

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.



Sunday 8 a.m.

# WEATHER REPORT. Nov<sup>r</sup> 1<sup>st</sup> 1874.

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	29.53	-42	47	41	+5	*	*	WNW	6	2	SW	*	0	*	*
Stockholm	29.45	-75	46	44	+6	*	*	WSW	6	6	SW	*	0	*	*
Wisby	30.10	-31	46	44	+2	*	*	NW	6	4	SW	*	bc	*	*
Christiansund						*	*					*		*	*
Skudesnaes	30.20	-22	49	46	+3	*	*	W	4	6	W	*	0	*	3
Oxö (X'tiansand)	30.12	-23	47	43	+8	*	*	WSW	4	4	WSW	*	c	*	3
Skagen (The Skaw)	30.14	-23	49	47	+9	*	*	WNW	6	4	WNW	*	c	*	*
Fanö	30.31	-12	41	41	0	*	*	SW	2	0	Z	*	bc	*	*
Cuxhaven	30.32	-07	43	42	-7	55	?	S	1	2	ESE	9	0	*	*
Sumburgh Head	30.14	-11	49	49	-1	51	46	?	?	?	W	8	0	*	4
Stornoway (Hebrides)	30.23	-14	46	45	+1	49	42	W	1	2	SW	10	9	*	2
Thurso	30.24	-15	47	44	+3	50	41	SSW	1	1	WSW	9	0	*	1
Wick	30.24	-18	44	41	+2	50	39	Z	0	1	W	10	0	*	0
Nairn	30.29	-13	35	33	-5	49	31	Z	0	1	SW	0	6	*	1
Aberdeen	30.28	-14	33	31	+1	44	29	SW	1	1	SW	0	6	*	1
Leith	30.33	-15	39	39	-2	46	32	E	2	3	NE	10	0	*	*
Shields	30.31	-14	49	48	+4	49	44	SE	3	3	NNE	9	0	*	3
York	30.31	-?	48	45	+1	53	46	S	1	1	NNE	8	0	*	*
Scarborough	30.29	-13	49	47	0	51	47	ESE	1	3	ENE	2	0	0.02	3
Nottingham	30.28	-09	47	45	-3	55	45	NE	2	4	NE	10	9	*	*
Ardrossan	30.28	-19	38	36	-1	46	26	NE	3	3	NE	7	9	*	1
Greencastle	30.28	-17	44	42	0	45	41	NNE	1	2	ENE	10	9	*	*
Donaghadee	30.24	-19	49	47	+2	49	45	ENE	4	4	ENE	9	0	*	2
Kingstown	30.21	-20	51	48	+1	53	50	ESE	3	4	NE	8	9	*	3
Holyhead	30.19	-17	45	45	-3	52	45	ENE	2	4	ENE	3	0	*	2
Liverpool (Bidston Obs.)	30.23	-13	45	43	-1	52	44	E	2	3	NE	0	0	*	1
Valencia	30.10	-19	46	44	0	55	45	E	3	3	NE	4	0	*	3
Roche's Point	30.10	-22	50	50	+3	56	45	ENE	3	4	ENE	10	0	0.12	3
Pembroke	30.13	-17	49	47	+3	53	45	E	6	6	E	6	0	*	3
Portishead	30.18	-08	48	47	-3	53	44	NE	4	6	NE	10	9	*	3
Scilly	30.03	-18	53	53	+1	53	50	ENE	5	6	ENE	7	0	*	4
Plymouth	30.08	-11	52	50	0	53	47	E	4	5	E	10	0	0.57	*
Hurst Castle	30.16	-06	52	51	0	62	49	E	5	5	E	10	0	*	3
Dover	30.22	-04	46	45	-6	54	45	E	3	3	E	10	0	*	2
London	30.21	-07	50	48	-2	53	43	E	3	2	E	10	0	*	*
Oxford	30.23	-06	47	46	-4	53	44	E	2	2	E	10	0	*	*
Cambridge	30.27	-05	47	45	-5	57	42	ENE	1	1	E	10	0	*	*
Yarmouth	30.29	-03	49	47	-3	52	47	ESE	3	4	E	10	0	*	3
Helder						*	*					*		*	*
Cape Gris Nez	30.20	-04	41	40	-7	48	40	E	3	4	E	0	0	*	2
Brest	30.02	-13	54	50	+4	59	48	ESE	4	4	ESE	10	0	*	3
L'Orient	29.95	-14	52	52	+3	58	47	E	4	4	ESE	10	0	*	3
Rochefort	30.95	-06	55	53	+3	66	50	SE	5	4	SE	10	0	*	3
Biarritz	29.99	-09	64	57	+13	64	51	S	5	4	S	10	0	*	4
Corunna						*	*					*		*	*
Brussels	30.23	-07	43	*	-3	*	*	NE	1	*	*	*	8	*	*
Charleville	30.21	-06	39	*	-1	*	*	W	3	*	*	*	0	*	*
Paris	30.20	-03	41	*	-7	59	41	E	4	4	E	0	0	*	*
Lyons	?	?	50	*	-2	*	*	Z	0	*	*	*	8	*	*
Toulon	30.26	+07	54	50	-1	62	53	E	3	1	S	7	0	*	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	30.33	49	46	W	4	*	0	3	Valencia ...	30.30	51	47	E	3	2	b
Thurso ...	30.34	49	47	SSW	1	9	0	1	Scilly ...	30.14	55	52	ENE	5	7	c
Scarborough...	30.36	50	49	ENE	3	10	0	3	London ...	30.26	52	49	E	2	10	ow
Greencastle ...	30.40	45	43	Z	0	10	9	*	Rochefort...	30.11	66	57	E	3	4	c
Holyhead ...	30.32	57	49	ENE	2	6	ow	3								

Pressure is decreasing everywhere excepting Rochefort, where the fall noticed this morning has ceased, and the wind has backed to E. At Valencia the wind is veering with clear weather, but in the N and E the sky is overcast.

## 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.



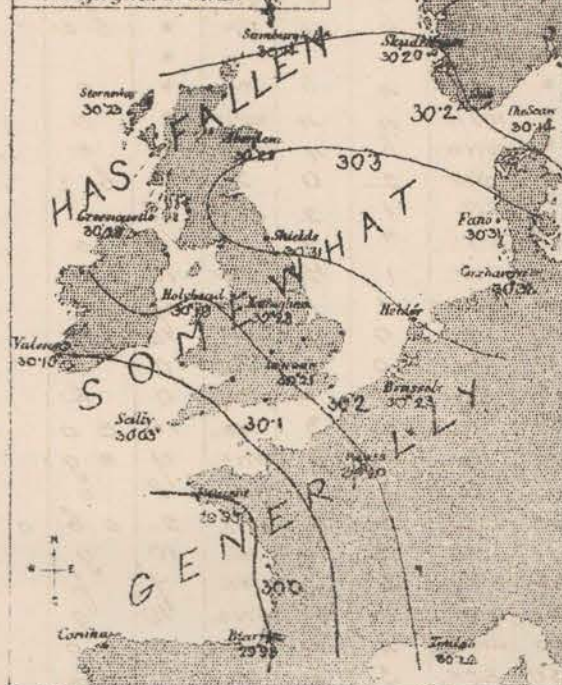
# WEATHER CHARTS

AND REMARKS FOR

SUNDAY 1<sup>ST</sup> NOVEMBER 1874 AT 8 A.M.

## BAROMETER.

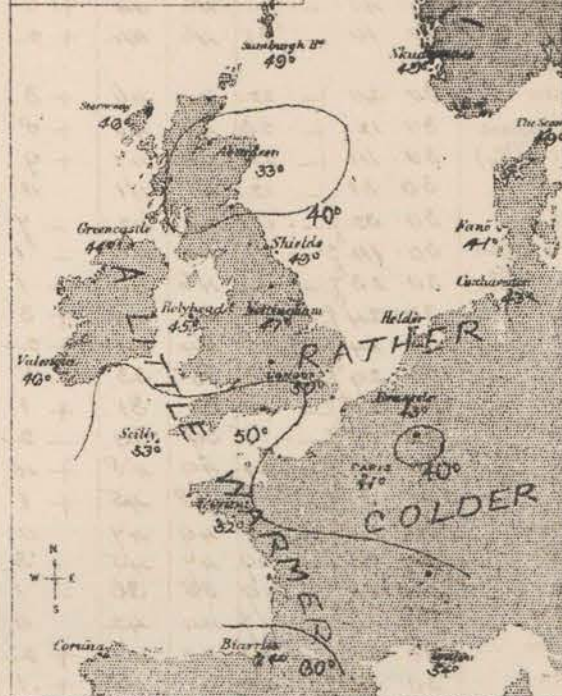
- 1 Isobars line drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past twenty-four hours the barometer has fallen somewhat over nearly the whole of Western Europe, the change having been least marked over France. At London even a rise is reported. The region of highest pressure now lies over the North Sea and while the gradient from Shields to Dublin is 0.04 in. per 50 miles for E. winds that from Copenhagen to the Pacific 0.035 in. for N. winds.

## TEMPERATURE.

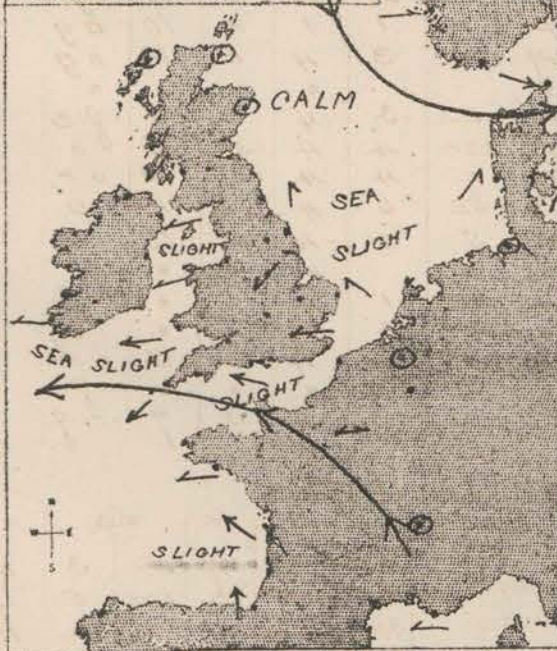
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen slightly in the north east of our Islands and in France, but a rise is reported from most other districts.

## WIND & SEA.

- 1 Arrows for 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.



S<sup>W</sup> or SE<sup>W</sup> breezes still prevail in the south west of France, decreasing round to E in the south of our Islands and north of France. Calms or light S<sup>W</sup> winds prevail in Scotland, and moderate N<sup>W</sup> breezes in the south of France.

The sea is slight generally.

## CLOUD, RAIN &C.

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



Thunder and lightning were observed at Plymouth last evening, and lightning at Great Gable. The sky is clear in the north west of England and in some parts of Scotland, but cloudy or overcast elsewhere with fog in the south of France.

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

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

ROBERT H. SCOTT, Director.

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



Mon-day 8 a.m.

# WEATHER REPORT.

Nov: 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.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...						*	*					*		*	*
Hernösand ...	30.15	+ .62	31	28	-16	*	*	NN	2	4	NN	*	b	*	*
Stockholm ...	30.18	+ .73	32	28	-14	*	*	NNN	2	6	NNN	*	b	*	*
Wisby ...	30.21	+ .11	42	37	-4	*	*	N	4	4	N	*	ab	*	*
Christiansund...						*	*					*		*	
Skudesnaes ...	30.23	+ .03	48	48	-1	*	*	NNE	2	4	NNN	*	20	*	2
Oxö (X'tiansand)	30.21	+ .09	41	40	-6	*	*	NN	2	4	NNN	*	b	*	1
Skagen (The Skaw)	30.21	+ .07	49	48	0	*	*	NNN	2	8	NNN	*	b	-	*
Fanö ...	30.29	- .02	46	44	+5	*	*	SE	2	2	NN	*	o	-	*
Cuxhaven ...	30.28f	- .04	42	41	-1	55	?	S	2	2	S	7	o	-	*
Sunburgh Head	30.12f	- .02	48	48	-1	51	46	SSN	3	7	NNE	10	go	-	3
Stornoway (Hebrides)	30.06f	- .17	43	41	-3	48	37	NSN	1	2	NSN	10	g	-	2
Thurso...	30.13f	- .11	44	43	-3	51	40	SSE	2	2	S	9	og	-	1
Wick ...	30.12f	- .12	47	46	+3	50	40	S	2	2	S	10	om	-	0
Nairn ...	30.11f	- .18	38	37	+3	47	32	Z	0	0	Z	6	be	-	0
Aberdeen ...	30.12f	- .16	47	46	+14	47	32	SSE	3	3	SSE	9	bo	0.14	2
Leith ...	30.09f	- .24	47	46	+8	49	38	SE	3	3	E	10	or	0.01	*
Shields...	30.05f	- .26	48	47	-1	50	47	S	3	3	S	9	or	0.04	2
York ...	30.14f	- .17	47	47	-1	52	46	SSE	1	1	S	10	od	0.07	*
Scarborough ...	30.16f	- .13	48	47	-1	50	48	SSE	5	1	ESE	10	at	0.03	5
Nottingham ...	30.13f	- .15	47	47	0	52	46	ESE	3	4	E	10	or	0.15	*
Ardrossan ...	30.05f	- .23	45	44	+7	46	38	NE	2	3	NE	8	f	0.02	1
Greencastle ...	30.04f	- .24	47	46	+3	47	43	E	3	3	E	10	gd	0.09	*
Donaghadee ...	30.00f	- .24	49	49	0	52	47	ESE	4	5	ESE	10	or	0.21	2
Kingstown ...	29.93f	- .28	52	51	+1	54	50	ENE	3	3	E	10	am	0.15	3
Holyhead ...	29.93f	- .26	50	49	+5	55	45	ENE	1	6	ENE	7	rgg	0.37	2
Liverpool (Bilston Obs.)	30.00f	- .23	47	46	+2	49	45	ESE	4	4	ESE	10	at	0.10	2
Valencia ...	29.93f	- .17	49	48	+3	54	45	N	4	3	E	9	or	0.08	4
Roche's Point...	29.76f	- .34	51	51	+1	54	47	NN	4	5	E	10	r	1.38	4
Pembroke ...	29.86f	- .27	56	53	+7	57	48	SSE	8	8	SSE	9	aw	?	6
Portishead ...	30.02f	- .16	52	51	+4	52	46	SSE	3	7	NNE	10	ow	0.03	2
Scilly ...	29.95f	- .08	52	51	-1	57	50	NSN	5	6	ENE	7	ow	0.52	5
Plymouth ...	29.98f	- .08	54	53	-1	58	50	S	4	6	E	10	dg	0.49	*
Hurst Castle ...	30.07f	- .09	55	55	+3	65	48	SE	2	6	E	10	rg	0.10	?
Dover ...	30.16f	- .06	47	46	+1	48	44	E	3	3	E	10	of	-	2
London ...	30.11f	- .10	47	46	-3	50	45	SE	2	3	E	10	od	-	*
Oxford...	30.09	- .14	48	47	+1	50	47	S	1	3	E	10	gm	0.13	*
Cambridge ...	30.20f	- .07	48	48	+1	50	46	ESE	1	1	E	10	gr	0.02	*
Yarmouth ...	30.20f	- .09	48	47	-1	50	47	SE	4	4	ESE	10	g	-	4
Helder...	30.27	- .38	*	*	*	*	*	E	4	*	*	*	*	*	2
Cape Gris Nez...	30.12f	- .08	40	40	-1	46	39	E	1	3	E	8	f	-	1
Brest ...	30.04f	+ .02	56	54	+2	59	54	NSN	3	5	SE	5	ro	0.12	4
L'Orient ...	30.02f	+ .07	55	55	+3	61	51	SN	1	5	SE	6	fo	-	2
Rochefort ...	30.11f	+ .06	55	53	0	65	53	SSE	4	5	SSE	0	ob	-	3
Biarritz ...	30.06f	+ .07	64	64	0	68	60	S	4	5	S	6	of	-	2
Corunna ...						*	*				*	*	*	*	
Brussels ...	30.22	- .01	37	*	-6	*	*	ENE	3	*	*	*	o	*	*
Charleville ...	30.23	+ .02	37	*	-2	*	*	?	3	*	*	*	b	*	*
Paris ...	30.16f	- .04	43	*	+2	50	41	E	3	4	NNE	0	b	-	*
Lyons ...	?	?	48	*	-2	*	*	S	1	*	*	*	b	*	*
Toulon...	30.21f	- .05	55	50	+1	62	53	E	4	3	E	5	f	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	30.18	50	43	NNN	6	*	0	3	Valencia ...						
Thurso ...									Scilly ...						
Scarborough...									London ...						*
Greencastle ...								*	Rochefort...	30.00	65	58	4SE	4	10
Holyhead ...															0

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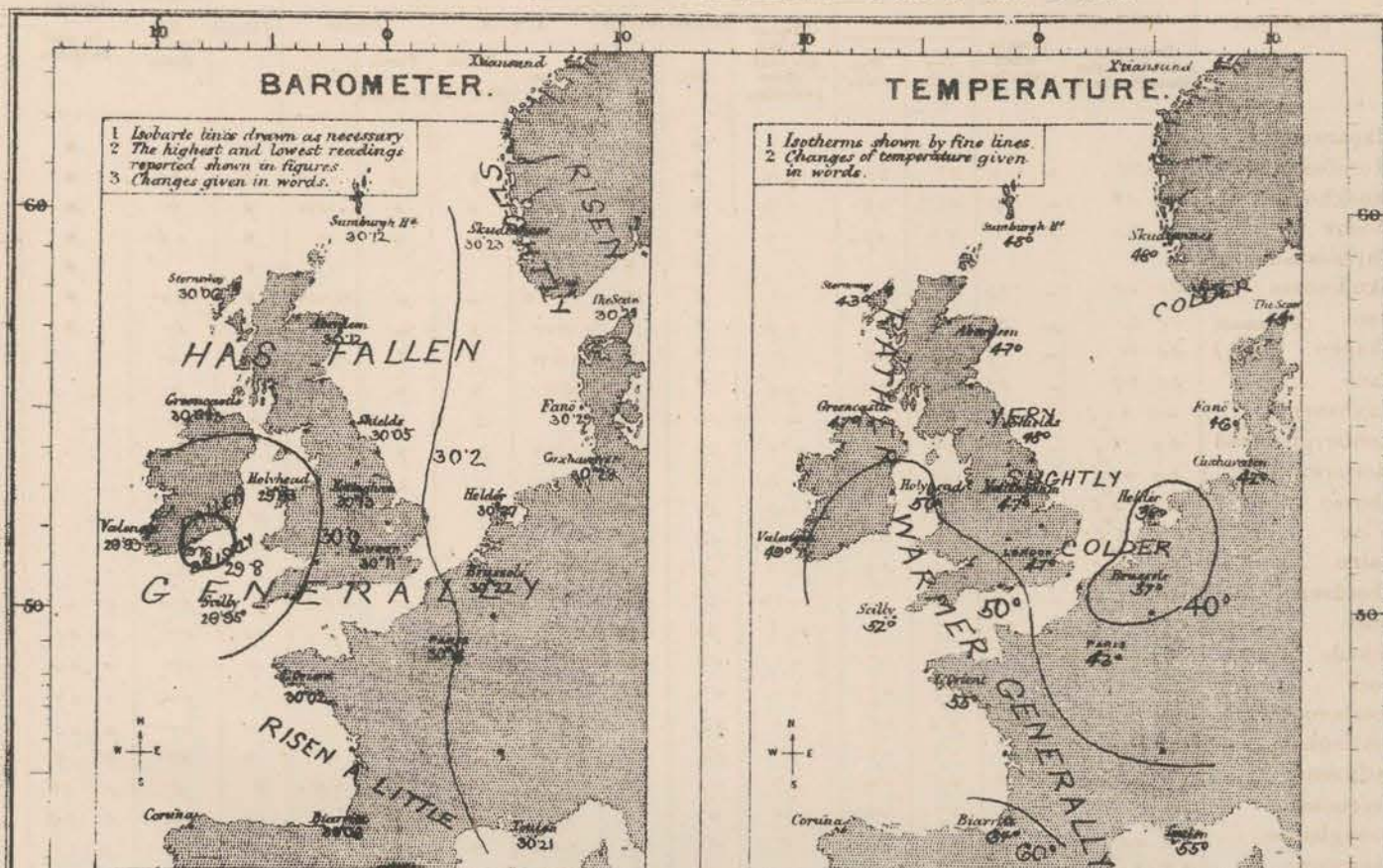
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

AND REMARKS FOR

MONDAY 2<sup>ND</sup> NOVEMBER 1874 AT 8 A.M.





Tues-day 8 a.m.

# WEATHER REPORT.

Nov: 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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)					Dirce.
Haparanda	30.21		23	23	*	*	SE	4	2	N	*	bc	*	*	
Hernösand	30.17	+ .02	37	33	+6	*	*	SSW	4	0	Z	*	bc	*	*
Stockholm	30.27	+ .09	35	33	+3	*	*	S	1	0	Z	*	bc	*	*
Wisby	30.35	+ .14	36	35	-6	*	*	SE	2	2	N	*	bc	*	*
Christiansund						*	*					*		*	
Skudesnaes	29.93	- .30	49	49	+1	*	*	S	8	6	S	*	r	*	7
Oxö (X'tiansand)	30.12	- .09	46	44	+5	*	*	S	4	6	NE	*	ro	*	3
Skagen (The Skaw)	30.18	- .03	46	42	-3	*	*	SW	2	2	SW	*	o	-	*
Fanö	30.17	- .12	37	36	-9	*	*	S	4	4	S	*	o	-	*
Cuxhaven															
Sumburgh Head	29.70f	- .42	47	47	-1	51	43	SSW	6	6	SE	10	ro	0.16	5
Stornoway (Hebrides)	29.60f	- .46	48	48	+5	48	42	SW	6	6	SW	10	gr	0.15	6
Thurso	29.72f	- .41	44	42	0	47	37	S	2	2	SSE	9	g	0.07	1
Wick	29.70f	- .42	47	46	0	48	40	SW	2	4	S	10	st	0.10	2
Nairn	29.78f	- .33	47	44	+9	47	32	SW	1	1	SW	6	spo	0.04	1
Aberdeen	29.80f	- .32	48	47	+1	49	46	SSW	1	3	SSE	7	ro	0.17	2
Leith	29.91f	- .18	48	46	+1	52	44	N	3	3	SE	5	ro	0.33	*
Shields	29.96f	- .09	52	50	+4	52	42	N	2	4	SSE	8	og	-	2
York	?	?	49	49	+2	52	46	SSW	1	1	SE	10	g	-	*
Scarborough	30.01f	- .15	49	48	+1	50	46	NSW	2	5	SSE	9	go	0.06	2
Nottingham	30.10r	- .03	45	44	-2	54	41	SSW	1	3	SE	7	gf	0.04	*
Ardrossan	30.91f	- .14	49	46	+4	53	45	SW	3	3	SW	6	fc	0.17	3
Greencastle	29.88f	- .16	47	46	0	48	43	SW	4	4	SW	10	mg	0.07	*
Donaghadee	29.94r	- .06	43	43	-6	53	41	SSE	4	4	SSE	7	oc	0.04	2
Kingstown	30.06r	+ .13	48	45	-4	56	47	SSE	1	3	SE	6	dc	0.07	1
Holyhead	30.06r	+ .08	48	47	-2	55	48	SW	2	6	S	4	ro	0.05	2
Liverpool (Bidston Obs.)	30.05r	+ .05	49	48	+2	52	47	NSW	2	5	ESE	9	o	0.01	1
Valencia	30.09r	+ .16	51	44	+2	54	45	SW	3	4	N	7	o	-	3
Roche's Point	30.08r	+ .32	46	45	-5	53	43	N	1	5	NNW	6	oc	0.08	2
Pembroke	30.12r	+ .26	52	49	-4	56	51	NNW	1	3	SSE	6	oc	0.01	2
Portishead	30.11r	+ .09	49	48	-3	61	44	S	1	4	SSE	10	mo	-	1
Scilly	30.15r	+ .21	50	49	-2	53	49	Z	0	5	NSW	4	e	-	2
Plymouth	30.15r	+ .17	44	44	-10	56	42	NE	1	4	S	5	af	-	*
Hurst Castle	30.15r	+ .08	47	46	-8	58	44	NNW	1	2	NSW	5	ro	-	1
Dover	30.15r	- .01	50	49	+3	55	45	Z	0	3	E	4	fbc	-	1
London	30.12r	+ .01	47	46	0	55	45	SSW	1	2	E	10	obf	-	*
Oxford	30.11	+ .02	42	41	-6	55	37	S	1	1	S	0	cb	0.01	*
Cambridge	30.12f	- .08	44	43	-4	53	42	SSW	1	1	ESE	1	gb	-	*
Yarmouth	30.11f	- .09	49	49	+1	50	47	N	2	4	SE	10	gf	-	3
Helder	30.12	- .15	36	*	-2	*	*	SSE	2	*	*	*	*	*	2
Cape Gris Nez	30.12r	- .00	53	51	+13	56	39	SSW	1	1	S	7	bf	-	1
Brest	30.14r	+ .10	52	50	-4	59	49	NE	4	4	NE	10	o	-	3
L'Orient	30.075	+ .05	56	54	+1	60	53	ENE	4	4	ENE	7	o	-	2
Rochefort	30.09f	- .02	55	53	0	70	52	E	4	4	SSE	0	cb	-	3
Biarritz	30.05f	- .01	61	57	-3	65	57	S	4	4	S	5	o	-	3
Coranna						*	*					*		*	
Brussels	30.15	- .07	43	*	+6	*	*	SSW	?	*	*	*	o	*	*
Charleville	30.25	+ .02	37	*	0	*	*	N	3	*	*	*	o	*	*
Paris	30.18r	+ .02	44	*	+1	56	43	SE	3	3	E	10	cm	-	*
Lyons	?	?	52	*	+4	*	*	E	3	*	*	*	f	*	*
Toulon	30.22f	+ .01	55	51	0	64	54	E	4	4	E	3	f	-	3

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

	Bar.	Dry.	Wet.	Wind.	G.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	G.	Wea.	Sea.		
Skudesnaes ...	30.16	49	46	S	4	*	5	3	Valencia ...	30.00	52	49	N	4	3	6	4
Thurso ...	29.98	47	46	SSE	1	10	d	1	Scilly ...	30.04	54	52	NSW	5	6	c	5
Scarborough...	30.07	50	49	SSE	5	10	g	5	London ...	30.08	53	51	E	2	8	dom	*
Greencastle ...	29.94	48	48	NNE	2	10	m	*	Rochefort...	30.08	69	65	SSE	4	4	c	3
Holyhead ...	29.92	54	52	S	5	7	g	3									

Pressure continues to decrease at all but our SW stations; where a recovery has now set in. The wind at Holy head has veered to S and freshened, while that at Green-castle has backed to NNE.; elsewhere there has been little 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.



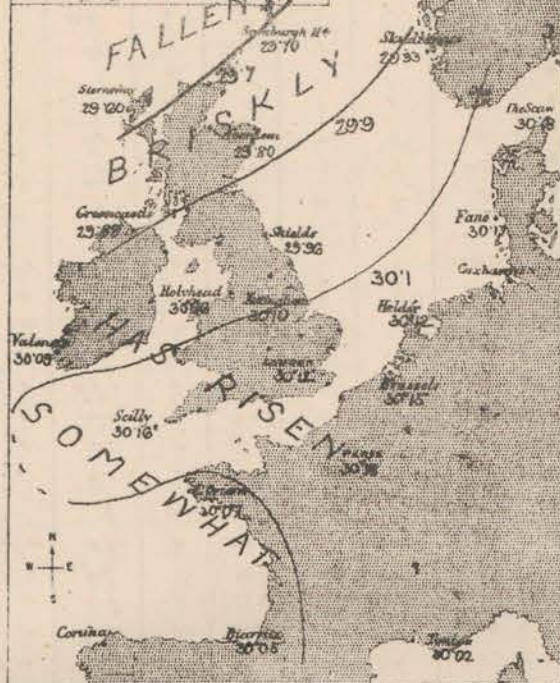
# WEATHER CHARTS

AND REMARKS FOR

TUESDAY 3<sup>RD</sup> NOVEMBER 1874 AT 8 A.M.

## BAROMETER.

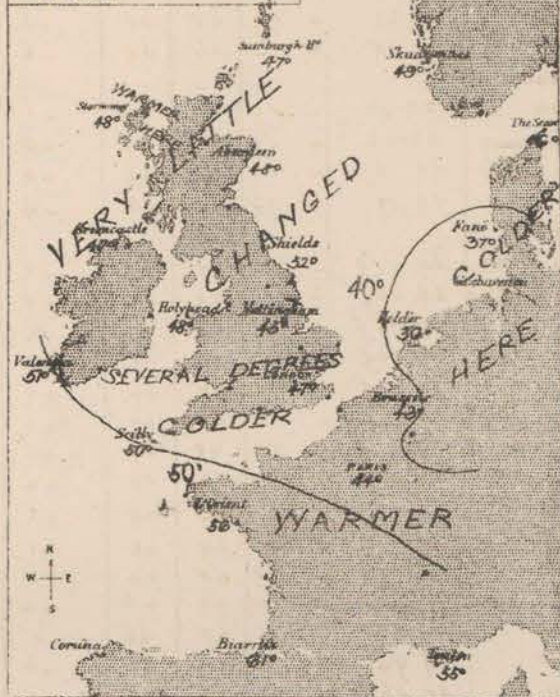
- 1 Isobars have been drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



Since yesterday the barometer has risen somewhat at all the northern stations, while it has fallen fast in the north. There appears to be a depression to the NW. of our Islands travelling NE., while a second (smaller one) lies over the Bay of Biscay. The highest readings lie over the south of England, France and Denmark. The gradient from London to Leith is only 0.005 in, while that from Leith to Stornoway is 0.10 in per 50 miles.

## TEMPERATURE.

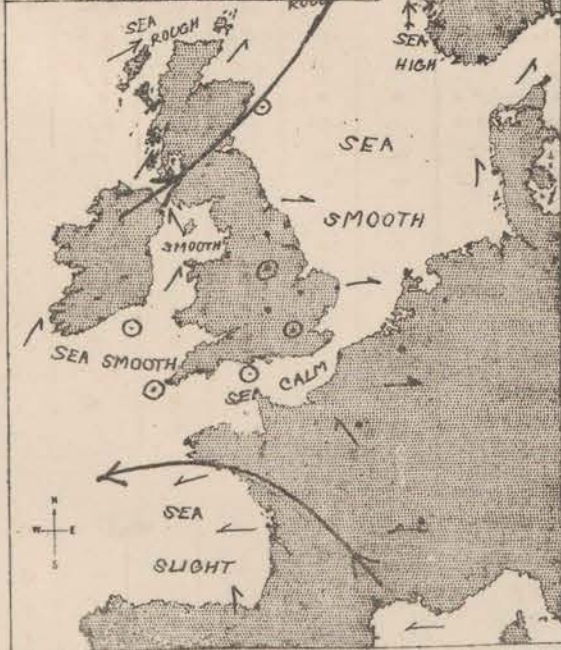
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has fallen very considerably in the south of England and in a less degree over Denmark and the Netherlands - where the weather is now coldest - but has risen a little at our northern and the French stations.

## 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 approximate general motion of air
- 3 Sea disturbance in words



SW winds now prevail at all our northern stations, drawing into S in Norway. Though generally light in Scotland they are strong at Stornoway and Humber. At Leith the force of a gale is felt. On the west of France the wind is moderate from the E., while calms prevail over England. The sea is smooth except in the far north.

## 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 on all our northern and western coasts and continues in the north of Scotland. The sky is much clearer in England than of late, but fogs prevail in the south and south east.

Subscriptions for these Charts payable in advance to cover delivery.  
Delivery by hand 10/- per quarter  
Post 3/- per quarter.

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

ROBERT H. SCOTT, Director.

Deverfield, Jan. 22 Bedford St. Covent Garden



Wednesday 8 a.m.

# WEATHER REPORT.

Nov. 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 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. Direc.	Force. (0 to 12.)	Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.			Force. (0 to 12.)	Direc.				
Haparanda ...	29.44	+ .77	40	40	+ 17	*	*	SW	4	6	SE	*	r	*	*
Hernösand ...	29.47	- .70	41	40	+ 4	*	*	S	4	8	S	*	s	*	*
Stockholm ...	29.76	- .51	42	41	+ 7	*	*	SSW	4	4	SSW	*	of	*	*
Wisby ...	29.95	- .40	45	44	+ 9	*	*	SW	4	4	S	*	s	*	*
Christiansund...						*	*					*		*	
Skudesnaes ...	29.87	- .06	48	44	- 1	*	*	N	4	8	S	*	ro	*	4
Oxö (X'tiansand)	29.84	- .28	50	47	+ 4	*	*	NSW	4	6	SSW	*	ofc	*	4
Skagen (The Skaw)	29.88	- .30	49	48	+ 3	*	*	NSW	4	4	SW	*	o	0.04	*
Fanö ...	30.02	- .15	53	51	+ 16	*	*	NSW	4	4	NSW	*	bo	-	*
Cuxhaven ...	30.12r	- .05	48	48	+ 3	?	34	NSW	2	2	SSW	9	af	-	*
Sumburgh Head	29.70r	+ .03	46	46	- 1	50	44	N	3	8	N	5	oo	0.04	2
Stornoway (Hebrides.)	29.67f	+ .07	51	50	+ 3	52	43	S	3	7	NSW	10	od	0.07	4
Thurso...	29.78r	+ .06	45	43	+ 1	55	43	S	1	6	NSW	8	co	0.03	1
Wick ...	29.78r	+ .08	48	46	+ 1	53	40	SW	2	3	S	10	ao	0.04	2
Nairn ...	29.80r	+ .02	47	46	0	55	43	W	0	3	SW	10	ad	0.08	1
Aberdeen ...	29.84r	+ .04	47	46	- 1	53	45	SSW	1	6	SSW	9	go	0.05	2
Leith ...	29.91r	+ .00	55	54	+ 7	57	47	N	3	5	NSW	10	po	0.05	*
Shields...	30.00r	+ .04	54	52	+ 2	54	50	SW	2	4	SW	9	og	-	2
York ...	30.12r	?	52	51	+ 3	55	48	SSW	1	1	SW	8	o	0.06	*
Scarborough ...	30.08r	+ .07	51	51	+ 2	52	49	NSW	2	3	NSW	10	at	0.09	2
Nottingham ...	30.16r	+ .06	48	47	+ 3	58	44	SSW	3	3	SSW	4	cm	-	*
Ardrossan ...	29.94r	+ .03	54	53	+ 5	54	49	SW	4	4	SW	9	ro	0.07	3
Greencastle ...	29.90r	+ .02	51	51	+ 4	51	46	SSW	3	4	SW	10	dq	0.28	*
Donaghadee ...	29.97r	+ .03	51	51	+ 8	53	43	S	3	4	S	10	om	0.19	2
Kingstown ...	30.05r	- .01	53	51	+ 5	56	47	N	1	5	N	6	ro	-	1
Holyhead ...	30.06r	+ .00	54	53	+ 6	55	48	SSW	3	5	SW	7	dgu	0.01	2
Liverpool (Bidston Obs.)	30.08r	+ .03	53	50	+ 4	54	48	NSW	2	4	SW	8	co	-	2
Valencia ...	30.02f	- .07	53	51	+ 2	57	50	SSW	4	4	SW	7	c	-	4
Roche's Point...	30.07s	- .01	52	51	+ 6	54	46	SW	3	4	NSW	8	o	-	3
Pembroke ...	30.14r	+ .02	53	51	+ 1	55	51	SSW	2	3	SW	7	c	-	2
Portishead ...	30.17r	+ .06	44	43	- 5	58	41	S	1	3	NSW	4	am	-	1
Scilly ...	30.14f	- .02	53	53	+ 3	54	47	SE	4	4	SE	9	ao	-	2
Plymouth ...	30.18r	+ .03	43	43	- 1	55	39	NE	1	2	NN	10	wf	-	*
Hurst Castle ...	30.22r	+ .07	45	45	- 2	57	42	NE	1	2	NNN	10	bf	-	1
Dover ...	30.21r	+ .06	47	46	- 3	55	45	SW	1	1	NSW	3	b	-	1
London ...	30.20r	+ .08	43	42	- 4	51	38	SW	1	2	SW	3	mty	-	*
Oxford...	30.18	+ .07	41	40	- 1	56	38	Z	0	3	SW	9	af	-	*
Cambridge ...	30.19r	+ .07	44	43	0	55	40	SW	1	1	SW	3	c	-	*
Yarmouth ...	30.17r	+ .06	45	45	- 4	55	44	NSW	2	2	NSW	6	bm	-	2
Helder...	30.17	+ .05	45	*	+ 9	*	*	SSW	4	*	*	*	*	-	2
Cape Gris Nez...	30.20r	+ .08	53	53	0	58	50	SW	1	3	SW	10	af	-	1
Brest ...	30.13f	- .01	56	54	+ 4	64	50	ESE	4	5	NE	5	bf	-	3
L'Orient ...	30.12s	+ .06	54	54	- 2	63	53	E	4	4	E	2	ob	-	2
Rocheport ...	30.13r	+ .04	52	50	- 3	66	50	SE	4	4	SE	3	b	-	3
Biarritz ...	30.07r	+ .02	53	51	- 8	68	51	ESE	5	4	E	9	om	-	3
Coranna ...			*	*		*	*				*	*	*	-	*
Brussels ...	30.20	+ .08	53	*	+ 7	*	*	SW	3	*	*	*	o	-	*
Charleville ...	30.32	+ .07	44	*	+ 7	*	*	E	3	*	*	*	o	-	*
Paris ...	30.35r	+ .17	46	*	+ 2	59	44	SE	1	3	SE	?	?	-	*
Lyons ...	?	?	48	*	- 4	*	*	S	1	*	*	*	f	-	*
Toulon...	30.29r	+ .07	54	49	- 1	64	53	NE	4	4	E	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 ...	29.78	51	49	S	8	*	0	7	Valencia ...	30.06	55	55	SW	4	6	a	4
Thurso ...	29.51	53	50	SSW	5	5	a	3	Scilly ...	30.16	54	52	NNW	2	6	a	2
Scarborough...	29.99	52	49	NSW	2	7	o	2	London ...	30.12	55	52	SW	2	5	f	*
Greencastle ...	29.83	50	50	SW	4	10	d	*	Rocheport...	30.10	64	60	SE	3	10	o	3
Holyhead ...	30.03	54	50	SW	4	7	o	2									

Pressure continues to decrease at the N- and N- stations, rapidly at Thurso and the fall has extended to London since noon. The wind has freshened from SSW at Thurso but with fine weather. The sea is moderate at Valencia slight swell. Windings issued to N- and NW- coasts. —

## 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.



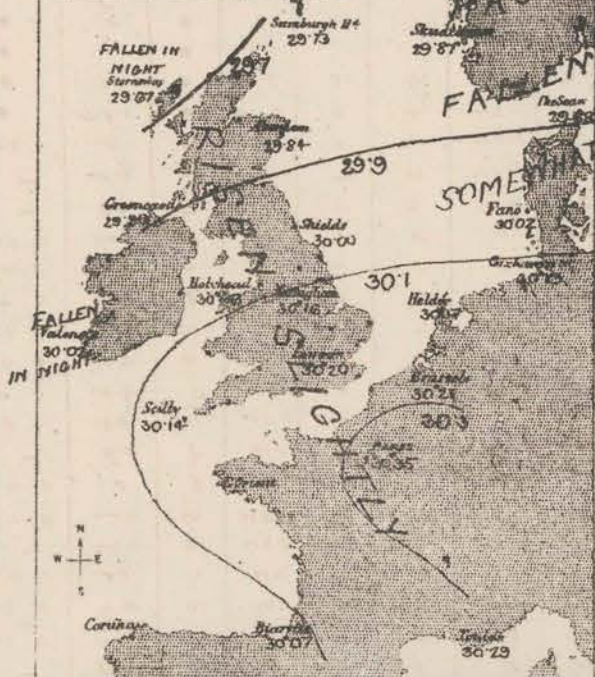
# WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 4<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.

