56	+ 6	67	56	WNW	2	2	WNW	8	o	-	2
Aberdeen	29.648	- .33	57	56	+ 1	61	55	S	2	2	S	8	eo	-	0
Leith	29.678	- .35	61	58	+ 3	70	57	SW	2	2	WNW	7	e	-	*
Shields	29.742	- .29	59	55	+ 3	60	55	WSW	2	2	N	18	cm	-	1
York	29.832	- .26	59	57	+ 1	70	52	W	1	1	SW	10	o	-	*
Scarborough	29.778	- .26	58	56	+ 3	66	53	SW	1	1	WSW	10	o	-	1
Nottingham	29.838	- .26	58	57	+ 1	69	49	SSE	1	2	SSE	4	gw	0.02	*
Ardrossan	29.628	- .40	60	58	+ 1	65	58	SSW	3	3	WSW	8	o	0.02	3
Greencastle	29.628	- .41	55	54	- 4	66	56	W	2	4	WSW	10	er	0.21	*
Donaghadee	29.658	- .38	58	57	0	65	56	SW	3	3	W	10	cd	0.01	2
Kingstown	29.698	- .40	61	59	+ 4	66	57	SE	1	3	SSE	10	cm	-	1
Holyhead	29.708	- .36	60	59	+ 1	68	58	SSW	4	2	WSW	7	ow	-	3
Liverpool (Bidston Obs.)	29.748	- .31	61	57	+ 4	66	55	S	2	3	SSW	9	o	-	1
Valencia	29.758	- .34	57	53	- 5	67	54	NNW	3	4	WSW	6	re	0.60	3
Roche's Point	29.688	- .42	57	56	- 3	70	57	N	5	5	N	9	er	0.46	4
Pembroke	29.778	- .31	61	59	+ 2	66	58	SSW	4	4	SSW	10	cm	0.06	3
Portishead	29.838	- .24	60	58	- 5	71	55	S	3	2	S	10	ow	-	1
Scilly	29.858	- .26	62	60	+ 1	66	58	SW	4	4	W	7	cf	0.01	4
Plymouth	29.868	- .22	61	59	+ 2	67	56	S	4	4	S	10	cg	-	*
Hurst Castle	29.878	- .23	64	61	+ 1	74	57	W	3	3	W	10	bo	-	2
Dover	29.898	- .19	64	60	+ 1	67	56	S	1	1	S	2	eb	-	1
London	29.878	- .23	62	59	+ 5	74	49	WSW	1	1	SSE	10	om	-	*
Oxford	29.868	- .23	58	57	+ 4	73	53	SW	1	2	W	10	cm	0.01	*
Cambridge	29.858	- .24	60	57	+ 6	72	50	SW	1	1	S	10	eo	-	*
Yarmouth	29.878	- .23	61	57	+ 7	63	53	SW	2	3	SSE	4	bw	-	2
Helder	29.908	- .14	58	*	- 3	*	*	SSW	5	*	*	*	*	-	2
Cape Gris Nez	29.918	- .17	58	54	0	68	53	S	1	1	NNE	1	b	-	1
Brest	29.958	- .16	59	59	0	66	54	NE	1	4	NNW	10	bf	-	1
L'Orient	29.938	- .12	57	57	0	76	55	NE	1	4	SW	6	bf	-	1
Rochefort	29.978	- .08	61	57	+ 2	?	58	SE	3	5	N	0	b	-	3
Biarritz	29.958	- .07	64	60	- 1	70	61	SW	3	5	NW	5	f	-	3
Corunna			*	*		*	*	S	1	*	*	*	b	-	*
Brussels	29.94	- .13	57	*	0	*	*	S	1	*	*	*	b	-	*
Charleville	30.04	- .03	52	*	- 3	*	*	ESE	1	*	*	*	b	-	*
Paris	29.968	- .12	58	*	+ 2	71	57	SE	4	4	N	0	cb	-	*
Lyons	?	?	64	*	0	*	*	SE	3	*	*	*	b	-	*
Toulon	29.972	+ .02	67	62	0	80	61	E	3	5	W	9	f	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.90	54	47	WNW	6	*	b	3	Valencia ...	30.04	66	60	WSW	3	7	c	2
Thurso ...	29.82	62	56	SSE	1	8	?	1	Scilly ...	30.08	63	62	W	3	4	c	0
Scarborough...	29.97	66	62	WSW	1	9	0	1	London ...	30.05	68	59	SSE	1	7	cm	*
Greencastle ...	29.94	66	62	WSW	2	7	c	*	Rochefort...	30.05	88	65	NE	3	0	b	3
Holyhead ...	30.02	65	61	WSW	2	2	b	1									

The barometer continues to fall except at Rochefort, and light WSW breezes are blowing along our W<sup>co</sup>asts, with rather cloudy weather. Temperature has risen fast in the E of England, and very rapidly at Rochefort.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



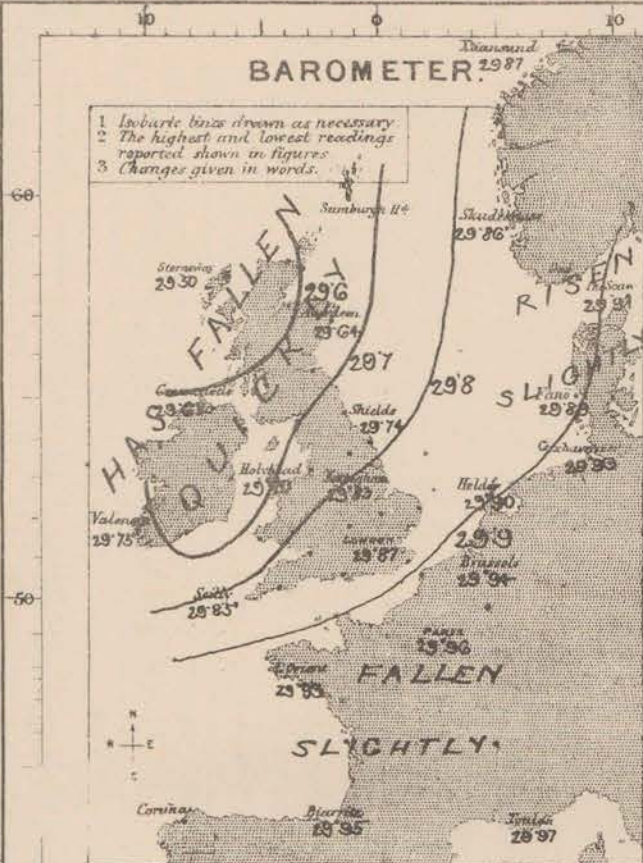
# WEATHER CHARTS

AND REMARKS FOR

THURSDAY 27<sup>TH</sup> AUGUST 1874 AT 8 A.M.

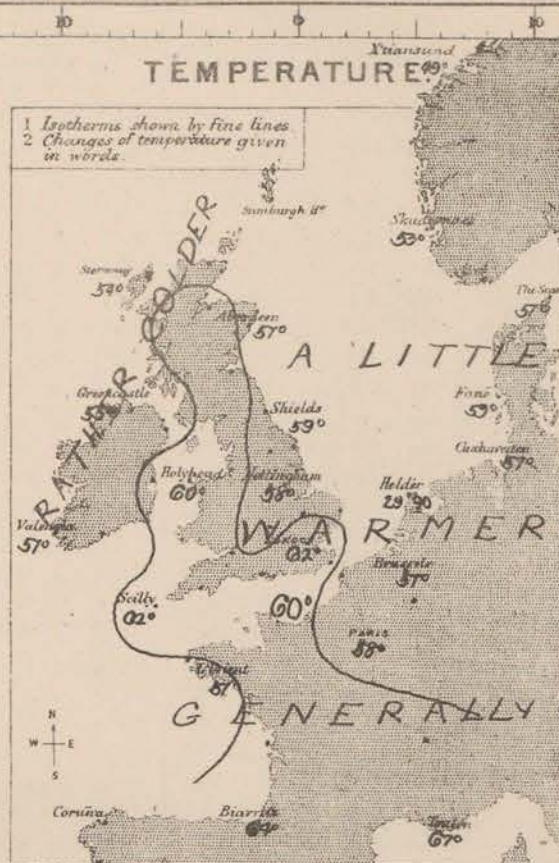
## BAROMETER.

- 1 Isobars being drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



## TEMPERATURE.

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

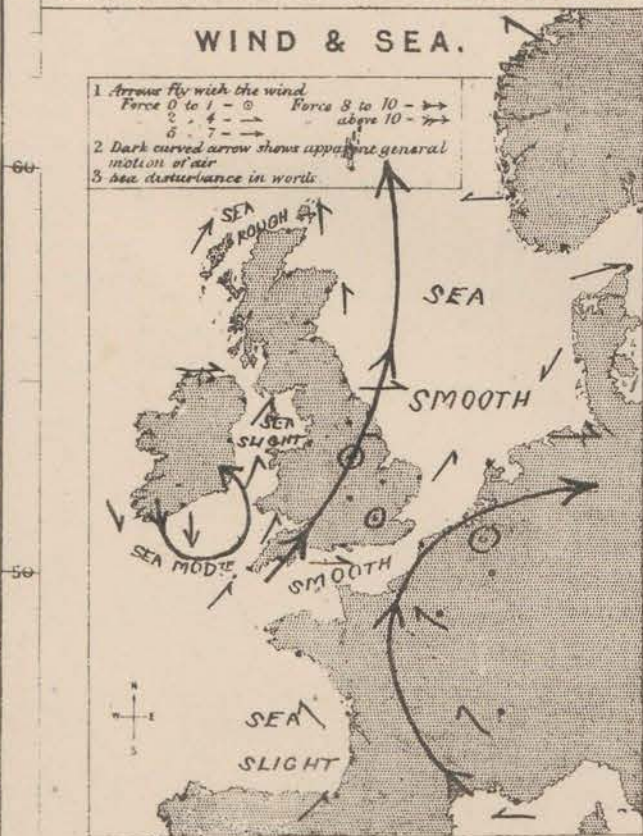


The fall of the barometer noticed in the west and north yesterday has continued very briskly, and extended to all but the Danish coast. Readings are now highest over France and lowest to the west of Scotland, while there is apparently an additional shallow disturbance lying over Ireland. The gradient from Paris to Stornoway is only 0.035 in per 50 miles.

Temperature has risen somewhat except on the western coasts of Ireland and Scotland, most in the east and south-east of England.

## WIND & SEA.

- 1 Arrows fly with the wind.  
Force 0 to 1 - ○ Force 8 to 10 - →  
2 - 4 - → above 10 - →
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.

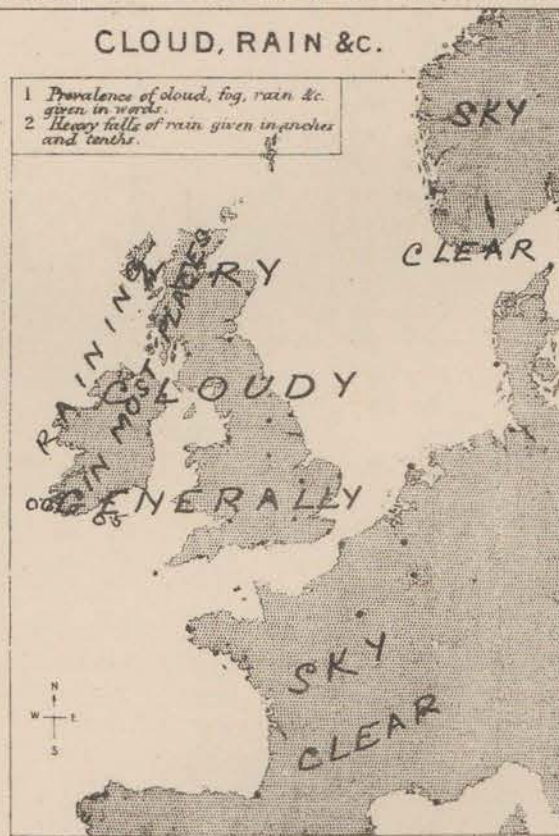


Light to moderate breezes prevail generally SE<sup>4</sup> over France, SSW<sup>4</sup> over E<sup>4</sup> Britain, and E<sup>4</sup> in the west of Norway; but in the south of Ireland the wind has already veered to the NW.

The sea is rough at Stornoway, moderate off our south-west coast, smooth elsewhere.

## CLOUD, RAIN &c.

- 1 Prevalence of cloud, fog, rain &c. given in words.
- 2 Heavy falls of rain given in inches and tenths.



The sky has become overcast or cloudy over the United Kingdom, with rain in the west and north-west, but is still clear on the Continent.

Subscriptions for these Charts payable in advance.  
Delivered by post, 10 p. per quarter.  
Post paid, 5 p. per quarter.

Meteorological Office  
116, Victoria Str<sup>t</sup>. Westminster, S.W.  
ROBERT H. SCOTT Director.

Dangerfield, 1st, 22 Bedford St. Covent Garden.



Fri. day 8 a.m.

# WEATHER REPORT. August. 28<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M.  Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
Haparanda	29.98	+12	47	45	+2	*	*	NE	2	2	N	*	0	*	*
Hernösand	29.99	+13	48	46	-1	*	*	Z	0	0	Z	*	0	*	*
Stockholm	29.95	+16	48	47	-1	*	*	Z	0	0	Z	*	0	*	*
Wisby	30.03	+14	54	50	+1	*	*	E	2	2	NW	*	0	*	*
Christiansund	29.80	-07	52	45	+3	*	*	ENE	6	0	Z	*	0	*	1
Skudesnaes	29.73	-13	57	53	+4	*	*	ESE	6	6	SSE	*	0	*	4
Oxö (X'tiansand)	29.84	-05	58	54	+8	*	*	ESE	6	4	E	*	0	*	4
Skagen (The Skaw)	29.90	-01	59	58	+2	*	*	SSE	2	2	SE	*	0	*	*
Fanö	29.77	-12	55	54	-4	*	*	SSE	4	4	S	*	0	*	*
Cuxhaven	29.81	-12	56	55	-1	?	52	SSW	2	3	SSW	9	0.05	*	*
Sunburgh Head	29.47	-14	49	49	-4	59	48	N	6	5	S	10	0.28	5	5
Stornoway (Hebrides)	29.58	-08	53	51	-1	60	53	SW	2	6	SSW	?	0.07	2	2
Thurso	29.59	+05	48	47	-10	64	47	SW	2	3	SSE	3	0.60	3	3
Wick	29.62	-04	52	50	-5	60	43	W	2	3	S	2	0.79	0	0
Nairn	29.65	+10	55	51	-8	65	42	W	1	2	WNW	1	0.40	1	1
Aberdeen	29.67	+03	54	49	-3	61	48	NW	1	2	S	2	0.95	1	1
Leith	29.72	+05	56	53	-5	61	46	W	1	2	W	3	0.18	*	*
Shields	29.77	+03	53	50	-6	65	49	NW	3	3	SW	1	0.03	1	1
York	29.89	+06	56	51	-3	68	49	W	2	2	SW	0	0	*	*
Scarborough	29.77	00	58	54	0	67	49	WNW	3	3	SSW	4	0	3	3
Nottingham	29.85	+02	57	55	-1	71	47	SSW	2	3	SSW	1	0.37	*	*
Ardrossan	29.73	+11	56	52	-4	60	54	SW	2	5	W	5	0.04	2	2
Greencastle	29.74	+12	53	53	0	59	51	SW	3	4	NW	5	0.02	*	*
Donaghadee	29.75	+10	57	50	-7	61	46	W	3	4	NNW	5	0.43	2	2
Kingstown	29.84	+15	55	51	-6	64	52	W	3	4	WNW	3	0.13	2	2
Holyhead	29.83	+13	55	52	-5	63	51	WSW	3	4	NNW	2	0.95	2	2
Liverpool (Bidston Obs.)	29.82	+08	56	51	-5	66	52	W	3	5	WSW	3	0.32	3	3
Valencia	29.86	+11	59	55	+2	60	52	WSW	3	4	WNW	3	0.01	2	2
Roche's Point	29.84	+16	56	53	-1	69	52	NW	1	5	N	3	0	1	1
Pembroke	29.89	+12	58	53	-3	63	55	WNW	1	5	SW	4	0.28	2	2
Portishead	29.87	+04	60	58	0	67	48	WNW	2	6	WSW	4	0.87	2	2
Scilly	29.95	+10	59	56	-3	66	56	WNW	4	5	NNW	6	0.25	5	5
Plymouth	29.91	+05	56	55	-5	63	49	NW	1	3	SW	3	0.04	*	*
Hurst Castle	29.89	+02	60	57	-4	73	57	NW	3	4	WSW	3	0.06	3	3
Dover	29.82	-07	60	56	-4	67	57	NE	3	3	SW	4	0.01	2	2
London	29.85	-02	60	55	-2	73	57	NW	2	4	WSW	8	0.06	*	*
Oxford	29.86	00	56	54	-2	71	49	W	1	3	SW	6	0.06	*	*
Cambridge	29.84	-01	57	56	-3	72	50	NW	1	1	SSW	0	0.02	*	*
Yarmouth	29.81	-06	57	55	-4	67	53	NNW	3	4	S	1	0.04	3	3
Helder	29.74	-16	63	*	+8	*	*	SW	6	*	*	*	0	2	2
Cape Gris Nez	29.80	-11	60	58	+2	69	57	WSW	3	3	?	9	0	2	2
Brest	30.00	+05	58	56	-1	65	54	NNW	3	4	SW	2	0.08	3	3
L'Orient	29.95	+02	58	56	+1	72	56	NNW	4	4	WNW	1	0	2	2
Rochefort	29.99	+02	64	57	+3	?	58	NW	4	4	NW	5	0	3	3
Biarritz	30.02	+07	66	62	+2	73	64	SW	3	4	W	10	0	3	3
Corunna															
Brussels	29.82	-12	62	*	+5	*	*	SW	3	*	*	*	0	*	*
Charleville	29.86	-18	57	*	+5	*	*	NE	1	*	*	*	0	*	*
Paris	29.88	-08	62	*	+4	84	60	W	4	4	ESE	10	0	*	*
Lyons	?	?	68	*	+4	?	?	S	1	*	*	*	0	*	*
Toulon	30.10	+13	?	?	?	?	?	E	1	1	E	9	0	2	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.84	58	53	S	6	*	c	3	Valencia ...	29.84	59	53	SW	4	3	f	3
Thurso ...	29.54	56	55	WSW	1	9	2	2	Scilly ...	29.81	61	60	W	5	8	p	4
Scarborough...	29.69	66	61	SSW	3	10	0	2	London ...	29.80	69	61	WSW	3	10	c	*
Greencastle ...	29.67	59	55	NW	3	9	0	*	Rochefort...	29.95	78	66	NNW	3	10	f	3
Holyhead ...	29.63	60	59	WSW	3	10	2	2									