## BAROMETER.

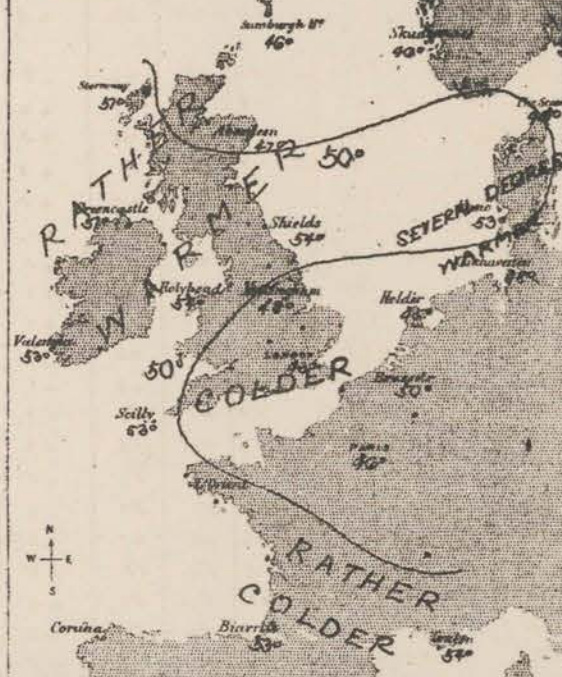
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



A rapid recovery of pressure in the north of our Islands has succeeded the fall noticed there yesterday, so that readings are now higher (except in Norway and Denmark) over our Islands and their neighbourhood than they were yesterday morning. During the night, however, a fresh fall has set in both at the south weather stations and Storming. The highest readings lie over France, the gradient from Paris to Storming being 0.05 in 10 miles for S. winds, while that from Paris to Brest is 0.04 in 10 miles for SE. winds.

## TEMPERATURE.

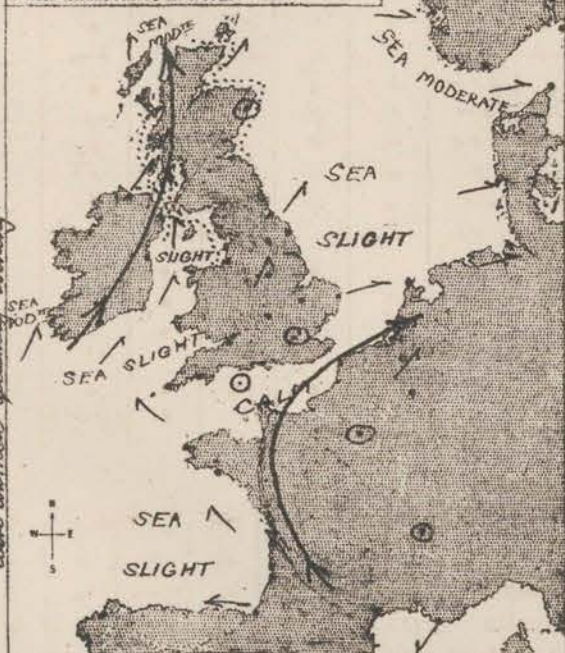
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen several degrees in the west as well as in Denmark and Holland, but fallen considerably in the south of England. In London a slight frost occurred on the grass during the night.

## WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 0; Force 2 to 10 - 10; Force 10 to 15 - 15; Force 15 to 20 - 20; Force 20 to 30 - 30; Force 30 to 40 - 40; Force 40 to 50 - 50; Force 50 to 60 - 60; Force 60 to 70 - 70; Force 70 to 80 - 80; Force 80 to 90 - 90; Force 90 to 100 - 100.
- 2 Dark curved arrow shows upper general motion of air.
- 3 Sea disturbance in words.



Note: A dotted line is drawn round those parts which were unmet yesterday evening.

Light to moderate SE<sup>ly</sup> breeze now prevails over the Bay of Biscay, SW<sup>ly</sup> winds in Ireland, and W<sup>ly</sup> in the far north. A slight W<sup>ly</sup> gale has been experienced in the Hebrides and Shetlands. The sea is smooth at nearly all stations.

## CLOUD, RAIN &C.

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



Some rain has fallen in the north, west and north, and continues in some places. The sky in those regions is still very cloudy, but in the south east it is much clearer, though fog prevails at several stations. Warnings were issued to our north and north-west coasts last evening.

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.

Windsorfield, Edin<sup>burgh</sup>, 22, Bedford St. Covent Garden.



Thursday 8 a.m.

# WEATHER REPORT. Nov<sup>r</sup> 5<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 ...	29.66	+22	32	31	-8	*	*	SW	2	4	SW	*	bc	*	*
Hernösand ...	29.88	+41	35	33	-6	*	*	SW	2	4	W	*	bc	*	*
Stockholm ...	30.06	+30	37	37	-5	*	*	SW	2	4	SW	*	bc	*	*
Wisby ...	29.81	-14	46	44	+1	*	*	W	4	4	W	*	bc	*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...	29.98	+11	52	51	+4	*	*	SSE	6	6	SSW	*	bc	*	4
Oxö (Christiansand) ...	30.08	+24	52	51	+2	*	*	SW	4	2	SW	*	bc	*	3
Skagen (The Skaw) ...	30.13	+25	57	57	+2	*	*	SSW	2	2	NW	*	bc	—	*
Fanö ...	30.20	+18	57	50	-2	*	*	SW	2	2	WSW	*	bc	—	*
Cuxhaven ...	30.26	+13	45	45	-3	52	?	SSW	2	2	SW	9	bc	—	*
Sumburgh Head ...	29.66	-07	50	50	+4	53	46	W	7	6	WSW	9	bc	—	6
Stornoway (Hebrides) ...	29.73	+06	45	43	-6	53	43	WSW	13	9	SSW	4	bc	0.30	6
Thurso ...	29.76	-02	48	45	+3	56	44	WSW	4	5	WSW	9	bc	0.04	3
Wick ...	29.78	00	48	45	0	53	47	W	4	5	SW	8	bc	—	2
Nairn ...	29.80	00	48	47	+1	55	47	SW	1	1	SW	10	bc	0.05	0
Aberdeen ...	29.83	-01	57	49	+4	54	47	SSW	1	6	SSW	4	bc	—	1
Leith ...	29.89	-02	55	52	0	59	57	W	3	4	SW	5	bc	—	*
Shields ...	29.99	-01	53	52	-1	57	48	SW	2	3	WSW	9	bc	—	1
York ...	30.10	-02	53	52	+1	56	46	S	1	1	W	10	bc	—	*
Scarborough ...	30.06	-02	52	57	+1	56	48	SW	4	3	SW	9	bc	—	3
Nottingham ...	30.12	-04	54	53	+6	59	47	S	3	4	SW	10	bc	—	*
Ardrossan ...	29.91	-08	53	50	-1	55	42	WSW	3	5	SW	7	bc	0.02	2
Greencastle ...	29.93	+03	48	47	-3	52	48	WSW	1	5	SSW	10	bc	0.09	*
Donaghadee ...	29.92	-05	48	48	-3	54	48	S	3	6	S	6	bc	—	2
Kingstown ...	29.98	-07	55	57	+2	59	53	SW	3	4	S	8	bc	—	2
Holyhead ...	29.97	-06	55	55	+1	56	53	SSW	2	4	SSW	10	bc	0.01	2
Liverpool (Bidston Obs.) ...	30.02	-06	52	57	-1	60	48	SE	3	3	SE	4	bc	—	2
Valencia ...	29.99	-03	49	48	-4	56	46	N	2	5	SSW	9	bc	0.12	3
Roche's Point ...	29.98	-09	52	57	0	54	49	SW	1	5	SSW	9	bc	—	2
Pembroke ...	30.02	-12	56	55	+3	56	52	SSW	2	4	SSE	10	bc	0.01	2
Portishead ...	30.07	-10	48	48	+4	61	42	Z	0	3	S	8	bc	—	0
Seilly ...	30.03	-11	55	55	+2	56	52	SSE	1	4	SSE	9	bc	0.01	3
Plymouth ...	30.05	-13	52	52	+9	57	42	E	1	1	E	1	bc	—	*
Hurst Castle ...	30.10	-12	54	53	+9	57	45	E	1	1	E	2	bc	0.01	1
Dover ...	30.16	-05	52	50	+5	57	46	W	1	2	WSW	1	bc	—	1
London ...	30.13	-07	49	49	+6	64	41	Z	0	1	S	10	bc	—	*
Oxford ...	30.11	-07	57	57	+10	57	41	Z	0	1	SW	10	bc	—	*
Cambridge ...	30.14	-05	48	48	+4	56	42	SSE	1	1	SW	10	bc	—	*
Yarmouth ...	30.16	-01	49	49	+4	55	44	Z	0	2	WSW	3	bc	—	1
Helder ...	30.22	+05	46	*	+1	*	*	SSE	3	*	*	*	bc	—	2
Cape Gris Nez ...	30.15	-05	48	45	-5	58	46	SSE	3	1	SSE	1	bc	—	2
Brest ...	30.04	-09	53	53	-1	61	54	ESE	3	4	ESE	10	bc	—	3
L'Orient ...	30.02	-11	57	57	-3	63	57	ESE	3	5	ESE	4	bc	—	2
Rochefort ...	30.07	-06	54	50	+2	72	50	E	4	5	SE	5	bc	—	3
Biarritz ...	30.02	-05	60	58	+7	64	53	SE	1	5	SE	6	bc	—	3
Corunna ...						*	*				*	*		*	*
Brussels ...	30.23	00	46	*	-4	*	*	SW	3	*	*	*	bc	*	*
Charleville ...	30.33	+01	41	*	-3	*	*	N	1	*	*	*	bc	*	*
Paris ...	30.17	-18	44	*	-2	60	43	SE	3	3	E	3	bc	—	*
Lyons ...	?	?	54	*	+6	*	*	N	?	*	*	*	bc	*	*
Toulon ...	30.23	-06	55	57	+1	64	53	E	5	5	E	3	bc	—	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.78	57	49	S	8	*	7	Valencia ...	29.95	55	52	SSW	5	6	c	5	
Thurso ...	29.71	54	57	SSW	2	8	0	2	Scilly ...	30.08	56	55	SSE	4	9	0	2
Scarborough...	30.04	55	53	SW	3	7	c	3	London ...	30.18	57	55	SW	1	10	bfo	*
Greencastle ...	29.88	52	50	SSW	4	10	g	*	Rochefort...	30.12	70	61	SE	4	0	bb	3
Holyhead ...	30.05	55	53	SSW	4	4	c	3									

The barometer is now falling generally. The wind is freshening from the S<sup>W</sup> and the West and south-west and the sea has risen on our NW. coasts. The south coast is still hoisted in the NW. and N.

## 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.



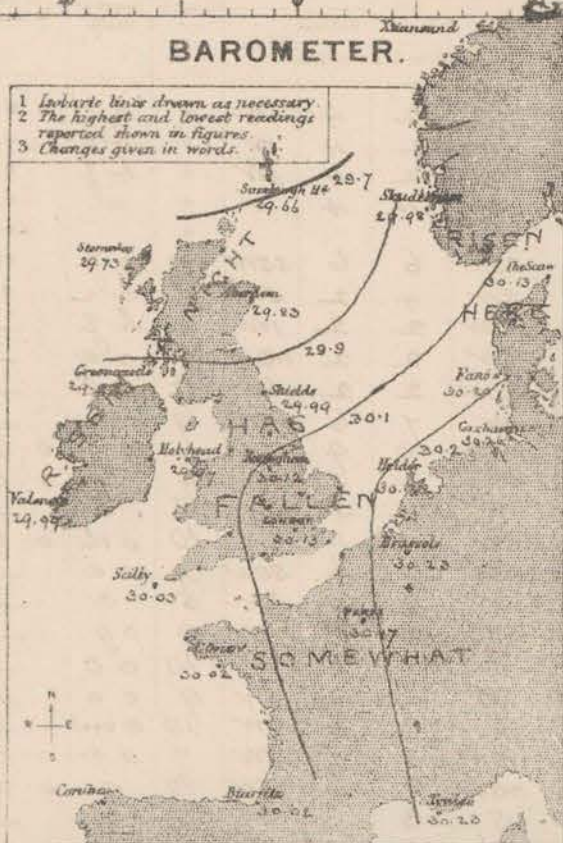
# WEATHER CHARTS

## AND REMARKS FOR

THURSDAY NOVEMBER 5<sup>TH</sup> 1874 AT 8 A.M.

### BAROMETER.

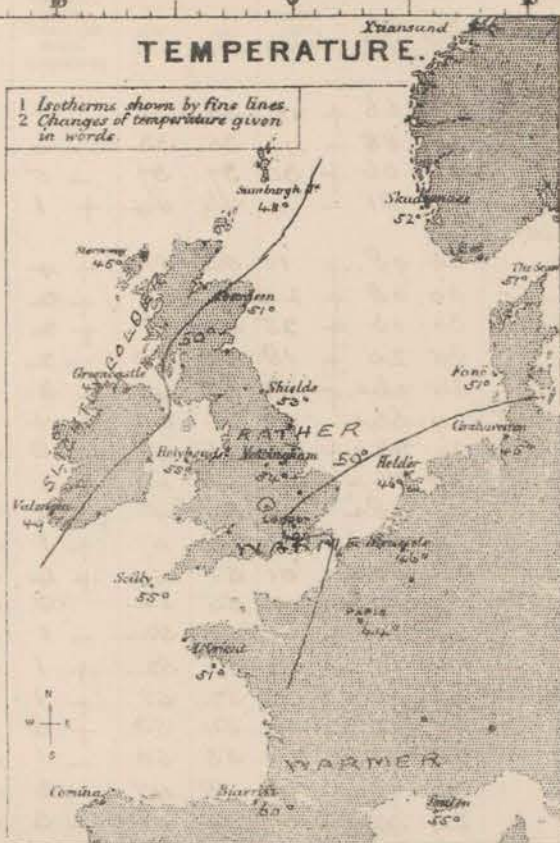
- 1 Isobars drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The general fall of the barometer which was taking place over the whole of the United Kingdom yesterday has extended to France, but has been succeeded by a recovery in the N. and N.E. during the night, while in Norway the mercury has risen from the low readings entered there yesterday. The highest readings in our column and the gradient from Amsterdam to Sumbagh Head is 0.3 in 50 miles. There is also a shallow depression existing over Ireland.

### TEMPERATURE.

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



Temperature has fallen somewhat in the extreme N. of these islands and France, but risen in the S. of France, the S. and central parts of Ireland and at the extreme N. stations.

### WIND & SEA.

- 1 Arrows fly with the wind Force 0 to 1 - 2 Force 3 to 10 - 3 Force 11 to 15 - 4 Force 16 to 20 - 5 Force 21 to 25 - 6 Force 26 to 30 - 7 Force 31 to 35 - 8 Force 36 to 40 - 9 Force 41 to 45 - 10 Force 46 to 50 - 11 Force 51 to 55 - 12 Force 56 to 60 - 13 Force 61 to 65 - 14 Force 66 to 70 - 15 Force 71 to 75 - 16 Force 76 to 80 - 17 Force 81 to 85 - 18 Force 86 to 90 - 19 Force 91 to 95 - 20 Force 96 to 100 - 21 Force 101 to 105 - 22 Force 106 to 110 - 23 Force 111 to 115 - 24 Force 116 to 120 - 25 Force 121 to 125 - 26 Force 126 to 130 - 27 Force 131 to 135 - 28 Force 136 to 140 - 29 Force 141 to 145 - 30 Force 146 to 150 - 31 Force 151 to 155 - 32 Force 156 to 160 - 33 Force 161 to 165 - 34 Force 166 to 170 - 35 Force 171 to 175 - 36 Force 176 to 180 - 37 Force 181 to 185 - 38 Force 186 to 190 - 39 Force 191 to 195 - 40 Force 196 to 200 - 41 Force 201 to 205 - 42 Force 206 to 210 - 43 Force 211 to 215 - 44 Force 216 to 220 - 45 Force 221 to 225 - 46 Force 226 to 230 - 47 Force 231 to 235 - 48 Force 236 to 240 - 49 Force 241 to 245 - 50 Force 246 to 250 - 51 Force 251 to 255 - 52 Force 256 to 260 - 53 Force 261 to 265 - 54 Force 266 to 270 - 55 Force 271 to 275 - 56 Force 276 to 280 - 57 Force 281 to 285 - 58 Force 286 to 290 - 59 Force 291 to 295 - 60 Force 296 to 300 - 61 Force 301 to 305 - 62 Force 306 to 310 - 63 Force 311 to 315 - 64 Force 316 to 320 - 65 Force 321 to 325 - 66 Force 326 to 330 - 67 Force 331 to 335 - 68 Force 336 to 340 - 69 Force 341 to 345 - 70 Force 346 to 350 - 71 Force 351 to 355 - 72 Force 356 to 360 - 73 Force 361 to 365 - 74 Force 366 to 370 - 75 Force 371 to 375 - 76 Force 376 to 380 - 77 Force 381 to 385 - 78 Force 386 to 390 - 79 Force 391 to 395 - 80 Force 396 to 400 - 81 Force 401 to 405 - 82 Force 406 to 410 - 83 Force 411 to 415 - 84 Force 416 to 420 - 85 Force 421 to 425 - 86 Force 426 to 430 - 87 Force 431 to 435 - 88 Force 436 to 440 - 89 Force 441 to 445 - 90 Force 446 to 450 - 91 Force 451 to 455 - 92 Force 456 to 460 - 93 Force 461 to 465 - 94 Force 466 to 470 - 95 Force 471 to 475 - 96 Force 476 to 480 - 97 Force 481 to 485 - 98 Force 486 to 490 - 99 Force 491 to 495 - 100 Force 496 to 500 - 101 Force 501 to 505 - 102 Force 506 to 510 - 103 Force 511 to 515 - 104 Force 516 to 520 - 105 Force 521 to 525 - 106 Force 526 to 530 - 107 Force 531 to 535 - 108 Force 536 to 540 - 109 Force 541 to 545 - 110 Force 546 to 550 - 111 Force 551 to 555 - 112 Force 556 to 560 - 113 Force 561 to 565 - 114 Force 566 to 570 - 115 Force 571 to 575 - 116 Force 576 to 580 - 117 Force 581 to 585 - 118 Force 586 to 590 - 119 Force 591 to 595 - 120 Force 596 to 600 - 121 Force 601 to 605 - 122 Force 606 to 610 - 123 Force 611 to 615 - 124 Force 616 to 620 - 125 Force 621 to 625 - 126 Force 626 to 630 - 127 Force 631 to 635 - 128 Force 636 to 640 - 129 Force 641 to 645 - 130 Force 646 to 650 - 131 Force 651 to 655 - 132 Force 656 to 660 - 133 Force 661 to 665 - 134 Force 666 to 670 - 135 Force 671 to 675 - 136 Force 676 to 680 - 137 Force 681 to 685 - 138 Force 686 to 690 - 139 Force 691 to 695 - 140 Force 696 to 700 - 141 Force 701 to 705 - 142 Force 706 to 710 - 143 Force 711 to 715 - 144 Force 716 to 720 - 145 Force 721 to 725 - 146 Force 726 to 730 - 147 Force 731 to 735 - 148 Force 736 to 740 - 149 Force 741 to 745 - 150 Force 746 to 750 - 151 Force 751 to 755 - 152 Force 756 to 760 - 153 Force 761 to 765 - 154 Force 766 to 770 - 155 Force 771 to 775 - 156 Force 776 to 780 - 157 Force 781 to 785 - 158 Force 786 to 790 - 159 Force 791 to 795 - 160 Force 796 to 800 - 161 Force 801 to 805 - 162 Force 806 to 810 - 163 Force 811 to 815 - 164 Force 816 to 820 - 165 Force 821 to 825 - 166 Force 826 to 830 - 167 Force 831 to 835 - 168 Force 836 to 840 - 169 Force 841 to 845 - 170 Force 846 to 850 - 171 Force 851 to 855 - 172 Force 856 to 860 - 173 Force 861 to 865 - 174 Force 866 to 870 - 175 Force 871 to 875 - 176 Force 876 to 880 - 177 Force 881 to 885 - 178 Force 886 to 890 - 179 Force 891 to 895 - 180 Force 896 to 900 - 181 Force 901 to 905 - 182 Force 906 to 910 - 183 Force 911 to 915 - 184 Force 916 to 920 - 185 Force 921 to 925 - 186 Force 926 to 930 - 187 Force 931 to 935 - 188 Force 936 to 940 - 189 Force 941 to 945 - 190 Force 946 to 950 - 191 Force 951 to 955 - 192 Force 956 to 960 - 193 Force 961 to 965 - 194 Force 966 to 970 - 195 Force 971 to 975 - 196 Force 976 to 980 - 197 Force 981 to 985 - 198 Force 986 to 990 - 199 Force 991 to 995 - 200 Force 996 to 1000 - 201 Force 1001 to 1005 - 202 Force 1006 to 1010 - 203 Force 1011 to 1015 - 204 Force 1016 to 1020 - 205 Force 1021 to 1025 - 206 Force 1026 to 1030 - 207 Force 1031 to 1035 - 208 Force 1036 to 1040 - 209 Force 1041 to 1045 - 210 Force 1046 to 1050 - 211 Force 1051 to 1055 - 212 Force 1056 to 1060 - 213 Force 1061 to 1065 - 214 Force 1066 to 1070 - 215 Force 1071 to 1075 - 216 Force 1076 to 1080 - 217 Force 1081 to 1085 - 218 Force 1086 to 1090 - 219 Force 1091 to 1095 - 220 Force 1096 to 1100 - 221 Force 1101 to 1105 - 222 Force 1106 to 1110 - 223 Force 1111 to 1115 - 224 Force 1116 to 1120 - 225 Force 1121 to 1125 - 226 Force 1126 to 1130 - 227 Force 1131 to 1135 - 228 Force 1136 to 1140 - 229 Force 1141 to 1145 - 230 Force 1146 to 1150 - 231 Force 1151 to 1155 - 232 Force 1156 to 1160 - 233 Force 1161 to 1165 - 234 Force 1166 to 1170 - 235 Force 1171 to 1175 - 236 Force 1176 to 1180 - 237 Force 1181 to 1185 - 238 Force 1186 to 1190 - 239 Force 1191 to 1195 - 240 Force 1196 to 1200 - 241 Force 1201 to 1205 - 242 Force 1206 to 1210 - 243 Force 1211 to 1215 - 244 Force 1216 to 1220 - 245 Force 1221 to 1225 - 246 Force 1226 to 1230 - 247 Force 1231 to 1235 - 248 Force 1236 to 1240 - 249 Force 1241 to 1245 - 250 Force 1246 to 1250 - 251 Force 1251 to 1255 - 252 Force 1256 to 1260 - 253 Force 1261 to 1265 - 254 Force 1266 to 1270 - 255 Force 1271 to 1275 - 256 Force 1276 to 1280 - 257 Force 1281 to 1285 - 258 Force 1286 to 1290 - 259 Force 1291 to 1295 - 260 Force 1296 to 1300 - 261 Force 1301 to 1305 - 262 Force 1306 to 1310 - 263 Force 1311 to 1315 - 264 Force 1316 to 1320 - 265 Force 1321 to 1325 - 266 Force 1326 to 1330 - 267 Force 1331 to 1335 - 268 Force 1336 to 1340 - 269 Force 1341 to 1345 - 270 Force 1346 to 1350 - 271 Force 1351 to 1355 - 272 Force 1356 to 1360 - 273 Force 1361 to 1365 - 274 Force 1366 to 1370 - 275 Force 1371 to 1375 - 276 Force 1376 to 1380 - 277 Force 1381 to 1385 - 278 Force 1386 to 1390 - 279 Force 1391 to 1395 - 280 Force 1396 to 1400 - 281 Force 1401 to 1405 - 282 Force 1406 to 1410 - 283 Force 1411 to 1415 - 284 Force 1416 to 1420 - 285 Force 1421 to 1425 - 286 Force 1426 to 1430 - 287 Force 1431 to 1435 - 288 Force 1436 to 1440 - 289 Force 1441 to 1445 - 290 Force 1446 to 1450 - 291 Force 1451 to 1455 - 292 Force 1456 to 1460 - 293 Force 1461 to 1465 - 294 Force 1466 to 1470 - 295 Force 1471 to 1475 - 296 Force 1476 to 1480 - 297 Force 1481 to 1485 - 298 Force 1486 to 1490 - 299 Force 1491 to 1495 - 300 Force 1496 to 1500 - 301 Force 1501 to 1505 - 302 Force 1506 to 1510 - 303 Force 1511 to 1515 - 304 Force 1516 to 1520 - 305 Force 1521 to 1525 - 306 Force 1526 to 1530 - 307 Force 1531 to 1535 - 308 Force 1536 to 1540 - 309 Force 1541 to 1545 - 310 Force 1546 to 1550 - 311 Force 1551 to 1555 - 312 Force 1556 to 1560 - 313 Force 1561 to 1565 - 314 Force 1566 to 1570 - 315 Force 1571 to 1575 - 316 Force 1576 to 1580 - 317 Force 1581 to 1585 - 318 Force 1586 to 1590 - 319 Force 1591 to 1595 - 320 Force 1596 to 1600 - 321 Force 1601 to 1605 - 322 Force 1606 to 1610 - 323 Force 1611 to 1615 - 324 Force 1616 to 1620 - 325 Force 1621 to 1625 - 326 Force 1626 to 1630 - 327 Force 1631 to 1635 - 328 Force 1636 to 1640 - 329 Force 1641 to 1645 - 330 Force 1646 to 1650 - 331 Force 1651 to 1655 - 332 Force 1656 to 1660 - 333 Force 1661 to 1665 - 334 Force 1666 to 1670 - 335 Force 1671 to 1675 - 336 Force 1676 to 1680 - 337 Force 1681 to 1685 - 338 Force 1686 to 1690 - 339 Force 1691 to 1695 - 340 Force 1696 to 1700 - 341 Force 1701 to 1705 - 342 Force 1706 to 1710 - 343 Force 1711 to 1715 - 344 Force 1716 to 1720 - 345 Force 1721 to 1725 - 346 Force 1726 to 1730 - 347 Force 1731 to 1735 - 348 Force 1736 to 1740 - 349 Force 1741 to 1745 - 350 Force 1746 to 1750 - 351 Force 1751 to 1755 - 352 Force 1756 to 1760 - 353 Force 1761 to 1765 - 354 Force 1766 to 1770 - 355 Force 1771 to 1775 - 356 Force 1776 to 1780 - 357 Force 1781 to 1785 - 358 Force 1786 to 1790 - 359 Force 1791 to 1795 - 360 Force 1796 to 1800 - 361 Force 1801 to 1805 - 362 Force 1806 to 1810 - 363 Force 1811 to 1815 - 364 Force 1816 to 1820 - 365 Force 1821 to 1825 - 366 Force 1826 to 1830 - 367 Force 1831 to 1835 - 368 Force 1836 to 1840 - 369 Force 1841 to 1845 - 370 Force 1846 to 1850 - 371 Force 1851 to 1855 - 372 Force 1856 to 1860 - 373 Force 1861 to 1865 - 374 Force 1866 to 1870 - 375 Force 1871 to 1875 - 376 Force 1876 to 1880 - 377 Force 1881 to 1885 - 378 Force 1886 to 1890 - 379 Force 1891 to 1895 - 380 Force 1896 to 1900 - 381 Force 1901 to 1905 - 382 Force 1906 to 1910 - 383 Force 1911 to 1915 - 384 Force 1916 to 1920 - 385 Force 1921 to 1925 - 386 Force 1926 to 1930 - 387 Force 1931 to 1935 - 388 Force 1936 to 1940 - 389 Force 1941 to 1945 - 390 Force 1946 to 1950 - 391 Force 1951 to 1955 - 392 Force 1956 to 1960 - 393 Force 1961 to 1965 - 394 Force 1966 to 1970 - 395 Force 1971 to 1975 - 396 Force 1976 to 1980 - 397 Force 1981 to 1985 - 398 Force 1986 to 1990 - 399 Force 1991 to 1995 - 400 Force 1996 to 2000 - 401 Force 2001 to 2005 - 402 Force 2006 to 2010 - 403 Force 2011 to 2015 - 404 Force 2016 to 2020 - 405 Force 2021 to 2025 - 406 Force 2026 to 2030 - 407 Force 2031 to 2035 - 408 Force 2036 to 2040 - 409 Force 2041 to 2045 - 410 Force 2046 to 2050 - 411 Force 2051 to 2055 - 412 Force 2056 to 2060 - 413 Force 2061 to 2065 - 414 Force 2066 to 2070 - 415 Force 2071 to 2075 - 416 Force 2076 to 2080 - 417 Force 2081 to 2085 - 418 Force 2086 to 2090 - 419 Force 2091 to 2095 - 420 Force 2096 to 2100 - 421 Force 2101 to 2105 - 422 Force 2106 to 2110 - 423 Force 2111 to 2115 - 424 Force 2116 to 2120 - 425 Force 2121 to 2125 - 426 Force 2126 to 2130 - 427 Force 2131 to 2135 - 428 Force 2136 to 2140 - 429 Force 2141 to 2145 - 430 Force 2146 to 2150 - 431 Force 2151 to 2155 - 432 Force 2156 to 2160 - 433 Force 2161 to 2165 - 434 Force 2166 to 2170 - 435 Force 2171 to 2175 - 436 Force 2176 to 2180 - 437 Force 2181 to 2185 - 438 Force 2186 to 2190 - 439 Force 2191 to 2195 - 440 Force 2196 to 2200 - 441 Force 2201 to 2205 - 442 Force 2206 to 2210 - 443 Force 2211 to 2215 - 444 Force 2216 to 2220 - 445 Force 2221 to 2225 - 446 Force 2226 to 2230 - 447 Force 2231 to 2235 - 448 Force 2236 to 2240 - 449 Force 2241 to 2245 - 450 Force 2246 to 2250 - 451 Force 2251 to 2255 - 452 Force 2256 to 2260 - 453 Force 2261 to 2265 - 454 Force 2266 to 2270 - 455 Force 2271 to 2275 - 456 Force 2276 to 2280 - 457 Force 2281 to 2285 - 458 Force 2286 to 2290 - 459 Force 2291 to 2295 - 460 Force 2296 to 2300 - 461 Force 2301 to 2305 - 462 Force 2306 to 2310 - 463 Force 2311 to 2315 - 464 Force 2316 to 2320 - 465 Force 2321 to 2325 - 466 Force 2326 to 2330 - 467 Force 2331 to 2335 - 468 Force 2336 to 2340 - 469 Force 2341 to 2345 - 470 Force 2346 to 2350 - 471 Force 2351 to 2355 - 472 Force 2356 to 2360 - 473 Force 2361 to 2365 - 474 Force 2366 to 2370 - 475 Force 2371 to 2375 - 476 Force 2376 to 2380 - 477 Force 2381 to 2385 - 478 Force 2386 to 2390 - 479 Force 2391 to 2395 - 480 Force 2396 to 2400 - 481 Force 2401 to 2405 - 482 Force 2406 to 2410 - 483 Force 2411 to 2415 - 484 Force 2416 to 2420 - 485 Force 2421 to 2425 - 486 Force 2426 to 2430 - 487 Force 2431 to 2435 - 488 Force 2436 to 2440 - 489 Force 2441 to 2445 - 490 Force 2446 to 2450 - 491 Force 2451 to 2455 - 492 Force 2456 to 2460 - 493 Force 2461 to 2465 - 494 Force 2466 to 2470 - 495 Force 2471 to 2475 - 496 Force 2476 to 2480 - 497 Force 2481 to 2485 - 498 Force 2486 to 2490 - 499 Force 2491 to 2495 - 500 Force 2496 to 2500 - 501 Force 2501 to 2505 - 502 Force 2506 to 2510 - 503 Force 2511 to 2515 - 504 Force 2516 to 2520 - 505 Force 2521 to 2525 - 506 Force 2526 to 2530 - 507 Force 2531 to 2535 - 508 Force 2536 to 2540 - 509 Force 2541 to 2545 - 510 Force 2546 to 2550 - 511 Force 2551 to 2555 - 512 Force 2556 to 2560 - 513 Force 2561 to 2565 - 514 Force 2566 to 2570 - 515 Force 2571 to 2575 - 516 Force 2576 to 2580 - 517 Force 2581 to 2585 - 518 Force 2586 to 2590 - 519 Force 2591 to 2595 - 520 Force 2596 to 2600 - 521 Force 2601 to 2605 - 522 Force 2606 to 2610 - 523 Force 2611 to 2615 - 524 Force 2616 to 2620 - 525 Force 2621 to 2625 - 526 Force 2626 to 2630 - 527 Force 2631 to 2635 - 528 Force 2636 to 2640 - 529 Force 2641 to 2645 - 530 Force 2646 to 2650 - 531 Force 2651 to 2655 - 532 Force 2656 to 2660 - 533 Force 2661 to 2665 - 534 Force 2666 to 2670 - 535 Force 2671 to 2675 - 536 Force 2676 to 2680 - 537 Force 2681 to 2685 - 538 Force 2686 to 2690 - 539 Force 2691 to 2695 - 540 Force 2696 to 2700 - 541 Force 2701 to 2705 - 542 Force 2706 to 2710 - 543 Force 2711 to 2715 - 544 Force 2716 to 2720 - 545 Force 2721 to 2725 - 546 Force 2726 to 2730 - 547 Force 2731 to 2735 - 548 Force 2736 to 2740 - 549 Force 2741 to 2745 - 550 Force 2746 to 2750 - 551 Force 2751 to 2755 - 552 Force 2756 to 2760 - 553 Force 2761 to 2765 - 554 Force 2766 to 2770 - 555 Force 2771 to 2775 - 556 Force 2776 to 2780 - 557 Force 2781 to 2785 - 558 Force 2786 to 2790 - 559 Force 2791 to 2795 - 560 Force 2796 to 2800 - 561 Force 2801 to 2805 - 562 Force 2806 to 2810 - 563 Force 2811 to 2815 - 564 Force 2816 to 2820 - 565 Force 2821 to 2825 - 566 Force 2826 to 2830 - 567 Force 2831 to 2835 - 568 Force 2836 to 2840 - 569 Force 2841 to 2845 - 570 Force 2846 to 2850 - 571 Force 2851 to 2855 - 572 Force 2856 to 2860 - 573 Force 2861 to 2865 - 574 Force 2866 to 2870 - 575 Force 2871 to 2875 - 576 Force 2876 to 2880 - 577 Force 2881 to 2885 - 578 Force 2886 to 2890 - 579 Force 2891 to 2895 - 580 Force 2896 to 2900 - 581 Force 2901 to 2905 - 582 Force 2906 to 2910 - 583 Force 2911 to 2915 - 584 Force 2916 to 2920 - 585 Force 2921 to 2925 - 586 Force 2926 to 2930 - 587 Force 2931 to 2935 - 588 Force 2936 to 2940 - 589 Force 2941 to 2945 - 590 Force 2946 to 2950 - 591 Force 2951 to 2955 - 592 Force 2956 to 2960 - 593 Force 2961 to 2965 - 594 Force 2966 to 2970 - 595 Force 2971 to 2975 - 596 Force 2976 to 2980 - 597 Force 2981 to 2985 - 598 Force 2986 to 2990 - 599 Force 2991 to 2995 - 600 Force 2996 to 3000 - 601 Force 3001 to 3005 - 602 Force 3006 to 3010 - 603 Force 3011 to 3015 - 604 Force 3016 to 3020 - 605 Force 3021 to 3025 - 606 Force 3026 to 3030 - 607 Force 3031 to 3035 - 608 Force 3036 to 3040 - 609 Force 3041 to 3045 - 610 Force 3046 to 3050 - 611 Force 3051 to 3055 - 612 Force 3056 to 3060 - 613 Force 3061 to 3065 - 614 Force 3066 to 3070 - 615 Force 3071 to 3075 - 616 Force 3076 to 3080 - 617 Force 3081 to 3085 - 618 Force 3086 to 3090 - 619 Force 3091 to 3095 - 620 Force 3096 to 3100 - 621 Force 3101 to 3105 - 622 Force 3106 to 3110 - 623 Force 3111 to 3115 - 624 Force 3116 to 3120 - 625 Force 3121 to 3125 - 626 Force 3126 to 3130 - 627 Force 3131 to 3135 - 628 Force 3136 to 3140 - 629 Force 3141 to 3145 - 630 Force 3146 to 3150 - 631 Force 3151 to 3155 - 632 Force 3156 to 3160 - 633 Force 3161 to 3165 - 634 Force 3166 to 3170 - 635 Force 3171 to 3175 - 636 Force 3176 to 3180 - 637 Force 3181 to 3185 - 638 Force 3186 to 3190 - 639 Force 3191 to 3195 - 640 Force 3196 to 3200 - 641 Force 3201 to 3205 - 642 Force 3206 to 3210 - 643 Force 3211 to 3215 - 644 Force 3216 to 3220 - 645 Force 3221 to 3225 - 646 Force 3226 to 3230 - 647 Force 3231 to 3235 - 648 Force 3236 to 3240 - 649 Force 3241 to 3245 - 650 Force 3246 to 3250 - 651 Force 3251 to 3255 - 652 Force 3256 to 3260 - 653 Force 3261 to 3265 - 654 Force 3266 to 3270 - 655 Force 3271 to 3275 - 656 Force 3276 to 3280 - 657 Force 3281 to 3285 - 658 Force 3286 to 3290 - 659 Force 3291 to 3295 - 660 Force 3296 to 3300 - 661 Force 3301 to 3305 - 662 Force 3306 to 3310 - 663 Force 3311 to 3315 - 664 Force 3316 to 3320 - 665 Force 3321 to 3325 - 666 Force 3326 to 3330 - 667 Force 3331 to 3335 - 668 Force 3336 to 3340 - 669 Force 3341 to 3345 - 670 Force 3346 to 3350 - 671 Force 3351 to 3355 - 672 Force 3356 to 3360 - 673 Force 3361 to 3365 - 674 Force 3366 to 3370 - 675 Force 3371 to 3375 - 676 Force 3376 to 3380 - 677 Force 3381 to 3385 - 678 Force 3386 to 3390 - 679 Force 3391 to 3395 - 680 Force 3396 to 3400 - 681 Force 3401 to 3405 - 682 Force 3406 to 3410 - 683 Force 3411 to 3415 - 684 Force 3416 to 3420 - 685 Force 3421 to 3425 - 686 Force 3426 to 3430 - 687 Force 3431 to 3435 - 688 Force 3436 to 3440 - 689 Force 3441 to 3445 - 690 Force 3446 to 3450 - 691 Force 3451 to 3455 - 692 Force 3456 to 3460 - 693 Force 3461 to 3465 - 694 Force 3466 to 3470 - 695 Force 3471 to 3475 - 696 Force 3476 to 3480 - 697 Force 3481 to 3485 - 698 Force 3486 to 3490 - 699 Force 3491 to 3495 - 700 Force 3496 to 3500 - 701 Force 3501 to 3505 - 702 Force 3506 to 3510 - 703 Force 3511 to 3515 - 704 Force 3516 to 3520 - 705 Force 3521 to 3525 - 706 Force 3526 to 3530 - 707 Force 3531 to 3535 - 708 Force



Fri- day 8 a.m.