The barometer has risen somewhat in Ireland, where light N.E. winds are reported, but has fallen elsewhere. The sky has become clear at Valencia, but the weather is wet in Wales, and the W. of England.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

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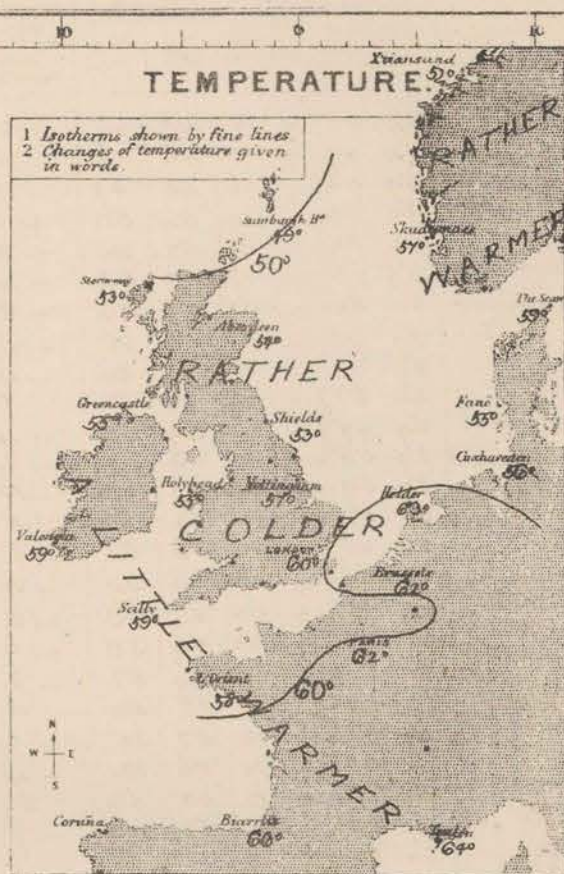
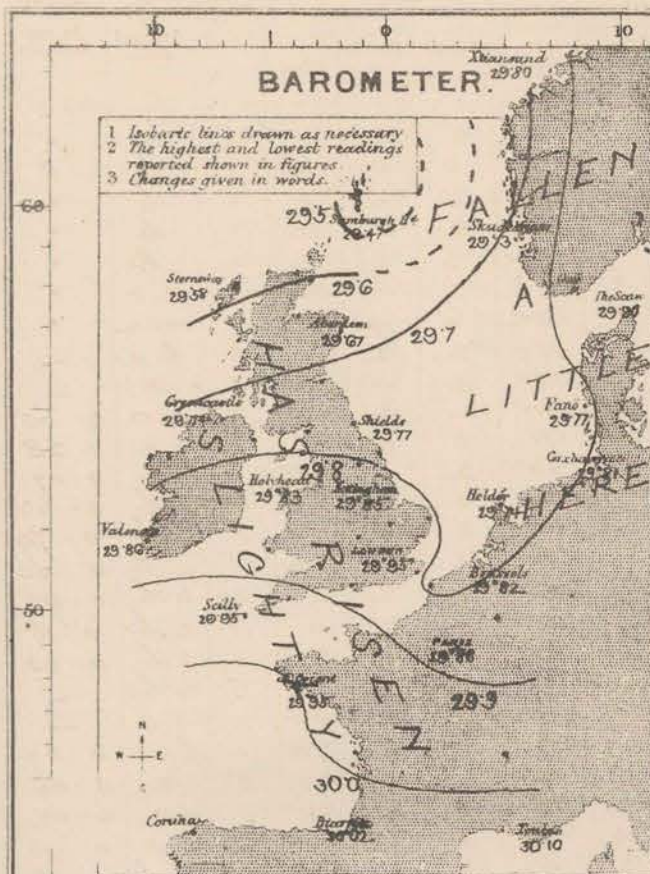
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

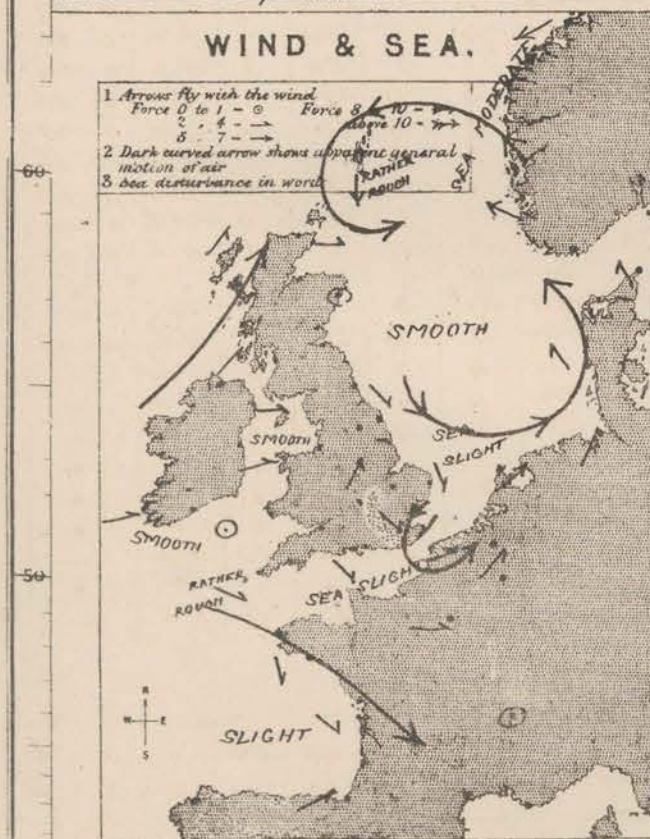
AND REMARKS FOR

FRIDAY 28<sup>TH</sup> AUGUST 1874 AT 8 A.M.



The two depressions noticed in the west and north yesterday, have both travelled to the E<sup>nd</sup> and now lie, one between Sumburgh H<sup>d</sup> and Norway, the other over the North Sea; while an additional but very small depression has appeared over the Straits of Dover. A recovery is now in progress over our islands. The highest readings lie over the Bay of Biscay, and the gentlest from Bristol to Russia is 0.23 in. per 50 miles.

Temperatures has decreased over Britain, most in the north, but none elsewhere. It is however uniform over our islands and the North Sea.



The wind continues light to moderate in force except in Norway and at the Helles, where it is rather strong. In our islands it is chiefly W<sup>nd</sup> as it blows into NW both on our east coast and in the west of France, while in Holland it is SW, in Denmark S, and in Norway SE to E.

The sea is smooth or nearly so in our coasts generally, though rather rough at Selly and Sumburgh H<sup>d</sup>.

Rain has fallen at almost all stations, heavily in Scotland and Wales. The sky is now moderately clear in most places, but rain still falls at Skudesnaes and Sumburgh H<sup>d</sup>.

Subscriptions for these Charts payable in advance to cover delivery.  
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Meteorological Office  
116, Victoria Str<sup>t</sup>. Westminster. S.W.  
ROBERT H. SCOTT, Director.

Deposited 1874, 20, Belford St. Court, Paris



Saturday 8 a.m.

# WEATHER REPORT. August. 29<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29.71	-.27	51	50	+4	*	*	NW	2	2	S	*	o	*	*
Hernösand ...	29.84	-.15	43	42	-5	*	*	Z	0	0	Z	*	bc	*	*
Stockholm ...	29.?	?	50	?	+2	*	*	E	2	2	NW	*	ob	*	*
Wisby ...	30.00	-.03	57	53	+3	*	*	S	4	2	NE	*	b	*	*
Christiansund ...	29.73	-.07	56	50	+4	*	*	Z	0	0	Z	*	b	*	0
Skudesnaes ...	29.67	-.06	53	53	-4	*	*	W	2	4	ESE	*	ro	*	3
Oxö (X'tiansand)	29.76	-.14	53	53	-3	*	*	W	4	6	ESE	*	rb	*	3
Skagen (The Skaw)	29.76	-.14	53	53	-4	*	*	WSW	2	4	SSE	*	ro	0.47	*
Fanö ...	29.81	+.04	62	57	+7	*	*	W	2	4	W	*	c	0.16	*
Cuxhaven ...	29.862	+.05	57	56	+1	64	?	WSW	2	3	SSW	2	rb	0.17	*
Sunburgh Head															
Stornoway (Hebrides)	29.448	-.14	53	57	0	58	49	SSE	3	5	SSE	?	pc	0.07	3
Thurso ...	29.524	-.07	53	53	+2	63	45	S	2	2	W	4	e	0.04	2
Wick ...	29.534	-.06	53	53	+7	61	50	S	2	3	S	3	b	-	1
Nairn ...	29.524	-.13	54	57	+2	64	50	Z	0	2	W	8	bo	-	1
Aberdeen ...	29.562	-.11	53	53	+1	62	49	S	1	1	NW	8	co	0.01	1
Leith ...	29.572	-.15	53	57	-3	67	49	S	1	2	SW	8	c	0.00	*
Shields ...	29.632	-.14	56	53	+3	62	52	SW	3	4	W	8	lg	-	1
York ...	29.692	-.20	53	52	-1	67	44	S	1	2	W	10	er	-	*
Scarborough ...	29.652	-.12	57	54	-1	63	57	SSW	3	3	WNW	7	c	-	2
Nottingham ...	29.702	-.15	56	54	-2	70	50	S	3	3	SSW	10	er	0.03	*
Ardrossan ...	29.532	-.20	53	52	-1	63	54	S	1	6	SSW	7	ct/p	0.22	1
Greencastle ...	29.562	-.18	52	50	-3	60	50	SW	2	6	S	15	oc	0.06	*
Donaghadee ...	29.542	-.21	52	57	+1	62	50	W	3	4	S	4	oc	0.08	2
Kingstown ...	29.622	-.22	53	49	-2	63	52	W	3	3	WSW	7	le	0.12	3
Holyhead ...	29.612	-.22	54	52	-1	63	52	W	3	4	SSW	4	re	0.47	2
Liverpool (Bidston Obs.)	29.622	-.20	52	57	-4	65	57	SSE	2	4	W	9	co	0.30	1
Valencia ...	29.682	-.18	55	52	-4	62	50	NW	4	4	NW	7	tl/p	0.52	4
Roche's Point...	29.692	-.15	54	57	-2	69	57	W	4	5	SW	13	fb	0.08	3
Pembroke ...	29.672	-.22	57	53	-1	62	57	WNW	6	8	SW	7	lg	0.31	6
Portishead ...	29.722	-.15	54	54	-6	69	52	W	3	5	W	10	eg	0.15	2
Scilly ...	29.802	-.15	58	53	-1	65	55	W	6	6	W	6	eg	0.27	6
Plymouth ...	29.782	-.13	56	56	0	66	54	SW	3	5	SW	10	cl/p	0.39	?
Hurst Castle ...	29.782	-.11	61	59	+1	72	58	W	6	6	W	6	bg	0.14	*
Dover ...	29.842	+.02	61	57	+1	67	53	SW	4	3	SW	3	bb	0.02	4
London ...	29.802	-.05	62	57	+2	71	50	SSW	2	2	W	9	cl/p	-	*
Oxford ...	29.742	-.12	57	55	+1	67	50	SW	2	2	SW	10	co	0.03	*
Cambridge ...	29.762	-.08	59	53	+2	68	48	SW	1	2	W	9	co	-	*
Yarmouth ...	29.812	+.00	57	53	+2	67	53	SW	3	3	SW	4	be	-	3
Helder ...	29.82	+.10	56	*	-7	*	*	S	4	*	*	*	*	*	2
Cape Gris Nez...	29.882	+.08	59	53	-1	68	57	W	3	4	WSW	4	e	0.08	2
Brest ...	29.962	-.04	66	58	+2	66	57	WSW	4	4	WSW	9	o	-	4
L'Orient ...	29.932	-.02	62	58	+4	69	56	WSW	5	5	WSW	13	e	-	4
Rochefort ...	30.072	+.08	62	57	-2	71	56	WSW	3	5	WNW	5	oc	0.08	3
Biarritz ...	30.122	+.10	65	61	-1	73	64	NW	4	3	SW	9	o	-	3
Corunna ...															
Brussels ...	29.91	+.09	59	*	-3	*	*	WNW	3	*	*	*	e	*	*
Charleville ...	29.96	+.10	50	*	-7	*	*	W	1	*	*	*	e	*	*
Paris ...	29.932	+.05	57	*	-5	72	53	NW	4	5	NW	6	e	-	*
Lyons ...	29.932	?	66	*	-3	*	*	N	1	*	*	*	o	*	*
Toulon ...	30.048	-.06	65	63	?	69	61	W	3	4	E	10	o	0.39	2

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

Stations.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Stations.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.70	57	54	ESE	4	*	2	Valencia ...	29.71	60	60	WSW	3	6	3
Thurso ...	29.62	59	53	ENE	1	4	2	Scilly ...	29.95	64	59	WSW	5	4	5
Scarborough ...	29.80	61	56	W	2	6	2	London ...	29.88	66	56	W	2	7	*
Greencastle ...	29.68	60	54	SW	5	9	*	Rocheport ...	30.04	70	63	NW	4	4	3
Holyhead ...	29.83	61	58	SSW	4	4	3								

The barometer is falling again in Ireland, little at Valencia. The wind has backed to the SW at all our W<sup>st</sup> stations, and freshened at Greencastle, with showers. The weather is in an unsettled state generally.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



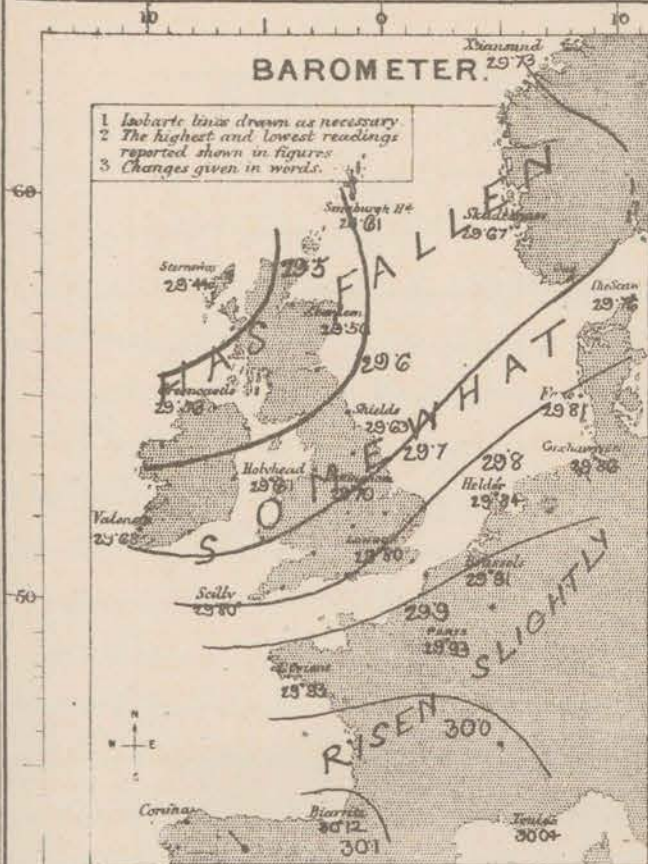
# WEATHER CHARTS

AND REMARKS FOR

SATURDAY 29<sup>TH</sup> AUGUST 1874 AT 8 A.M.

## BAROMETER.

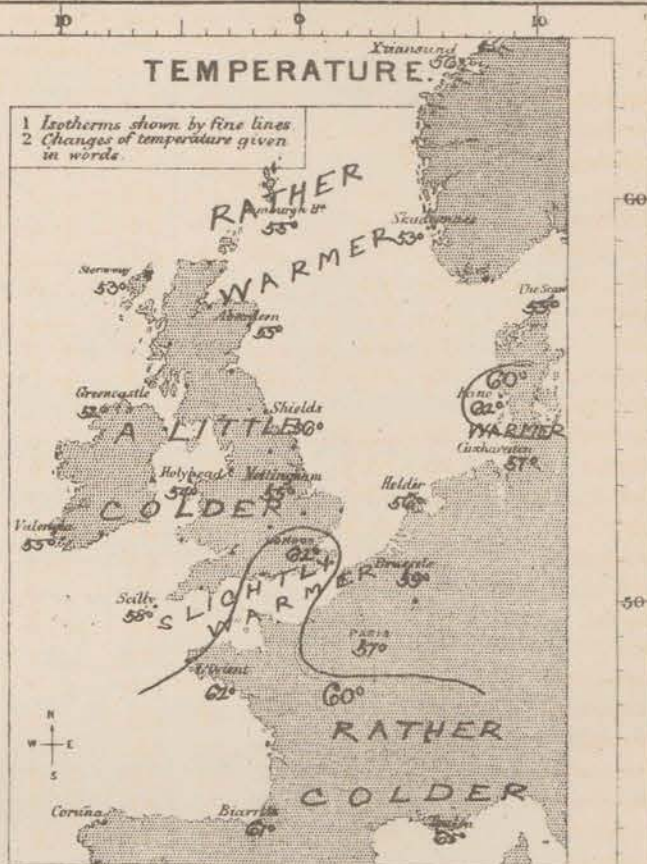
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The fall of the barometer which had commenced in the west yesterday afternoon has extended to all parts of our Islands, having been the north-west of France, but has not been very severe. The south-eastern portion of a large but shallow depression appears to be lying over the west and north-west of our Islands. The steepest gradients are over the Channel and south of England, the pressure at Pembroke being 29.7 in per 50 miles.