# WEATHER REPORT.

November 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.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29.82	+ .16	41	38	+9	*	*	SW	6	6	SW	*	bc	*	*
Hernösand ...	29.99	+ .11	42	41	+7	*	*	N	2	2	SW	*	o	*	*
Stockholm ...	30.14	+ .08	49	48	+12	*	*	SW	2	4	SSW	*	f	*	*
Wisby ...	30.29	+ .48	49	48	+5	*	*	SW	4	4	N	*	c	*	*
Christiansund ...						*	*					*		*	
Skudesnaes ...	30.00	+ .02	47	46	-5	*	*	NN	2	6	NW	*	r	*	5
Oxö (X'tiansand) ...	30.05	- .03	53	51	+1	*	*	NW	4	4	SW	*	f	*	3
Skagen (The Skaw) ...	30.15	+ .02	49	48	-2	*	*	SW	2	2	SW	*	o	-	*
Fanö ...	30.16	- .04	44	43	-7	*	*	S	4	4	S	*	of	-	*
Cuxhaven ...	30.23f	- .03	37	37	-8	53	?	SSW	2	2	SSW	5	fa	-	*
Sumburgh Head ...	29.86r	+ .20	45	45	-5	51	41	NW	4	7	N	4	oc	-	4
Stornoway (H. brides.) ...	29.98r	+ .25	40	38	-5	48	38	SW	2	3	NN	2	bo	-	5
Thurso ...	30.03r	+ .27	35	34	-13	50	34	SSW	1	4	NW	0	b	-	2
Wick ...	30.05r	+ .27	42	40	-6	49	37	N	2	4	N	4	oc	0.01	1
Nairn ...	30.09r	+ .29	35	35	-13	49	35	SW	1	1	SW	0	ob	-	0
Aberdeen ...	30.10r	+ .27	38	37	-13	55	37	N	1	1	SSW	0	bm	0.11	1
Leith ...	30.18r	+ .29	37	37	-18	57	35	N.	2	3	N	3	opb	0.08	*
Shields ...	30.19r	+ .20	44	42	-9	57	41	NN	2	3	SW	4	c	0.25	1
York ...	?	?	44	43	-9	54	43	NW	1	1	S	0	cb	0.12	*
Scarborough ...	30.21r	+ .15	46	45	-6	54	46	N	1	4	SW	2	b	0.14	1
Nottingham ...	30.24r	+ .12	51	49	-3	59	53	NNN	1	3	SSE	9	lm	0.05	*
Ardrossan ...	30.17r	+ .26	48	45	-5	53	47	NW	2	3	NW	1	ob.	0.12	1
Greencastle ...	30.17r	+ .24	42	41	-6	49	42	N	2	2	SW	1	gb	0.01	*
Donaghadee ...	30.19r	+ .27	37	37	-11	52	36	S	2	3	N	2	ob	0.05	1
Kingstown ...	30.26r	+ .28	45	43	-10	57	44	SW	1	3	N	4	rm	0.25	1
Holyhead ...	30.23r	+ .26	47	45	-8	57	47	NN	2	2	NW	3	b	0.40	2
Liverpool (Bidston Obs.) ...	30.25r	+ .23	47	44	-5	58	47	NNN	2	3	SE	1	cb	0.19	2
Valencia ...	30.24r	+ .25	45	43	-4	55	41	SE	3	2	N	6	c	0.12	3
Roche's Point ...	30.24r	+ .26	40	39	-12	53	38	NNE	2	4	N	10	rf	0.25	2
Pembroke ...	30.26r	+ .24	46	44	-10	57	45	N	1	2	SSW	3	go	0.13	1
Portishead ...	30.21r	+ .14	52	50	+4	57	45	NW	1	3	SW	8	po	0.06	1
Scilly ...	30.26r	+ .23	51	48	-4	57	50	NNE	4	4	NNE	6	fe	0.01	5
Plymouth ...	30.24r	+ .19	51	51	-1	59	50	Z	9	1	SE	10	wf	0.02	*
Hurst Castle ...	30.24r	+ .14	54	54	0	58	52	NN	1	1	SE	2	mb	0.08	0
Dover ...	30.23r	+ .07	55	55	+3	56	50	SW	2	3	S	6	bc	0.04	1
London ...	30.22r	+ .09	55	54	+6	61	47	SW	1	1	S	9	fb	-	*
Oxford ...	30.22	+ .11	53	52	+2	55	50	Z	0	1	SE	9	of	-	*
Cambridge ...	30.22r	+ .08	52	50	+4	58	45	SW	1	1	SW	7	c	-	*
Yarmouth ...	30.20r	+ .04	52	52	+3	55	48	NW	1	2	SSE	10	mf	-	2
Helder ...	30.20	- .02	46	*	0	*	*	?	3	*	*	*	*	*	2
Cape Gris Nez ...	30.22r	+ .07	55	53	+7	60	48	SSW	3	3	S	8	bom	-	1
Brest ...	30.28r	+ .24	54	54	-1	60	52	ENE	1	3	ESE	5	o	-	2
L'Orient ...	30.19r	+ .17	57	57	+6	60	51	Z	0	3	ESE	10	cf	-	2
Rocheport ...	30.30r	+ .23	57	55	+3	69	51	S	4	4	E	10	cr	-	3
Biarritz ...	30.32r	+ .30	59	57	-1	63	57	S	1	4	N	6	rf	0.20	3
Corunna ...						*	*					*		*	
Brussels ...	30.31	+ .08	49	*	+3	*	*	NW	3	*	*	*	o	*	*
Charleville ...	30.42	+ .09	39	*	-2	*	*	SW	3	*	*	*	o	*	*
Paris ...	30.30r	+ .13	45	*	+1	59	44	SE	4	4	S	9	bo	-	*
Lyons ...	?	?	54	*	0	*	*	NE	3	*	*	*	f	*	*
Toulon ...	30.32r	+ .09	55	46	0	60	54	E	4	5	E	1	ob	-	4

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

	Bar.	Dry.	Wet.	Wind.		C.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		C.	Wes.	Sea.
Skudesnaes ...	30.01	52	51	S	6	*	r	5	Valencia ...	30.04	52	50	N	1	6	c	0
Thurso ...	29.87	49	47	SW	2	8	o	2	Scilly ...	30.04	57	56	SSW	2	8	f	4
Scarborough...	30.05	54	53	SSW	2	1	6	2	London ...	30.11	54	53	SSW	1	4	om	*
Greencastle ...	29.98	49	48	WSW	2	10	g	*	Rocheport...	30.08	50	41	S	3	0	6	3
Holyhead ...	30.00	53	50	SSW	2	7	end	1									

Pressure has increased at all but the E-stations since the morning - most in the N. - and the wind has fallen light everywhere. The sky has become clearer in the E and at Valencia but is still overcast in the NW with rain at 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.

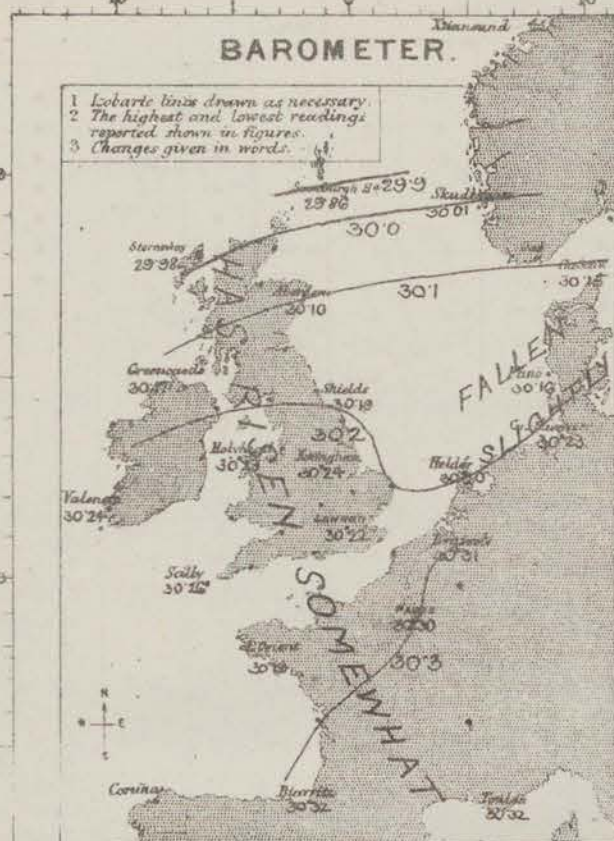
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

## AND REMARKS FOR

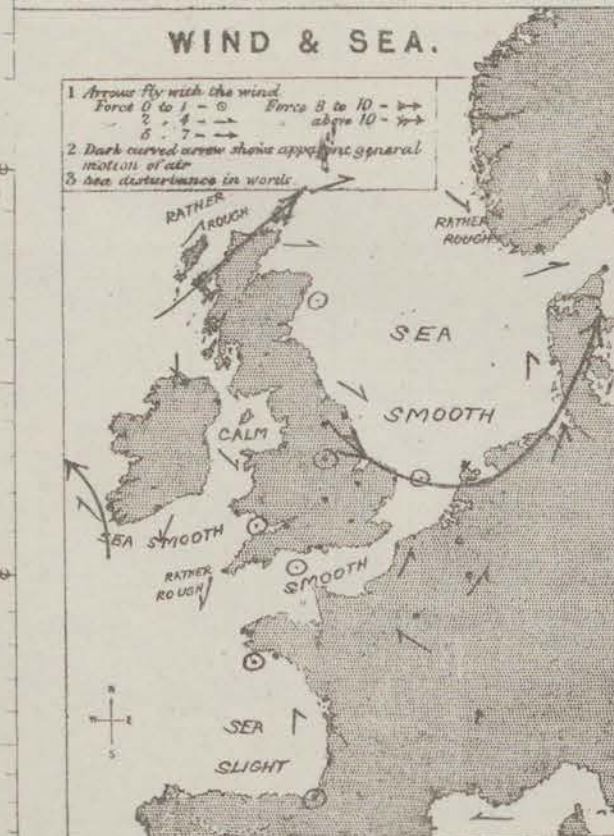
### FRIDAY 6<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.



During the past 24 hours the barometer has risen somewhat over the whole of Western Europe, especially in Ireland and Scotland, so that readings, though still highest in France and Germany are more uniform than of late. The gradient from Paris to Holyhead is only 0.01 in and that from Holyhead to Dover 0.02 in, while that from Wick to Lumbrough 14" is 0.10 in per 50 miles.



Temperature has fallen very fast except in France and the south east of England, where it has risen somewhat and is high for the time of year.



The winds reported this morning are very light and variable except at the northern stations, where they are W. The sea is smooth except in the far north.



Some rain has fallen over nearly the whole of the British Isles. The sky has since become very much clearer except in the south, fog prevails in the west of France.

Subscriptions for these Charts payable in advance to cover delivery.  
Delivery by hand 10/- per quarter.  
Post 3/- per quarter.

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



Saturday day 8 a.m.

# WEATHER REPORT.

November 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.		Extrema.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.96	— .14	31	30	— 10	*	*	SW	1	1	SW	*	b	*	*
Hernösand ...	30.25	— .26	30	30	— 12	*	*	Z	0	4	NE	*	re	*	*
Stockholm ...	30.06	— .08	46	45	— 3	*	*	SSW	2	2	SSW	*	cf	*	*
Wisby ...	30.18	— .11	46	46	— 3	*	*	SW	2	4	W	*	c	*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...	30.05	+ .05	48	45	+ 1	*	*	SW	6	0	Z	*	bo	*	5
Oxö (X'tiansand) ...	30.12	+ .08	44	43	— 9	*	*	N	2	2	N	*	bo	*	2
Skagen (The Skaw) ...	30.17	+ .02	46	44	— 3	*	*	N	2	2	N	*	bc	—	*
Fanö ...	30.20	+ .07	47	46	+ 3	*	*	N	2	2	NSW	*	cb	—	*
Cuxhaven ...	30.30r	+ .07	40	40	+ 3	?	35	SSW	2	2	NSW	9	f	—	*
Sumburgh Head ...	29.86f	00	43	43	— 2	49	42	NNW	7	6	N	8	egf	0.06	6
Stornoway (Hebrides) ...	30.05r	+ .07	37	36	— 3	49	35	NNW	2	7	SW	2	rb	0.41	5
Thurso ...	30.04r	+ .01	40	39	+ 5	52	35	SSW	2	4	SSW	4	c	0.11	3
Wick ...	30.06r	+ .01	41	39	— 1	49	36	N	2	4	SW	2	cb	—	1
Nairn ...	30.11r	+ .02	42	40	+ 7	49	35	SSW	1	2	SW	0	b	—	0
Aberdeen ...	30.12r	+ .02	44	40	+ 6	47	38	NSW	1	4	SW	0	b	—	1
Leith ...	30.21r	+ .03	47	45	+ 10	54	36	N	3	2	N	5	bc	—	*
Shields ...	30.24f	+ .05	47	44	+ 3	49	41	N	4	3	NW	7	bc	—	1
York ...	?	?	43	41	— 1	54	39	SW	1	1	NN	5	c	0.02	*
Scarborough ...	30.32r	+ .11	42	41	— 4	49	38	NSW	2	1	E	6	bc	—	2
Nottingham ...	30.40r	+ .16	41	40	— 10	56	39	SW	1	3	NNW	2	aw	—	*
Ardrossan ...	30.22r	+ .05	50	47	+ 2	52	48	N	3	3	SW	5	c	—	2
Greencastle ...	30.27r	+ .10	44	43	+ 2	47	42	NSW	1	5	SSW	8	bo	0.02	*
Donaghadee ...	30.27r	+ .08	44	43	+ 7	52	36	S	2	3	SW	8	c	—	1
Kingstown ...	30.36r	+ .10	47	44	+ 2	51	45	SSE	3	3	SE	7	c	—	2
Holyhead ...	30.32r	+ .09	49	46	+ 2	51	47	NSW	2	2	SW	4	b	—	1
Liverpool (Bidston Obs.) ...	30.36r	+ .11	45	41	— 2	51	43	SSW	2	2	SW	5	bc	—	2
Valencia ...	30.37r	+ .13	44	42	— 1	54	41	N	3	3	NSW	3	gb	—	3
Roche's Point ...	30.36r	+ .12	43	42	+ 3	51	40	NN	1	3	N	3	cbf	0.03	2
Pembroke ...	30.40r	+ .14	52	47	+ 6	54	46	NNW	1	1	NN	9	co	—	2
Portishead ...	30.40r	+ .19	42	42	— 10	56	37	Z	0	3	ENE	9	m	—	0
Scilly ...	30.42r	+ .16	50	48	— 1	55	48	Z	0	4	NNE	6	c	—	4
Plymouth ...	30.41r	+ .17	45	45	— 6	56	44	Z	0	1	NN	3	wm	—	*
Hurst Castle ...	30.42r	+ .18	50	48	— 4	60	48	N	1	1	SW	7	bc	0.05	0
Dover ...	30.40r	+ .17	51	49	— 4	59	49	NNW	2	3	NSW	7	cg	—	1
London ...	30.41r	+ .19	44	43	— 11	64	43	N	1	1	SW	7	cf	—	*
Oxford ...	30.41	+ .19	40	40	— 13	55	38	Z	0	1	SW	0	ob	—	*
Cambridge ...	30.40r	+ .18	44	42	— 8	56	42	NNW	1	1	NNW	1	ob	—	*
Yarmouth ...	30.36r	+ .16	45	45	— 7	55	44	N	1	1	N	10	mf	—	2
Helder ...	30.20	00	53	*	+ 7	*	*	NSW	3	*	*	*	*	*	2
Cape Gris Nez ...	30.38r	+ .16	54	52	— 1	57	52	Z	0	3	SSW	7	c	—	1
Brest ...	30.41r	+ .13	52	50	— 2	62	48	N	1	3	S	10	c	—	2
L'Orient ...	30.37r	+ .18	50	50	— 7	60	49	E	1	4	NN	5	oc	—	2
Rochefort ...	30.38r	+ .08	51	49	— 6	70	48	ENE	4	4	S	10	r	?	3
Biarritz ...	30.35r	+ .03	57	53	— 2	64	54	SSE	4	4	ESE	4	cf	—	4
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	30.39	+ .08	52	*	+ 3	*	*	SW	1	*	*	*	c	*	*
Charleville ...	30.46	+ .04	46	*	+ 7	*	*	SW	3	*	*	*	c	*	*
Paris ...	30.42r	+ .12	49	*	+ 4	59	45	S	1	4	SE	10	fo	—	*
Lyons ...	?	?	52	*	— 2	*	*	N	3	*	*	*	f	*	*
Toulon ...	30.39f	+ .07	57	52	+ 2	64	54	Z	0	1	SW	2	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 ...	30.11	47	44	NW	2	*	c	4	Valencia ...	30.26	50	47	NW	3	b	c	3
Thurso ...	30.03	51	46	SSW	2	4	a	2	Scilly ...	30.29	54	51	ENE	2	b	c	5
Scarborough...	30.24	48	46	E	1	2	b	1	London ...	30.27	58	55	SW	1	b	c	*
Greencastle ...	30.17	47	45	SW	4	3	b	*	Rochefort...	30.30	64	60	SSE	3	10	r	3
Holyhead ...	30.26	50	47	SW	2	3	b	1									

The general rise noticed this morning has been entirely checked in the N and N. and the wind has shifted to the SW over Ireland. Temperature has risen rapidly at Thurso and rain continues at Rochefort.

## EXPLANATION OF COLUMNS.

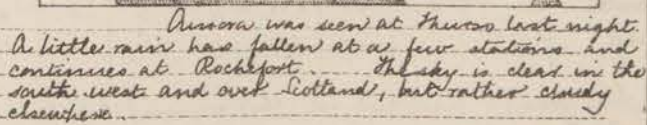
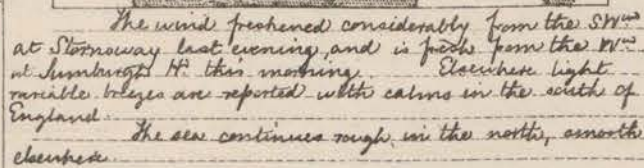
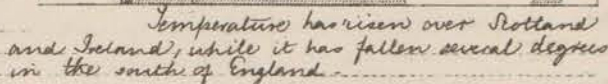
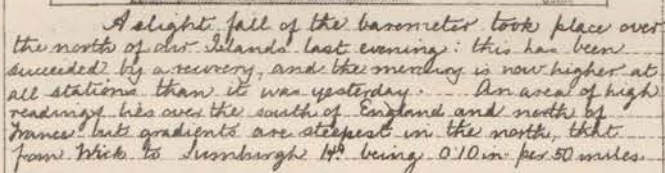
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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



SATURDAY 7<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.





# SUMMARY OF WEATHER IN WESTERN EUROPE

from Nov<sup>R</sup> 1<sup>ST</sup> to Nov<sup>R</sup> 7<sup>TH</sup> 1874.

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

During this week the barometer has been comparatively steady. On the 2<sup>nd</sup> a small local depression appeared over the south-west of Ireland, and on the 3<sup>rd</sup> a disturbance of a rather more serious character passed to the N<sup>W</sup> of our Islands, accompanied by a second smaller one over France; but since then the barometer has continued to rise slowly generally, and till the close of the week an area of high readings has been reported over Central or Western Europe. The winds have been moderate to light from the SW<sup>W</sup> generally, with calms in many places. Temperature has oscillated somewhat, especially in south-eastern England. The sky has been clearer, and the weather drier than of late.

Nov<sup>R</sup> 1<sup>ST</sup> The fall of the barometer noticed in the west at the close of last week had extended E<sup>W</sup>, and the mercury was falling over the whole of Western Europe, especially in Sweden. An elongated area of high pressure lying over Central Europe extended across the North Sea, but gradients were very slight both to the N<sup>W</sup> and S<sup>W</sup> of it. Moderate E<sup>W</sup> breezes were felt over the north of France and the greater part of our Islands, while calms and SW<sup>W</sup> airs were reported from Scotland and moderate W<sup>W</sup> breezes over Sweden and Norway. Temperature had fallen in the south and east of our Islands but risen somewhat elsewhere. The sky, though clear in some districts, was overcast generally, and rain was falling at Roches Point.

Nov<sup>R</sup> 2<sup>ND</sup> The barometer had again fallen except in the west of France and over Scandinavia, and a small depression had advanced over the south of Ireland. A large area of high readings lay over Central Europe, but gradients were slight except in the neighbourhood of the above disturbance. The wind in our Islands circulated round the low pressure but was generally moderate in force except at Pembroke, where a S<sup>W</sup> gale was reported. On the Continent light variable airs were experienced. Temperature had changed very irregularly. Rain was falling at many places, and the sky was overcast except at the French stations. At 2pm the barometer was rising in the south-west.

Nov<sup>R</sup> 3<sup>RD</sup> The mercury had fallen fast at our northern stations and a depression appeared to have advanced to the NW<sup>W</sup> of these Islands. At the same time the rise noticed in the south-west yesterday afternoon had continued and extended, and a second smaller disturbance was noticed over the Bay of Biscay. Readings in the south were very uniform but in the north the gradient from Leith to Stornoway was 0.10 in. per 50 miles for SW<sup>W</sup> winds, which, however, were very light except at Stornoway and Lumburgh H. In the west of France moderate E<sup>W</sup> breezes were felt, while calms prevailed over the greater part of England. Temperature was several degrees lower on our south coast and over Holland and Denmark, but elsewhere the changes were slight. Rain was falling in the north of Scotland, but the sky generally was much clearer than of late, though fog or mist prevailed in the south and south-east of England. During the day the barometer continued to fall briskly in the north.

Nov<sup>R</sup> 4<sup>TH</sup> The depression noticed in the north-west on the 3<sup>rd</sup> had advanced over Scandinavia, where the



barometer had fallen rapidly, while in our Islands and France a recovery had taken place which had been very brisk in the north during the night. At our extreme western stations, however, a fresh fall had set in since six o'clock on the previous evening. The highest readings lay over Central Europe, and the gradient from Paris to Stornoway was 0.05 in. per 50 miles. Light SW<sup>ly</sup> breezes were general over these Islands, drawing into W on the eastern shores of the North Sea, while SE<sup>ly</sup> winds were experienced over the Bay of Biscay. Temperature had risen except on our south coast and on the Continent. The sky was very cloudy in the north, but clear in the south, though fog and mist continued in the south-east. At 2pm the barometer was falling generally.

NOR 5<sup>th</sup> The barometer had risen over Scandinavia and, during the night, at our western stations also but over France and the greater part of our Islands a slight fall had occurred. The area of high pressure continued over Central Europe, and the gradient from Cuxhaven to Lumburgh 14<sup>th</sup> was 0.06 in. per 50 miles. There was also a shallow depression over Ireland, round which the wind circulated, but light to moderate S<sup>ly</sup> to SW<sup>ly</sup> winds were general elsewhere except over France where E<sup>ly</sup> breezes were reported. Temperature had fallen slightly in the west, but risen over England and the south of France. The sky was cloudy generally, and thick fog prevailed in the south of England. In the afternoon the barometer was rising, most in the north.

NOR 6<sup>th</sup> The mercury had risen over the whole of Western Europe except in Denmark and North Germany but more especially over Ireland and Scotland. Readings were consequently very uniform except in the north, where the gradient from Wick to Lumburgh 14<sup>th</sup> was 0.10 in. per 50 miles. W<sup>ly</sup> breezes prevailed over Scotland but elsewhere the wind was very variable in direction and light in force. Temperature had fallen several degrees in the west and north but had risen somewhat elsewhere. The sky was clear except in the south of England and over France; at Rochefort rain was falling. During the day very little change occurred, but in the evening a slight fall set in in the north.

NOV 7<sup>th</sup> The barometer had recovered in the north from the fall of the previous evening, and at 8am had risen slightly at all stations. An area of readings, exceeding 30<sup>th</sup> in., lay over France and southern England, and gradients were slight except in the north. The wind was fresh from the W<sup>ly</sup> at Lumburgh 14<sup>th</sup> and Skudesnaes, but was very light elsewhere—from between S and W over England, and E over France. Temperature had risen in the west, but fallen over the south of England. The sky was clear over Scotland and in the south-west but was very cloudy elsewhere. During the day very little change occurred.



Sunday 8 a.m.

# WEATHER REPORT. Nov<sup>r</sup> 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	29.69	-.21	35	33	+4	*	*	SW	2	2	SW	*	ob	*	*
Hernösand	30.01	-.24	35	33	+5	*	*	S	2	0	2	*	cb	*	*
Stockholm	30.16	+ .10	36	35	-10	*	*	SW	1	2	SW	*	b	*	*
Wisby	30.27	+ .09	45	43	-1	*	*	N	4	6	SW	*	c	*	*
Christiansund	30.06	+ .24	49	43	+5	*	*	SW	7	6	SW	*	o	*	5
Skudesnaes	30.15	+ .10	56	49	+2	*	*	SW	16	4	WNW	*	bz	*	5
Oxö (X'tiansand)	30.27	+ .14	49	45	+5	*	*	SW	6	4	WSW	*	b	*	4
Skagen (The Skaw)	30.31	+ .14	44	42	-2	*	*	WNW	2	4	NW	*	b	-	*
Fanö	30.39	+ .16	45	44	-2	*	*	SW	2	2	W	*	b	-	*
Cuxhaven	30.49	+ .19	45	45	+5	53	?	WSW	1	1	E	4	ob	-	*
Sumburgh Head	29.84	-.02	47	47	+4	50	46	W	8	7	WNW	10	pgr	0.11	7
Stormöway (Hebrides)	30.03	-.02	51	51	+14	52	36	WSW	7	18	WSW	10	do	0.09	7
Thurso	29.98	-.06	52	49	+12	53	39	W	5	5	W	8	o	0.01	3
Wick	30.05	-.01	47	43	+6	55	40	W	5	5	W	8	o	-	2
Nairn	30.09	-.02	49	46	+7	49	41	SW	2	2	SSW	6	c	-	1
Aberdeen	30.17	+ .05	48	47	+4	49	43	S	2	3	SW	8	bo	-	1
Leith	30.28	+ .07	51	48	+4	52	46	SW	6	3	W	5	c	-	*
Shields	30.39	+ .15	44	42	-3	50	42	WSW	4	4	WNW	3	bw	-	1
York	?	?	38	37	-5	54	35	S	1	1	NW	7	c	0.57	*
Scarborough	30.45	+ .13	44	43	+2	49	39	SW	1	1	SW	7	c	-	1
Nottingham	30.53	+ .13	31	31	-10	56	29	SSE	1	3	SW	0	bfg	-	*
Ardrossan	30.31	+ .09	52	49	+2	53	50	W	4	4	W	6	c	-	3
Greencastle	30.32	+ .05	48	47	+4	49	43	WSW	1	3	SW	10	c	-	*
Donaghadee	30.35	+ .08	47	47	+3	52	42	SSE	3	3	SSE	10	co	0.01	2
Kingstown	30.41	+ .05	56	48	+3	54	45	SE	3	3	W	8	co	-	2
Holyhead	30.41	+ .09	50	48	+1	53	48	SW	3	2	SW	6	bw	-	2
Liverpool (Bidston Obs.)	30.46	+ .16	39	38	-6	54	39	SSE	1	2	SW	5	c	-	1
Valencia	30.34	+ .03	55	55	+11	57	44	S	3	3	S	9	gm	0.06	3
Roche's Point	30.36	+ .00	50	50	+7	54	50	SSW	4	4	SSW	10	ow	0.28	4
Pembroke	30.45	+ .05	52	50	0	56	49	SE	2	2	SE	10	co	-	2
Portishead	30.50	+ .10	45	44	+3	54	36	E	2	3	ENE	10	om	-	1
Scilly	30.42	+ .00	55	55	+5	55	46	SE	4	4	ESE	7	c	0.03	4
Plymouth	30.46	+ .05	52	51	+7	54	45	E	1	1	E	10	cg	-	*
Hurst Castle	30.51	+ .09	50	49	0	54	42	E	1	1	E	10	bg	-	0
Dover	30.53	+ .13	41	40	-10	53	40	ENE	2	3	NNW	3	bm	-	1
London	30.54	+ .13	36	36	-8	53	35	Z	0	1	W	10	bfg	-	*
Oxford	30.52	+ .11	32	30	-8	51	28	Z	0	1	W	10	bfg	-	*
Cambridge	30.55	+ .15	33	33	-11	52	32	SW	1	1	W	6	bt	-	*
Yarmouth	30.53	+ .17	41	41	-4	51	38	W	1	1	WNW	4	bw	-	2
Helder															
Cape Gris Nez	30.52	+ .14	45	41	-9	55	42	Z	0	1	ENE	0	b	*	1
Brest	30.47	+ .06	52	50	0	61	50	E	3	4	NE	4	bc	-	2
L'Orient	30.42	+ .05	50	50	0	60	46	E	3	3	E	10	bc	-	2
Rocheport	30.41	+ .03	52	50	+1	41	46	ENE	4	3	E	10	bt	-	3
Biarritz	30.36	+ .01	45	45	-12	65	46	SE	4	4	ESE	0	g	-	3
Corunna	30.29	-	52	*	-	*	*	W	?	*	*	*	bc	*	1
Brussels	30.54	+ .15	45	*	-7	*	*	NW	3	*	*	*	g	*	*
Charleville	30.52	+ .06	42	*	-4	*	*	W	3	*	*	*	g	*	*
Paris	30.52	+ .10	46	*	-3	54	46	E	1	1	S	10	no	0.04	*
Lyons	?	?	55	*	+3	*	*	N	1	*	*	*	g	*	*
Toulon	30.38	-.01	53	49	-4	64	52	NE	3	1	NW	1	cb	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.		
Skudesnaes ...	30.15	47	44	WNW	6	*	c	5	Valencia ...	30.38	52	50	S	3	6	c	3
Thurso ...	30.15	47	44	SW	2	7	f	3	Scilly ...	30.43	54	50	ESE	3	7	c	4
Scarborough...	30.36	48	47	SW	1	6	c	1	London ...	30.44	52	49	W	1	3	b	*
Greencastle ...	30.30	49	48	SW	2	3	b	*	Rocheport...	30.36	68	61	E	4	0	b	3
Holyhead ...	30.39	52	50	SW	2	3	b	1									

The barometer has fallen slightly at Rocheport, but has risen elsewhere - most in the N. At Valencia the wind has "backed" to 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.** 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.

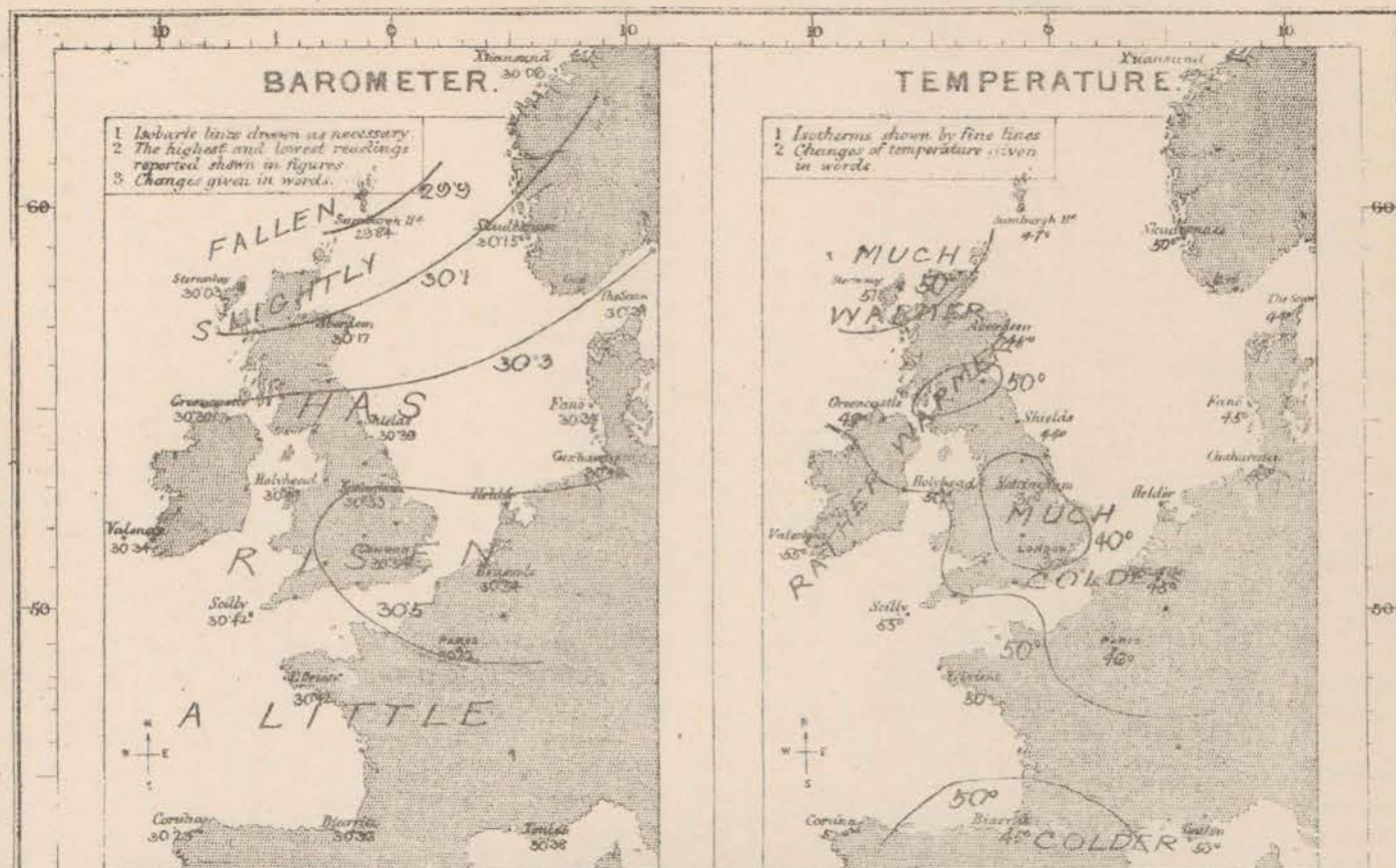
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

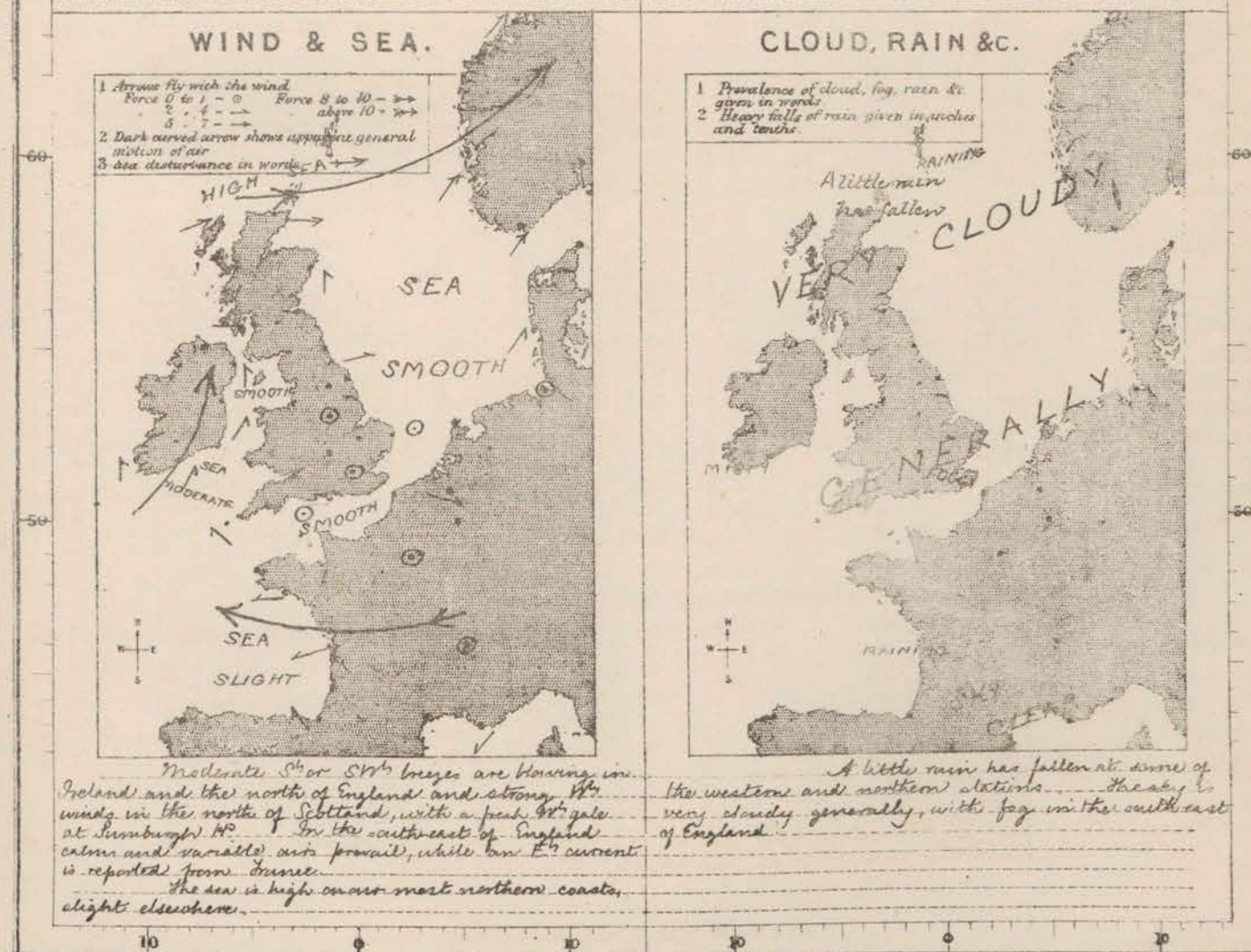
## AND REMARKS FOR

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



Since yesterday morning, a gradual increase of pressure has taken place at all but our most western and northern stations, where a decrease has set in during the night. The region of highest pressure now lies over Holland and Belgium, and the gradient from Harwich to Louth is 0.05 in., while that from Louth to Lumbagh 142 is 0.09 in. per 50 miles.

Temperature has risen somewhat on our western and northern coasts, but fallen several degrees at the south eastern stations.



Moderate S<sup>th</sup> or SW<sup>th</sup> breezes are blowing in Ireland and the north of England, and strong W<sup>th</sup> winds in the north of Scotland, with a peak W<sup>th</sup> gale at Lumbagh 142. In the south-east of England calm and variable air prevail, while an E<sup>th</sup> current is reported from Dunee. The sea is high on our most northern coasts, slight elsewhere.

A little rain has fallen at some of the western and northern stations. The sky is very cloudy generally, with fog in the south east of England.

Subscription for these Charts payable in advance to cover delivery.  
Delivery by hand 10/- per quarter.  
" " post 3/- per quarter.

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

Printed by J. W. & J. S. G. London.



Monday 8 a.m.