## TEMPERATURE.

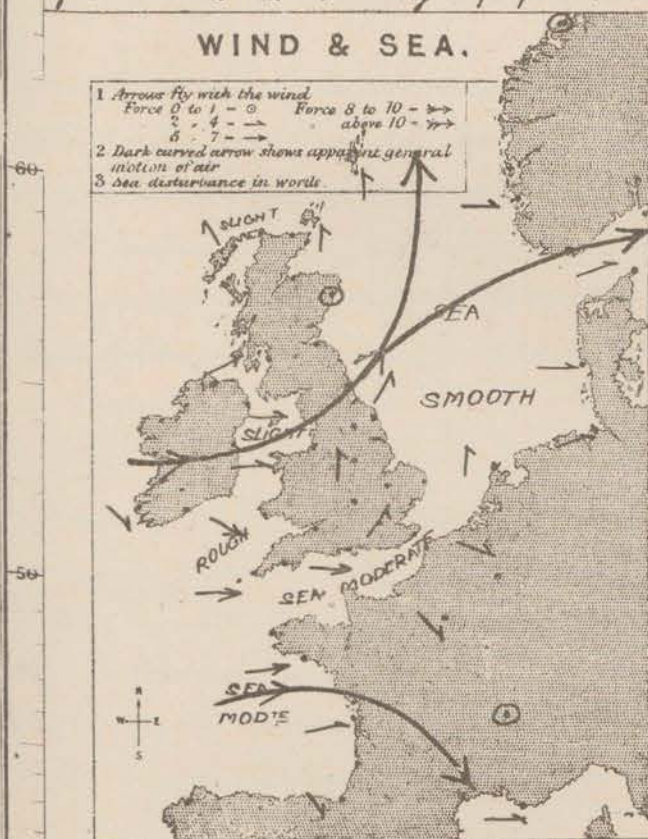
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen in most places, but in Denmark, the north-east of Scotland and south-east of England a slight rise has occurred.

## WIND & SEA.

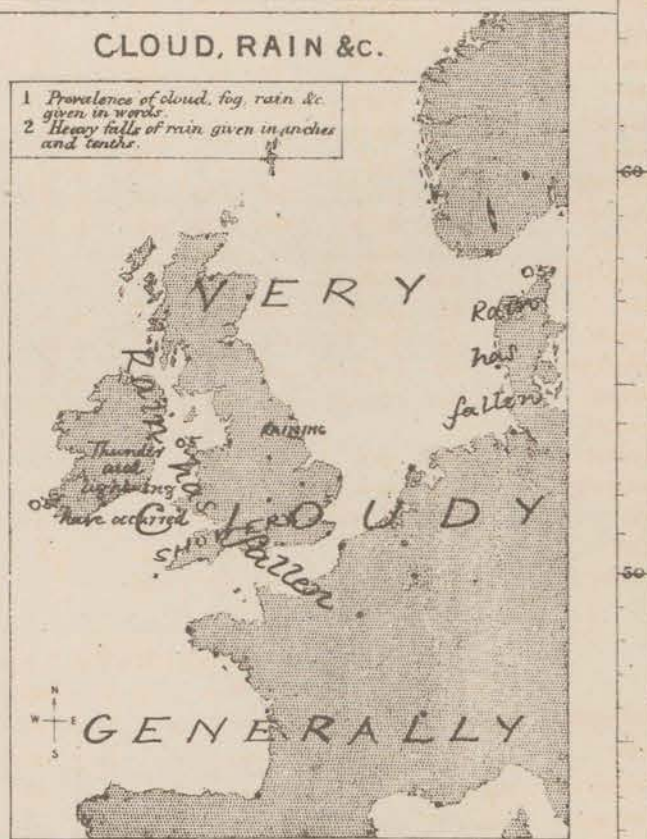
- 1 Arrows fly with the wind. Force 8 to 10 =  $\rightarrow$  above 10 =  $\rightarrow$ .
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



The wind freshened considerably from the S.W. at our western stations during last evening & night. It has now veered to W in that region and blows freely in the Bristol and English Channels, while light S.W. breezes are felt in the east of England and S.W. air in Scotland. At most of the Continental stations the wind is still W or N.W. The sea is rough at Pembroke and Seilly, moderate in the Channel, very smooth off our north-east coast.

## CLOUD, RAIN &c.

- 1 Prevailance of cloud, fog, rain &c. given in words.
- 2 Heavy falls of rain given in inches and tenths.



Rain has fallen generally in the west and south, accompanied by thunder and lightning at several of the western stations. The sky is very cloudy generally, with showers in the south.

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Dangerfield, Lith. London



# SUMMARY OF WEATHER IN WESTERN EUROPE

from AUGUST 23<sup>RD</sup> to AUGUST 29<sup>TH</sup> 1874.

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

During the first four days of this week the barometer, though falling slowly, continued highest over our Islands and very light N<sup>W</sup> to E<sup>N</sup> breezes were experienced, with strong N<sup>W</sup> winds on the E shores of the North Sea, but on the 27<sup>th</sup> a depression appeared off our NW coasts and travelled across the North Sea during the next two days, giving us N<sup>W</sup> or SW<sup>W</sup> winds on all coasts. Temperature has oscillated considerably but has been generally very uniform over W Europe. The sky was clear during the early part of the week but a good deal of rain has fallen lately with thunder and lightning at some stations.

AUG<sup>ST</sup> 23<sup>RD</sup> The decrease in atmospheric pressure noticed at the close of last week had continued over the whole of W Europe and had become rather brisk in the neighbourhood of the Skager. Bar<sup>o</sup> Readings over our Islands were very uniform but across the North Sea (from Shields to the Skaw) there was a gradient of 0.06 in. per 50 mls. Consequently very strong N<sup>W</sup> breezes prevailed on the E shores of the North Sea, while over St Britain and France light N<sup>W</sup> or NE<sup>E</sup> winds were reported. Temperature had fallen slightly at some of the N and W stations but was very little changed generally. The sky was nearly clear except in the N. but mist was reported from some places.

AUG<sup>ST</sup> 24<sup>TH</sup> A slight rise of the Barometer had taken place over Scandinavia while from all other stations a further fall was reported. The highest readings were still found over the E of England while the lowest lay over N Russia and the gradients across the North Sea continued about 0.06 in. per 50 miles. The winds were almost unchanged, fresh N<sup>W</sup> winds still holding over Norway and Denmark and moderate N<sup>W</sup> or NE<sup>E</sup> breezes being felt over our Islands and France. The thermometer was lower generally except in the SW. and had fallen to 57° on the grass in London during the night. The sky was very cloudy in the N. and hazy in the W. but clear elsewhere.

AUG<sup>ST</sup> 25<sup>TH</sup> A further fall of the Barometer was reported from all parts of W Europe. The decrease having been greatest in the S and E of England, the highest readings were found in the N. and N. of the British Isles. The gradients across the North Sea had been reduced and the N<sup>W</sup> winds <sup>which still existed</sup> there had moderated. Over St Britain and France the wind was extremely light and variable. Temperature was rather higher on our E and S coasts but was very little changed elsewhere. The sky was clear in the S. of Norway but very cloudy elsewhere and at 8 a.m. thunder was prevailing at Cambridge. During the day the barometer hardly changed.

AUG<sup>ST</sup> 26<sup>TH</sup> Pressure had again given way except in the S.E. of England but readings though highest in the SW. were extremely uniform over W Europe. Moderate N<sup>W</sup> winds were still felt on the E shores of the North Sea and light NE<sup>E</sup> breezes in France; while over our Islands the winds had fallen still lighter than on the previous day. Temperature was rather higher at our N stations and over the Netherlands, but had fallen elsewhere, and the sky was generally



cloudy with much fog in the Channel. During the day the mercury continued to fall but temperatures rose rapidly in the E. and S.

AUGUST 27<sup>TH</sup> — The general distribution of pressure had been entirely changed, the barometer had fallen rapidly in the N. and NW. and the lowest readings lay to the N<sup>W</sup> of Scotland, while there were some indications of a second shallow disturbance lying over Ireland. The gradient from Stornoway to Paris was, however, only 0.005 in. per 50 miles. Light or moderate breezes were now general; blowing from the SE<sup>W</sup> over France, from the E<sup>W</sup> on the coast of Norway and from the S<sup>W</sup> or SSW<sup>W</sup> over the greater part of our Islands; in the S. of Ireland, however, a moderate N<sup>E</sup> breeze had sprung up. Temperature had risen a little except in the N. and NW., where rain was falling and the sky continued cloudy generally.

AUGUST 28<sup>TH</sup> — Both the depressions noticed above had travelled in an E<sup>W</sup> direction and at 8 am. the larger one lay off the coast of Norway while the smaller one had apparently reached the SE. of England. A recovery of pressure had consequently taken place in the N. which had extended during the night to nearly all stations. The Barometer was highest in the SW. and the gradient from Brest to Shureo was 0.034 in. per 50 miles. The wind was rather strong from the N<sup>W</sup> on the coast of Norway, and from the SE<sup>W</sup> at the Helder, while light to moderate N<sup>W</sup> winds were felt over our Islands drawing into NW. over the Bay of Biscay. Temperature was rather lower over St Britain but had risen on the Continent. Rain had fallen at most stations but the sky was clear generally at 8 am. By two p.m. the Barometer was again falling in the N. and the wind freshened considerably at some stations in the evening.