# WEATHER REPORT.

November 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 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 ...	29.10	- 59	36	33	+1	*	*	SW	4	6	SW	*	sc	*	*
Hernösand ...	29.48	- 53	39	35	+4	*	*	N	4	4	N	*	cb	*	*
Stockholm ...	29.75	- 41	50	46	+14	*	*	SW	8	6	SSW	*	oc	*	*
Wisby ...	29.97	- 30	50	48	+5	*	*	N	6	6	NW	*	e	*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...	30.03	- 12	50	48	0	*	*	WSW	6	8	SW	*	o	*	5
Oxö (X'tiansand) ...	30.04	- 23	50	48	+1	*	*	N	6	6	SW	*	ob	*	4
Skagen (The Skaw) ...	30.10	- 21	50	48	+6	*	*	N	4	8	NW	*	ob	-	*
Fanö ...						*	*					*			*
Cuxhaven ...	30.41f	- 08	41	41	-4	52	?	SW	2	2	SW	2	cb	-	*
Sumburgh Head ...	29.84f	- 00	50	50	+3	50	40	N	9	9	N	10	dq	0.32	8
Stornoway (Hebrides) ...	30.00f	- 03	49	47	-2	51	46	SW	6	7	NW	7	ow	0.01	6
Thurso ...	30.40f	+ 02	50	48	-2	53	44	SW	2	6	N	8	og	-	3
Wick ...	29.97f	- 08	50	48	+3	53	41	N	5	6	N	6	oc	-	2
Nairn ...	30.06f	- 03	50	47	+1	55	49	SW	3	4	SW	4	bo	-	2
Aberdeen ...	30.10f	- 07	44	43	-4	56	42	SW	1	3	SW	4	o	-	1
Leith ...	30.21f	- 07	52	51	+1	58	50	WSW	2	6	N	8	o	-	*
Shields ...	30.28f	- 11	50	49	+6	52	43	SW	2	5	SW	8	bg	-	1
York ...	?	?	49	49	+11	51	36	SW	1	1	SW	10	om	-	*
Scarborough ...	30.30f	- 15	50	49	+6	50	44	WSW	1	1	SW	8	ao	-	1
Nottingham ...	30.40f	- 13	51	50	+20	51	31	SE	1	2	S	10	gf	0.01	*
Ardrossan ...	30.21f	- 10	53	52	+1	53	52	N	2	4	N	9	c-	0.01	2
Greencastle ...	30.22f	- 10	51	51	+3	51	47	SW	1	3	SW	10	or	0.01	*
Donaghadee ...	30.23f	- 12	51	51	+4	51	47	S	1	3	SSE	10	o	-	3
Kingstown ...	30.33f	- 08	52	52	+2	55	49	SSE	1	3	SSE	5	gm	0.04	1
Holyhead ...	30.32f	- 09	54	54	+4	56	50	SSW	2	3	SSW	10	rfg	0.13	2
Liverpool (Bidston Obs.) ...	30.34f	- 12	53	51	+14	54	39	SSW	1	2	SE	10	co	-	1
Valencia ...	30.32f	- 02	52	52	-2	57	52	S	4	4	S	7	mo	0.49	4
Roche's Point ...	30.37e	+ 01	52	50	+2	50	50	SW	2	4	SW	9	mfo	0.12	3
Pembroke ...	30.40f	- 05	54	53	+2	56	52	SW	2	2	WSW	10	cg	-	2
Portishead ...	30.39f	- 11	52	50	+7	53	45	Z	0	2	NE	10	m	-	0
Scilly ...	30.39f	- 03	53	53	-2	57	51	Z	0	4	SSE	7	af	0.01	4
Plymouth ...	30.41f	- 05	52	50	0	59	50	E	1	1	SE	5	wf	-	*
Hurst Castle ...	30.42f	- 09	55	54	+5	62	49	SSW	1	2	SE	0	ow	-	0
Dover ...	30.44f	- 09	48	47	+7	51	40	NNE	1	2	ENE	4	bf	-	1
London ...	30.42f	- 12	50	49	+14	51	36	Z	0	2	S	9	fbo	-	*
Oxford ...	30.40	- 12	51	50	+19	51	32	Z	0	2	Z	10	mf	-	*
Cambridge ...	30.41f	- 14	49	48	+16	50	32	S	1	1	SW	10	co	-	*
Yarmouth ...	30.40f	- 13	49	48	+8	52	41	SW	1	1	SSW	10	bf	-	1
Helder ...	30.41		44	*		*	*	S	3	*	*	*	*	*	2
Cape Gris Nez ...	?	?	46	46	+1	?	43	SSW	1	1	SE	9	bf	-	1
Brest ...	30.43f	- 04	49	49	-3	64	48	SE	3	3	E	10	of	-	3
L'Orient ...	30.37f	- 05	48	48	-2	55	47	ESE	3	4	E	10	cm	-	2
Rocheport ...	30.35f	- 06	48	46	-4	63	46	E	5	5	ENE	10	bo	-	3
Biarritz ...	30.27r	- 09	52	50	+7	61	50	E	3	4	NE	0	f	-	3
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	30.46	- 08	44	*	-1	*	*	WSW	1	*	*	*	f	*	*
Charleville ...	?	?	40	*	-2	*	*	NE	3	*	*	*	f	*	*
Paris ...	30.46f	- 06	41	*	-5	51	41	E	4	3	ENE	10	m	-	*
Lyons ...	?	?	51	*	-4	*	*	NE	3	*	*	*	f	*	*
Toulon ...	30.34f	- 04	57	55	+4	62	53	E	4	3	NE	1	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 ...	30.05	51	49	WSW	8	*	Valencia ...						
Thurso ...							Scilly ...						
Scarborough ...							London ...						*
Greencastle ...						*	Rocheport ...	30.38	62	57	ENE	4	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.

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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.



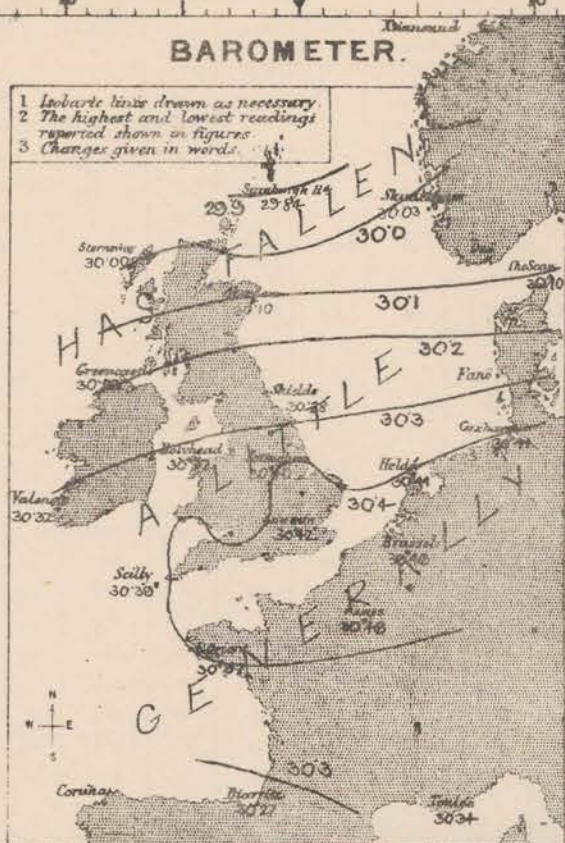
# WEATHER CHARTS

AND REMARKS FOR

MONDAY 9<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.

## BAROMETER.

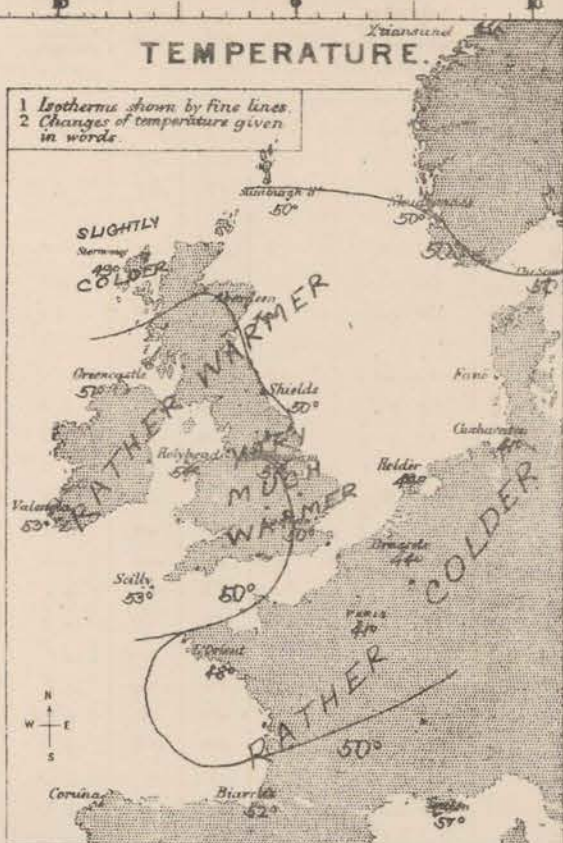
- 1 Isobars line drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The fall of the barometer which had set in in the west and north of our Islands yesterday morning, has since extended over the whole of Western Europe. An area of high readings lies over the Central and southern parts of England and the north of France, and the gradient from Nottingham to Birmingham H<sup>2</sup> is 0.07 in. per 50 miles.

## TEMPERATURE.

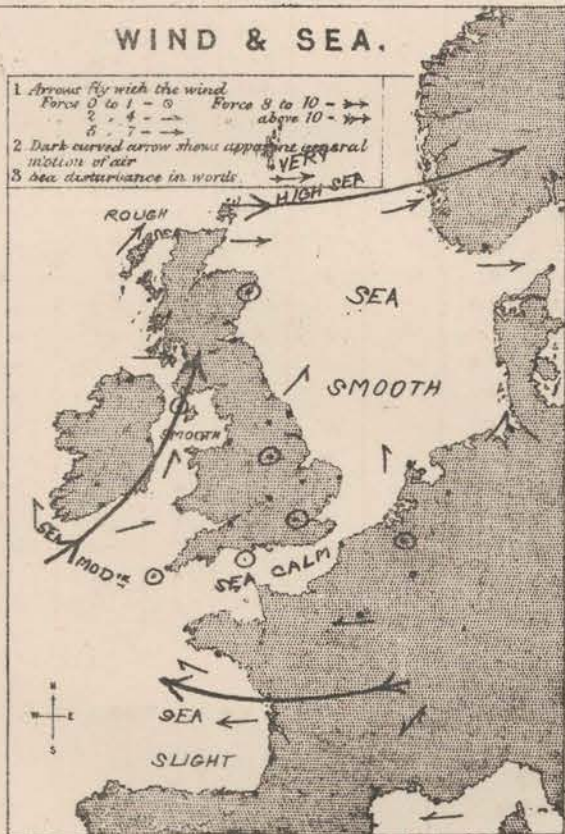
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen over the greater part of our Islands, especially in England, but fallen a little at the Continental stations.

## WIND & SEA.

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



The W. gale reported from Birmingham H<sup>2</sup> yesterday still continues, with hard squalls, and fresh W. breezes are experienced over the north of Scotland and south of Norway. Over the remainder of our Islands light S. breezes or calms are reported, and moderate E. winds in France. The sea is very high at Birmingham H<sup>2</sup>, rough at Stormway, 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.



A little rain has fallen in the west. The sky is cloudy at nearly all stations, and fog is general in the south and over France.

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book post 5/- per quarter.

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

Dangerfield, Inn 22, Bedford St. Covent Garden.



Tues. day 8 a.m.

# WEATHER REPORT.

Nov 10<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 ...	29.02	-.08	27	26	-.9	*	*	NE	2	4	SN	*	c	*	*
Hernösand ...	28.65	-.83	36	36	-.3	*	*	Z	0	2	SSN	*	bf	*	*
Stockholm ...	29.01	-.74	51	50	+1	*	*	SN	6	6	SN	*	o	*	*
Wisby ...	29.34	-.63	48	47	-.2	*	*	SN	6	4	SN	*	cr	*	*
Christiansund ...						*	*					*		*	
Skudesnaes ...	29.43	-.60	42	37	-.8	*	*	N	3	8	SN	*	oh	*	7
Oxö (X'tiansand) ...	29.43	-.61	40	39	-.10	*	*	N	6	8	SN	*	rf	*	4
Skagen (The Skaw) ...	29.39	-.71	44	40	-.6	*	*	NNN	10	3	NNN	*	ob	0.28	*
Fanö ...	29.66	-.62	48	46	-.3	*	*	N	6	6	SN	*	ro	0.24	*
Cuxhaven ...	29.85	-.56	46	45	+.5	?	37	NNN	6	5	SN	9	mr	0.06	*
Sumburgh Head ...	29.66	-.18	36	35	-.14	50	35	?N	9	9	N	10	ryz	0.32	8
Stornoway (Hebrides) ...	30.06	+.06	36	34	-.10	52	34	NNN	5	6	NNN	7	ryz	0.38	6
Thurso ...	29.93	-.07	40	35	-.10	54	36	NN	7	3	NNN	7	gfp	0.69	35
Wick ...	29.94	-.03	37	33	-.13	54	33	NN	6	7	NN	5	gfp	0.25	2
Nairn ...	30.02	-.04	38	35	-.12	56	36	NN	2	7	SN	3	fo	0.03	3
Aberdeen ...	29.92	-.18	38	35	-.6	57	37	NN	3	7	N	1	cgb	0.02	1
Leith ...	30.06	-.15	41	40	-.11	63	40	N	3	7	NNN	2	cgb	0.05	*
Shields ...	30.03	-.25	43	40	-.7	58	42	N	5	7	NNN	3	cr	-	1
York ...	?	?	43	40	-.6	57	41	NNN	1	2	N	0	cb	-	*
Scarborough ...	30.05	-.25	43	40	-.7	55	42	NNN	4	5	N	2	fb	0.07	3
Nottingham ...	30.16	-.24	47	46	-.4	58	47	NN	2	3	S	10	g	0.03	*
Ardrossan ...	30.10	-.11	44	39	-.9	55	44	NN	6	7	NN	4	eg	0.18	4
Greencastle ...	30.21	-.01	43	40	-.8	55	42	NN	3	5	NN	6	ge	0.08	*
Donaghadee ...	30.18	-.05	42	40	-.9	57	42	N	5	5	N	5	c	-	3
Kingstown ...	30.26	-.07	46	42	-.6	58	46	NNN	5	3	N	4	mc	0.01	4
Holyhead ...	30.20	-.12	48	42	-.6	56	43	NNN	6	4	SSN	4	mc	-	4
Liverpool (Bidston Obs.) ...	30.15	-.19	47	42	-.6	60	46	NNN	4	7	NNN	8	co	0.04	4
Valencia ...	30.23	+.01	48	47	-.5	55	47	N	4	5	SSN	6	mc	0.01	3
Roche's Point ...	30.28	-.09	47	45	-.5	53	46	NNE	4	4	NNE	5	oc	-	3
Pembroke ...	30.20	-.20	50	50	-.4	55	50	N	6	4	N	10	or	0.02	3
Portishead ...	30.14	-.25	52	51	0	60	49	N	4	3	NNN	10	co	-	3
Scilly ...	30.24	-.15	54	52	+.1	56	51	N	4	4	N	4	ge	0.01	4
Plymouth ...	30.20	-.21	51	50	-.1	59	47	N	1	1	SE	10	bf	-	*
Hurst Castle ...	30.16	-.26	52	51	-.3	66	49	NN	3	3	NN	10	bg	-	2
Dover ...	30.11	-.33	52	51	+.4	55	41	NNN	3	3	SN	3	mb	-	2
London ...	30.10	-.29	50	49	0	58	49	NNN	1	1	SN	10	cbo	-	*
Oxford ...	30.12	-.28	51	49	0	57	48	NNN	1	2	SN	10	og	-	*
Cambridge ...	30.09	-.32	51	50	+.2	57	46	SN	1	1	SN	10	co	-	*
Yarmouth ...	30.04	-.36	50	50	+.1	54	48	N	3	4	N	10	mg	-	2
Helder ...	29.96	-.45	53	*	+.9	*	*	NNN	6	*	*	*	*	*	4
Cape Gris Nez ...	30.11	?	52	50	+.6	53	44	SSN	4	3	S	10	o	-	3
Brest ...	30.26	-.17	51	49	+.2	57	43	NNE	1	3	S	10	o	-	3
L'Orient ...															
Rocheport ...	30.24	-.11	45	43	-.3	62	41	NE	4	5	E	10	bf	-	3
Biarritz ...	30.19	-.08	55	57	+.3	63	52	S	1	4	E	7	f	-	3
Corunna ...						*	*					*		*	
Brussels ...	30.13	-.33	44	*	0	*	*	SSN	4	*	*	*	o	*	*
Charleville ...	30.26	?	42	*	+.2	*	*	SN	3	*	*	*	o	*	*
Paris ...	?	?	43	*	+.2	46	?	SN	3	4	ENE	10	mo	-	*
Lyons ...	?	?	48	*	-.3	*	*	S	1	*	*	*	o	*	*
Toulon ...	30.22	-.12	56	47	-.1	62	55	NE	1	3	E	1	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 ...	29.80	51	49	SN	6	*	0	6	Valencia ...	30.29	53	52	SSN	5	7	5
Thurso ...	29.71	51	50	SSN	2	10	r	2	Scilly ...	30.34	55	54	S	3	7	4
Scarborough...	30.19	55	54	SN	2	10	f	1	London ...	30.34	58	55	SSN	1	9	3
Greencastle ...	30.11	55	54	NNN	4	9	0	*	Rocheport...	30.31	61	54	E	5	0	3
Holyhead ...	30.26	55	54	SSN	4	?	?	3								

Pressure continues to decrease at all stations - most in the N. The weather is cloudy or overcast and rain is falling at Thurso -

## 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.



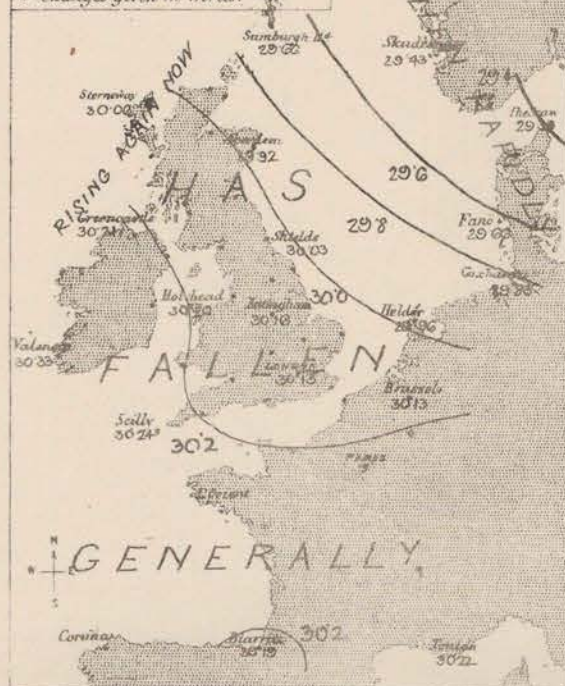
# WEATHER CHARTS

## AND REMARKS FOR

TUESDAY 10<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.

### BAROMETER.

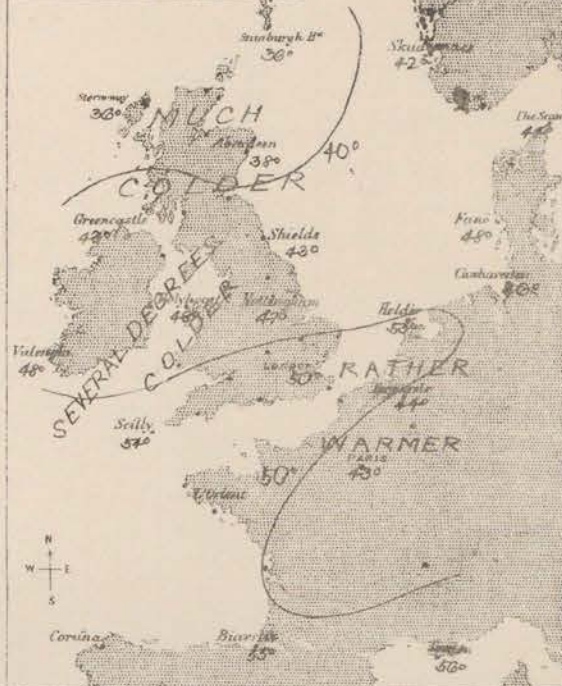
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The barometer has again fallen at all stations and during the night a depression appears to have passed over the North Sea to the NE. of our Islands. The lowest reading is in northern Sweden, while at our western stations a recovery has commenced. The gradients across the North Sea are 0.01 in. per 50 miles.

### TEMPERATURE.

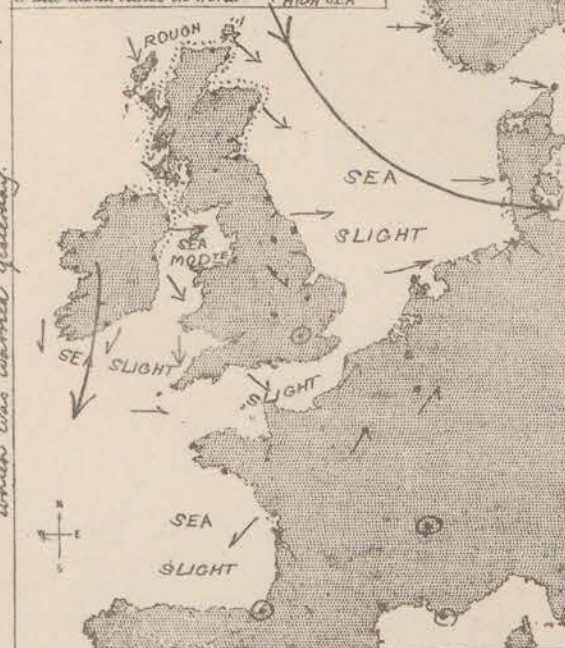
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen except in the south-east - very considerably in Scotland.

### WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 5 Force 8 to 10 - 15 above 10 - 20
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



The wind rose to a hard gale from the W. at Edinburgh 10 last night and to a moderate gale at many of our northern stations. This morning W. gales are reported at Edinburgh 10 and over the south of Norway, and moderate to fresh breezes from the same quarters on both shores of the North Sea. In the north and west of our Islands fresh N.W. winds are experienced, drawing into N.E. over the Bay of Biscay, or slight elsewhere. The sea is high in the north, moderate elsewhere.

### CLOUD, RAIN &c.

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



Aurora was seen at Trich last night. Some rain has fallen except in the south, and heavy showers of hail in the north, with snow at Trich. The sky is very cloudy except on our north-east coasts. Warnings were issued to our northern coasts yesterday afternoon.

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

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

Dangerfield, Lith. 22 Bedford St. Covent Garden



Wednesday 8 a.m.

# WEATHER REPORT.

November 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 11.)	Force. — (0 to 12.)	Dir.					
Haparanda ...						*	*					*			*	
Hernösand ...	29.07	+ .42	30	28	-6	*	*	NN	2	6	NN	*	ob	*	*	
Stockholm ...	29.12	+ .11	35	33	-16	*	*	NNN	4	10	N	*	bo	*	*	
Wisby ...	29.25	- .09	40	35	-8	*	*	NN	6	8	NN	*	bo	*	*	
Christiansund...						*	*					*		*		
Skudesnaes ...	29.60	+ .17	34	33	-8	*	*	NNN	6	8	NNN	*	ro	*	6	
Oxö (X'tiansand)	29.41	- .02	36	33	-4	*	*	NN	4	4	NNN	*	ob	*	3	
Skagen (The Skaw)	29.43	+ .04	27	24	-7	*	*	NN	2	2	NNE	*	b	-	*	
Fanö ...	29.59	- .07	37	36	-11	*	*	NN	8	8	NN	*	cgr	0.04	*	
Cuxhaven ...	29.67f	- .18	40	39	-6	48	?	NNN	7	9	NN	9	h	0.05	*	
Sumburgh Head	29.89r	+ .23	30	30	-6	36	27	N	9	9	N	7	s	0.04	7	
Stornoway (Hebrides)	30.15r	+ .09	33	32	-3	36	29	NNN	3	6	NNN	4	sgc	0.12	5	
Thurso...	30.05f	+ .12	35	33	-5	41	32	NNN	7	7	NNN	7	gfb	0.24	6	
Wick ...	30.05f	+ .11	32	31	-5	46	29	N	6	7	NNN	10	ps	0.23	2	
Nairn ...	30.11f	+ .09	33	32	-5	39	32	NN	1	2	NNN	4	bo	-	1	
Aberdeen ...	30.02f	+ .10	31	30	-7	41	31	NNN	3	4	NNN	2	cht	0.21	4	
Leith ...	30.12f	+ .06	33	31	-8	49	30	N	3	3	NN	7	bo	-	*	
Shields...	30.11f	+ .08	33	31	-10	45	31	NN	3	6	NN	2	b	-	1	
York ...	?	?	33	31	-10	48	30	N	1	1	NN	0	b	-	*	
Scarborough ...	30.07f	+ .02	34	31	-9	45	33	NNN	2	4	NNN	3	cb	-	4	
Nottingham ...	30.19f	+ .03	30	28	-17	50	28	SSW	1	3	NN	2	cm	-	*	
Ardrossan ...	30.15f	+ .05	39	35	-5	45	37	NN	4	6	NN	5	v	-	2	
Greencastle ...	30.24f	+ .03	39	38	-4	44	38	NN	4	5	NN	9	cp	0.08	*	
Donaghadee ...	30.19f	+ .01	38	38	-4	45	36	NNN	3	5	NN	8	po	0.21	2	
Kingstown ...	30.31f	+ .05	38	36	-8	48	38	NNN	4	6	NN	3	cb	-	3	
Holyhead ...	30.22f	+ .02	44	41	-4	49	42	NNN	5	7	NNN	5	wo	0.02	4	
Liverpool (Bidston Obs.)	30.18f	+ .03	39	38	-8	47	38	NNN	3	6	NN	9	cp	0.05	3	
Valencia ...	30.42s	+ .09	46	43	-2	52	39	N	4	4	N	6	v	-	3	
Roche's Point...	30.38r	+ .10	44	42	-3	51	37	N	2	4	NNE	3	b	-	3	
Pembroke ...	30.30r	+ .10	45	40	-5	50	43	NN	4	6	N	7	v	0.01	3	
Portishead ...	30.22r	+ .08	42	39	-10	54	36	N	4	5	NE	5	ro	-	3	
Scilly ...	30.32r	+ .08	48	43	-6	55	46	NNE	6	6	NNE	5	ro	-	5	
Plymouth ...	30.28r	+ .08	39	38	-12	55	37	NNN	1	2	NNN	4	cf	-	*	
Hurst Castle ...	30.22r	+ .06	37	35	-15	62	34	NNN	1	3	NN	1	cb	-	0	
Dover ...	30.14f	+ .03	34	32	-18	54	32	NNN	3	4	NN	4	cb	-	2	
London ...	30.18f	+ .05	34	32	-16	53	33	NN	2	2	NN	0	gob	-	*	
Oxford...	30.20	+ .08	34	32	-17	51	31	N	1	5	NN	0	cb	-	*	
Cambridge ...	30.15f	+ .06	32	29	-19	52	29	N	1	2	NN	0	cb	-	*	
Yarmouth ...	30.05f	+ .01	34	33	-16	51	32	NNN	4	5	NN	5	cm	0.05	4	
Helder...	29.89	- .07	41	*	-12	*	*	NN	5	*	*	*	*	*	5	
Cape Gris Nez...	30.10f	- .01	39	37	-12	54	38	N	5	5	NNN	2	cb	-	4	
Brest ...	30.31r	+ .05	46	42	-5	55	44	NNE	3	3	NNE	7	v	-	2	
L'Orient ...	30.17f	- .06	46	42	+2	54	43	N	5	5	N	8	v	-	3	
Rocheport ...	30.11f	- .13	48	44	+3	49	39	ENE	7	4	NE	10	r	-	3	
Biarritz ...	30.10f	- .09	50	48	-5	62	47	E	1	3	E	9	v	-	3	
Corunna ...						*	*					*			*	
Brussels ...	30.03	- .10	49	*	+5	*	*	N	3	*	*	*	ro	*	*	
Charleville ...	30.10	- .16	37	*	-5	*	*	N	3	*	*	*	v	*	*	
Paris ...	30.14r	?	39	*	-4	48	39	NN	3	4	SN	0	ob	-	*	
Lyons ...	?	?	50	*	+2	*	*	N	2	*	*	*	v	*	*	
Toulon...	29.86f	- .26	50	46	-6	65	48	NN	4	4	NN	1	b	-	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	35	33	NNN	10	*	h	7	Valencia ...	30.39	49	45	NNE	3	6	c	3
Thurso ...	30.02	38	33	NNN	7	6	spc	6	Scilly ...	30.25	53	51	NNE	5	8	v	4
Scarborough...	30.10	44	39	NNN	4	7	c	5	London ...	30.13	50	45	NN	2	10	go	*
Greencastle ...	30.28	43	39	NNN	5	7	c	*	Rocheport...	30.21	46	42	?N	4	10	f	3
Holyhead ...	30.22	47	41	NNN	6	4	v	5									

The barometer is now rising over the whole of our Islands but continues to fall at Rocheport. The wind has cleared a little generally - to NNE in the SW. and the weather is colder.

## 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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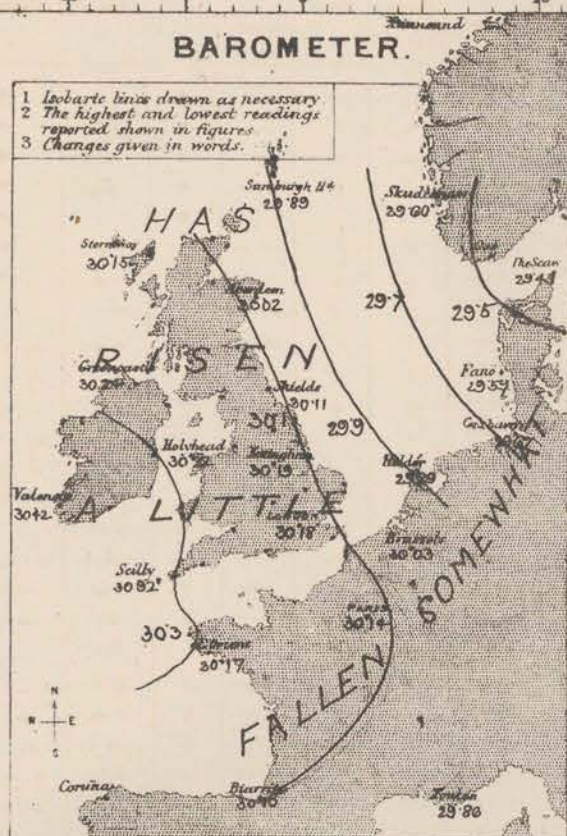
# WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 11<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.

## BAROMETER.

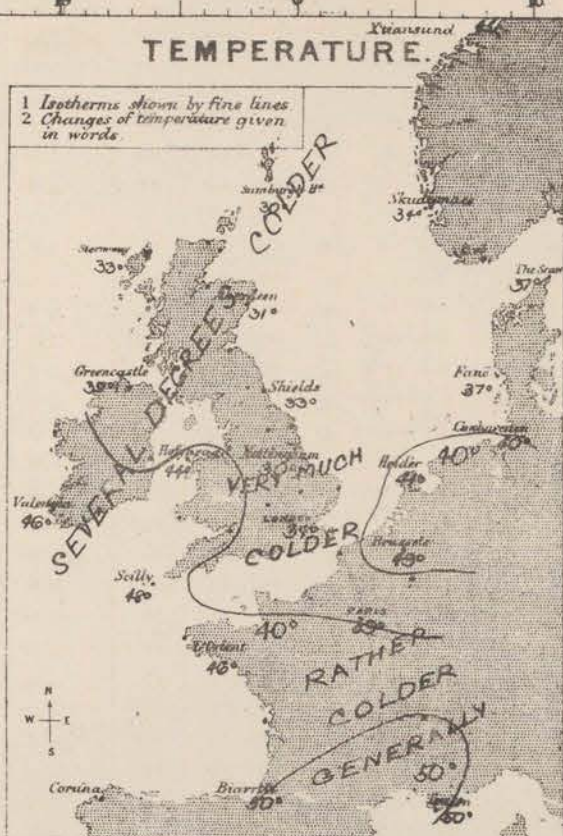
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



During the past twenty-four hours the barometer has risen over our Islands and on the west coast of Norway, while it has fallen over France, Germany and Denmark. The rise over the United Kingdom has, however, been very slight, and, during the night a decrease has taken place at nearly all stations. The lowest readings are still found over Sweden, and the gradient from Yarmouth to Paris is nearly 0.08 in. per 50 miles.

## TEMPERATURE.

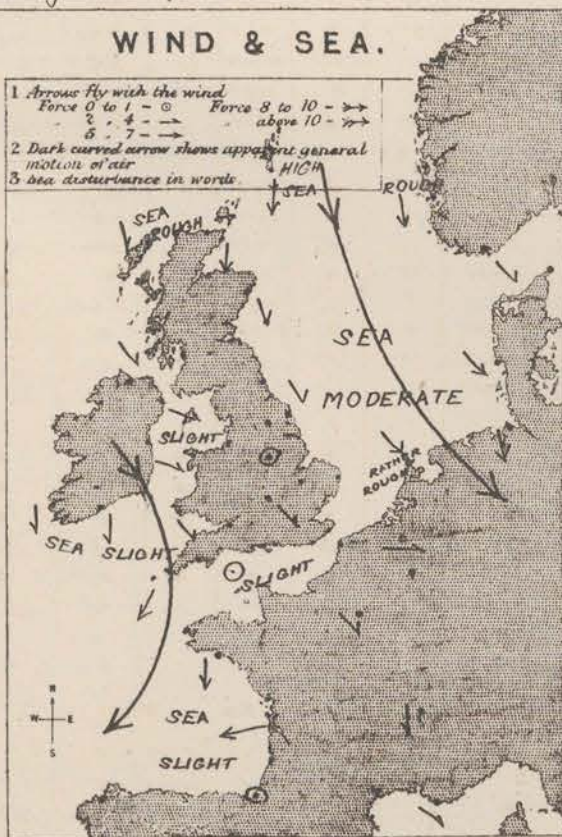
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has fallen everywhere as much as 19° in the south east of England.

## WIND & SEA.

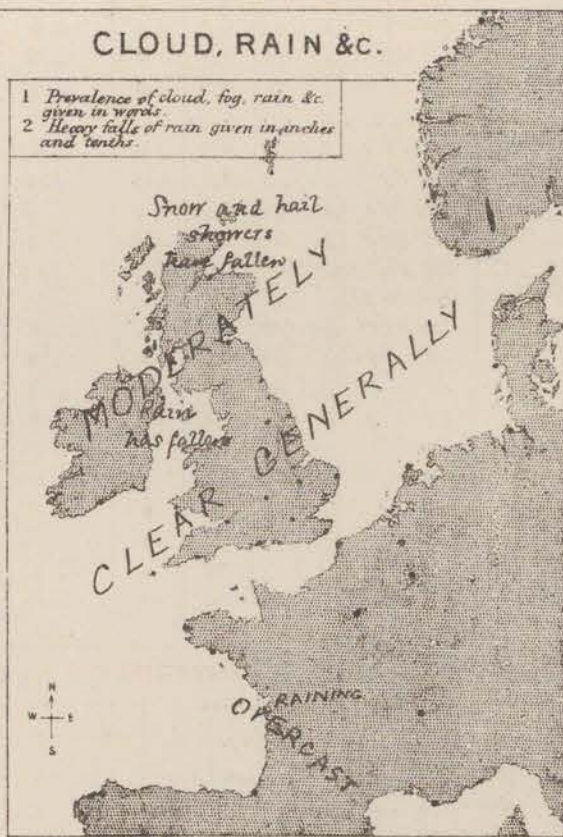
- 1 Arrows fly with the wind  
Force 0 to 1 - ○  
2 - 4 - →  
5 - 7 - →→  
Force 8 to 10 - →→→  
above 10 - →→→→
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



NW winds are now general except in the south west and over the Bay of Biscay, where they draw into NE or E. Over our Islands they are generally moderate in force but fresh in Calhaven, and a hard N gale is reported from Sumburgh. The sea continues high in the north, 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.



Snow and hail showers have occurred in the north of Scotland, and a little rain has fallen in the north-west. The sky is clear in the south of England, overcast with rain in the west of France, but moderately clear elsewhere. The signals were lowered in the north yesterday afternoon.

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Delivery by hand 10/- per quarter  
book post 5/- per quarter.

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



Thursday 8 a.m.

# WEATHER REPORT.

November 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.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. — (0 to 12.)	Force. — (0 to 12.)					Direc.
Haparanda ...	29.47		30	29		*	*	NNE	2	6	NE	*	a	*	*
Hernösand ...	29.46	+ .39	32	31	+2	*	*	N	4	2	NN	*	bo	*	*
Stockholm ...	29.41	+ .29	24	23	-11	*	*	NN	2	2	NNN	*	cb	*	*
Wisby ...	29.41	+ .16	37	33	-3	*	*	N	4	4	N	*	c	*	*
Christiansund...						*	*					*		*	
Skudesnaes ...	29.65	+ .05	35	35	+1	*	*	N	2	7	NNE	*	oc	*	2
Oxö (X'tiansand)	29.58	+ .17	36	30	0	*	*	NN	2	2	N	*	b	*	2
Skagen (The Skaw)	29.56	+ .13	41	36	+4	*	*	NNN	2	2	NE	*	b	—	*
Fanö ...	29.63	+ .04	38	32	-4	*	*	NN	2	0	Z	*	b	—	*
Cuxhaven ...	29.61	- .06	37	36	-3	?	32	NE	3	7	NN	5	hw	0.23	*
Sumburgh Head	29.91	+ .02	38	38	+8	38	27	?NNN	7	9	N	8	so	0.07	7
Stornoway (Hebrides.)	30.19	+ .04	39	38	+6	?	29	NNN	3	6	N	8	gho	0.18	6
Thurso...	30.08	+ .03	41	39	+6	42	31	NNN	6	7	N	7	opa	0.35	5
Wick ...	30.07	+ .02	36	34	+4	37	28	N	5	7	N	6	sa	0.17	2
Nairn ...	30.14	+ .03	36	34	+2	37	32	NN	1	1	NN	6	osp	0.01	2
Aberdeen ...	30.03	+ .01	36	34	+5	36	31	NNN	3	5	NNN	2	spb	0.20	3
Leith ...	30.13	+ .01	36	34	+3	41	32	NN	3	3	N	1	spb	0.02	*
Shields...	30.04	- .07	33	33	0	39	32	NNN	5	6	NNN	10	bs	0.18	6
York ...	?	?	32	32	-1	44	30	N	1	1	N	10	cs	—	*
Scarborough ...	29.98	- .09	37	36	+3	39	33	NNN	4	5	NNN	7	slc	0.27	5
Nottingham ...	30.05	- .14	33	31	+3	42	29	NNN	4	4	NN	0	bm	—	*
Ardrossan ...	30.18	+ .03	34	32	-5	42	32	N	2	4	NN	3	b	—	1
Greencastle ...	30.25	+ .01	39	37	0	41	36	NNN	1	5	NNN	9	o	0.18	*
Donaghadee ...	30.17	- .02	40	37	+2	42	37	N	5	6	NNN	5	pe	0.29	4
Kingstown ...	30.24	- .07	35	32	-3	46	33	NNN	5	7	NN	5	oc	0.02	4
Holyhead ...	30.14	- .08	41	36	-3	47	39	N	5	6	NN	4	pge	0.06	4
Liverpool (Bidston Obs.)	30.11	- .07	36	32	-3	43	32	NNN	3	5	NN	1	cb	0.02	2
Valencia ...	30.03	- .09	42	40	-4	49	40	?	3	6	N	6	pe	0.06	3
Roche's Point...	30.25	- .13	37	35	-7	48	34	NNN	3	5	NNN	2	cb	—	3
Pembroke ...	30.19	- .11	38	34	-7	46	35	NNE	4	6	N	7	hp	0.07	2
Portishead ...	30.05	- .17	36	33	-6	48	31	NNE	7	7	NNE	0	go	0.02	5
Scilly ...	30.10	- .19	40	40	-5	49	39	NNE	6	7	NNN	7	pqf	0.08	5
Plymouth ...	30.09	- .19	36	33	-3	49	33	NN	4	5	NN	0	pm	0.10	*
Hurst Castle ...	30.01	- .21	32	30	-5	47	29	N	4	5	NNE	0	ob	0.02	3
Dover ...	29.80	- .31	36	34	+2	40	31	NNN	5	4	NNN	6	osg	0.02	3
London ...	29.95	- .23	33	32	-1	42	32	N	2	2	NNN	0	osb	0.02	*
Oxford...	30.00	- .20	30	29	-4	42	29	NNN	3	3	NNN	0	cb	0.02	*
Cambridge ...	29.92	- .23	31	30	-1	40	29	NNN	2	2	NNN	0	cb	—	*
Yarmouth ...	29.83	- .22	41	39	+7	42	33	NNN	5	6	NN	6	gsu	0.37	6
Helder...	29.66	- .23	43	*	+2	*	*	N	5	*	*	*	*	*	4
Cape Gris Nez...	29.76	- .34	38	38	-1	42	36	NNN	8	7	N	10	om	—	6
Brest ...	30.07	- .24	38	36	-8	50	37	NNE	3	7	N	4	re	0.12	2
L'Orient ...	29.93	- .24	40	38	-6	52	40	NNE	7	7	NNE	4	c	—	3
Rochefort ...	29.86	- .25	44	42	-4	52	40	NNE	5	7	ENE	10	o	0.08	3
Biarritz ...	29.90	- .17	45	43	-5	52	41	?	4	3	E	9	o	—	2
Corunna ...			*	*		*	*				*	*	*	*	
Brussels ...	29.75	- .28	34	*	-15	*	*	NNN	6	*	*	*	s	*	*
Charleville ...	29.80	- .30	29	*	-8	*	*	NN	1	*	*	*	b	*	*
Paris ...	29.83	- .31	31	*	-8	44	31	NN	4	5	NN	10	co	0.16	*
Lyons ...	?	?	45	*	-5	*	*	NE	3	*	*	*	o	*	*
Toulon...	29.99	+ .13	36	32	-14	61	36	NN	8	5	NN	1	fb	—	6

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.53	37	34	NN	8	*	c	4	Valencia ...	30.37	46	44	N	3	6	g
Thurso ...	30.02	37	34	N	7	6	spe	6	Scilly ...	30.27	48	44	NNN	5	7	p
Scarborough...	29.98	38	34	NNN	5	7	c	6	London ...	30.06	42	38	NNN	2	9	bc
Greencastle ...	30.18	40	38	NNN	5	8	o	*	Rochefort...	30.13	51	46	ENE	5	8	c
Holyhead ...	30.12	45	41	NN	6	5	hge	5								

The barometer has continued to fall slowly over our Islands while it has recovered slightly at Rochefort. The winds are almost unchanged except at Scarborough where a stiff breeze is blowing. Hail squalls are reported from Wales.