AUGUST 29<sup>TH</sup> — The fall noticed in the N. on the previous day had extended to all but the SE<sup>W</sup> stations and a large shallow depression appeared to be advancing over the N. and NW. of our Islands. The steepest gradients were, however, found in the S. that from Brest to Pembroke being 0.07 in. per 50 miles. Moderate breezes were experienced in the N. where the wind had veered to N. but on most other coasts light SW<sup>W</sup> to N<sup>W</sup> winds were experienced. Temperature had fallen generally but in Denmark and the N. of Scotland a slight rise was reported. Rain, thunder and lightning had occurred in the N. The sky was very cloudy, and during the day rain was very general. In the afternoon a slight recovery set in over Ireland. —



Sun-day 8 a.m.

## WEATHER REPORT.

August 30<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.75	+0.04	46	43	-5	*	*	NE	6	2	N	*	bc	*	*
Hernösand ...	29.68	-0.16	53	50	+10	*	*	ENE	4	0	Z	*	bc	*	*
Stockholm ...	29.73	?	56	54	+6	*	*	SSW	2	2	SSW	*	co	*	*
Wisby ...	29.88	-0.12	57	56	0	*	*	S	2	2	S	*	co	*	*
Christiansund ...	29.73	0.00	52	50	-4	*	*	Z	0	0	Z	*	bc	*	1
Skudesnaes ...	29.65	-0.02	53	52	+2	*	*	NE	4	2	S	*	bc	*	2
Oxö (X'tiansand) ...	29.67	-0.03	54	52	-1	*	*	NE	4	2	SW	*	bo	*	2
Skagen (The Skaw) ...	29.70	-0.06	59	58	+4	*	*	SE	2	2	W	*	bc	-	*
Fanö ...	29.72	-0.09	57	53	-5	*	*	W	4	2	S	*	c	0.39	*
Cuxhaven ...	29.79	-0.07	57	55	0	63	?	WSW	5	2	SW	5	c	0.02	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.54	+0.10	54	52	+1	58	41	SSE	5	5	SSE	3	cb	-	5
Thurso ...															
Wick ...	29.60	+0.07	55	54	0	58	42	SW	1	3	S	4	co	0.11	0
Nairn ...	29.60	+0.08	54	50	0	59	41	NNN	1	2	NNN	4	etc	0.14	
Aberdeen ...	29.65	+0.09	54	49	-1	59	42	S	1	1	S	0	cb	0.09	1
Leith ...	29.70	+0.13	55	54	+2	60	40	NNN	1	2	NN	8	pc	0.26	*
Shields ...	29.74	+0.11	53	51	-3	60	46	SSW	2	3	WSW	8	cr	0.06	1
York ...	29.81	+0.12	56	53	+1	66	44	SW	1	3	W	8	co	0.08	*
Scarborough ...	29.79	+0.14	55	53	-2	59	48	SSW	2	2	W	10	ctd	0.03	2
Nottingham ...	29.84	+0.14	59	55	+4	63	46	SSW	4	4	SW	7	ptc	0.15	*
Ardrossan ...	29.65	+0.12	56	53	+1	62	49	SSW	3	4	SSW	8	co	0.06	3
Greencastle ...	29.62	+0.06	57	55	+5	58	50	SSW	3	4	SW	9	o	0.14	*
Donaghadee ...	29.67	+0.13	57	55	+5	61	47	S	5	5	S	8	c	0.11	3
Kingstown ...	29.73	+0.11	57	54	+4	61	53	SW	3	4	WSW	5	ptc	0.17	2
Holyhead ...	29.76	+0.15	57	55	+3	61	53	SW	4	3	WSW	2	pb	0.02	3
Liverpool (Bidston Obs.) ...	29.76	+0.14	60	54	+8	60	57	SW	2	5	W	2	cb	0.05	2
Valencia ...	29.60	-0.08	60	58	+5	60	53	SSW	5	5	SSW	9	r	0.26	4
Roche's Point ...	29.73	+0.04	56	55	+2	65	55	SSW	5	4	W	8	cph	0.10	4
Pembroke ...	29.81	+0.14	60	56	+3	60	53	W	3	6	W	3	co	-	3
Portishead ...	29.87	+0.15	57	55	+3	65	57	WSW	4	6	WSW	10	gw	0.17	2
Scilly ...	29.86	+0.06	61	60	+3	62	56	SSW	5	6	W	5	p	-	6
Plymouth ...	29.89	+0.11	60	59	+4	66	55	SSW	3	5	SW	1	pb	0.02	*
Hurst Castle ...	29.93	+0.15	62	59	+1	70	54	W	5	6	W	10	go	0.12	4
Dover ...	29.94	+0.10	60	56	-1	63	52	SW	3	5	SW	3	cgb	0.26	3
London ...	29.91	+0.11	62	57	0	67	48	WSW	2	4	SW	9	p	0.10	*
Oxford ...	29.89	+0.15	56	54	-1	64	49	SW	1	4	W	10	cro	0.22	*
Cambridge ...	29.88	+0.12	53	53	-4	64	47	SW	1	2	SW	10	tfo	0.15	*
Yarmouth ...	29.90	+0.09	59	55	0	64	48	WSW	3	4	SSW	4	pc	0.14	3
Helder ...															
Cape Gris Nez ...	29.93	+0.05	60	55	+1	65	57	W	3	7	WSW	5	c	0.04	3
Brest ...	29.98	+0.02	60	60	0	64	56	SEN	4	5	W	10	o	-	4
L'Orient ...	29.99	+0.06	62	60	0	71	60	SW	3	7	WSW	9	co	-	3
Rochefort ...	30.10	+0.03	63	59	+1	71	59	SSE	4	7	WSW	10	co	-	3
Biarritz ...	30.06	-0.06	57	55	-8	72	54	E	4	4	?	6	of	-	5
Corunna ...	30.07	-	66	*	-	*	*	S	9	*	*	*	c	*	5
Brussels ...	30.00	+0.09	55	*	-4	*	*	WSW	6	*	*	*	o	*	*
Charleville ...	30.04	+0.08	54	*	-4	*	*	SSW	3	*	*	*	c	*	*
Paris ...	30.08	+0.15	58	*	+1	71	57	S	1	?	?	5	f	-	*
Lyons ...	?	?	63	*	-2	*	*	E	1	*	*	*	b	*	*
Toulon ...	30.12	+0.08	62	57	-3	75	59	W	3	5	W	?	o	-	?

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		
Skudesnaes ...	29.73	59	54	S	4	*	6	2	Valencia ...	29.77	59	54	wnw	4	4	p	4
Thurso ...	29.50	56	53	S	1	8	pg	2	Scilly ...	29.89	61	56	w	6	5	p	6
Scarborough...	29.61	56	54	w	1	7	c	1	London ...	29.74	64	57	w	3	6	pc	*
Greencastle ...	29.58	58	53	sw	4	8	o	*	Rochefort...	30.06	73	61	nw	7	5	c	3
Holyhead ...	29.67	59	54	nsw	3	3	6	3									

A recovery of pressure has commenced in the W, but elsewhere the barometer has again fallen. The winds show very little change, and the weather continues showery in the S.W.

## EXPLANATION OF COLUMNS.

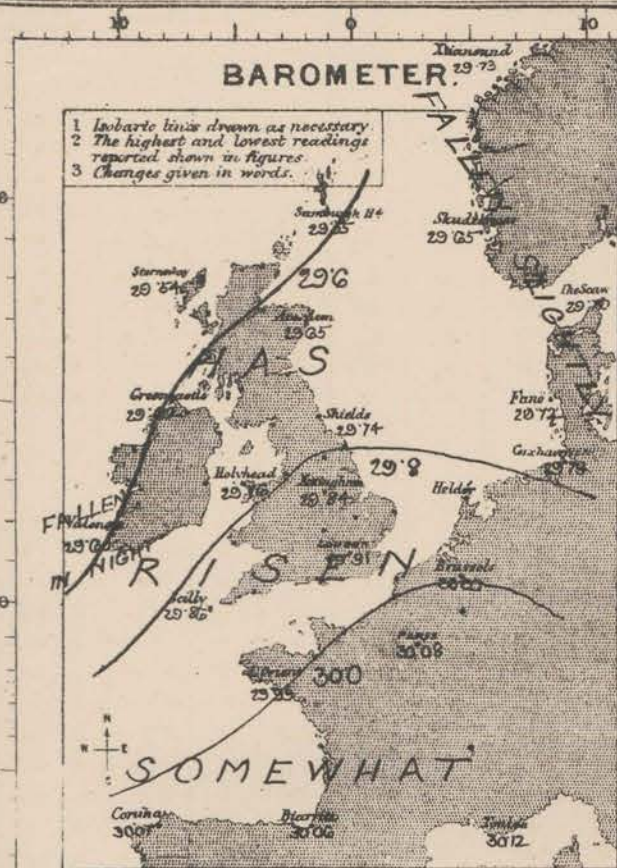
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. 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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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



# WEATHER CHARTS AND REMARKS FOR SUNDAY 30<sup>TH</sup> AUGUST 1874 AT 8 A.M.





Mon- day 8 a.m.