## 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 (mazy); 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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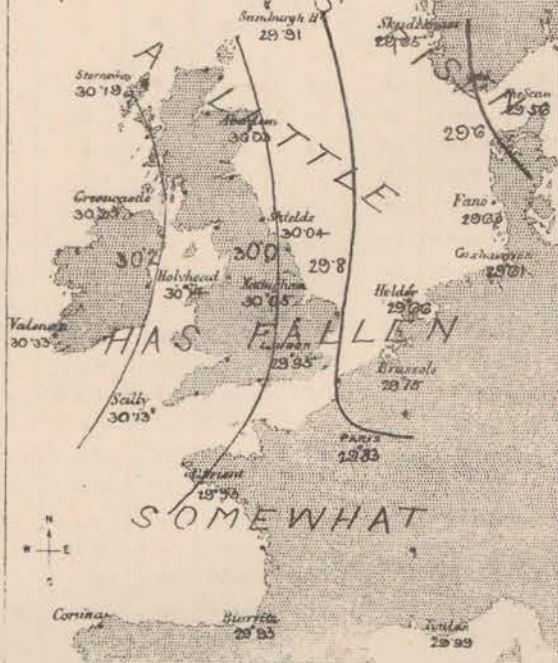
# WEATHER CHARTS

AND REMARKS FOR

THURSDAY 12<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.

## BAROMETER.

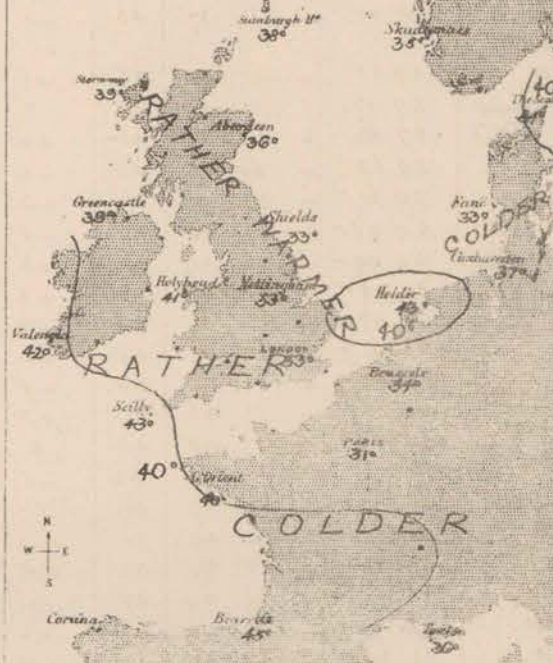
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- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



The barometer has risen slightly at our northern stations, while it has again fallen in the south - most in the south-east. During the night, however, a recovery has set in, and more northern and western coasts, and the depression noticed yesterday seems to have advanced further S.W. The gradient from Humber Castle to Cape Breton is 0.42 in per 50 miles.

## TEMPERATURE.

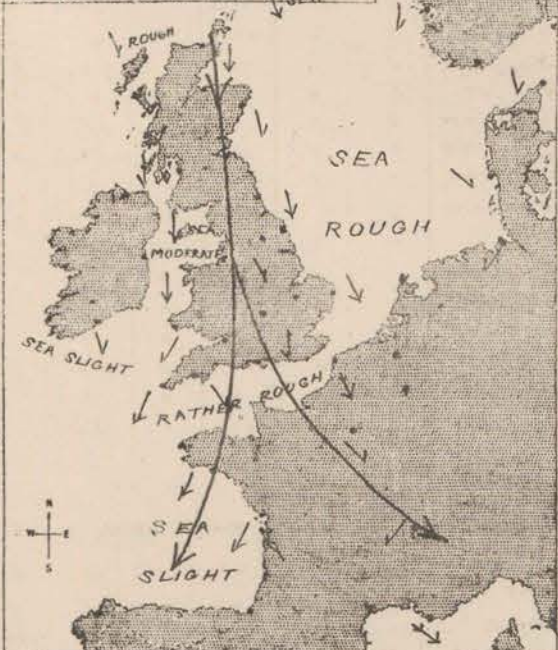
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has risen over Scotland while it has again fallen elsewhere. Frosts have occurred at Tonsen and at several of our stations.

## WIND & SEA.

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



The wind is fresh from the N.W. at all our stations this morning, but drives into N.E. over the Bay of Biscay and into N.W. in the south of France. On the eastern shores of the North Sea light N.W. breezes are reported.

The sea is high at Southampton, rough on our east coast, and rather so in the Channel.

## CLOUD, RAIN &c.

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



Snow showers have fallen at all our northern and eastern stations and sometimes at Bournemouth and York. A little rain has fallen in the south-west. The sky is clear in the south, moderately so generally but cloudy at some of our western and northern stations.

Mornings were veiled to our east coast. Signals lowered again this morning.

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

Dangerfield Lith London.



Fri-day 8 a.m.

# WEATHER REPORT.

November 13<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	29.78	+ .31	20	20	-10	*	*	NE	2	4	NE	*	60	*	*
Hernösand	29.68	+ .22	27	26	-5	*	*	N	2	2	N	*	60	*	*
Stockholm	29.66	+ .25	30	30	+6	*	*	NE	2	0	Z	*	60	*	*
Wisby	29.66	+ .25	33	31	-4	*	*	S	2	4	NN	*	60	*	*
Christiansund						*	*					*		*	
Skudesnaes	29.71	+ .06	33	31	-2	*	*	N	4	4	NNE	*	60	*	2
Oxö (X'tiansand)	29.66	+ .08	33	32	-3	*	*	NE	2	2	NNE	*	60	*	?
Skagen (The Skaw)	29.62	+ .06	36	32	-5	*	*	NE	4	2	NE	*	60	-	*
Fanö	29.53	- .10	32	32	-1	*	*	NE	2	2	NN	*	60	0.04	*
Cuxhaven	29.52f	- .09	39	39	+2	?	34	WSW	3	6	WSW	8	60	0.18	*
Sumburgh Head	29.87r	- .04	36	36	-2	39	26	N	6	7	NNN	5	60	0.09	6
Sornoway (Hebrides)	30.06f	- .13	38	36	-1	39	35	NN	3	3	NNN	4	60	0.06	5
Thurso	29.97r	- .11	40	38	-1	46	39	N	5	6	NNN	8	60	0.19	4
Wick	29.99r	- .08	39	37	+3	41	34	NNN	4	5	NN	4	60	0.06	2
Nairn	29.99r	- .15	39	37	+3	43	36	NNN	2	4	NN	7	60	-	4
Aberdeen	29.87f	- .16	38	36	+2	41	36	N	2	4	NNN	1	60	0.15	3
Leith	29.96f	- .17	41	39	+5	46	35	NNE	3	3	NN	4	60	-	*
Shields	29.83f	- .21	39	39	+6	40	32	N	7	6	NNN	7	60	0.05	5
York	?	?	39	37	+7	45	30	N	1	2	N	5	60	0.01	*
Scarborough	29.79f	- .19	41	40	+4	49	35	NNN	5	6	NNN	9	60	0.81	5
Nottingham	29.86f	- .19	43	43	+10	43	33	NNN	4	4	NN	7	60	0.01	*
Ardrossan	29.96f	- .22	42	39	+8	48	34	NNN	3	6	NNN	4	60	-	2
Greencastle	30.06f	- .19	44	43	+5	45	37	NN	4	4	NN	10	60	0.10	*
Donaghadee	29.94f	- .23	46	42	+6	47	39	NNN	6	6	NNN	4	60	0.05	5
Kingstown	30.04f	- .20	45	44	+10	47	34	NNN	5	6	NN	7	60	-	3
Holyhead	29.92f	- .22	44	46	+8	50	40	NNN	6	6	NNN	6	60	0.05	4
Liverpool (Bidston Obs.)	29.88f	- .23	45	43	+9	46	36	NNN	3	6	N	7	60	0.07	3
Valencia	30.24f	- .09	48	46	+6	50	40	N	6	5	NE	7	60	0.10	5
Roche's Point	30.10f	- .12	46	45	+9	47	36	NNN	5	6	NN	7	60	-	3
Pembroke	30.01f	- .18	47	45	+9	47	37	NN	5	5	ENE	10	60	-	3
Portishead	29.89f	- .16	45	43	+9	46	33	N	4	7	NNE	8	60	-	3
Scilly	30.09f	- .04	46	45	+3	46	39	NNN	6	7	NNN	7	60	0.17	6
Plymouth	30.01f	- .08	42	42	+6	54	34	NN	2	4	NN	10	60	0.02	*
Hurst Castle	29.90f	- .11	43	42	+11	44	32	NNN	3	5	NE	10	60	-	3
Dover	29.68f	- .25	38	36	+2	42	34	NNN	3	5	NNE	5	60	-	2
London	29.83f	- .12	39	38	+6	41	33	NN	2	5	NN	10	60	0.04	*
Oxford	29.74	- .26	40	39	+10	40	30	N	2	3	NNN	10	60	0.03	*
Cambridge	29.00f	+ .08	40	39	+9	41	30	NNN	1	4	N	10	60	0.05	*
Yarmouth	29.72f	- .11	37	37	-4	45	33	NNN	4	5	NNN	10	60	0.29	4
Helder	29.60	- .06	42	*	-1	*	*	NNN	4	*	*	*	60	*	4
Cape Gris Nez	29.80f	+ .04	40	36	+2	44	34	NNN	5	8	N	5	60	0.08	4
Brest	30.12f	+ .05	47	45	+9	?	37	N	5	7	N	10	60	0.04	4
L'Orient	30.02f	+ .09	45	41	+5	46	38	NNN	5	8	NE	8	60	-	4
Rocheport	30.04r	+ .18	41	37	-3	49	37	N	5	8	NNE	5	60	-	3
Biarritz	30.05r	+ .12	37	35	-8	45	36	E	3	7	NE	0	60	0.12	5
Corunna			*	*	*	*	*	*	*	*	*	*		*	
Brussels	29.72	- .03	43	*	+9	*	*	WSW	4	*	*	*	60	*	*
Charleville	29.84	+ .04	39	*	+10	*	*	WSW	1	*	*	*	60	*	*
Paris	29.88r	+ .05	35	*	+4	39	31	SW	3	5	N	10	60	-	*
Lyons	?	?	39	*	-6	*	*	N	3	*	*	*	60	*	*
Toulon	29.55r	- .44	42	40	+6	49	36	NN	3	8	NN	9	60	-	4

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

TEMPERATURES AND REMARKS.																	
	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Ses.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Ses.		
Skudesnaes ...	29.65	38	36	NNN	4	*	c	Valencia ...	30.25	45	40	NE	3	5	c	3	
Thurso ...	30.03	42	38	NNN	6	8	g	5	Scilly ...	30.18	42	41	NNE	6	7	h of	6
Scarborough...	29.97	49	48	NNN	5	7	p	6	London ...	29.98	41	37	NNN	3	0	bm	*
Greencastle ...	30.24	41	39	NN	2	8	o	*	Rocheport...	29.90	43	38	N	8	7	c	5
Holyhead ...	30.15	44	39	NNN	5	5	c	4									

The barometer has risen somewhat in the S. and SW. while it has fallen slightly in the N. The wind at Valencia has backed to NE.

## EXPLANATION OF COLUMNS.

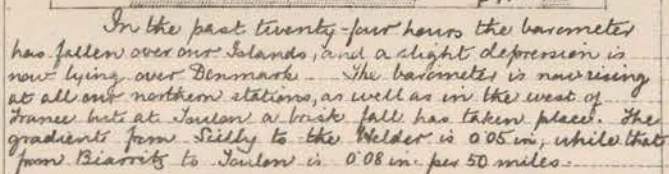
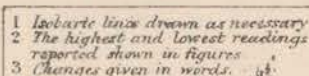
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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

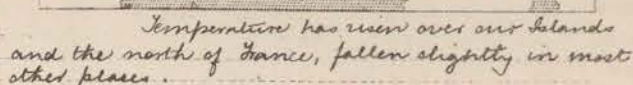
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



FRIDAY 13<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.



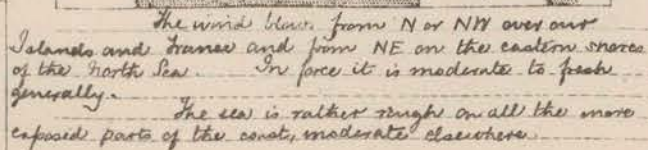
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



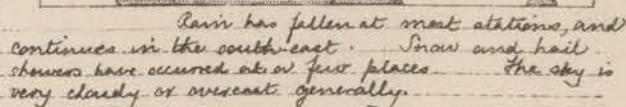
1. Arrows fly with the wind  
Force 0 to 1 - ○ Force 8 to 10 - →  
2, 4 - → above 10 - →  
5, 7 - →

2. Dark curved arrow shows apparent general motion of air

3. Sea disturbance in words



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



Dangerfield, John, 22 Bedford St. Covent Garden



Saturday 8 a.m.

# WEATHER REPORT.

November 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. 1 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 ...	29.65	- .13	18	18	-2	*	*	NE	2	2	NE	*	0	*	*
Hernösand ...	29.61	- .07	18	17	-9	*	*	Z	0	2	N	*	0	*	*
Stockholm ...	29.76	+ .10	23	23	-7	*	*	SW	2	2	NN	*	0	*	*
Wisby ...	29.90	+ .24	33	33	0	*	*	NN	4	4	N	*	0	*	*
Christiansund ...	29.73		35	33		*	*	N	2	4	S	*	0	*	5
Skudesnaes ...	29.85	+ .14	38	36	+5	*	*	NNN	4	2	NE	*	0	*	2
Oxö (X'tiansand) ...	29.85	+ .19	34	32	+1	*	*	NNN	2	2	NNN	*	0	*	2
Skagen (The Skaw) ...	29.87	+ .25	35	33	-1	*	*	NNN	4	2	ENE	*	0	*	*
Fanö ...	29.96	+ .42	29	28	-3	*	*	Z	0	4	NNE	*	0	*	*
Cuxhaven ...	29.94	+ .42	38	37	-1	?	29	NE	4	3	NE	2	0	*	*
Sumburgh Head ...	29.85	- .02	41	39	+5	42	34	Z	0	6	N	10	0	4	4
Stornoway (Hebrides) ...	30.03	- .03	44	44	+6	44	36	N	2	4	NN	10	0.02	4	4
Thurso ...	30.02	+ .05	46	44	+6	47	39	NNN	4	5	N	7	0.13	3	3
Wick ...	30.00	+ .01	42	41	+3	45	36	NN	2	4	NNN	6	0.17	1	1
Nairn ...	30.07	+ .08	42	39	+3	43	39	NE	1	2	?	6	0	2	2
Aberdeen ...	30.02	+ .15	43	41	+5	45	37	N	1	2	N	5	0.00	2	2
Leith ...	30.12	+ .16	42	40	+1	48	37	SW	2	3	NNE	4	0	*	*
Shields ...	30.12	+ .29	38	37	-1	43	36	NNN	3	7	N	6	0.07	4	4
York ...	30.17	?	38	36	-1	44	35	NNE	1	1	NNE	5	0.05	*	*
Scarborough ...	30.12	+ .33	39	37	-2	44	39	NN	1	6	N	9	0.09	3	3
Nottingham ...	30.19	+ .33	39	37	-4	46	37	N	1	5	N	10	0	*	*
Ardrossan ...	30.15	+ .19	43	46	+6	43	39	NN	3	3	NNN	7	0.01	1	1
Greencastle ...	30.22	+ .76	46	45	+2	46	42	N	1	4	NNN	10	0.12	*	*
Donaghadee ...	30.18	+ .24	44	44	-2	48	42	N	3	6	N	10	0	2	2
Kingstown ...	30.28	+ .24	45	43	0	49	41	NNN	4	7	NNN	9	0	3	3
Holyhead ...	30.20	+ .28	49	47	0	50	45	NNN	3	6	N	5	0	3	3
Liverpool (Bidston Obs.) ...	30.19	+ .01	42	39	-3	45	38	NNN	1	4	N	8	0	2	2
Valencia ...	30.36	+ .12	49	46	+1	52	46	N	3	6	N	7	0.05	3	3
Roche's Point ...	30.29	+ .16	47	45	+1	51	43	N	4	5	N	7	0	3	3
Pembroke ...	30.24	+ .23	45	42	-2	49	40	Z	0	5	N	8	0.03	0	0
Portishead ...	30.20	+ .31	40	38	-5	50	36	N	3	7	N	8	0	3	3
Scilly ...	30.23	+ .14	50	46	+4	51	44	N	6	6	N	6	0.06	4	4
Plymouth ...	30.22	+ .21	38	38	-4	52	34	NNN	1	2	NN	6	0.00	*	*
Hurst Castle ...	30.18	+ .28	39	38	-4	48	34	N	2	4	NNN	5	0	2	2
Dover ...	30.09	?	39	38	+1	45	36	N	4	6	NNE	5	0.06	3	3
London ...	30.15	+ .32	36	35	-3	45	36	NN	1	4	NN	5	0.01	*	*
Oxford ...	30.17	?	36	35	-4	46	34	N	1	5	NN	10	0	*	*
Cambridge ...	30.16	?	35	34	-5	44	33	NN	1	3	N	7	0.01	*	*
Yarmouth ...	30.09	+ .37	38	37	+1	45	35	NN	0	7	NE	6	0.12	4	4
Helder ...	30.04	+ .44	41	*	-1	*	*	NNN	4	*	*	*	0	2	2
Cape Gris Nez ...	30.07	+ .27	38	36	-2	46	37	Z	0	8	N	8	0.32	1	1
Brest ...	30.17	+ .05	43	41	-4	53	41	N	4	8	N	4	0.08	3	3
L'Orient ...	30.10	+ .08	45	41	0	52	44	N	7	7	NNN	5	0	3	3
Rochefort ...	30.02	- .02	43	39	+2	53	39	NNE	7	5	N	0	0	3	3
Biarritz ...	30.06	+ .01	43	41	+6	?	37	SE	3	3	E	9	0.51	5	5
Corunna ...				*	*	*	*			*	*	*	0	*	*
Brussels ...	30.06	+ .34	35	*	-8	*	*	NE	6	*	*	*	0	*	*
Charleville ...	30.02	+ .18	38	*	-1	*	*	NE	3	*	*	*	0	*	*
Paris ...	30.02	+ .14	39	*	+4	45	35	NE	7	5	NNN	10	0	*	*
Lyons ...	?	?	41	*	+2	*	*	N	3	*	*	*	0	*	*
Toulon ...	29.52	- .03	36	31	-6	44	35	NN	5	5	NN	8	0.24	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 ...	29.80	32	33	Z	0	*	6	1	Valencia ...	30.22	50	48	N	6	7	6
Thurso ...	30.04	43	38	N	4	8	0	4	Scilly ...	30.03	50	48	NNN	6	8	6
Scarborough...	29.86	44	41	N	5	8	0	5	London ...	29.80	45	40	NN	3	9	*
Greencastle ...	30.13	45	42	NNN	4	5	0	*	Rochefort...	29.98	46	41	N	5	10	3
Holyhead ...	?	48	43	N	5	5	0	5								

The recovery of pressure noticed in the N. this morning continues and is extending S. The winds remain fresh from the N. and the sea is rather rough in the E. and N.

## EXPLANATION OF COLUMNS.

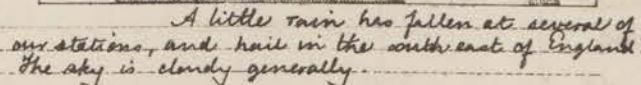
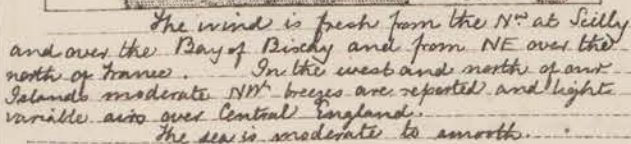
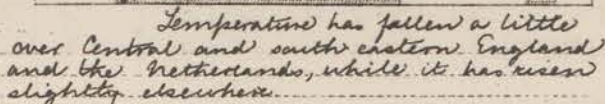
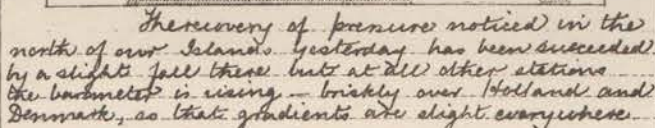
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; 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 14<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.



Dangerfield, Lith. London



# SUMMARY OF WEATHER IN WESTERN EUROPE

from Nov<sup>r</sup> 8<sup>th</sup> to Nov<sup>r</sup> 14<sup>th</sup> 1874.

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

During the first two days of this period the mercury was highest over our south-eastern stations, and a depression was advancing from the NW<sup>th</sup> and the winds were consequently W<sup>th</sup> in the north and SW<sup>th</sup> in the west. But by the morning of the 10<sup>th</sup> this depression had passed on to Sweden, and the highest readings were established in the west and south-west of these Islands. These conditions, which were marked by the passage of small depressions down the North Sea in a SSE<sup>th</sup> direction, continued till the close of the week, and NW<sup>th</sup> to N<sup>th</sup> winds were experienced on all coasts. Temperature has consequently fallen considerably, and frost has occurred at several stations. Rain has been general, and heavy falls of snow have occurred at a few places.

NOV<sup>r</sup> 8<sup>th</sup> A slight increase of pressure was reported from all but the extreme northern and western stations, where the barometer had fallen somewhat during the night. A band of high pressure extended over Central Europe and the south-east of England, while the lowest readings lay to the NW<sup>th</sup> of Scotland, and the gradient from Leith to Sumburgh H<sup>o</sup> was 0.09 in. per 50 miles. Strong W<sup>th</sup> winds were experienced over Scotland and the south of Norway, reaching the force of a gale at Sumburgh H<sup>o</sup>, while moderate S<sup>th</sup> breezes were reported from Ireland, E<sup>th</sup> from France, and calm and variable airs over the south-east of England. Temperature had risen generally, but in the south-east it had fallen several degrees. The sky was very cloudy with fog or mist at some stations.

NOV<sup>r</sup> 9<sup>th</sup> The fall in the west and north had continued and extended to all our stations. The region of high readings still held over Central Europe and the south of England, and the gradient from Nottingham to Sumburgh H<sup>o</sup> was 0.07 in. per 50 miles. The winds were almost unaltered: the W<sup>th</sup> gale continuing at Sumburgh H<sup>o</sup> and fresh W<sup>th</sup> breezes over Scotland and Norway. Temperature had risen generally, very considerably over Central England. Fog prevailed at most of the southern stations and the sky was cloudy generally. By 2pm the barometer had again fallen at all stations, rapidly in the north.

NOV<sup>r</sup> 10<sup>th</sup> The barometer had fallen over the whole of Western Europe, rapidly over Scandinavia and a large depression appears to have advanced over that Peninsular from the NW<sup>th</sup>. In the west and north of our Islands the barometer, though it had fallen since the previous morning, had recovered somewhat since 6pm. Gradients across the North Sea were 0.09 in. per 50 miles. N<sup>th</sup> gales were experienced at Sumburgh H<sup>o</sup> and Christiansund, W<sup>th</sup> gales over the south of Norway and the Skager Rack, and fresh W<sup>th</sup> breezes over the whole of the North Sea. In the west of our Islands NW<sup>th</sup> winds were reported, drawing into NE over the Bay of Biscay. Temperature had fallen except in the south-east, especially in Scotland. Snow had fallen at Wick, and hail and rain showers at many stations. The sky was very cloudy except in the north-east. By 2pm the barometer was rising except at Rochefort-

NOV<sup>r</sup> 11<sup>th</sup> A slight rise of the mercury had taken place over the British Isles and on the west coast of Norway but at the remainder of the Continental stations, and since 6 o'clock on the previous evening at our stations also, a decrease was reported. The N<sup>th</sup> gale still held at Sumburgh H<sup>o</sup> and fresh breezes



from that quarter were felt in the north of Scotland; elsewhere moderate NW winds were reported, drawing into NE over the Bay of Biscay. Temperature had fallen generally, especially in the south east of England. At Nottingham it had fallen  $17^{\circ}$ , as low as to  $30^{\circ}$  F. The sky was clear in the south of England, moderately so generally but overcast in the south west of France. During the day the mercury continued to fall slowly.

Nov. 12<sup>th</sup> The barometer had fallen over France and the south of our Islands, while a slight rise was reported from the north. The decrease had been greatest in the south east, and the gradient from Hurst Castle to Cape Gris Nez was 0.125 in. per 50 miles. The wind was N<sup>h</sup> in direction over the whole of Western Europe, light in force on the eastern shores of the North Sea but moderate to strong over our Islands and France. Temperature had again fallen except over Scotland and was several degrees below the average for the time of year in the south east. Snow had fallen at all our northern and eastern stations, and continued at York, Shields and Brussels. The sky was cloudy in some parts of the west and north but was generally clear elsewhere. During the day pressure rose in the south west but began to give way again in the north.

Nov. 13<sup>th</sup> A shallow depression was lying over Denmark, and the barometer had fallen somewhat at all stations except in the neighbourhood of the Skager Rack. Since 6 pm of the previous day, however, a recovery had also set in at our northern stations. The lowest readings were found over Denmark, and the gradient from Valencia to the Helder was 0.06 in. per 50 miles, but at the same time a brisk fall had taken place at London and a depression was apparently lying over the Gulf of Lyons. The wind was NE<sup>h</sup> on the eastern shores of the North Sea, N<sup>h</sup> over our Islands and the Bay of Biscay, and SW<sup>h</sup> or W<sup>h</sup> in the north of France and the Netherlands. In force it was moderate or fresh generally, but strong at some of our stations and in the west of France. Temperature had risen several degrees except over Norway. Rain had fallen at most places, and continued in the south east of England, and the sky was very cloudy or overcast generally.

Nov. 14<sup>th</sup> During the past night the barometer had fallen slightly at our northern stations but elsewhere a rise had taken place. In the extreme south of France, however, a slight further fall was reported and a well marked depression lay over Central Italy, the gradient from Biarritz to London being 0.09 in. per 50 miles, for N<sup>h</sup> winds. The winds consequently were fresh from that quarter over the Bay of Biscay and from NE in the north of France, while in the west and north of our Islands moderate NW<sup>h</sup> breezes were reported, with light variable airs over Central England. Temperature had fallen over England and the Netherlands, but had risen slightly elsewhere. The sky was rather cloudy generally. During the day a fresh fall had set in at our northern stations.



Sunday 8 a.m.

# WEATHER REPORT. Nov 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.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. — (0 to 12.)	Force. — (0 to 12.)	Direc.				
Haparanda ...	29.58	-.07	19	18	+1	*	*	NE	2	2	NE	*	o	*	*
Hernösand ...	29.63	+ .02	19	19	+1	*	*	Z	0	0	Z	*	ob	*	*
Stockholm ...	29.70	-.06	24	23	+1	*	*	W	2	4	SW	*	bc	*	*
Wisby ...	29.83	-.07	36	32	+3	*	*	NW	4	6	SW	*	ab	*	*
Christiansund ...	29.56	-.17	34	32	-1	*	*	ESE	4	0	Z	*	o	*	4
Skudesnaes ...	29.46	-.39	42	41	+4	*	*	ESE	6	2	NNE	*	or	*	7
Oxö (K'iansand) ...	29.65	-.20	34	32	0	*	*	N	4	4	WNW	*	co	*	2
Skagen (The Skaw) ...	29.71	-.16	38	37	+3	*	*	SW	2	1	E	*	ab	—	*
Fanö ...	29.76	-.20	45	44	+16	*	*	SW	2	0	Z	*	be	0.04	*
Cuxhaven ...	29.87	-.07	36	36	-2	42	?	SW	3	2	WSW	9	ef	—	*
Samburgh Head ...	29.40	-.45	40	38	-1	49	38	WNW	6	5	WNW	9	op	0.09	4
Stornoway (Hebrides) ...	29.66	-.37	41	40	-3	50	38	WNW	2	5	WNW	9	z	0.40	5
Thurso ...	29.61	-.41	45	42	-1	49	43	WNW	5	4	NW	9	de	0.24	4
Wick ...	29.66	-.34	41	41	-1	44	39	WNW	2	2	W	5	op	0.18	1
Nairn ...	29.65	-.42	44	42	+2	50	42	W	1	1	W	8	co	0.09	1
Aberdeen ...	29.66	-.36	42	39	-1	50	41	W	1	2	W	1	cb	0.19	1
Leith ...	29.76	-.36	45	44	+3	53	40	W	3	3	W	6	c	0.03	*
Shields ...	29.80	-.32	46	44	+8	49	32	NNW	5	5	NNW	8	bo	0.02	4
York ...	29.87	-.30	49	47	+11	57	36	NNW	1	3	N	9	co	0.15	*
Scarborough ...	29.82	-.30	46	44	+7	48	40	W	1	1	NW	9	o	0.03	2
Nottingham ...	29.94	-.25	49	48	+10	49	37	WSW	4	3	W	10	bu	0.10	*
Ardrossan ...	29.83	-.32	49	45	+1	53	47	NW	6	6	NW	7	oc	0.11	4
Greencastle ...	29.92	-.30	48	47	+2	50	45	WSW	2	4	NW	10	d	0.24	*
Donaghadee ...	29.92	-.26	47	45	+3	49	44	W	4	4	W	10	o	0.04	3
Kingstown ...	30.04	-.24	50	47	+5	52	44	SSE	5	5	W	10	mg	0.01	3
Holyhead ...	29.98	-.22	51	48	+2	53	48	WNW	4	4	NW	10	zo	0.14	3
Liverpool (Bidston Obs.) ...	29.93	-.26	49	47	+7	50	43	W	5	6	WSW	10	o	0.11	4
Valencia ...	30.16	-.20	52	50	+3	54	47	N	3	3	N	9	pan	0.04	3
Roche's Point ...	30.10	-.19	49	48	+2	52	48	WSW	2	4	N	8	co	—	2
Pembroke ...	30.06	-.18	54	50	+9	52	43	WNW	6	6	WNW	10	pu	0.02	3
Portishead ...	30.02	-.18	49	49	+9	50	39	W	5	6	W	10	po	0.10	3
Scilly ...	30.19	-.04	53	51	+3	53	49	WNW	5	6	N	9	co	—	4
Plymouth ...	30.11	-.11	48	48	+10	53	38	Z	0	2	N	10	mg	0.01	*
Hurst Castle ...	30.05	-.13	49	49	+10	49	37	WNW	2	3	N	10	op	0.03	2
Dover ...															
London ...	30.02	-.13	44	44	+8	44	36	NW	1	2	NW	10	fer	0.06	*
Oxford ...	29.99	-.18	47	46	+11	47	36	W	1	2	WSW	10	ew	0.04	*
Cambridge ...	29.96	-.20	44	43	+9	44	35	SW	1	1	NW	10	or	0.04	*
Yarmouth ...	29.91	-.18	44	40	+6	46	34	WSW	3	3	NW	10	ow	0.09	3
Helder ...															
Cape Gris Nez ...	30.03	-.02	44	42	+6	47	37	W	3	4	N	10	om	0.24	2
Brest ...	30.24	+ .07	52	50	+9	51	41	NW	4	5	N	10	o	0.04	3
L'Orient ...	30.17	+ .07	50	48	+5	53	43	N	5	7	NNE	9	co	—	2
Rochefort ...	30.14	+ .15	46	42	+3	57	40	NNE	4	7	NNE	10	bo	—	3
Biarritz ...	30.24	+ .18	41	39	-2	48	36	SE	3	7	NE	10	co	0.16	4
Corunna ...	30.34	-	51	*	-	*	*	NE	3	*	*	*	c	*	5
Brussels ...	30.04	-.02	42	*	+7	*	*	WSW	3	*	*	*	o	*	*
Charleville ...	30.07	+ .05	29	*	-9	*	*	S	1	*	*	*	g	*	*
Paris ...	30.11	+ .09	37	*	-2	42	36	SSE	3	5	N	10	bo	—	*
Lyons ...	?	?	36	*	-5	*	*	N	3	*	*	*	c	*	*
Toulon ...	29.63	+ .11	38	33	+2	45	37	NW	5	5	NW	7	o	—	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.		
Skudesnaes ...	29.85	36	36	W	2	g	2	Valencia ...	30.37	50	47	N	3	5	c	3	
Thurso ...	29.97	48	47	W	2	dg	2	Scilly ...	30.29	57	49	NNE	5	7	c	4	
Scarborough...	30.10	46	44	NW	1	8	o	3	London ...	30.16	43	40	NW	1	10	co	*
Greencastle ...	30.16	50	50	WNW	4	10	d	*	Rochefort..	30.08	49	42	NNE	7	0	g	3
Holyhead ...	30.21	49	47	NNW	4	5	cg	3									

The mercury is falling slowly at our N<sup>e</sup> stations, and the wind has "backed" to W. at Thurso, where fog is reported. No other change of consequence.

## 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.

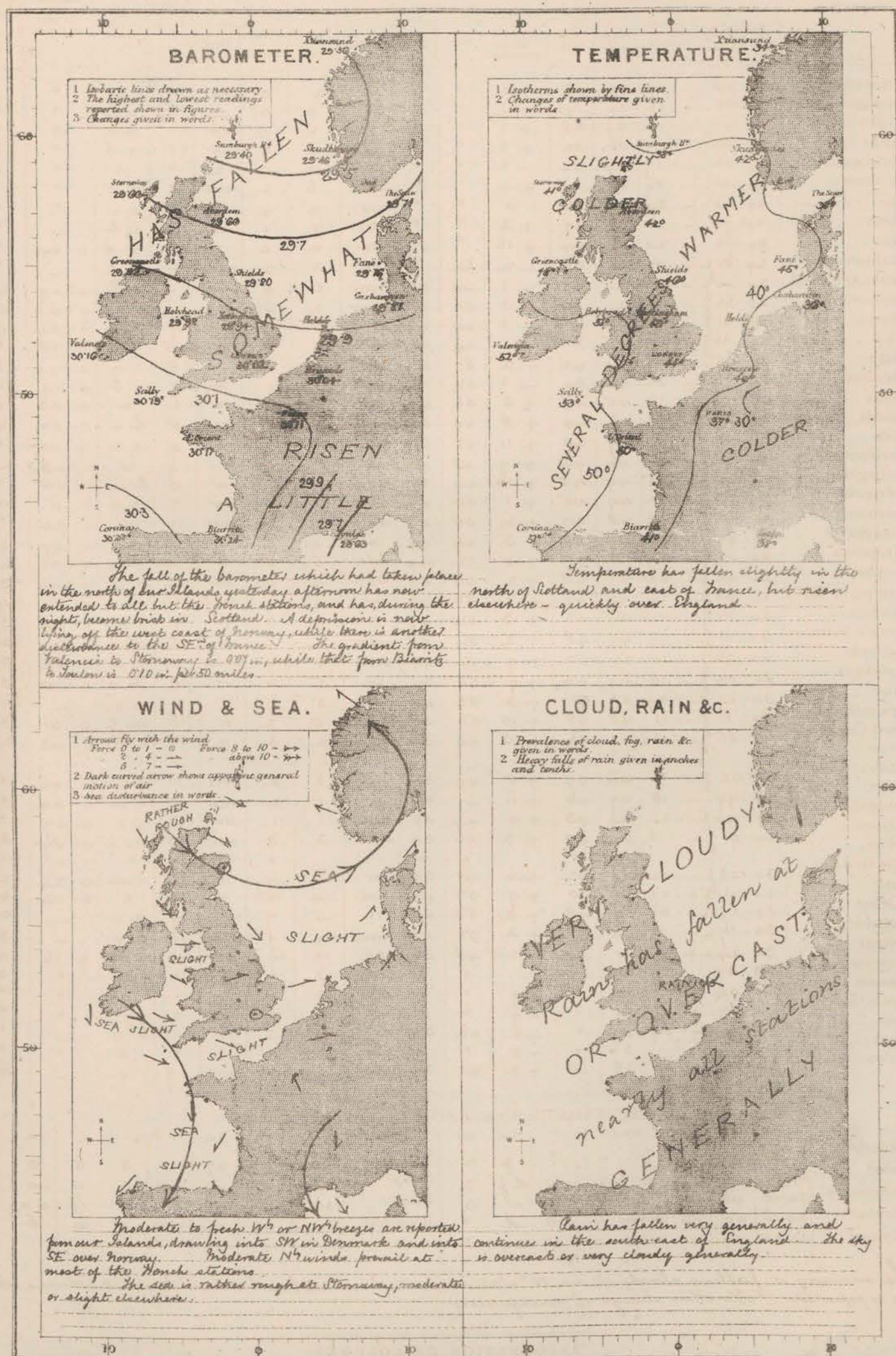
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

## AND REMARKS FOR

### SUNDAY 15<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.



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

Daguerfield, Lith. 22 Bedford St. Covent Garden



Mon-day 8 a.m.

# WEATHER REPORT.

Nov 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.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29.80	+ .22	14	14	-5	*	*	NE	2	2	NE	*	o	*	*
Hernösand ...	29.65	+ .02	23	22	+4	*	*	SE	2	0	2	*	bo	*	*
Stockholm ...	29.45	- .25	33	33	+9	*	*	E	4	1	SE	*	os	*	*
Wisby ...	29.49	- .34	39	37	+3	*	*	S	4	2	S	*	c	*	*
Christiansund...	29.19	- .37	39	35	+5	*	*	NE	2	4	SSE	*	co	*	3
Skudesnaes ...	29.18	- .28	37	37	-5	*	*	NNN	2	4	NNN	*	ro	*	2
Oxö (X'tiansand)	29.16	- .49	42	40	+8	*	*	SN	4	4	SN	*	ro	*	3
Skagen (The Skaw)	29.26	- .45	40	39	+2	*	*	SN	4	8	S	*	re	0.20	*
Fanö ...	29.30	- .46	41	40	-4	*	*	S	4	4	N	*	at	0.40	*
Cuxhaven ...	29.36f	- .51	39	38	+3	?	34	SSN	2	5	SN	7	ro	0.22	*
Sumburgh Head	29.25f	- .45	39	39	-1	44	35	NNN	5	6	NNN	7	p	0.20	4
Stornoway (Hebrides)	29.46f	- .20	39	37	-2	43	35	NNN	4	4	?	8	ho	0.44	5
Thurso...	29.37f	- .24	42	39	-3	46	38	NNN	5	5	NNN	7	p	0.46	4
Wick ...	29.35f	- .31	36	35	-5	45	34	NN	4	5	NN	4	po	0.30	2
Nairn ...	29.46f	- .19	38	37	-6	47	36	N	1	1	N	8	co	0.07	1
Aberdeen ...	29.41f	- .25	39	36	-3	48	36	NNN	2	3	N	2	cb	-	1
Leith ...	29.54f	- .22	42	40	-3	50	38	NN	3	3	N	3	cb	-	*
Shields...	29.55f	- .25	40	38	-6	47	38	NN	3	5	NNN	6	oro	0.05	3
York ...	?	?	42	38	-7	51	36	NNN	2	3	N	3	cb	0.92	*
Scarborough ...	29.55f	- .27	40	38	-6	47	39	N	3	2	N	5	oo	0.13	2
Nottingham ...	29.66f	- .28	43	40	-6	51	40	NN	3	4	NNN	5	um	0.10	*
Ardrossan ...	29.59f	- .24	45	42	-4	50	43	NN	6	6	NN	6	qf	0.35	4
Greencastle ...	29.72s	- .20	44	43	-4	49	43	NN	5	6	NNN	10	pg	0.34	*
Donaghadee ...	29.68s	- .24	43	42	-4	48	42	N	5	4	N	10	s	0.08	4
Kingstown ...	29.82s	- .22	45	43	-5	51	45	NNN	5	5	N	6	ro	0.12	3
Holyhead ...	29.77f	- .21	48	44	-3	53	47	NN	6	5	N	5	rge	0.23	5
Liverpool (Bldston Obs.)	29.69s	- .24	46	42	-3	50	43	N	6	7	NNN	7	oc	0.37	5
Valencia ...	30.06f	- .10	52	50	0	54	49	N	1	7	NN	7	ue	0.20	7
Roche's Point...	29.95f	- .15	50	49	+1	54	49	NN	5	6	NN	7	ole	0.16	4
Pembroke ...	29.88f	- .18	50	46	-4	54	48	NN	6	7	NN	7	qe	0.07	4
Portishead ...	29.79f	- .23	46	44	-3	53	44	NNN	5	6	N	9	po	0.06	4
Scilly ...	30.00s	- .19	53	49	0	54	51	NNN	6	6	NNN	7	oo	0.14	5
Plymouth ...	29.89f	- .22	49	47	+1	53	48	NN	2	2	NN	10	mo	0.04	*
Hurst Castle ...	29.79f	- .26	47	45	-2	52	44	NN	5	5	NN	2	pb	0.07	4
Dover ...	29.63f	- .45	42	42	?	49	40	N	3	3	N	4	ro	0.39	3
London ...	29.70f	- .32	45	42	+1	49	43	N	1	2	N	6	ro	0.13	*
Oxford...	29.72	- .27	44	42	-3	50	43	N	2	3	N	10	go	0.08	*
Cambridge ...	29.62f	- .34	43	40	-1	50	42	NN	2	2	NN	4	oc	0.04	*
Yarmouth ...	29.55f	- .36	41	40	-3	48	38	NNN	4	5	NNN	7	dq	0.05	3
Helder...	29.37	- .41	*	*	*	*	*	N	3	*	*	*	*	*	?
Cape Gris Nez...	29.60f	- .40	47	43	+3	51	43	NN	5	4	NNN	5	ro	0.24	4
Brest ...	30.04f	- .20	54	52	+2	55	49	NNN	7	7	NNN	6	o	0.16	4
L'Orient ...	29.89f	- .28	53	51	+3	55	49	NNN	7	8	NNN	7	o	-	4
Rochefort ...	29.89f	- .28	55	51	+9	?	44	NNN	7	5	NNN	10	ro	0.05	7
Biarritz ...	30.00f	- .21	57	57	+16	?	41	NNN	9	8	N	10	r	0.40	7
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.55	- .49	44	*	+2	*	*	SE	2	*	*	*	re	*	*
Charleville ...	? 29.62	- .45	42	*	+13	*	*	N	3	*	*	*	c	*	*
Paris ...	29.69f	- .42	49	*	+12	?	44	NN	5	4	SN	10	or	0.32	*
Lyons ...	?	- .35	*	*	+1	*	*	E	3	*	*	*	s	*	*
Toulon...	29.68f	+ .05	45	40	+7	48	37	NN	4	5	NN	9	o	-	6

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

Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.33	41	40	NNN	6	*	Valencia ...						
Thurso ...							Scilly ...						
Scarborough ...							London ...						*
Greencastle ...						*	Rochefort ...	30.17	53	48	SSN	4	10
Holyhead ...													3

## EXPLANATION OF COLUMNS.

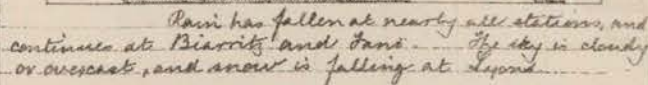
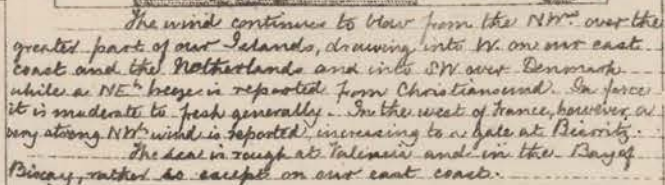
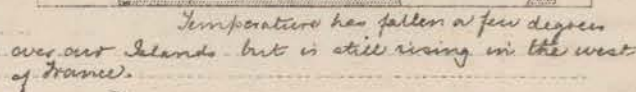
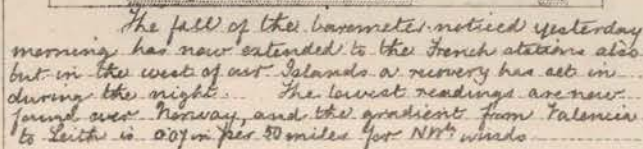
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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



MON DAY 16<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.



Darvillfield Lith. London



Tues-day 8 a.m.

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

STATIONS.	BAROMETER.		THERMOMETERS.				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 hours.	Sea Disturbance. 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 ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...						*	*					*		*	*
Oxö (X'tiansand) ...						*	*					*		*	*
Skagen (The Skaw) ...	29.26	00	40	40	0	*	*	SSE	4	2	SH	*	cr	0.20	*
Fanö ...	29.25	-05	37	36	-4	*	*	NNN	4	0	L	*	ra	0.16	*
Cuxhaven ...	29.26f	-10	37	37	-2	44	?	NNN	2	3	NNN	7	ra	0.22	*
Sumburgh Head ...	29.42r	+17	35	35	-4	40	33	N	3	6	NNN	5	pc	0.13	3
Stornoway (Hebrides) ...	29.66r	+20	37	35	-2	41	35	NNN	4	5	NNN	6	pc	0.16	5
Thurso ...	29.56r	+19	42	38	0	45	36	NN	4	6	NNN	6	phe	0.26	4
Wick ...	?	?	36	34	0	39	32	N	3	4	N	4	pc	0.15	1
Nairn ...	29.63r	+17	37	35	-1	41	36	N	1	1	N	7	oc	0.06	2
Aberdeen ...	29.54r	+13	38	36	-1	43	35	NN	2	3	NN	2	st.	0.04	1
Leith ...	29.65r	+11	38	37	-4	46	37	N	3	4	N	1	st.	-	*
Shields ...	?	?	40	38	0	44	38	NN	4	4	SH	1	st.	0.16	2
York ...	?	?	43	39	+1	51	36	NN	1	2	N	0	cb	0.16	*
Scarborough ...	29.62r	+07	40	38	0	46	40	NN	3	4	NN	1	st.	0.17	3
Nottingham ...	?	?	45	42	+2	53	42	NN	3	5	N	1	ra	0.18	*
Ardrossan ...	29.69r	+10	42	40	-3	49	42	N	2	6	NNN	5	gc	0.25	1
Greencastle ...	29.81r	+09	44	42	0	51	43	NNN	3	8	NNN	8	ra	0.68	*
Donaghadee ...	29.74r	+06	45	44	+2	49	42	N	5	6	N	8	dc	0.28	4
Kingstown ...	29.82r	00	50	49	+5	56	45	NN	7	7	N	10	gd	0.13	5
Holyhead ...	29.78r	+01	49	48	+1	55	48	NNN	5	7	N	7	ra	0.14	4
Liverpool (Bidston Obs.) ...	29.72r	+03	47	45	+1	52	45	NNN	5	8	NNN	10	o	0.09	4
Valencia ...	30.09r	+00	54	51	+2	54	51	NN	5	7	NN	8	cg	0.04	4
Roche's Point ...	29.99r	+04	54	52	+4	57	46	NN	6	8	NN	7	gc	-	4
Pembroke ...	29.89r	+01	55	52	+5	55	49	NN	5	9	N	7	uc	0.06	4
Portishead ...	29.77r	-02	54	51	+8	56	45	NNN	7	7	NNN	10	q	0.02	5
Scilly ...	30.05r	+05	54	52	+1	55	52	NNN	6	6	NNN	7	aw	-	6
Plymouth ...	29.92r	+03	53	51	+4	55	49	NN	5	7	NN	10	ra	-	8
Hurst Castle ...	29.78r	-01	54	53	+7	59	47	NN	6	6	NN	5	oc	-	8
Dover ...	29.65f	+02	48	45	+3	54	43	NNN	4	4	NNN	7	cg	0.19	3
London ...	29.71r	+01	49	46	+4	56	44	NN	3	7	N	10	rgo	0.08	*
Oxford ...	29.74	+02	48	46	+4	56	44	NN	4	6	N	10	q	0.33	*
Cambridge ...	29.60r	-02	46	43	+3	54	43	NN	2	5	N	3	wo	0.41	*
Yarmouth ...	29.57r	+02	43	42	+2	46	40	NN	5	5	NN	6	ra	0.29	3
Helder ...	29.29	+02	45	*	+4	*	*	NNN	4	*	*	*	*	*	4
Cape Gris Nez ...	29.64f	+01	50	46	+3	50	46	NN	7	8	N	4	ra	0.16	5
Brest ...															
L'Orient ...	30.04r	+15	54	50	+1	55	51	NN	8	8	NNN	10	co	-	6
Rochefort ...	30.08f	+19	57	52	+2	57	52	NN	9	8	NNN	10	co	-	7
Biarritz ...	30.22r	+19	55	53	-2	57	53	NN	7	9	NN	10	r	0.36	5
Corunna ...						*	*				*	*	*	*	*
Brussels ...	29.51	-04	45	*	+1	*	*	NNN	9	*	*	*	rho	*	*
Charleville ...	29.56	-06	47	*	+5	*	*	NNN	6	*	*	*	o	*	*
Paris ...						*	*				*	*	*	*	*
Lyons ...	?	?	54	*	+19	*	*	NN	3	*	*	*	c	*	*
Toulon ...	29.74r	+06	47	42	+2	50	43	NN	8	8	NN	4	a	-	7

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.17	36	36	7	0	*	0	Valencia ...	29.99	54	50	NN	7	7	f
Thurso ...	29.32	40	38	NNN	4	7	2	Scilly ...	30.02	53	51	NNN	6	7	am
Scarborough...	29.50	45	42	NN	3	10	g	London ...	29.72	49	45	NNN	2	5	c
Greencastle ...	29.54	50	49	N	6	10	d	Rochefort...	29.99	56	51	NNN	8	5	a
Holyhead ...	29.69	50	48	N	4	7	g/p								

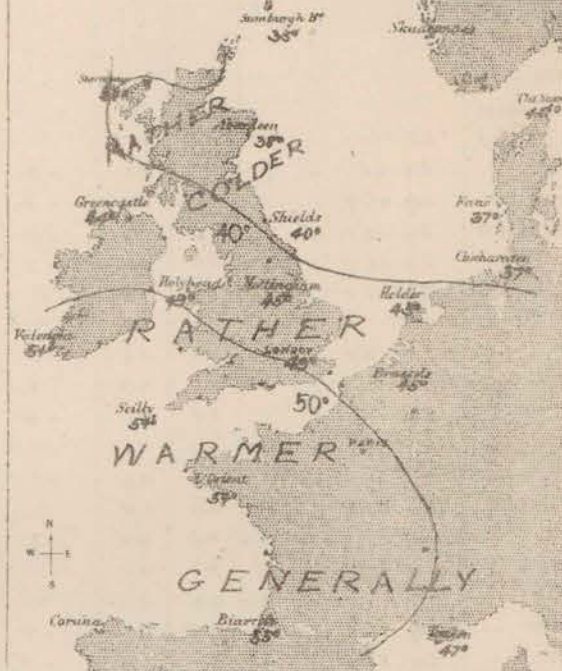
The barometer is falling briskly in the N.W. while it is rising in the S. The wind has backed to the N.W. in the west (except at Valencia) and freshened. —  
 Drainings issued to all vessels. —

## 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.



TUESDAY 17<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.



Temperature has risen somewhat except in the north.



All our coats were unlined last evening.  
Came lowest except in the west and south-west today.

Dangerfield, Lith. London



Wednesday 8 a.m.

# WEATHER REPORT.

November 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.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. — (0 to 12.)	Force. — (0 to 12.)	Dirac.				
Haparanda ...	30.25	+ .28	10	9	+2	*	*	SE	2	2	SE	*	0	*	*
Hernösand ...	30.01	+ .35	?	?	?	*	*	ESE	4	6	ESE	*	0	*	*
Stockholm ...	29.73	+ .29	37	36	-1	*	*	E	4	6	E	*	10	*	*
Wisby ...	29.65	+ .22	37	36	0	*	*	SE	4	2	E	*	20	*	*
Christiansund ...	29.75	+ .40	39	35	+1	*	*	Z	0	0	Z	*	0	*	3
Skudesnaes ...	?	?	39	35	+5	*	*	ESE	4	4	NE	*	6	*	2
Oxö (X'tiansand)	29.75	+ .49	37	35	0	*	*	NNE	4	4	NNE	*	06	*	2
Skagen (The Skaw)	29.71	+ .45	39	37	-1	*	*	NE	2	0	Z	*	00	0.04	*
Fanö ...	29.71	+ .46	32	31	-5	*	*	N	2	4	NNN	*	6	0.16	*
Cuxhaven ...	29.715	+ .45	40	39	+3	?	35	NN	1	4	NNN	3	06	0.10	*
Sumburgh Head	29.595	+ .17	39	39	+4	40	30	SE	4	0	N	5	06	0.11	3
Stornoway (Hebrides)	29.55f	- .11	42	41	+5	42	36	SW	2	4	NNN	10	06f	0.08	4
Thurso...	29.62f	+ .06	35	34	+7	45	30	S	1	5	NN	9	06	0.12	2
Wick ...	29.60f	?	36	35	0	38	31	N	1	3	NN	10	06	0.10	*
Nairn ...	29.61f	- .02	38	35	+1	42	37	Z	0	1	NN	10	06	0.07	1
Aberdeen ...	29.63f	+ .09	39	38	+1	42	37	SWN	1	2	NN	9	06	-	1
Leith ...	29.67f	+ .02	40	40	+2	48	37	WSN	2	3	N	10	06	0.10	*
Shields...	29.71f	?	42	40	+2	44	38	Z	0	4	NNN	10	06	0.20	1
York ...	?	?	46	46	+3	51	36	N	1	1	N	10	06	0.18	*
Scarborough ...	29.72f	+ .10	42	40	+2	44	40	WSN	1	3	NNN	9	06	0.09	1
Nottingham ...	29.83f	?	52	51	+7	50	44	N	2	3	NNN	10	06	0.07	*
Ardrossan ...	29.66f	- .00	45	44	+3	48	41	Z	0	4	NN	10	06	0.31	0
Greencastle ...	29.70f	- .11	51	51	+7	51	43	WSN	2	3	NNN	10	06	0.41	*
Donaghadee ...	29.70f	- .04	52	52	+7	53	43	S	3	5	N	10	06	0.09	1
Kingstown ...	29.84f	+ .02	54	52	+4	56	48	N	4	7	NN	10	06	0.04	3
Holyhead ...	29.82f	+ .04	53	52	+4	54	49	WSN	5	5	NN	10	06	0.22	3
Liverpool (Bidston Obs.)	29.78f	+ .06	51	50	+4	51	44	WSN	4	6	WSN	10	06	0.37	3
Valencia ...	30.03f	- .06	55	53	+1	56	50	N	5	5	NN	8	06	-	5
Roche's Point...	29.98f	- .01	54	53	0	56	50	N	4	6	NN	8	06	-	4
Pembroke ...	29.95f	+ .06	53	51	-2	56	53	N	7	7	N	10	06	-	4
Portishead ...	29.96f	+ .19	53	52	-1	55	47	WSN	5	7	NNN	10	06	0.01	3
Seilly ...	30.145	+ .09	54	53	0	55	52	WSN	5	6	NNN	7	06	-	5
Plymouth ...	30.075	+ .15	52	51	-1	59	51	NNN	1	5	NN	10	06	-	*
Hurst Castle ...	29.98f	+ .20	53	52	-1	54	49	WSN	5	6	NN	10	06	0.04	4
Dover ...	29.895	+ .24	48	47	0	50	41	SW	3	4	NN	10	06	0.08	2
London ...	29.905	+ .19	52	51	+3	52	44	NNN	2	4	NN	10	06	0.12	*
Oxford...	29.89	+ .15	51	50	+3	51	45	N	4	5	NN	10	06	0.05	*
Cambridge ...	29.84f	+ .16	51	49	+5	51	40	SW	1	2	NNN	10	06	0.01	*
Yarmouth ...	29.79f	+ .22	45	45	+2	46	38	WSN	2	5	NN	10	06	0.09	3
Helder...	29.83	+ .44	45	*	0	*	*	NN	2	*	*	*	06	-	2
Cape Gris Nez...	29.895	+ .25	51	50	+1	51	46	N	7	7	NN	10	06	0.12	5
Brest ...	30.255	+ .10	52	52	-3	57	49	NN	5	7	NN	10	06	-	3
L'Orient ...	30.195	+ .15	51	51	-3	58	50	NN	5	8	NN	8	06	-	3
Rocheport ...	30.245	+ .16	55	51	-2	57	52	NNN	7	9	NN	8	06	-	5
Biarritz ...	30.355	+ .10	57	55	+2	59	54	NN	5	7	NN	9	06	0.20	5
Corunna ...			*	*		*	*				*	*	06	-	*
Brussels ...	29.90	+ .39	43	*	-2	*	*	SW	6	*	*	*	06	-	*
Charleville ...	30.01	+ .45	41	*	-6	*	*	SW	3	*	*	*	06	-	*
Paris ...	30.015	+ .31	51	*	-4	55	44	N	5	8	NN	6	06	0.12	*
Lyons ...	?	?	46	*	-8	*	*	SW	3	*	*	*	06	-	*
Toulon...	29.895	+ .15	47	43	0	60	41	NN	7	8	NN	5	06	-	7

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.	
Skudesnaes ...	29.51	27	35	NNN	4	*	6	2	Valencia ...	30.14	55	51	NNN	5	6	0
Thurso ...	29.66	41	40	NN	5	7	pe	4	Seilly ...	30.11	55	53	NNN	6	4	0
Scarborough...	29.78	44	41	NNN	3	6	e	4	London ...	29.83	50	45	NN	3	6	00
Greencastle ...	29.89	45	43	NNN	2	10	o	*	Rocheport...	30.08	57	50	NN	8	10	0
Holyhead ...	29.90	50	46	NN	5	7	m	4								

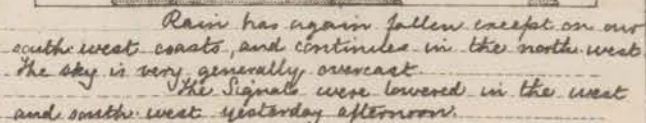
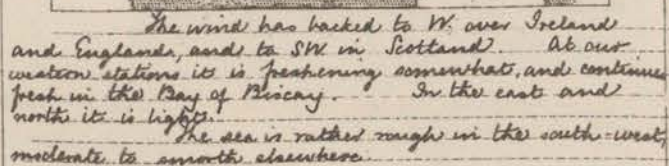
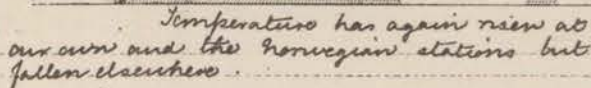
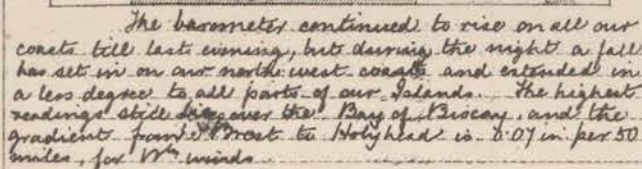
Pressure continues to increase generally, most in the N. The wind has veered a little more toward N. with clear weather and the sea continues rough in the SW. The gale still holds at Rochefort.  
Fanning lowered in the N. and SW. this afternoon.

## 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 18<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.



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



Thurs-day 8 a.m.

# WEATHER REPORT.

November 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 ...	30.19	06	9	9	-1	*	*	SE	2	6	SE	*	cs	*	*
Hernösand ...	29.96	05	30	30	?	*	*	SSE	4	2	SSE	*	cs	*	*
Stockholm ...	29.70	02	35	30	-2	*	*	E	8	6	E	*	o	*	*
Wisby ...	29.62	03	33	33	-4	*	*	?	4	2	E	*	rs	*	*
Christiansund ...	29.63	12	34	31	-5	*	*	E	4	0	Z	*	b	*	3
Skudesnaes ...	29.52	?	42	37	+3	*	*	SSE	6	6	SSE	*	co	*	5
Oxö (X'tiansand) ...	29.60	15	37	36	0	*	*	NNE	6	4	NNE	*	bo	*	3
Kagen (The Skaw) ...	29.63	08	37	36	-2	*	*	SE	4	2	E	*	r	0.12	*
Fanö ...	29.60	11	28	28	-4	*	*	Z	0	0	Z	*	f	0.32	*
Cuxhaven ...	29.59f	12	37	37	-3	43	?	SSE	1	2	SNE	9	of	-	*
Sumburgh Head ...	29.23f	06	40	40	+1	44	36	NN	3	4	SE	6	op	0.10	3
Stornoway (Hebrides) ...	29.36f	19	40	39	-2	45	37	NNN	3	4	NNN	10	p	0.30	4
Thurso ...	29.35f	27	39	38	+4	43	34	WSN	3	2	WSN	8	db	0.26	3
Wick ...	29.35f	25	38	37	+2	48	30	N	2	3	S	9	ga	0.04	1
Nairn ...	29.40f	21	40	38	+2	45	38	N	2	2	NN	3	cob	0.06	2
Aberdeen ...	29.45f	18	35	34	-4	45	35	WSN	1	1	NN	7	oc	0.03	1
Leith ...	29.53f	14	43	42	+3	48	39	SN	3	3	N	4	fo	0.16	*
Shields ...	29.60f	11	43	42	+1	49	41	N	3	7	NNN	5	rfo	0.42	2
York ...	?	?	46	44	0	55	36	N	1	3	N	3	cb	0.05	*
Scarborough ...	29.63f	09	44	43	+2	51	42	WSN	2	1	WSN	5	mc	0.22	2
Nottingham ...	29.74f	09	47	44	-5	57	46	SN	2	4	WSN	10	ry	0.03	*
Ardrossan ...	29.57f	09	48	45	+3	52	45	WSN	3	7	WSN	7	rgp	0.58	3
Greencastle ...	29.63f	07	43	42	-8	52	43	NN	4	5	NN	6	po	0.06	*
Donaghadee ...	29.63f	07	43	42	-9	55	43	N	4	4	N	7	c	0.05	3
Kingstown ...	29.76f	08	50	47	-4	57	49	NNN	6	6	N	9	og	-	4
Holyhead ...	29.73f	09	50	47	-3	56	50	WSN	3	5	WSN	6	dmy	0.05	3
Liverpool (Bidston Obs.) ...	29.70f	08	48	46	-2	54	47	WSN	4	7	WSN	10	o	0.13	3
Valencia ...	29.95f	08	50	49	-5	55	49	NNN	6	6	N	8	mfp	0.03	6
Roche's Point ...	29.90f	08	50	49	-4	58	49	N	3	5	N	9	o	-	3
Pembroke ...	29.85f	10	52	50	-1	55	52	N	6	8	N	10	mo	0.02	4
Portishead ...	29.85f	11	50	49	-3	54	48	WSN	4	6	N	10	g	0.01	3
Scilly ...	29.99f	15	55	54	+1	55	52	N	6	6	N	10	ad	0.15	5
Plymouth ...	29.94f	13	52	51	0	56	50	NN	2	4	NNN	10	gwn	0.02	*
Hurst Castle ...	29.80f	10	52	51	-1	54	50	NN	4	5	NNN	10	po	0.02	4
Dover ...	29.80r	09	49	47	+1	55	47	N	3	4	NNN	10	wo	0.02	3
London ...	29.81r	09	49	46	-3	57	48	N	2	3	N	10	ro	0.01	*
Oxford ...	29.80	09	49	48	-2	56	48	WSN	1	4	WSN	10	g	0.04	*
Cambridge ...	29.77r	07	48	45	-3	56	45	SN	1	2	SN	10	o	0.08	*
Yarmouth ...	29.72r	07	46	45	+1	52	43	N	3	4	N	10	dmy	0.14	2
Helder ...	29.63	20	48	*	+3	*	*	NNN	6	*	*	*	*	*	2
Cape Gris Nez ...	29.80r	09	51	47	0	54	50	N	7	4	WSN	10	o	0.08	5
Brest ...	30.14f	11	56	54	+4	56	50	N	5	5	NNN	10	of	0.04	4
L'Orient ...	30.10f	09	55	53	+4	?	50	NN	7	9	NN	?	f	-	4
Rocheport ...	30.19f	05	55	53	0	55	50	NNN	8	7	NN	10	co	0.08	5
Biarritz ...	30.32f	03	55	53	-2	58	52	N	5	4	NN	9	r	0.12	5
Corunna ...			*	*		*	*		*	*	*	*	*	*	*
Brussels ...	29.75	15	48	*	+5	*	*	WSN	3	*	*	*	rfo	*	*
Charleville ...	29.80	21	45	*	+4	*	*	Z	0	*	*	*	o	*	*
Paris ...	29.91f	10	50	*	-1	55	50	WSN	5	7	NNN	10	o	0.24	*
Lyons ...	?	?	54	*	+8	*	*	N	3	*	*	*	c	*	*
Toulon ...	29.81f	08	53	49	+6	57	45	NN	8	8	NN	6	co	-	7

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		
Skudesnaes ...	29.72	39	35	ESS	4	*	o	3	Valencia ...	30.00	55	54	N	4	9	f	5
Thurso ...	29.50	41	41	Z	0	10	dg	1	Scilly ...	30.11	55	54	N	6	7	c	5
Scarborough...	29.59	44	44	WSN	1	10	m	1	London ...	29.82	55	53	WSN	2	10	ro	*
Greencastle ...	29.75	49	48	NN	5	7	e	*	Rocheport...	30.25	55	53	NN	7	5	c	5
Holyhead ...	29.78	55	54	WSN	3	6	dg	3									

A rise of the barometer has set in at Greencastle, where the wind has veered to NN., with finer weather. Elsewhere the mercury has again fallen and the winds show but little 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. 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.







Tue- day 8 a.m.

# WEATHER REPORT.

November 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.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	30.17	-.02	-9	-10	-18	*	*	NNE	4	4	E	*	ob	*	*
Hernösand ...	29.95	-.01	21	21	-9	*	*	NE	4	4	ESE	*	o	*	*
Stockholm ...	29.55	-.15	26	24	-9	*	*	NE	6	8	NNE	*	so	*	*
Wisby ...	29.39	-.23	32	31	-1	*	*	NE	4	2	E	*	s	*	*
Christiansund ...	29.89	+.26	31	28	-3	*	*	ESE	4	2	ESE	*	b	*	2
Skudesnaes ...	29.83	+.31	33	30	-9	*	*	NE	2	6	ESE	*	ob	*	2
Oxö (X'tiansand) ...	29.78	+.18	29	27	-8	*	*	NNE	6	6	NNE	*	so	*	4
Skagen (The Skaw) ...	29.68	+.05	32	31	-5	*	*	NE	6	4	E	*	o	0.08	*
Fanö ...	29.59	-.01	33	33	+5	*	*	NNE	4	2	NE	*	e	-	*
Cuxhaven ...	29.48	-.11	37	37	0	41	?	NNE	5	2	SSW	8	o	0.03	*
Sumburgh Head ...	29.89	+.66	41	40	+1	45	38	SE	1	3	SW	6	po	0.08	4
Stornoway (Hebrides) ...	29.91	+.55	42	40	+2	44	38	WSW	4	6	N	4	pg	0.33	5
Thurso ...	29.86	+.51	35	35	-4	46	35	S	1	5	NNN	3	pm	0.32	2
Wick ...	29.85	+.50	34	33	-4	43	32	NN	1	3	NNN	4	de	0.17	0
Nairn ...	29.87	+.47	42	40	+2	43	37	NNN	1	2	N	6	oap	0.06	1
Aberdeen ...	29.81	+.36	40	39	+5	42	35	NNN	1	2	NN	2	cb	0.04	1
Leith ...	29.80	+.27	41	40	-2	47	38	N	3	3	N	7	e	0.02	*
Shields ...	29.83	+.23	40	38	-3	46	38	NNN	3	4	NNN	4	c	-	2
York ...	?	?	38	36	-8	55	36	NNN	1	2	NNN	0	b	0.05	*
Scarborough ...	29.81	+.18	40	38	-4	46	39	NN	1	2	NN	1	cb	-	2
Nottingham ...	29.86	+.12	40	39	-7	50	39	NNN	3	5	NN	0	ptm	0.14	*
Ardrossan ...	29.88	+.31	44	41	-4	49	44	NN	3	8	NNN	4	qpo	0.13	3
Greencastle ...	30.01	+.38	41	40	-2	46	40	NN	4	6	NNN	6	e	0.28	*
Donaghadee ...	29.93	+.30	41	40	-2	51	41	NNN	4	6	NNN	3	e	0.02	3
Kingstown ...	30.04	+.28	41	39	-9	50	41	NNN	4	6	NNN	3	qb	0.12	3
Holyhead ...	29.93	+.20	47	44	-3	56	47	NNN	5	8	NNN	4	e	-	5
Liverpool (Bidston Obs.) ...	29.89	+.19	45	41	-3	49	43	NNN	4	7	N	2	cb	0.09	3
Valencia ...	30.11	+.16	45	43	-5	54	44	E	2	6	NNN	7	e	-	3
Roche's Point ...	30.07	+.17	43	41	-7	55	42	N	3	7	NN	5	qe	-	3
Pembroke ...	30.01	+.16	47	44	-5	53	36	NNN	4	6	NNN	4	go	-	2
Portishead ...	29.92	+.07	44	42	-6	52	42	N	3	6	N	3	pb	0.03	2
Scilly ...	30.07	+.08	50	46	-5	55	49	NNN	4	6	NN	7	e	0.04	5
Plymouth ...	30.01	+.07	35	34	-17	55	33	NN	1	4	NN	5	gf	0.01	*
Hurst Castle ...	29.91	+.03	44	43	-8	52	43	NN	4	6	NNN	1	qb	0.07	4
Dover ...	29.76	-.04	42	40	-7	50	40	N	4	5	NNN	0	cb	0.23	3
London ...	29.84	+.03	43	41	-6	51	40	NN	1	3	N	2	ohb	0.11	*
Oxford ...	29.88	+.08	42	40	-7	50	40	N	1	5	NN	0	cb	0.07	*
Cambridge ...	29.84	+.07	39	37	-9	49	38	NN	1	2	NNN	3	pb	0.10	*
Yarmouth ...	29.75	+.03	42	42	-4	48	38	NN	2	4	NNN	8	mo	0.14	3
Helder ...	29.61	-.02	44	*	-4	*	*	N	6	*	*	*	*	*	2
Cape Gris Nez ...	29.77	-.03	45	43	-6	51	44	NNN	5	7	NNN	7	ro	0.12	4
Brest ...	30.10	-.04	50	50	-6	57	48	N	4	7	N	7	mo	-	3
L'Orient ...	30.04	-.06	47	43	-8	58	47	NNN	5	7	NN	6	fo	-	3
Rochefort ...	30.06	-.13	51	46	-4	57	48	N	5	8	NN	10	o	0.08	5
Biarritz ...	30.10	-.22	57	57	+2	58	53	NN	7	7	N	9	x	0.08	4
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.67	-.08	44	*	-4	*	*	NNE	3	*	*	*	ro	*	*
Charleville ...	29.69	-.11	42	*	-3	*	*	NNN	3	*	*	*	o	*	*
Paris ...	29.82	-.09	44	*	-6	57	43	NNN	5	?	N	5	ro	0.43	*
Lyons ...	?	?	50	*	-4	*	*	N	3	*	*	*	o	*	*
Toulon ...	29.66	-.15	50	46	-3	58	46	NN	9	9	NN	3	e	-	7

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

	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.		
Skudesnaes ...	29.51	41	36	ESE	6	*	5	Valencia ...	30.01	46	44	NNN	6	6	2	6	
Thurso ...	29.34	41	40	NNN	3	7	fg	3	Scilly ...	29.96	53	51	NN	6	7	2	6
Scarborough...	29.53	45	42	NN	2	6	c	2	London ...	29.67	51	48	N	2	8	ro	*
Greencastle ...	29.65	46	44	NNN	6	5	c	*	Rochefort...	30.13	57	52	NN	3	10	o	5
Holyhead ...	29.71	56	52	NNN	6	5	c	4									

A remnant of pressure has set in at the Irish stations but elsewhere the mercury has continued to fall—especially in the E. and SE. The wind has freshened from N.N.W. at Holyhead and still blows very strongly from N.W. in the W. of France.

## 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.



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

Dangerfield, Lith. 22, Bedford St. Covent Garden

ROBERT H. SCOTT, Director



Satur-day 8 a.m.

# WEATHER REPORT.

November 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.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	30.21	+ .04	11	11	+20	*	*	NE	4	2	NNE	*	5	*	*
Hernösand ...	30.07	+ .12	17	16	-4	*	*	N	4	6	NE	*	5	*	*
Stockholm ...	29.72	+ .17	32	32	+6	*	*	NE	2	6	NNE	*	5	*	*
Wisby ...	29.66	+ .27	31	?	-1	*	*	E	2	4	NE	*	5	*	*
Christiansund ...	30.11	+ .22	23	22	-8	*	*	ESE	4	4	ENE	*	6	*	1
Skudesnaes ...	29.97	+ .14	31	29	-2	*	*	E	6	0	Z	*	6	*	2
Oxö (X'tiansand) ...	29.95	+ .17	23	19	-6	*	*	N	4	6	NNE	*	6	*	2
Skagen (The Skaw) ...	29.84	+ .16	27	24	-5	*	*	NE	4	8	NE	*	5	-	*
Fanö ...	29.90	+ .31	29	28	-4	*	*	N	2	4	N	*	5	-	*
Cuxhaven ...	29.895	+ .41	34	33	-3	37	?	N	4	8	NNE	7	5	-	*
Simburgh Head ...	30.065	+ .17	37	36	-4	46	35	NNE	3	3	E	4	5	-	4
Stornoway (Hebrides) ...	30.055	+ .14	41	39	-1	44	33	SSE	1	4	NNW	7	6	-	3
Thurso ...	30.135	+ .27	34	34	-1	50	29	SEW	1	1	S	4	6	-	1
Wick ...	30.135	+ .28	33	32	-1	46	30	NN	1	1	NN	2	6	-	0
Nairn ...	30.135	+ .26	32	30	-10	46	31	Z	0	1	NNN	0	6	-	1
Aberdeen ...	30.105	+ .29	35	34	-5	46	34	Z	0	1	N	2	6	-	1
Leith ...	30.145	+ .34	39	39	-2	49	38	S	2	3	N	3	6	-	*
Shields ...	30.135	+ .30	35	35	-5	45	32	NN	2	3	N	2	6	-	2
York ...	?	?	30	30	-8	48	27	N	1	1	NN	0	6	-	*
Scarborough ...	30.115	+ .30	37	37	-3	45	36	N	1	2	NE	1	6	-	1
Nottingham ...	30.165	+ .30	34	33	-6	48	30	S	1	3	NNN	10	mf	0.01	*
Ardrossan ...	30.115	+ .23	38	36	-6	50	37	ENE	1	3	NN	6	6f	-	0
Greencastle ...	30.055	+ .04	42	40	+1	44	37	SE	2	4	NNN	9	6	0.04	*
Donaghadee ...	30.055	+ .12	33	32	-8	49	32	WSW	2	4	NN	3	6	-	1
Kingstown ...	30.065	+ .02	43	42	+2	46	41	S	1	5	N	9	6	-	1
Holyhead ...	30.085	+ .15	40	39	-7	49	40	SW	1	5	NNN	5	6	-	1
Liverpool (Bidston Obs.) ...	30.135	+ .24	35	34	-10	48	34	SE	2	4	NNN	2	6	-	2
Valencia ...	29.925	- .19	52	50	+7	54	44	S	4	4	SSE	8	5	0.26	4
Roche's Point ...	29.985	- .09	49	49	+6	50	43	SSE	4	4	SSE	10	5	0.18	4
Pembroke ...	30.085	+ .07	44	44	-2	49	43	E	3	4	N	9	5	-	2
Portishead ...	30.125	+ .20	33	33	-11	53	31	Z	0	5	NNN	10	5	-	0
Scilly ...	30.075	- .00	50	47	0	56	47	SSE	2	4	NNN	7	5	-	4
Plymouth ...	30.115	+ .10	40	39	+5	52	35	E	1	3	NN	10	5	-	*
Hurst Castle ...	30.125	+ .21	38	37	-6	50	35	NE	3	4	NNN	7	5	-	2
Dover ...	30.095	+ .33	38	36	-4	46	36	NN	3	4	N	3	5	-	2
London ...	30.145	+ .30	33	32	-10	49	32	Z	0	2	NN	10	6	-	*
Oxford ...	30.14	+ .26	36	36	-6	47	34	Z	0	2	N	10	6	-	*
Cambridge ...	30.155	+ .31	32	32	-7	46	30	Z	0	2	NN	10	6	-	*
Yarmouth ...	30.075	+ .32	39	39	-3	46	36	NN	2	3	NNE	10	5	-	4
Helder ...	29.94	+ .33	41	*	-3	*	*	N	3	*	*	*	*	*	2
Cape Gris Nez ...	30.075	+ .30	44	40	-1	48	43	N	4	5	NNN	5	5	-	3
Brest ...															
L'Orient ...	30.085	+ .04	44	42	-2	52	42	E	1	5	NNN	9	5	-	2
Rochefort ...	30.095	+ .03	41	39	-10	60	39	ENE	3	7	N	5	5	-	3
Biarritz ...	30.095	- .01	50	48	-7	57	47	SE	3	7	N	9	5	0.12	5
Corunna ...			*	*		*	*		*	*	*	*	*	*	
Brussels ...	30.00	+ .33	34	*	-10	*	*	N	3	*	*	*	5	*	*
Charleville ...	30.03	+ .34	39	*	-3	*	*	SW	1	*	*	*	5	*	*
Paris ...	30.095	+ .27	41	*	-3	49	41	?N	4	5	NN	10	5	-	*
Lyons ...	?	?	46	*	-4	*	*	N	3	*	*	*	5	*	*
Toulon ...	29.665	+ .00	41	37	-9	50	41	NN	7	9	NN	1	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 ...	29.89	31	28	Z	0	*	6	2	Valencia ...	30.09	53	46	N	3	8	3
Thurso ...	29.96	46	44	S	1	2	6	1	Scilly ...	30.09	55	51	NNN	3	7	5
Scarborough...	29.91	45	43	NE	2	9	d	3	London ...	29.94	48	43	NN	2	3	6
Greencastle ...	30.04	44	43	NNN	2	5	c	*	Rochefort...	30.08	54	47	NNN	7	4	3
Holyhead ...	29.98	48	45	NN	4	4	c	4								

The barometer continues to rise at all stations excepting Valencia where a slight fall has taken place since noon and the wind is changing very much in direction. Light N<sup>W</sup> to NW winds prevail over the greater part of the Kingdom with fair weather. Temperature has risen very much at Lhues.