# WEATHER REPORT.

Aug. 31<sup>st</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.86		44	42		*	*	NNE	2	2	N	*	o	*	*
Hernösand ...	29.86		48	45		*	*	S	2	4	NE	*	o	*	*
Stockholm ...	29.77		51	51		*	*	NNE	2	1	E	*	or	*	*
Wisby ...	29.89		57	55		*	*	N	4	2	NY	*	c	*	*
Christiansund ...	29.73		51	50		*	*	E	2	2	NNE	*	bo	*	1
Skudesnaes ...	29.68		55	50		*	*	ESE	6	2	S	*	ro	*	4
Oxö (X'tiansand) ...	29.80		53	50		*	*	NE	2	4	SW	*	bo	*	2
Skagen (The Skaw) ...	29.85		59	58		*	*	S	4	2	NSW	*	c	0.08	*
Fanö ...	29.82		54	54		*	*	NSW	2	2	NNN	*	ab	0.04	*
Cuxhaven ...	29.88 f	+ 0.9	?	?	?	?	50	SW	2	3	NSW	9	o	—	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.00 f	- 2.4	52	52	-2	56	44	SW	2	6	SSE	1	pb	0.41	3
Thurso ...	29.33 f	?	55	53	?	64	42	S	2	4	SSE	6	co	0.30	2
Wick ...	29.33 f	- 2.7	50	50	-7	60	50	N	1	4	SEN	10	or	0.18	0
Nairn ...	29.36 f	- 2.4	55	53	+1	61	51	SW	1	1	NNN	6	o	0.28	1
Aberdeen ...	29.38 f	- 2.7	56	51	+1	60	52	NSW	1	3	S	0	ab	0.09	1
Leith ...	29.46 f	- 2.4	56	53	0	63	50	SW	1	1	SSE	6	o	0.37	*
Shields ...	29.53 f	- 2.1	56	54	+2	62	52	N	2	2	S	8	or	0.13	1
York ...	29.66 f	- 1.5	58	56	+2	62	54	SSW	1	1	SW	10	or	0.08	*
Scarborough ...	29.62 f	- 1.7	59	57	+4	64	55	SSW	3	2	SSW	10	co	0.07	2
Nottingham ...	29.69 f	- 1.5	63	59	+4	71	58	SSW	7	7	SSE	9	bu	0.03	*
Ardrossan ...	29.46 f	- 1.9	56	51	0	60	54	SW	5	5	SW	5	co	0.42	4
Greencastle ...	29.45 f	- 1.7	55	52	-2	57	52	SW	5	6	S	2	gb	0.13	*
Donaghadee ...	29.47 f	- 2.0	54	53	-3	60	51	SSW	5	6	SSW	5	ro	0.84	3
Kingstown ...	29.59 f	- 1.4	57	53	0	62	55	SW	2	4	SSE	7	ro	0.35	2
Holyhead ...	29.60 f	- 1.6	57	55	0	64	53	SSW	4	4	SW	6	rm	0.50	3
Liverpool (Bidston Obs.) ...	29.62 f	- 1.4	57	54	-3	67	54	SSW	2	5	SSW	5	o	0.11	3
Valencia ...	29.59 f	- 2.1	57	55	-3	63	52	NSW	3	5	SSW	6	rg	0.62	3
Roche's Point ...	29.60 f	- 1.3	55	54	-1	64	54	NSW	4	6	SSW	7	fo	0.48	4
Pembroke ...	29.68 f	- 1.3	59	58	-1	64	54	N	5	6	SSW	10	o	0.19	5
Portishead ...	29.75 f	- 1.2	60	57	+3	72	53	SW	3	6	NSW	8	go	0.01	2
Scilly ...	29.67 f	- 1.9	62	60	+1	65	58	SW	6	6	S	6	oam	0.05	6
Plymouth ...	29.81 f	- 0.8	61	60	+1	66	58	SSW	4	4	SSW	1	rb	0.13	*
Hurst Castle ...	29.85 f	- 0.8	63	60	+1	71	59	N	6	6	NSW	1	rb	0.09	5
Dover ...	29.84 f	- 1.0	64	60	+4	64	59	NSW	4	5	NSW	3	b	0.02	4
London ...	29.80 f	- 1.1	64	59	+2	73	59	NSW	4	5	SW	3	cpb	0.01	*
Oxford ...	29.78 f	- 1.1	61	58	+5	70	56	SW	3	4	SW	8	o	0.05	*
Cambridge ...	29.74 f	- 1.4	62	58	+7	72	55	SW	2	2	SW	7	o	0.01	*
Yarmouth ...	29.76 f	- 1.4	63	60	+4	67	59	NSW	4	4	SW	6	o	—	4
Helder ...	29.78		59	*	*	*	*	SSW	6	*	*	*	*	*	2
Cape Gris Nez ...	29.84 f		61	59	67	57	NSW	8	4	NSW	10	or	0.04	6	
Brest ...	29.95 f		60	58	63	58	SSW	4	5	S	10	ro	0.04	4	
L'Orient ...	30.13 f		63	61	69	59	NSW	4	7	SW	6	ro	0.20	5	
Rocheport ...	30.12 f		65	61	?	61	?	?	4	4	SW	7	so	—	3
Biarritz ...	30.16 f		64	59	75	44	N	3	3	NN	3	cf	—	5	
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.90		64	*	*	*	*	NSW	3	*	*	*	o	*	*
Charleville ...	30.04		59	*	*	*	*	S	3	*	*	*	o	*	*
Paris ...	30.01 f		62	*	71	59	S	5	5	SW	10	co	—	*	*
Lyons ...	?		63	*	*	*	*	L	0	*	*	*	b	*	*
Toulon ...	30.17 f		68	57	75	62	NSW	4	5	NSW	2	cb	—	3	

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

Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...				*			Valencia ...						
Thurso ...							Scilly ...						
Scarborough ...							London ...						*
Greencastle ...						*	Rocheport ...						
Holyhead ...													

## EXPLANATION OF COLUMNS.

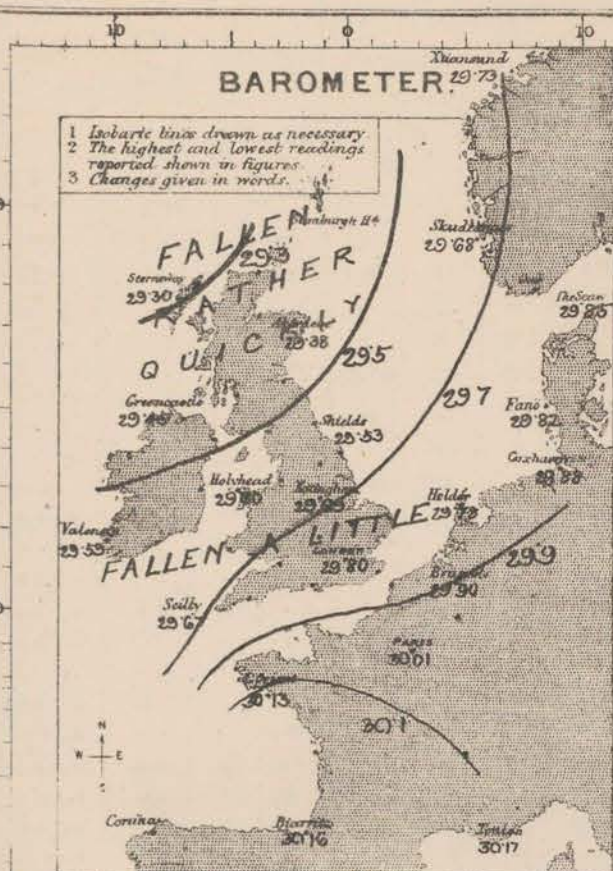
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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. wet, dew.

\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

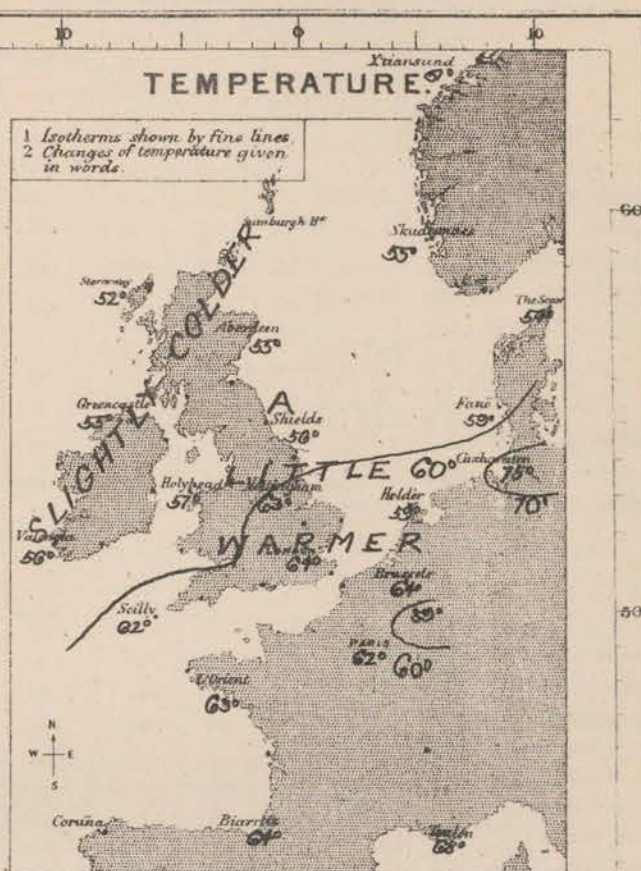
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