## 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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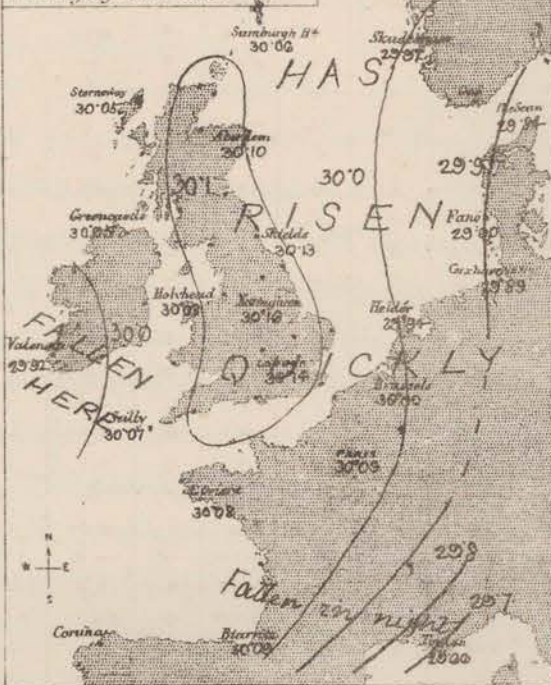
# WEATHER CHARTS

## AND REMARKS FOR

SATURDAY 21<sup>ST</sup> NOV<sup>R</sup> 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 since yesterday at all but our most western stations, where a slight fall has taken place. An elongated area of high pressure has formed itself over the whole of Great Britain and gradients are very slight everywhere excepting in the south of France.

### TEMPERATURE.

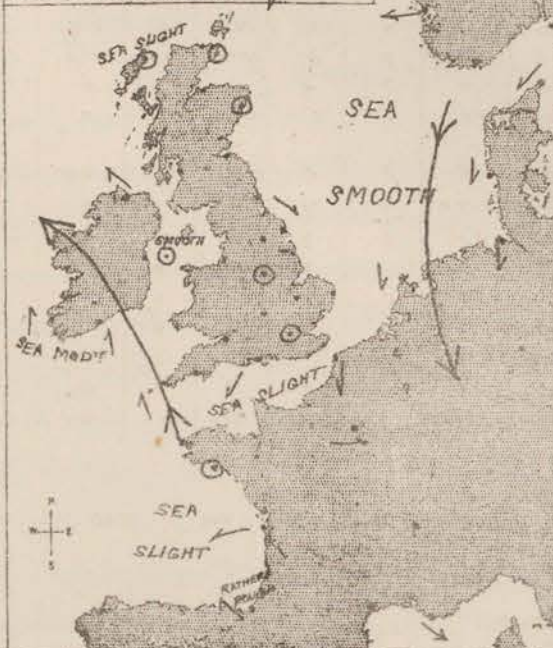
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has again fallen at all but the Irish stations and is low over Great Britain and the North Sea. York is 22°, and the River 25° colder than Valencia, and in London the thermometer fell to 21° on the grass during the night.

### 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.



The winds are light from the N.W. in Denmark and Holland, from the E. in the west of France and from S. in Ireland, while calms and variable airs prevail over Central England. The sea is moderate off the south coast of Ireland, smoother elsewhere.

### CLOUD, RAIN & C.

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



Rainy weather has again set in over the south of Ireland. Elsewhere the weather is at present dry, but a great deal of fog prevails over England.

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

Printed by J. W. & J. R. at the Office of the Director.



# SUMMARY OF WEATHER IN WESTERN EUROPE

from NOV<sup>R</sup> 15<sup>TH</sup> to NOV<sup>R</sup> 21<sup>ST</sup> 1874.

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

During the greater part of the week the barometer has been highest over the Bay of Biscay and the south of France, and a series of depressions has traversed our area, travelling in a SE<sup>ly</sup> direction. NW<sup>ly</sup> to W<sup>ly</sup> winds, generally moderate in force, have consequently been experienced over our Islands and France, and SE<sup>ly</sup> breezes in the north of Norway. Temperature changed very little. On the 20<sup>th</sup>, however, the mercury was highest to the SW<sup>rd</sup> of our Islands and by 8 am on the 21<sup>st</sup> an area of high pressure had been formed over G<sup>o</sup> Britain. The winds fell light everywhere, with calms over England; temperature was exceedingly low over the Gulf of Bothnia on the 20<sup>th</sup>, and the cold apparently gradually extended W<sup>rd</sup>, the thermometer having fallen several degrees over the United Kingdom at the end of the week. Rain was very general during the former part of the period under notice but towards the end the weather was generally dry, though dense fogs prevailed in the south-east.

NOV<sup>R</sup> 15<sup>TH</sup> The fall of the barometer which had been signalled from our northern stations at the close of last week had become brisk in Scotland and at Skudesnaes, and a depression had advanced towards the west coast of Norway, the gradient from Valencia to Stornoway being 0.07 in. At the same time the southern depression continued in the neighbourhood of Italy, and the gradient from Biarritz to London was 0.10 in. per 50 miles. In the west of France the barometer was rising. The winds were affected by these two depressions and were NW<sup>ly</sup> over the north of our Islands, W<sup>ly</sup> in the south, SW<sup>ly</sup> in Denmark and drew into SE over Norway, while in the south of France NW<sup>ly</sup> breezes were reported. Temperature had risen generally. Rain was falling in the south-east of England, and the sky was very cloudy generally.

NOV<sup>R</sup> 16<sup>TH</sup> The decrease of pressure noticed on the 15<sup>th</sup> had extended to the French stations, while a further fall had taken place over our Islands, though, during the night, a slight recovery had set in in the west. The Italian disturbance still lay over the Adriatic but was slowly becoming filled up and the lowest readings were found over Norway, the gradient from Valencia to Leith being 0.07 in per 50 miles. The wind continued NW<sup>ly</sup> over the greater part of our Islands, but drew into W in the Netherlands, and SW over North Germany and Denmark. Over the Bay of Biscay strong NW<sup>ly</sup> winds were reported, increasing to a hard gale at Biarritz. Temperature had fallen again over our Islands, but had continued to rise over the west of France. Rain had been very general and continued at Biarritz, Paris and G<sup>o</sup>, and snow was falling at Lyons. The sky was cloudy generally. In the afternoon the barometer was falling in the north and north-west but rising in the south.

NOV<sup>R</sup> 17<sup>TH</sup> The mercury continued to fall over Denmark and North Germany, and the depression which had rested over Norway for the last two days, appeared to have moved in a SE<sup>ly</sup> direction. A brisk recovery had consequently set in during the night over our Islands and France and the gradient from Rochefort to Paris was 0.08 in per 50 miles. A moderate to fresh NW<sup>ly</sup> gale had been felt at some of our western stations during the night but it was of short duration, and at



Sam fresh breezes only were reported over these Islands, while the gale continued over the coasts of the Bay of Biscay. Temperature was rather higher except over Scotland. The sky was moderately clear on our north-east and east coasts but very cloudy elsewhere. At 2pm the barometer was rising at all stations.

Nov<sup>r</sup> 18<sup>th</sup> During the previous night a fall of the barometer had set in on our north-west coasts, and by 8am had extended over the whole of the British Isles. On the Continent the barometer had continued to rise, the maximum of readings was found at Biarritz, and the gradient from that station to London was 0.08 in per 50 miles. The wind had backed generally over our Islands; to SW in Scotland and to W in England and Ireland, while NW winds continued over the Bay of Biscay. In force it was fresh at some of our western stations and in the west of France, but light elsewhere. Temperature had again risen over our Islands but had fallen over France. Rain had again been very general and the sky was overcast at nearly all stations. During the day the wind freshened in the west, and the barometer fell except at Merville.

Nov<sup>r</sup> 19<sup>th</sup> The fall noticed above had extended over the whole of Western Europe, and a depression had advanced to the north of our Islands but the steepest gradients were again found over the south of France. At the same time a second, but much smaller, depression was lying over Denmark and North Germany. The NW current still held over the Bay of Biscay but over our Islands and the north of France fresh to moderate W breezes were reported, and fresh E<sup>ly</sup> breezes in Norway. Temperature had changed very irregularly generally but had fallen several degrees at our north-western stations. The sky was again overcast at nearly all stations. The 2pm reports showed a slight recovery of pressure in the W.

Nov<sup>r</sup> 20<sup>th</sup> The barometer had risen over Scandinavia and the whole of these Islands, briskly in the north of Scotland but over France and North Germany a fall was reported. The highest readings were established in the south-west, and the gradient from L'Orient to Cuxhaven was 0.05 in per 50 miles. Light to moderate NW winds prevailed at all our stations drawing into N and freshening a little over the Bay of Biscay, while on the eastern shores of the North Sea fresh NNE<sup>ly</sup> winds were experienced. Temperature had decreased generally and at Haparanda, Sweden, and Uleaborg in Finland it had fallen 18° to 41° below freezing point. The sky was moderately clear, especially at our eastern and south-eastern stations.

Nov<sup>r</sup> 21<sup>st</sup> The mercury had again risen over our Islands, and the increase by 8am had extended to all parts of the Continent, while during the night a fresh fall had set in in the south-west. An elongated area of high pressure extended over G<sup>o</sup> Britain, but gradients were very slight everywhere. Calms or variable airs were reported over England, and the wind was light everywhere;—from N in Denmark, from E in France, and from S in Ireland. Temperature had risen over Ireland but had fallen somewhat elsewhere, and was low over G<sup>o</sup> Britain and Scandinavia. Rain was reported at 8am from the south of Ireland and very dense fogs lay over <sup>our</sup> south-eastern stations. During the day the barometer continued to fall in the south-west.

#### NOTE

A few copies of Mr. Hoffmeyer's Charts showing the Synchronous conditions of weather over Northern Europe during the months Dec<sup>r</sup> 1873—Feb<sup>r</sup> 1874 are still undisposed of. The Subscription is 11/- for the series.

A limited number of copies of the Hourly values obtained from the Self-Registering Instruments at the seven Observatories of the Met. Committee are now issued in monthly parts. The subscription is 20/- per annum.



Sun-day 8 a.m.

## WEATHER REPORT.

Nov. 22<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 ...	29.78	-.43	16	16	+5	*	*	NNE	2	2	NE	*	os	*	*
Hernösand ...	29.79	-.28	17	16	0	*	*	N	4	4	N	*	o	*	*
Stockholm ...	29.77	+ .05	24	23	-8	*	*	NNN	4	2	N	*	os	*	*
Wisby ...	29.82	+ .16	33	32	+2	*	*	NE	2	4	NE	*	os	*	*
Christiansund ...	30.00	-.11	34	33	+11	*	*	NNN	2	2	ESE	*	os	*	4
Skudesnaes ...	29.97	.00	27	24	-4	*	*	NNE	2	0	Z	*	b	*	1
Oxö (Christiansund) ...	29.97	+ .02	27	24	+4	*	*	N	2	4	N	*	cb	*	2
Skagen (The Skaw) ...	29.95	+ .11	33	31	+6	*	*	NNE	2	4	NE	*	o	—	*
Fanö ...	29.97	+ .07	33	32	+4	*	*	NE	2	4	N	*	c	—	*
Cuxhaven ...	29.94	+ .05	34	34	0	?	30	N	5	4	NNE	5	oc	—	*
Samburgh Head ...	30.04f	-.02	34	34	-3	44	32	N	2	2	N	4	c	—	0
Stornoway (Hebrides) ...	29.97f	-.08	40	38	-1	43	36	SSE	2	2	SSE	5	bo	—	5
Thurso ...	30.08f	-.05	35	34	+1	44	32	S	1	1	S	5	c	—	1
Wick ...	30.06f	-.07	40	37	+7	45	31	E	1	2	E	5	c	0.01	0
Nairn ...	30.05f	-.08	30	28	-2	39	28	Z	0	0	Z	0	cb	—	1
Aberdeen ...	30.08f	-.02	31	30	-4	40	30	Z	0	1	N	4	am	—	1
Leith ...	30.08f	-.06	39	37	0	46	33	S	3	3	E	3	cb	—	*
Shields ...	30.09f	-.04	36	35	+1	44	34	NNN	1	3	N	6	cf	0.02	3
York ...	?	?	28	28	-2	52	25	N	1	1	N	10	bf	—	*
Scarborough ...	30.09f	-.02	40	39	+3	44	37	N	1	2	NN	10	bd	0.03	2
Nottingham ...	30.14f	-.02	27	27	-7	38	25	NN	1	1	SW	10	f	—	*
Ardrossan ...	30.03f	-.08	35	33	-3	45	35	ESE	3	0	ESE	4	mc	—	2
Greencastle ...	29.91f	-.14	45	43	+3	45	41	E	4	5	SE	10	g	0.03	*
Donaghadee ...	29.94f	-.11	45	44	+12	47	43	ESE	5	5	E	7	c	—	4
Kingstown ...	29.90f	-.16	48	47	+5	49	43	SSE	5	3	S	10	gon	0.02	3
Holyhead ...	29.95f	-.13	44	42	+4	47	40	ESE	2	1	SSN	10	mo	—	1
Liverpool (Bidston Obs.) ...	30.05f	-.03	31	30	-4	41	28	ESE	2	3	ESE	6	bo	—	1
Valencia ...	29.77f	-.15	50	49	-2	54	48	N	3	4	S	7	mo	0.06	4
Roche's Point ...	29.77f	-.21	50	50	+1	53	49	SSE	6	6	SSE	10	r	0.02	4
Pembroke ...	29.93f	-.15	50	48	+6	50	44	SE	6	6	SSE	10	mo	0.01	6
Portishead ...	30.06f	-.06	36	36	+3	41	29	E	3	3	E	9	faw	—	2
Scilly ...	29.91f	-.16	52	51	+2	52	50	S	5	5	?	9	o	0.30	5
Plymouth ...	30.00f	-.11	49	46	+9	50	40	SE	1	2	E	10	g	—	*
Hurst Castle ...	30.07f	-.05	40	39	+2	45	31	E	3	3	E	3	faw	—	2
Dover ...	30.09f	.00	34	33	-4	45	32	NNN	3	3	NN	3	b	—	2
London ...	30.10f	-.04	33	32	0	38	32	Z	0	0	Z	10	f	—	*
Oxford ...	30.11	-.03	28	28	-8	37	27	Z	0	0	Z	10	f	—	*
Cambridge ...	30.12f	-.03	26	26	-6	41	26	SW	1	1	SW	10	faw	—	*
Yarmouth ...	30.09f	+ .02	36	36	-3	45	33	N	1	2	NN	8	dm	0.12	3
Helder ...															
Cape Gris Nez ...	30.08f	+ .01	41	39	-3	47	41	N	3	4	N	4	c	—	2
Brest ...	30.02f	-.09	51	51	+2	55	47	SSE	5	5	SSE	10	o	—	4
L'Orient ...	30.02f	-.06	47	45	+3	53	43	SE	4	4	SE	7	o	—	3
Rochefort ...	30.11f	+ .02	39	37	-2	56	37	E	3	3	ESE	0	ob	—	3
Biarritz ...	30.06f	-.03	37	35	-13	54	36	E	4	3	E	3	oc	—	3
Corunna ...															
Brussels ...	30.04	+ .04	41	*	+7	*	*	N	3	*	*	*	o	*	*
Charleville ...	30.02	-.01	39	*	0	*	*	NN	1	*	*	*	c	*	*
Paris ...	30.11f	+ .02	35	*	-6	47	34	NN	3	4	N	0	af	—	*
Lyons ...	?	?	45	*	-1	*	*	N	3	*	*	*	b	*	*
Toulon ...	29.86f	+ .20	42	37	+1	51	41	SW	1	7	NNN	2	b	—	4

## 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	30	27	N	4	*	b	2	Valencia ...	29.89	53	53	S	4	8	4
Thurso ...	30.17	42	40	Z	0	6	c	1	Scilly ...	30.06	52	49	S	5	8	5
Scarborough...	30.11	42	41	NNN	2	1	b	2	London ...	30.14	38	37	Z	0	10	of
Greencastle ...	30.04	45	44	ESE	3	10	g	*	Rochefort...	30.12	54	49	ESE	1	4	c
Holyhead ...	30.09	46	44	SSN	1	5	c	1								

No important change 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.

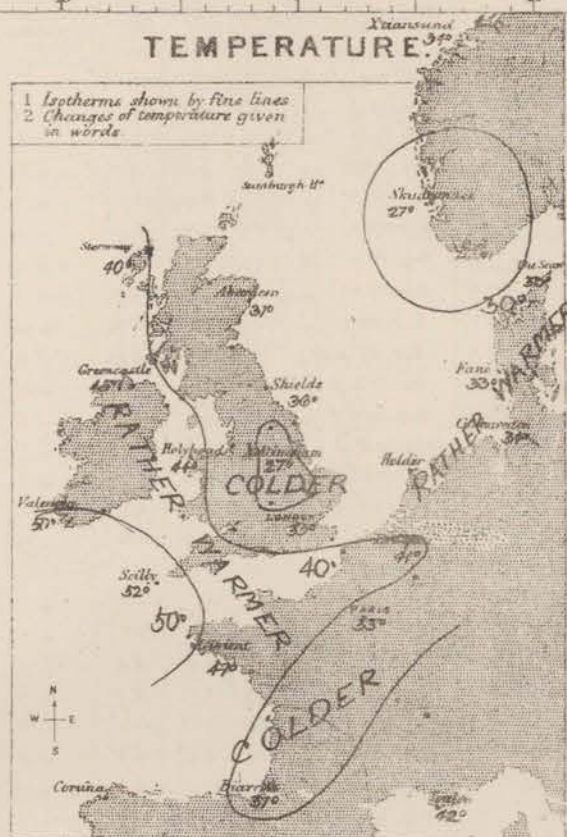
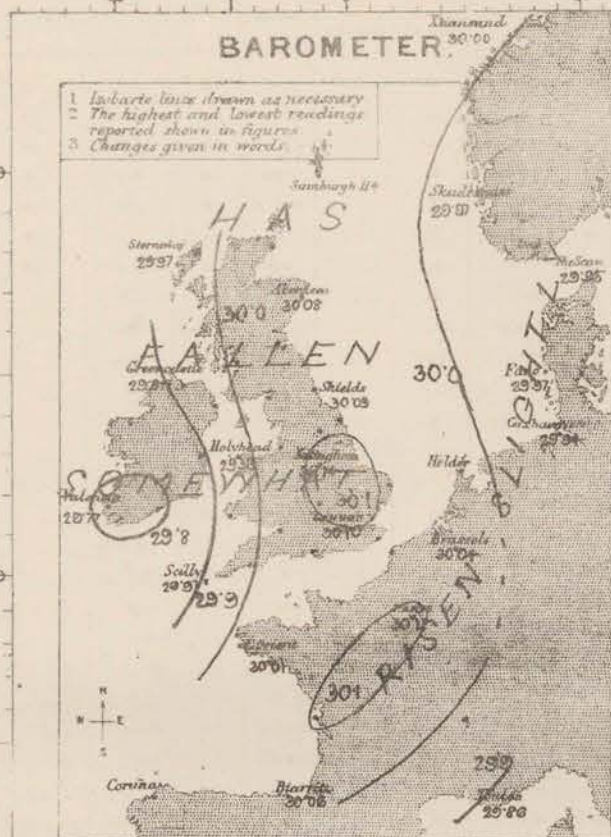
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

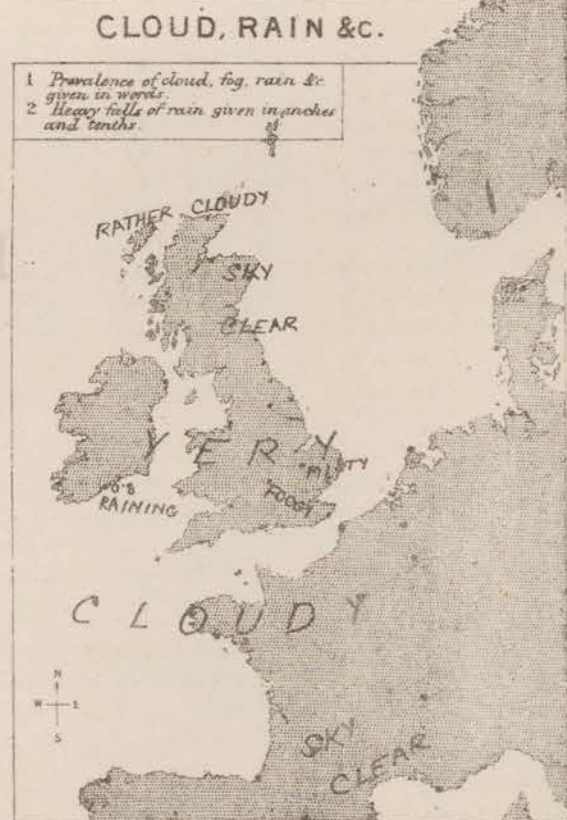
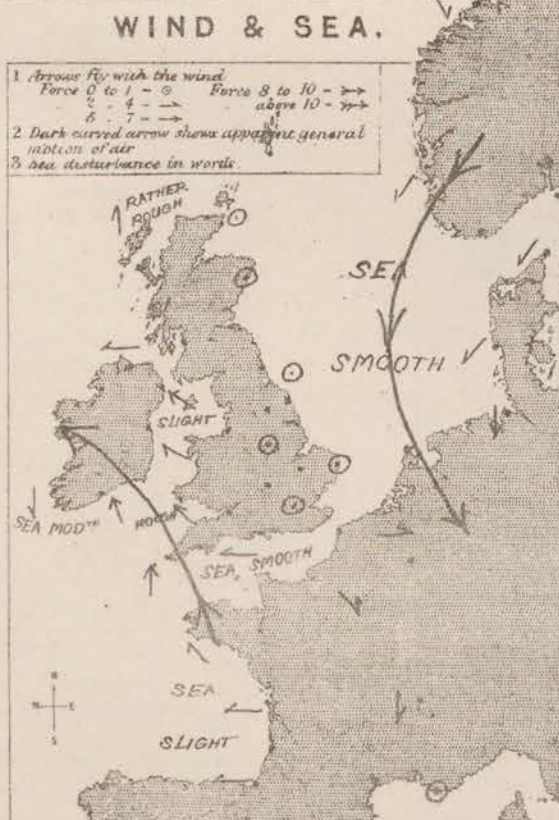
AND REMARKS FOR

SUNDAY 22<sup>ND</sup> NOVEMBER 1874 AT 8 A.M.



The fall of the barometer noticed in the west yesterday morning, has now extended over the whole of our Islands and the west of France, but at the other Continental stations pressure has continued to increase, though very slowly. The highest readings are now found over Central England and France, while there is a shallow depression lying over the south of Ireland, giving a gradient of 0.01 in. per 50 miles from Portsmouth to Corks Point.

Temperature has fallen several degrees over Central England and France but has risen a little in most other places.



Moderate to fresh S<sup>W</sup> or SE<sup>W</sup> breezes are reported from our western coasts, drawing round to N, however, at Valencia. On the eastern shores of the North Sea light N<sup>E</sup> breezes still prevail, and an E<sup>W</sup> current in the south-west of France. Calm or very light airs are general in the east of S<sup>W</sup> Britain. The sea is rough at Pembroke, moderate to smooth elsewhere.

Some rain has fallen in the west, heavily at Roches P. The sky is nearly clear in the north of our Islands and south of France, very cloudy elsewhere, with thick fog in the south-east of England.

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

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

Dangerfield, 11th, 22 Bedford St. Covent Garden.



Mon-day 8 a.m.

# WEATHER REPORT.

November 23<sup>d</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 ...	29.93	+ .15	5	5	-10	*	*	N	4	2	NNE	*	o	*	*
Hernösand ...	30.01	+ .22	12	?	-4	*	*	NE	2	2	Z	*	b	*	*
Stockholm ...	29.94	+ .17	21	20	-3	*	*	W	1	2	NNN	*	o	*	*
Wisby ...	29.91	+ .09	30	30	-3	*	*	NE	2	2	N	*	se	*	*
Christiansund ...	30.22	+ .22	33	32	-1	*	*	Z	0	2	S	*	se	*	3
Skudesnaes ...	30.12	+ .15	30	27	+3	*	*	NNE	4	2	NNE	*	b	*	2
Oxö (X'tiansand) ...	30.07	+ .10	29	27	+2	*	*	N	2	2	NNN	*	b	*	2
Skagen (The Skaw) ...	30.04	+ .09	30	31	0	*	*	NE	2	2	N	*	b	*	*
Fanö ...	30.04	+ .07	32	26	-1	*	*	W	2	2	NE	*	b	-	*
Cuxhaven ...	30.018	+ .07	33	32	-1	?	30	NE	3	5	N	0	cb	-	*
Sumburgh Head ...	30.095	+ .05	39	39	+5	42	30	ENE	2	2	N	9	co	-	3
Sornoway (Hebrides) ...	30.005	+ .03	37	36	-3	41	29	N	1	2	SE	10	bg	-	4
Thurso ...	30.095	+ .01	39	37	+4	41	34	S	2	2	SSE	7	cw	0.01	1
Wick ...	30.085	+ .02	41	39	+1	42	39	SW	2	4	SW	9	o	-	2
Nairn ...	30.085	+ .03	25	25	-5	39	24	Z	0	0	Z	0	b	-	0
Aberdeen ...	30.105	+ .02	34	33	+3	39	31	Z	0	1	S	6	cdm	0.06	1
Leith ...	30.115	+ .03	32	30	-7	44	28	S	3	3	S	4	bc	-	*
Shields ...	30.125	+ .03	35	35	-1	40	33	N	1	2	NNN	7	m	-	1
York ...	?	?	26	26	-2	34	22	NW	1	1	N	10	f	-	*
Scarborough ...	30.125	+ .03	36	35	-4	42	34	NNN	1	1	W	8	af	-	2
Nottingham ...	30.155	+ .01	26	26	-1	30	?	E	1	1	E	10	f	-	*
Ardrossan ...	30.085	+ .05	36	34	+1	39	34	NE	3	3	ENE	7	f	-	2
Greencastle ...	30.015	+ .10	47	45	+2	47	44	SE	4	6	ESE	10	g	0.02	*
Donaghadee ...	30.005	+ .06	46	45	+1	47	44	SE	4	5	ESE	8	cc	0.10	3
Kingstown ...	30.015	+ .11	47	46	-1	50	47	SSE	3	6	SSE	10	rm	0.24	3
Holyhead ...	30.035	+ .08	41	40	-3	47	40	Z	0	2	ESE	5	df	0.05	0
Liverpool (Bidston Obs.) ...	30.095	+ .04	33	32	+2	39	31	ESE	2	4	ESE	2	om	-	2
Valencia ...	29.965	+ .19	49	47	-1	54	48	NNE	3	3	N	?	a	0.14	4
Roche's Point ...	29.995	+ .22	50	49	0	53	45	SSE	5	6	S	9	ro	0.68	4
Pembroke ...	29.975	+ .04	47	45	-3	50	46	ESE	5	6	SE	10	o	0.29	4
Portishead ...	30.045	+ .02	33	32	-3	43	31	ENE	3	4	E	10	m	-	3
Scilly ...	29.835	+ .08	51	50	-1	53	50	E	5	7	N	7	oc	0.98	4
Plymouth ...	29.955	+ .05	45	43	-4	52	43	ESE	0	4	S	10	dg	0.23	*
Hurst Castle ...	30.055	+ .02	42	40	+2	46	39	E	2	3	E	3	b	-	2
Dover ...	30.075	+ .02	36	34	+2	43	31	NNN	2	3	N	2	b	-	1
London ...	30.095	+ .01	31	30	-2	36	30	Z	0	0	Z	10	f	-	*
Oxford ...	30.08	+ .03	32	32	+4	32	28	Z	0	0	Z	10	f	-	*
Cambridge ...	30.135	+ .01	23	23	-3	34	23	Z	0	1	SW	10	f	-	*
Yarmouth ...	30.095	+ .00	37	36	+1	41	35	Z	0	1	NNN	9	mf	-	2
Helder ...	30.02	?	42	*	*	*	*	NW	2	*	*	*	*	*	2
Cape Gris Nez ...	30.055	+ .03	40	36	-1	46	37	?	1	3	N	4	o	-	1
Brest ...	29.895	+ .13	48	46	-3	52	46	ESE	3	5	SSE	10	mo	0.51	3
L'Orient ...															
Rochefort ...	29.945	+ .17	40	36	+1	51	35	SE	7	5	SE	10	o	-	3
Biarritz ...	29.905	+ .16	43	41	+6	47	37	SE	1	5	E	9	o	-	3
Corunna ...															
Brussels ...	30.07	+ .03	37	*	-4	*	*	NNN	3	*	*	*	o	*	*
Charleville ...	30.11	+ .09	31	*	-8	*	*	N	1	*	*	*	o	*	*
Paris ...	30.075	+ .04	37	*	+2	45	34	ESE	1	3	E	6	oc	-	*
Lyons ...	?	?	37	*	-8	*	*	N	3	*	*	*	f	*	*
Toulon ...	29.865	+ .00	46	41	+4	53	42	NE	1	1	N	8	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	30.02	28	26	NNE	2	*	Valencia						
Thurso						1	Scilly						
Scarborough							London						*
Greencastle						*	Rochefort	30.06	49	44	SE	5	7
Holyhead												2	0

## 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.







Tues-day 8 a.m.

# WEATHER REPORT.

Nov. 24<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 Dis- tance. 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	30.43	+ 30	1	0	-5	*	*	NE	4	4	NE	*	b	*	*
Hornösand	30.35	+ 34	20	19	+7	*	*	NNE	4	2	NE	*	bo	*	*
Stockholm	30.12	+ 18	27	26	+6	*	*	NNW	2	2	N	*	cs	*	*
Wisby	30.05	+ 14	35	34	+5	*	*	N	4	4	N	*	c	*	*
Christiansund	30.26	+ 04	27	25	-6	*	*	ESE	4	0	Z	*	b	*	2
Skudesnaes	30.27	+ 15	35	?	+5	*	*	ESE	6	6	ESE	*	co	*	3
Oxö (X'tiansand)	30.27	+ 20	30	28	+1	*	*	NNE	4	4	N	*	cb	*	2
Skagen (The Skaw)	30.23	+ 19	31	30	-2	*	*	NE	2	4	NE	*	bo	—	*
Fanö	30.24	+ 20	30	29	-2	*	*	NNE	2	2	NNE	*	c	—	*
Cuxhaven	30.20	+ 19	35	32	+2	?	31	NNE	3	3	NE	8	co	—	*
Samburgh Head	30.01	- 08	41	40	+2	43	36	SSE	4	4	SSE	9	o	—	4
Sternoway (Hebrides)	29.91	- 09	46	45	+9	46	36	SSW	5	5	SSW	10	dg	0.14	5
Thurso	30.00	- 09	41	40	+2	41	36	ESE	2	2	ESE	8	wo	0.01	1
Wick	30.03	- 05	44	43	+3	44	30	S	1	3	S	10	o	—	1
Nairn	30.01	- 07	35	34	+10	35	24	Z	0	0	Z	9	fo	0.02	1
Aberdeen	30.07	- 03	39	38	+5	40	33	SSW	1	1	SSW	10	md	0.10	1
Leith	30.10	- 01	38	37	+6	39	30	NN	1	3	S	17	of	—	*
Shields	30.15	+ 03	36	34	+1	39	34	SW	2	3	SW	7	m	—	1
York	?	?	30	29	+4	33	22	SW	1	1	N	9	fm	—	*
Scarborough	30.17	+ 05	30	32	-3	41	33	WSW	1	1	N	3	fb	0.03	1
Nottingham	30.21	+ 06	26	25	0	33	25	NN	1	1	E	8	f	—	*
Ardrrossan	30.07	- 01	41	39	+5	43	36	E	1	3	NE	8	fd	0.02	0
Greencastle	29.97	- 04	46	45	-1	47	44	SSE	5	5	SSE	10	g	0.02	*
Donaghadee	30.01	+ 01	46	46	0	49	43	SSE	3	4	SSE	10	cd	0.07	2
Kingstown	30.04	+ 03	48	47	+1	49	46	SSE	3	3	S	10	gd	0.01	2
Holyhead	30.07	+ 04	44	39	+3	46	39	SSE	2	1	SSE	7	mg	—	1
Liverpool (Bidston Obs.)	30.12	+ 03	34	32	+1	41	33	SE	3	3	SE	7	bc	—	2
Valencia	29.89	- 07	50	50	+1	54	49	S	3	0	S	9	mr	0.24	4
Roche's Point	29.97	- 02	50	50	0	51	48	SSW	5	5	SSE	10	or	0.08	4
Pembroke	30.06	+ 09	40	47	+1	48	45	SSW	6	6	SSW	10	co	0.07	5
Portishead	30.17	+ 13	33	33	0	43	30	SE	2	4	E	7	om	—	2
Scilly	30.09	+ 26	50	48	-1	51	48	S	5	5	E	8	o	0.01	5
Plymouth	30.15	+ 20	45	42	0	47	37	SSE	3	3	E	10	bg	—	*
Hurst Castle	30.20	+ 15	30	30	-12	35	29	N	1	2	NE	5	fm	—	1
Dover	30.20	+ 13	40	36	+4	43	35	ESE	3	3	NN	3	b	—	2
London	30.21	+ 12	29	27	-2	40	27	Z	0	1	NE	5	fbm	—	*
Oxford	30.20	+ 12	24	24	-8	39	24	Z	0	1	NE	3	cb	—	*
Cambridge	30.21	+ 08	29	29	+6	33	23	Z	0	0	Z	10	co	—	*
Yarmouth	30.21	+ 12	38	37	+1	43	36	Z	0	2	N	8	cf	0.06	2
Helder	30.22	+ 20	33	*	-9	*	*	SE	2	*	*	*	*	*	?
Cape Gris Nez	30.18	+ 13	34	32	-6	46	32	ESE	3	3	N	4	bc	—	2
Brest															
L'Orient	30.17	+ 31	36	34	-7	46	35	SSE	0	5	ESE	4	ro	0.08	3
Rochefort	30.15	+ 21	35	31	-5	46	29	NE	5	7	SE	0	ob	—	3
Biarritz	30.12	+ 22	41	39	+2	50	34	SE	3	3	N	9	o	—	4
Corunna						*	*		*	*	*	*	*	*	*
Brussels	30.23	+ 16	32	*	-5	*	*	ENE	6	*	*	*	c	*	*
Charleville	30.22	+ 11	28	*	-3	*	*	E	1	*	*	*	b	*	*
Paris	30.20	+ 13	36	*	-1	42	32	NE	4	4	NE	10	om	—	*
Lyons	?	?	37	*	0	*	*	N	1	*	*	*	b	*	*
Toulon	29.92	+ 06	43	38	-3	52	42	NE	3	5	E	4	mb	—	3

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.	
Skudesnaes ...	30.18	35	32	Z	0	*	b	1	Valencia ...	30.02	50	48	SSE	2	8	g
Thurso ...	30.11	40	38	ESE	2	8	o	1	Scilly ...	30.01	50	48	E	5	8	o
Scarborough...	30.15	40	39	Z	0	10	o	1	London ...	30.13	40	37	NNE	1	7	f
Greencastle ...	30.05	47	46	SSE	1	10	g	*	Rochefort...	29.98	46	41	SE	7	10	o
Holyhead ...	30.09	45	42	SSE	1	2	m	1								

Pressure has increased generally, most at the mouth of the Channel. The depression noticed in the S.W. this morning is apparently moving away to the N.W. and the wind at Valencia has veered to S.E. In London the fog has been clearing slowly since 10.30 a.m.