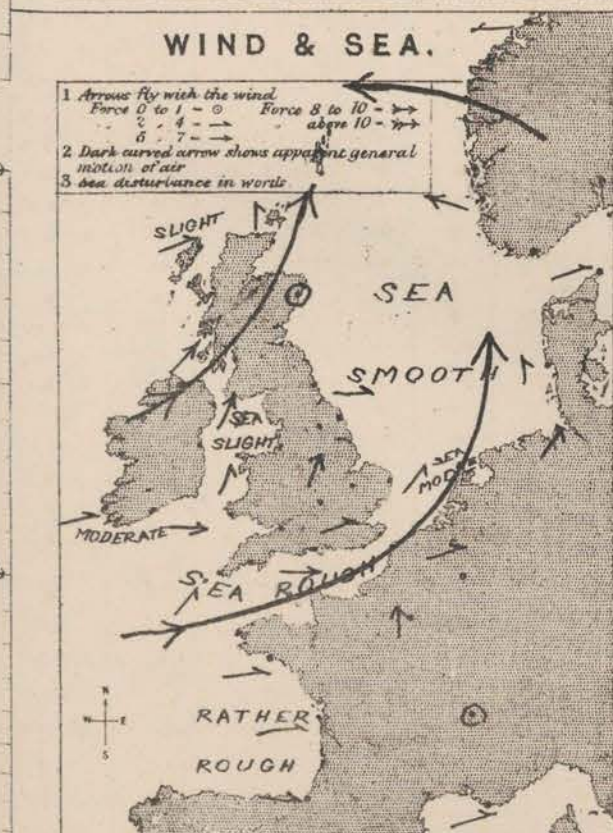
# WEATHER CHARTS AND REMARKS FOR MONDAY 31<sup>ST</sup> AUGUST 1874 AT 8 A.M.



The fall in the barometer which had commenced in the south of Ireland yesterday morning, has since extended to all parts of the United Kingdom. The highest readings now lie over the south of France, and the gradient from Paris to Stirling is 0.055 in per 50 miles.



Temperature has not changed very much. The tendency has been to increase in the south-east, and decrease elsewhere.



Small freezes are general over the United Kingdom and France and are moderate to fresh in force, while in the west of Norway moderate E. breezes are reported.

The sea is rough in the Channel, moderate to smooth elsewhere.



Some rain has fallen generally. The sky is still very cloudy except in the south-east.

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

Meteorological Office  
116, Victoria Str<sup>et</sup>, Westminster, S.W.  
ROBERT H. SCOTT, Director.



## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR AUGUST 1874

## 1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
		At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
				Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
1 <sup>st</sup>	Lumburgh H.	29.37f	-.25	53	50	-2	59	50	W	5	7	WSW	7	bg	0.32	5
"	Corunna	30.42	+37	69	*	0	*	*	N	3	*	*	*	b	*	1
2 <sup>nd</sup>	Lumburgh H.	29.14f	-.23	52	52	+1	57	48	SW	6	7	NW	9	+	0.13	5
3 <sup>rd</sup>	Lumburgh H.	29.48f	+34	47	44	-7	57	46	N	6	7	W	6	p	0.13	5
"	Corunna	30.11	-	66	*	-	*	*	NE	3	*	*	*	o	*	1
4 <sup>th</sup>	Lumburgh H.	29.67f	+19	53	48	+6	57	45	WNW	?	6	WNW	7.5	gc	-	2
5 <sup>th</sup>	Corunna	30.21	+03	66	*	+5	*	*	SE	1	*	*	*	c	*	1
"	Charleville	29.91	-10	63	*	+8	*	*	W	3	*	*	*	c	*	*
"	Toulon	29.57f	-.39	66	59	-6	84	65	NW	5	5	NW	4	cf	-	4
6 <sup>th</sup>	Lumburgh H.	29.36f	-.11	49	48	-2	52	37	N	7	4	SSW	10	ro	0.28	6
"	Corunna	30.22	+01	65	*	-1	*	*	W	3	*	*	*	c	*	?
7 <sup>th</sup>	Corunna	30.04	-.18	67	*	+1	*	*	NW	?	*	*	*	of	*	1
11 <sup>th</sup>	L'Orient	?	?	58	56	-1	68	?	WNW	4	7	WNW	6	c	-	4
12 <sup>th</sup>	Corunna	30.20	+01	67	*	0	*	*	NE	1	*	*	*	b	*	1
13 <sup>th</sup>	Lumburgh H.	29.46f	+09	52	53	-1	58	50	NNE	3	3	ENE	9	mo	0.13	3
"	L'Orient	?	?	61	57	+2	69	?	SW	4	4	WSW	8	o	-	4
14 <sup>th</sup>	Corunna	30.11	?	66	*	?	*	*	NW	1	*	*	*	b	*	5
"	Toulon	30.00f	-.04	63	59	-5	77	61	NE	3	1	SE	9	fo	-	3
15 <sup>th</sup>	Cushaven	29.79f	+15	60	58	-4	?	54	SW	4	4	SW	6	c	-	*
"	Liverpool	29.88f	+60	52	50	0	60	53	WSW	5	8	W	8	co	-	5
16 <sup>th</sup>	Cushaven	30.10f	+31	60	59	0	?	55	SW	2	3	WSW	6	c	-	*
17 <sup>th</sup>	Haparanda	29.87	+14	60	56	-1	*	*	S	1	2	SW	*	ob	*	*
"	Hernösand	29.85	+14	61	56	+6	*	*	SW	4	2	S	*	b	*	*
"	Stockholm	30.00	+11	63	59	+3	*	*	SSW	2	4	SW	*	c	*	*
"	Wistby	30.18	+09	63	58	+3	*	*	SW	2	2	SW	*	b	*	*
"	Christiansund	29.69	+06	57	53	+1	*	*	ESE	2	2	NNE	*	c	*	?
"	Skudesnes	29.80	+04	58	54	-1	*	*	SSW	6	6	S	*	o	*	?
"	Örö	29.86	00	57	55	-2	*	*	SW	2	4	SSW	*	oc	*	3
"	Cushaven	30.06f	-.04	62	59	+2	?	52	SW	1	2	SW	4	c	-	*
"	L'Orient	?	?	58	56	+3	69	53	Z	0	3	WSW	5	bc	-	2
"	Corunna	30.28	+19	69	*	-3	*	*	?	?	*	*	*	b	*	1
18 <sup>th</sup>	Cushaven	30.20f	+16	61	58	-1	?	55	NNW	1	2	W	6	c	-	*
19 <sup>th</sup>	Corunna	30.13	-.08	67	*	0	*	*	NNE	?	*	*	*	b	*	1
20 <sup>th</sup>	Corunna	30.01	-.12	72	*	+5	*	*	NE	1	*	*	*	b	*	1
21 <sup>st</sup>	Corunna	30.06	+05	72	*	0	*	*	Z	0	*	*	*	b	*	1
22 <sup>nd</sup>	Corunna	30.08	+02	74	*	+2	*	*	?	1	*	*	*	b	*	1
24 <sup>th</sup>	Corunna	?	?	66	*	-11	*	*	NW	1	*	*	*	c	*	1
25 <sup>th</sup>	Corunna	30.09	?	66	*	0	*	*	N	1	*	*	*	c	*	1
26 <sup>th</sup>	Corunna	30.13	+04	67	*	+1	*	*	NE	3	*	*	*	o	*	1
27 <sup>th</sup>	Lumburgh H.	29.61f	-.33	55	55	+3	57	52	S	5	4	S	10	o	-	3
"	Corunna	30.01	-.12	?	*	?	*	*	SE	3	*	*	*	b	*	1
28 <sup>th</sup>	Corunna	30.10	+09	50	*	?	*	*	NW	?	*	*	*	c	*	1
29 <sup>th</sup>	Lumburgh H.	29.61f	+14	55	53	+6	58	48	S	4	4	WNW	5	c	-	4
30 <sup>th</sup>	Lumburgh H.	29.55f	-.06	53	52	-2	59	49	WNW	3	4	SE	6	tp	0.62	4
"	Thurso	29.47f	-.05	57	52	+2	62	44	SSW	2	2	SSW	2	b	0.06	2
31 <sup>st</sup>	Haparanda	-	+11	-	-	-2	-	-	-	-	-	-	-	-	-	-
"	Hernösand	-	+18	-	-	-5	-	-	-	-	-	-	-	-	-	-
"	Stockholm	-	+04	-	-	-5	-	-	-	-	-	-	-	-	-	-
"	Wistby	-	+01	-	-	+2	-	-	-	-	-	-	-	-	-	-
"	Christiansund	-	00	-	-	-1	-	-	-	-	-	-	-	-	-	-
"	Skudesnes	-	+03	-	-	0	-	-	-	-	-	-	-	-	-	-
"	Örö	-	+13	-	-	-1	-	-	-	-	-	-	-	-	-	-
"	Skagen	-	+15	-	-	0	-	-	-	-	-	-	-	-	-	-
"	Tanis	-	+10	-	-	-3	-	-	-	-	-	-	-	-	-	-
"	Lumburgh H.	29.31f	-.24	52	52	-1	57	50	SSW	4	3	W	10	clr	0.52	5
"	Thurso	-	-.14	-	-	-2	-	-	-	-	-	-	-	-	-	-
"	C.bris neg	-	-.09	-	-	+1	-	-	-	-	-	-	-	-	-	-
"	Brest	-	-.03	-	-	0	-	-	-	-	-	-	-	-	-	-



1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY. (continued)

[illegible]