## 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 8 a.m.

# WEATHER REPORT.

November 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.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)					Direc.
Haparanda ...	30.49	+ .26	10	10	-11	*	*	N	2	2	N	*	bo	*	*
Hernösand ...	30.41	+ .06	22	21	+2	*	*	N	4	2	NNE	*	o	*	*
Stockholm ...	30.20	+ .08	29	28	+2	*	*	N	2	2	NE	*	o	*	*
Wisby ...	30.20	+ .15	35	33	0	*	*	N	4	2	NE	*	s	*	*
Christiansund...	30.19	- .07	30	27	+3	*	*	ESE	6	4	SSE	*	b	*	2
Skudesnaes ...	30.23	- .04	32	27	-3	*	*	ESE	6	6	SE	*	c	*	4
Oxö (X'tiansand)	30.30	+ .02	25	23	-5	*	*	N	4	4	NNE	*	b	*	2
Skagen (The Skaw)	30.28	+ .05	31	28	0	*	*	ESE	2	2	NE	*	oo	-	*
Fanö ...	30.25	+ .01	28	27	-2	*	*	ENE	2	2	NNE	*	bo	-	*
Cuxhaven ...	30.22 f	+ .02	28	23	-7	36	?	WSW	1	2	NNE	2	b	-	*
Sumburgh Head	29.87 f	- .14	44	43	+3	46	38	SSE	2	7	SSE	10	g	-	7
Stornoway (He- brides.)	29.48 f	- .42	49	47	+3	49	45	S	8	8	S	10	rw	0.46	8
Thurso ...	29.63 f	- .37	44	43	+3	46	38	SSE	5	5	SSE	9	cfw	-	3
Wick ...	29.66 f	- .37	46	44	+2	46	41	S	7	7	S	10	og	-	4
Nairn ...	29.64 f	- .37	46	43	+11	46	35	N	2	2	N	8	bo	-	1
Aberdeen ...	29.78 f	- .29	45	43	+6	45	39	S	5	5	S	10	og	0.04	5
Leith ...	29.76 f	- .34	42	41	+4	48	36	SE	1	3	SE	10	ofr	0.07	*
Shields...	29.87 f	- .28	37	36	+1	38	34	SSW	4	3	SW	9	rm	0.05	1
York ...	?	?	37	36	+7	39	30	S	1	1	S	10	or	0.05	*
Scarborough ...	29.94 f	- .23	36	36	+3	39	33	SSW	3	2	SSW	10	eg	-	2
Nottingham ...	29.96 f	- .25	39	38	+13	39	26	SSE	4	4	S	10	fr	0.04	*
Ardrossan ...	29.69 f	- .38	43	42	+2	45	41	SE	2	6	SE	9	fr	0.45	4
Greencastle ...	29.57 f	- .40	51	50	+5	51	45	S	5	6	S	10	g	0.23	*
Donaghadee ...	29.62 f	- .39	50	50	+4	50	45	SSE	4	8	SSE	9	bo	0.56	5
Kingstown ...	29.68 f	- .36	52	50	+4	53	47	S	3	4	S	9	gsw	0.34	2
Holyhead ...	29.73 f	- .34	46	46	+2	47	42	SSW	5	4	S	10	rdg	0.35	3
Liverpool (Bidston Obs.)	29.80 f	- .32	40	39	+6	41	34	SE	4	4	SE	10	or	0.23	3
Valencia ...	29.67 f	- .22	50	50	0	55	49	NN	3	3	SW	9	r	1.03	4
Roche's Point...	29.68 f	- .29	51	51	+1	53	48	SW	5	6	SSE	10	rm	0.92	4
Pembroke ...	29.76 f	- .30	51	51	+3	51	46	S	7	7	S	10	rm	0.54	6
Portishead ...	29.87 f	- .30	43	42	+10	44	30	S	6	6	S	10	pm	0.15	3
Scilly ...	29.82 f	- .27	53	53	+2	53	48	SSW	5	6	S	10	gdf	0.27	6
Plymouth ...	29.89 f	- .26	46	46	+1	49	44	SSE	4	6	S	10	gd	0.57	*
Hurst Castle ...	30.00 f	- .20	44	43	+14	48	30	S	6	6	S	10	mr	0.10	5
Dover ...	30.09 f	- .11	40	38	0	42	38	S	4	3	SSE	5	bo	-	3
London ...	30.03 f	- .18	41	39	+12	41	29	S	2	0	Z	10	fr	0.02	*
Oxford...	29.97	- .23	38	38	+14	38	24	SE	1	1	SE	10	fr	0.11	*
Cambridge ...	30.03 f	- .18	37	35	+8	37	28	S	1	1	S	10	co	-	*
Yarmouth ...	30.08 f	- .13	40	37	+2	42	35	SSW	3	3	SSW	10	bg	-	3
Helder...	30.19	- .03	33	*	0	*	*	S	3	*	*	*	*	*	?
Cape Gris Nez...	30.11 f	- .07	32	30	-2	42	31	S	4	3	SE	7	co	-	3
Brest ...	29.95 f	- .26	48	46	+7	48	40	S	8	8	S	10	r	0.24	5
L'Orient ...	30.02 f	- .15	43	41	+7	44	36	SSE	5	5	SSE	10	r	0.04	5
Rochefort ...	30.11 f	- .04	33	31	-2	47	29	ENE	3	7	ENE	10	bo	-	3
Biarritz ...	30.06 f	- .06	41	39	0	48	36	E	4	4	N	8	o	-	3
Corunna ...						*	*				*	*	*	*	*
Brussels ...	30.20	- .03	30	*	-2	*	*	SE	1	*	*	*	b	*	*
Charleville ...	30.21	- .01	20	*	-8	*	*	E	1	*	*	*	b	*	*
Paris ...	30.16 f	- .04	27	*	-9	39	27	SE	1	4	E	2	bo	-	*
Lyons ...						*	*				*	*	*	*	*
Toulon...	29.93 f	+ .01	44	40	+1	49	42	E	1	3	NE	2	of	-	3

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		
Skudesnaes ...	30.27	35	30	SE	6	*	o	3	Valencia ...	29.84	54	54	SW	3	9	r	4
Thurso ...	29.96	43	42	SSE	2	6	c	1	Scilly ...	30.04	50	47	S	6	8	o	6
Scarborough...	30.13	39	37	SSW	1	3	b	2	London ...	30.17	38	37	Z	0	7	cf	*
Greencastle ...	29.89	48	47	SSW	3	10	q	*	Rochefort...	30.15	43	36	E	5	5	a	3
Holyhead ...	30.00	45	44	S	3	10	m	2									

The barometer continues to fall in the N. and the change has extended E 2 over the whole of our Islands.  
The weather has become very foggy again in London. —

## 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.

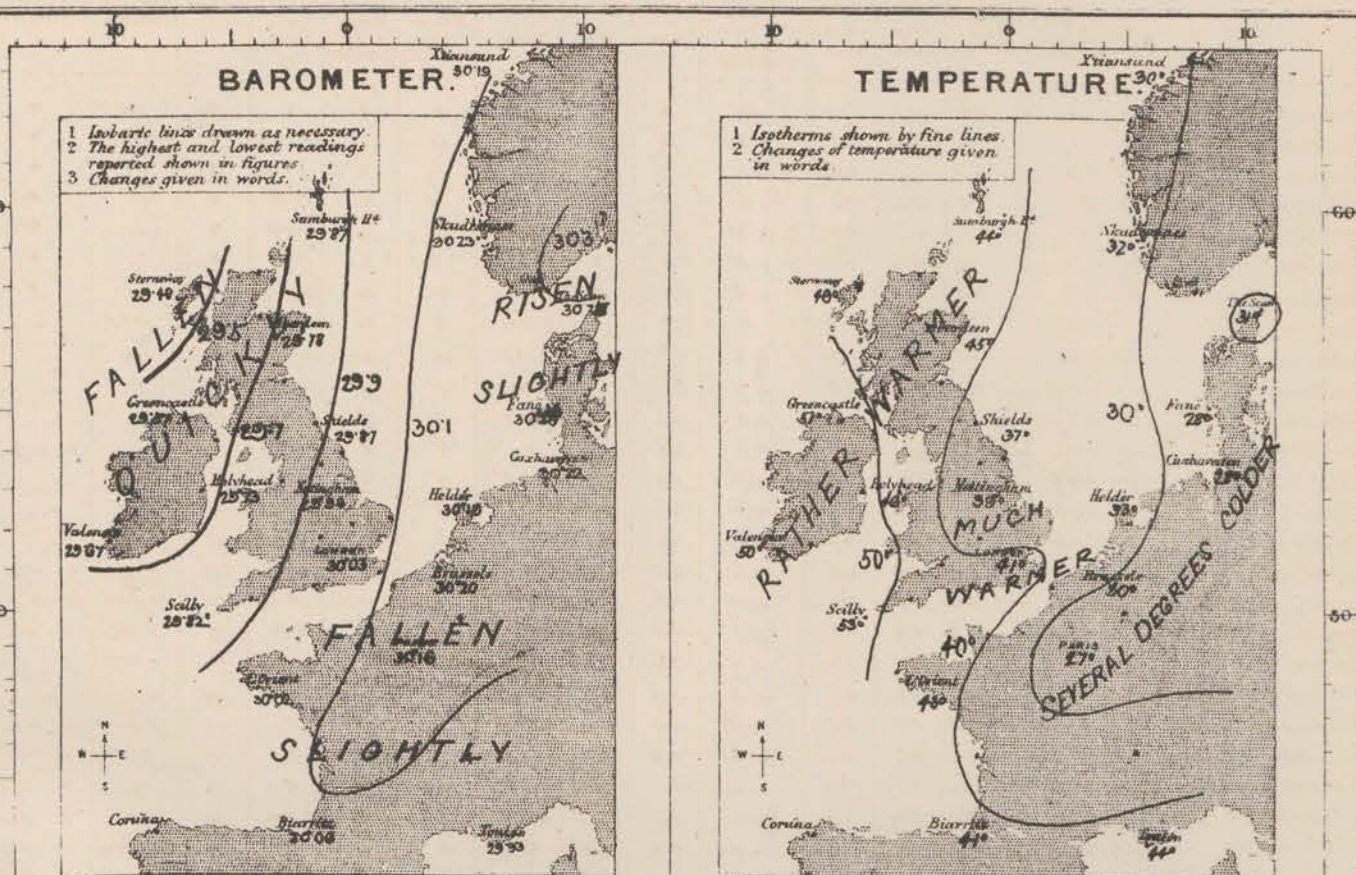
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

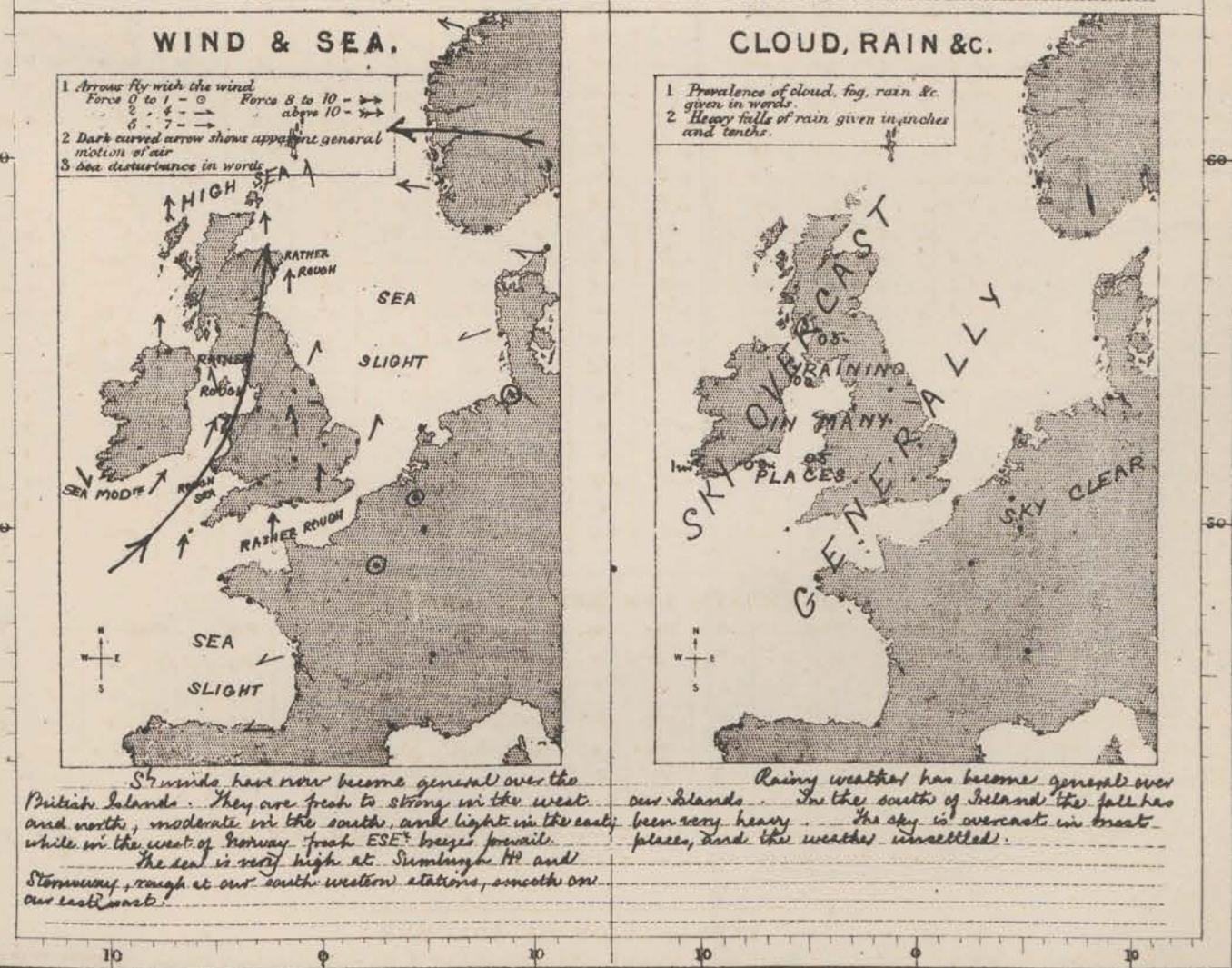
AND REMARKS FOR

WEDNESDAY 25<sup>TH</sup> NOV<sup>R</sup> 1874 AT 8 A.M.



The fall of the barometer noticed in the west and north-west of our Islands yesterday has continued very quickly, especially in the north-west, and extended to nearly all parts of Western Europe. The lowest readings were in the W. of Scotland, and the gradient from Penzance to Greenock is 0.06 in per 50 miles.

Temperature has risen over the whole of the United Kingdom—rapidly in south-eastern and central England, but has fallen on the Continent. Over the north-east of France hard frost prevails, while in Lapland the thermometer is as low as  $-10^{\circ}\text{F}$ .



Storms have now become general over the British Islands. They are fresh to strong in the west and north, moderate in the south, and light in the east, while in the west of Norway fresh ESE breezes prevail. The sea is very high at Sumburgh H<sup>o</sup> and Stormy, rough at our south-western stations, smooth on our east coast.

Rainy weather has become general over our Islands. In the south of Ireland the fall has been very heavy. The sky is overcast in most places, and the weather unsettled.

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<sup>t</sup>, Westminster, S.W.  
ROBERT H. SCOTT, Director.



Thurs. day 8 a.m.

# WEATHER REPORT.

Nov 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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.				
Haparanda ...	30.27	-.22	7	6	+17	*	*	SE	2	2	N	*	bo	*	*
Hernösand ...	30.31	-.10	20	19	-2	*	*	NNW	2	2	N	*	o	*	*
Stockholm ...	30.17	-.03	27	26	-2	*	*	NNW	2	2	NNE	*	so	*	*
Wisby ...	30.15	-.05	35	33	0	*	*	NE	4	2	E	*	sc	*	*
Christiansund ...	30.14	-.05	27	25	-3	*	*	ESE	4	4	SE	*	cb	*	2
Skudesnaes ...	30.12	-.11	34	30	+2	*	*	ESE	6	6	ESE	*	bo	*	5
Oxö (X'tiansand) ...	30.16	-.14	30	28	+5	*	*	NNE	6	4	NE	*	so	*	3
Skagen (The Skaw) ...	30.17	-.11	32	30	+1	*	*	ESE	2	2	ENE	*	ao	-	*
Fanö ...	30.16	-.09	26	26	-2	*	*	E	2	2	E	*	cb	-	*
Cuxhaven ...	30.16 f	-.06	23	18	-5	?	20	SSE	1	1	SSE	1	fb	-	*
Sumburgh Head ...	29.68 f	-.19	41	41	-3	45	38	SSE	8	8	SSE	10	gr	0.15	8
Stornoway (Hebrides) ...	29.52 r	+.04	43	42	-6	49	39	NNW	2	8	NNW	2	rb	0.15	5
Thurso ...	29.60 r	-.03	42	41	-2	45	41	SSE	2	6	SSE	10	ro	0.93	2
Wick ...	29.63 r	-.03	42	40	-4	46	40	S	5	8	S	10	gr	0.26	?
Nairn ...	29.62 r	-.02	38	36	-8	46	38	Z	0	2	N	2	opb	0.18	1
Aberdeen ...	29.67 r	-.11	40	39	-5	45	38	S	4	6	S	10	r	0.61	7
Leith ...	29.70 r	-.06	42	42	0	45	40	SW	1	3	SE	10	po	0.29	*
Shields ...	29.81 r	-.06	34	33	-3	40	33	SSW	5	7	S	9	lrs	0.29	5
York ...	?	?	41	41	+4	?	?	S	1	3	S	10	gs	0.60	*
Scarborough ...	29.91 r	-.03	32	31	-4	39	31	S	6	7	S	10	s	0.26	5
Nottingham ...	?	?	?	?	?	39	?	SE	3	5	SE	10	rs	0.46	*
Ardrossan ...	29.67 r	-.02	45	44	+2	46	42	S	4	4	S	6	re	0.50	3
Greencastle ...	29.66 r	+.09	42	41	-9	51	41	W	1	5	S	7	re	0.22	*
Donaghadee ...	29.68 r	+.06	37	37	-13	51	37	S	2	4	SSE	3	da	0.24	1
Kingstown ...	29.75 r	+.07	44	42	-8	55	44	SW	1	5	W	5	gf	0.11	1
Holyhead ...	29.74 r	+.01	46	45	0	49	46	SSW	1	6	S	10	r	0.53	1
Liverpool (Bidston Obs.) ...	29.77 r	-.03	34	33	-6	44	34	ESE	4	6	SE	10	o	0.31	3
Valencia ...	29.77 r	+.10	48	46	-2	53	46	W	3	3	W	4	e	-	3
Roche's Point ...	29.76 r	+.08	43	41	-8	51	40	NN	2	5	SW	4	oe	0.06	3
Pembroke ...	29.78 r	+.02	42	42	-9	53	42	E	1	7	S	4	om	0.57	3
Portishead ...	29.82 r	-.05	36	36	-7	45	32	SSE	3	7	S	10	gm	0.54	2
Scilly ...	29.79 r	-.03	50	47	-3	55	48	NNW	4	6	NNW	6	oe	0.15	5
Plymouth ...	29.75 r	-.14	44	44	-2	51	43	NE	1	6	S	10	rf	0.45	*
Hurst Castle ...	29.82 f	-.18	36	36	-8	44	35	SE	3	6	S	10	r	0.75	3
Dover ...	29.93 f	-.16	31	28	-9	42	30	SE	3	5	SSW	3	cb	-	3
London ...	29.90 f	-.13	33	30	-8	41	31	SE	1	4	SSE	8	roc	0.07	*
Oxford ...	29.86	-.11	33	33	-5	39	33	ESE	2	5	SSE	10	s	0.43	*
Cambridge ...	29.93 r	-.10	32	30	-5	37	30	SSE	1	2	SSE	10	pro	0.05	*
Yarmouth ...	29.98 f	-.10	34	32	-6	40	34	SSE	5	7	SSE	7	go	-	4
Helder ...	30.06	-.13	29	*	-4	*	*	SSE	4	*	*	*	*	*	2
Cape Gris Nez ...	29.91 f	-.20	26	26	-6	35	26	ESE	3	4	S	6	oc	-	2
Brest ...	29.80 r	-.15	49	49	+1	52	45	NNW	5	7	S	6	ro	1.18	4
L'Orient ...	29.75 r	-.27	38	38	-5	46	35	?	?	7	SSE	8	ro	0.24	3
Rochefort ...	29.72 f	-.29	38	36	+5	46	31	E	5	5	SE	10	or	0.87	3
Biarritz ...	29.76 f	-.30	52	50	+11	?	41	SW	5	4	E	9	r	0.12	3
Corunna ...			*	*		*	*			*	*	*	*	*	*
Brussels ...	30.03	-.17	27	*	-3	*	*	ENE	3	*	*	*	e	*	*
Charleville ...	?	?	26	*	+6	*	*	E	3	*	*	*	o	*	*
Paris ...	29.88 f	-.28	24	*	-3	33	20	W	4	7	ESE	2	e	-	*
Lyons ...	?	?	35	*	?	*	*	SW	3	*	*	*	f	*	*
Toulon ...															

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	30.15	33	29	ESE	6	*	6	5	Valencia ...	29.70	51	50	W	3	6	e	3
Thurso ...	29.60	44	43	SSE	5	10	r	3	Scilly ...	29.70	48	48	SSW	4	10	df	5
Scarborough...	29.83	37	36	S	6	10	r	5	London ...	29.97	39	38	S	1	10	r	*
Greencastle ...	29.56	48	47	Z	0	5	S	*	Rochefort...	30.05	34	35	SE	5	10	o	3
Holyhead ...	29.61	48	48	S	6	10	dw	4									

A slight recovery of pressure had occurred at Valencia by noon, since which time no further change is reported but the wind has backed from NW. to N. again. Elsewhere a further fall of the barometer has taken place and fresh S. winds prevail in most parts of St. Britain.

## 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.

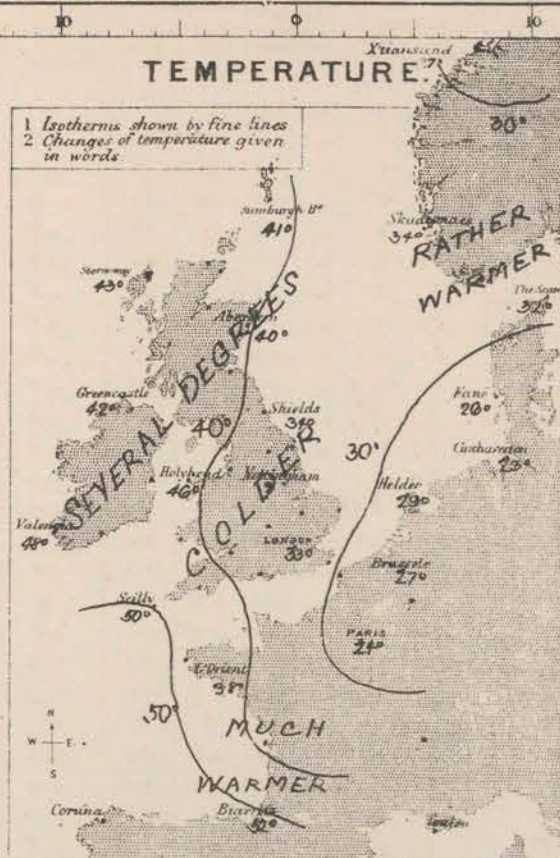
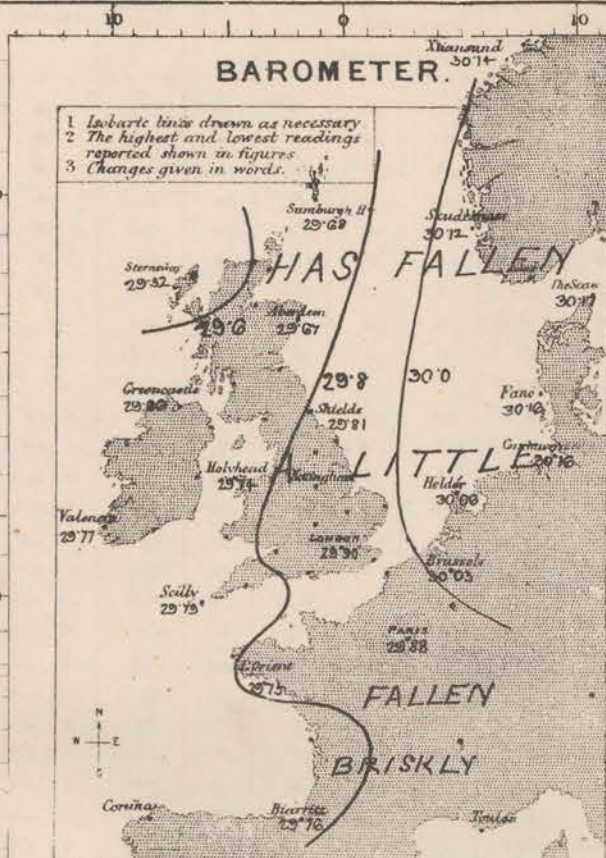
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

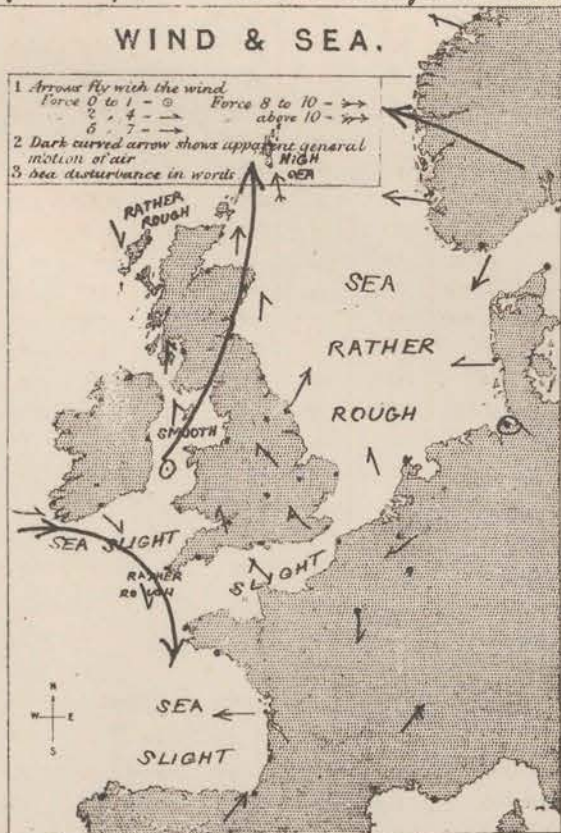
AND REMARKS FOR

THURSDAY 26<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.



The slight rise of pressure noticed at Valencia yesterday afternoon has become general over Ireland and the Hebrides, but at all the eastern and southern stations a further fall of the mercury has taken place. In London, however, the barometer is now rising. The lowest pressures lie off the north-west coast of Scotland, and there are some small local disturbances at the mouth of the Channel and over the Bay of Biscay. The gradient from Skutumpah to Lumburgh is 0.11 in per 50 miles.

Temperature has fallen several degrees in nearly all places. A smart frost prevails in Central France and North Germany. In Lapland the thermometer has risen.



The winds in France and the south of our Islands vary extremely, but at our more northern stations S. breezes prevail, which, though moderate generally, attain the force of a gale at Lumburgh. In the west of Norway moderate ESE winds are felt. The sea is still high in the north, rather rough in the north-east, but is generally moderate or slight in the south, and calm in the north-west.

Rain has fallen generally, more in most parts of England and in Norway. The sky is still very cloudy or overcast generally with snow in the north-east and at Oxford, rain in the north and north-west, as well as in the west of France.

Subscription for these Charts payable in advance to cover delivery.  
Delivery by hand 10/- per quarter.  
Post 3/- per quarter.

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

Dangerfield, Lith. London.



Fri - day 8 a.m.

WEATHER REPORT. Nov 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 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 ...	30.21	- .06	13	13	+6	*	*	NE	2	2	NE	*	5	*	*
Hernösand ...	30.31	- .00	9	8	-11	*	*	X	0	2	?	*	60	*	*
Stockholm ...	30.21	+ .04	30	29	+3	*	*	NE	2	2	NNE	*	5	*	*
Wisby ...	30.21	+ .06	35	33	0	*	*	N	2	4	NN	*	2	*	*
Christiansund ...	30.16	+ .02	36	31	+9	*	*	E	4	4	N	*	30	*	2
Skudesnaes ...	?	?	36	31	+2	*	*	ESE	8	6	SSE	*	00	*	7
Oxö (Xtiansand) ...	30.16	00	36	31	+6	*	*	E	4	4	N	*	30	*	3
Skagen (The Skaw) ...	30.23	+ .06	33	31	+1	*	*	E	2	2	E	*	00	-	*
Fanö ...	30.08	- .03	31	30	+5	*	*	ESE	4	4	E	*	5	-	*
Cuxhaven ...	30.03 f	- .13	29	25	+6	?	21	SE	3	5	E	9	bf	-	*
Sumburgh Head ...	29.63 f	- .05	42	40	+1	45	38	E	8	8	E	10	d	0.26	8
Stornoway (Hebrides) ...	29.37 f	- .15	43	42	0	46	41	S	7	7	SSW	10	r	0.60	7
Thurso ...	29.55 f	- .05	39	38	-3	45	38	SSE	5	5	SSE	8	og	0.05	3
Wick ...	29.60 f	- .03	40	39	-2	44	39	S	7	7	S	10	cg	0.06	5
Nairn ...	29.53 f	- .09	40	37	+2	45	38	S	1	1	S	7	bc	-	1
Aberdeen ...	29.64 f	- .03	40	37	0	43	39	S	6	6	S	10	og	0.03	6
Leith ...	29.62 f	- .08	33	33	-9	48	32	SSE	3	3	SSW	8	so	-	*
Shields ...	29.72 f	- .09	32	31	-2	35	30	S	3	5	S	9	os	0.02	3
York ...	?	?	28	28	-13	41	27	S	1	1	S	5	sm	0.07	*
Scarborough ...	29.75 f	- .16	32	32	0	33	31	SSW	3	6	S	10	sg	0.04	8
Nottingham ...	29.74 f	?	25	25	?	34	24	?	2	3	SE	5	sm	0.03	*
Ardrossan ...	29.53 f	- .14	39	37	-6	47	39	ESE	4	6	S	8	o	0.25	4
Greencastle ...	29.48 f	- .18	44	43	+2	45	42	N	1	3	S	10	g	0.13	*
Donaghadee ...	29.47 f	- .21	43	43	+6	47	37	SSE	2	3	S	10	ro	0.35	1
Kingstown ...	29.52 f	- .23	44	43	0	49	44	NNN	2	3	S	6	ga	0.19	1
Holyhead ...	29.53 f	- .21	42	42	-4	48	42	S	2	4	S	10	rog	0.33	1
Liverpool (Bidston Obs.) ...	29.61 f	- .16	30	29	-4	36	29	ESE	4	4	ESE	6	on	-	3
Valencia ...	29.51 f	- .26	47	47	-1	52	46	S	3	6	NNN	8	pr	0.36	5
Roche's Point ...	29.52 f	- .24	43	42	0	50	42	NW	1	4	SSW	4	oc	0.28	3
Pembroke ...	29.54 f	- .24	46	45	+4	48	42	Z	0	8	SSE	4	rm	0.34	4
Portishead ...	29.64 f	- .18	35	34	-1	40	32	ESE	3	4	ESE	10	og	-	3
Scilly ...	29.57 f	- .22	51	49	+1	52	48	NNN	4	5	NNN	6	pe	0.23	6
Plymouth ...	29.55 f	- .20	45	45	+1	56	41	ESE	2	4	E	10	or	0.27	*
Hurst Castle ...	29.67 f	- .15	40	37	+4	46	35	SE	2	3	E	10	so	0.09	3
Dover ...	29.75 f	- .18	32	31	+1	33	29	ESE	3	4	ESE	5	g	-	2
London ...	29.74 f	- .16	29	28	-4	37	27	E	1	2	ESE	4	so	-	*
Oxford ...	29.71	- .15	27	26	-6	33	26	X	0	2	ESE	8	go	-	*
Cambridge ...	29.76 f	- .17	29	29	-3	35	28	SSE	1	1	SSE	10	o	-	*
Yarmouth ...	29.77 f	- .21	35	33	+1	36	33	SE	4	5	SSE	10	go	-	4
Helder ...	29.87	- .19	28	*	-1	*	*	ESE	6	*	*	*	*	*	2
Cape Gris Nez ...	29.74 f	- .17	26	26	0	27	25	E	1	3	ESE	8	o	-	1
Brest ...	29.65 f	- .15	51	49	+2	53	49	NN	4	5	NNN	6	o	-	4
L'Orient ...	29.59 f	- .16	45	45	+7	54	37	SE	4	4	N	10	cf	0.39	4
Rochefort ...	29.71 f	- .01	38	38	0	44	35	SE	5	5	NE	10	r	0.28	3
Biarritz ...	29.76 f	- .00	47	45	-5	52	46	S	3	7	NN	8	r	0.67	5
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.80	- .23	30	*	+3	*	*	ESE	3	*	*	*	a	*	*
Charleville ...	29.84	?	24	*	-2	*	*	SW	1	*	*	*	o	*	*
Paris ...	29.75 f	- .13	27	*	+3	30	24	SW	3	4	ESE	10	bo	-	*
Lyons ...	?	?	41	*	+6	*	*	N	2	*	*	*	o	*	*
Toulon ...	29.82 f	- .05	41	39	?	45	39	E	5	5	E	10	or	0.04	4

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

RESIDENTIAL & F.M. REPORTS AND REMARKS.																	
	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.06	36	32	ESE	8	*	o	7	Valencia ...	29.67	50	50	SW	3	9	r	3
Thurso ...	29.80	44	43	SSE	2	7	e	2	Scilly ...	29.81	51	48	NNN	4	7	e	6
Scarborough...	29.88	33	32	SSW	4	10	s	4	London ...	29.89	36	33	ESE	2	9	oc	*
Greencastle ...	29.60	45	44	S	3	9	r	*	Rochefort...	29.79	39	37	E	4	10	r	3
Holyhead ...	29.71	47	46	S	3	6	e	2									

The changes in atmospheric pressure since the morning have been very irregular indeed. At Skues the barometer has risen very fast at all our other stations (excepting Scilly) it has fallen, especially at Valencia, while in the N. of France it has risen. Storms and rain prevail in Ireland but the sea remains smooth at Valencia. Warmly issued to our N. and N. coasts.

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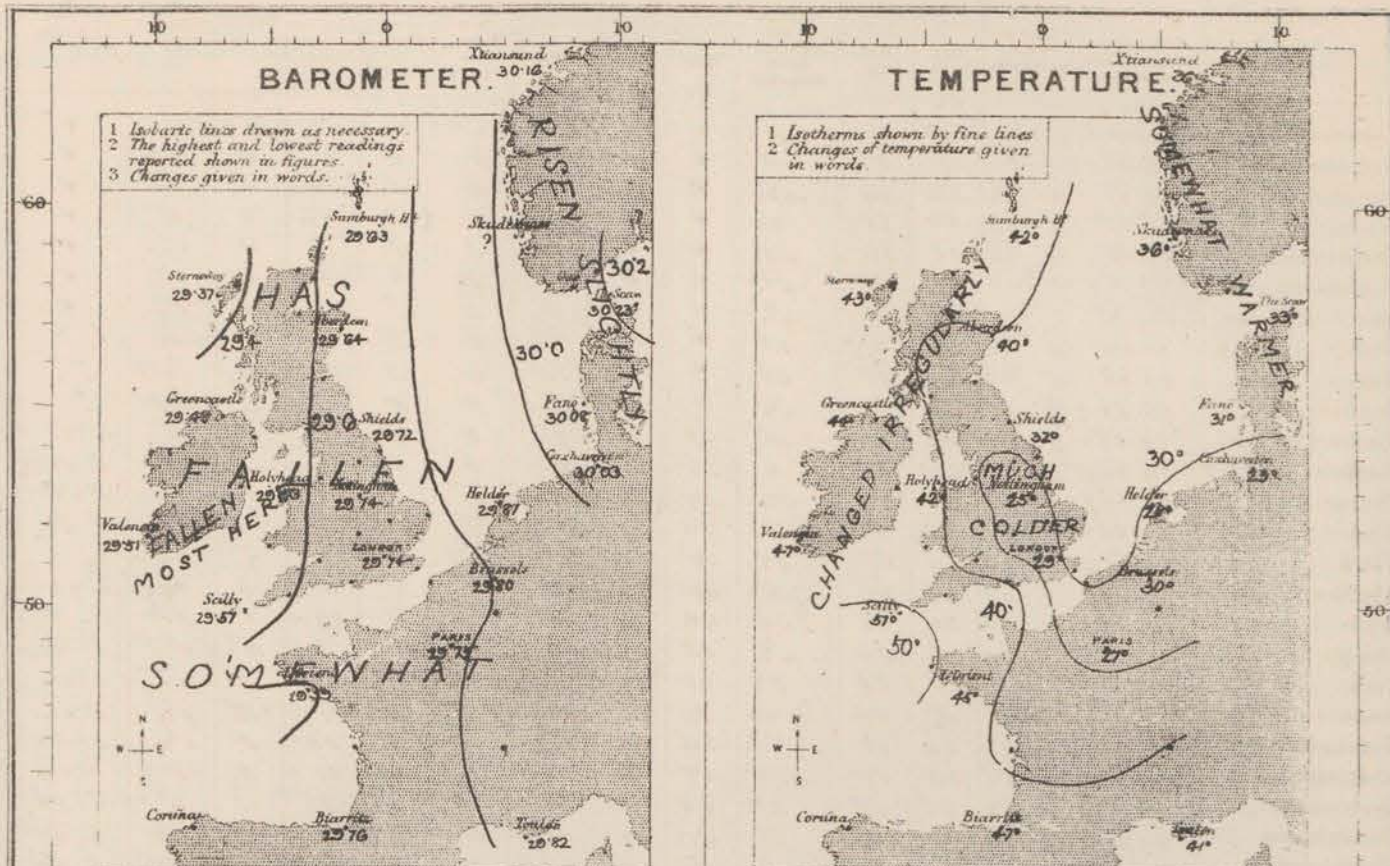
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

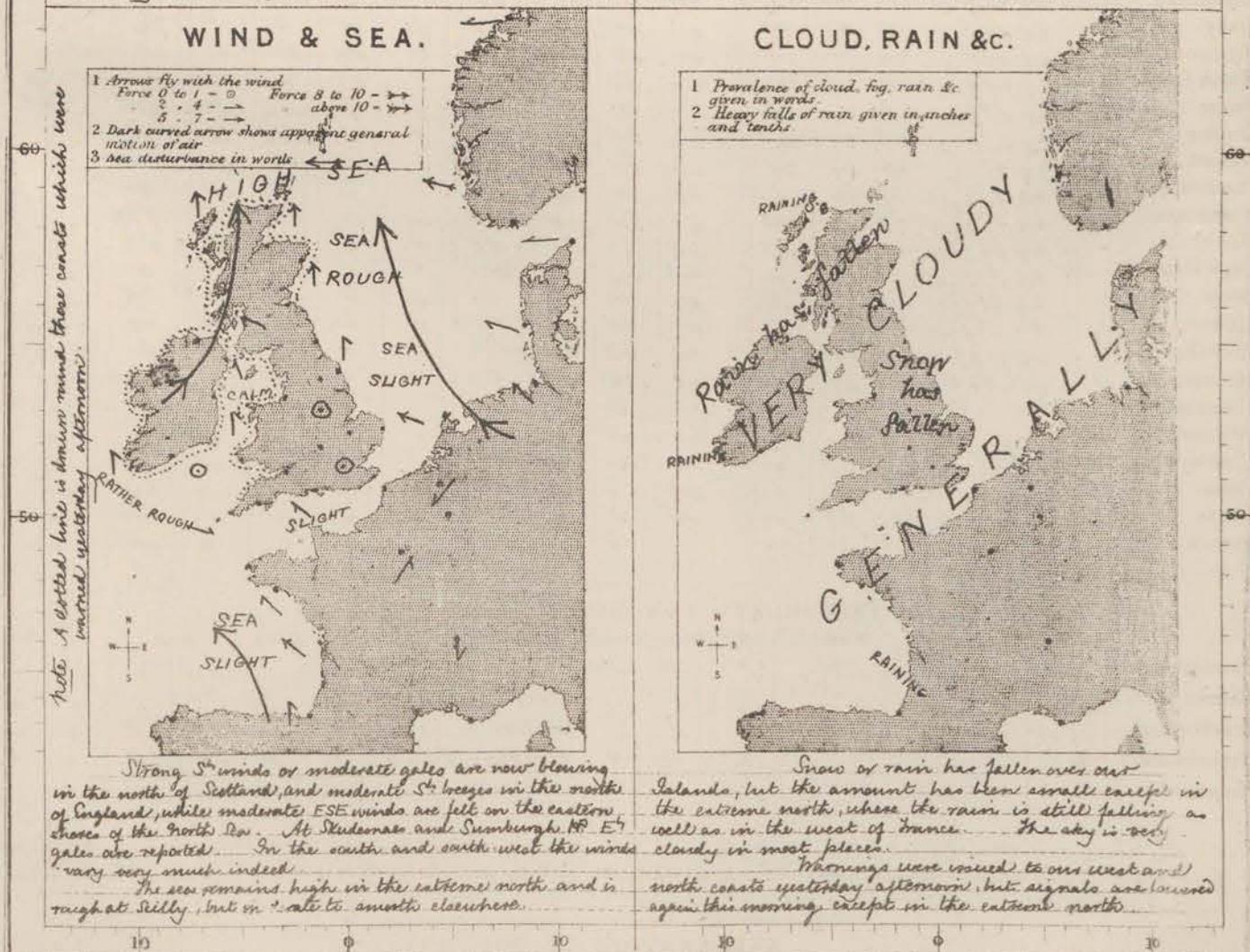
AND REMARKS FOR

FRI DAY 27<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.



The barometer is lower at nearly all stations this morning than it was yesterday, especially on our western coasts. The changes which brought about this difference have been extremely irregular, and during the night the fall of the mercury has been greatest in the south-west. The highest readings are still reported from the eastern shores of the North Sea, and the gradient from the sea to Stormy is 0.08 in feet 50 miles.

Temperature has decreased quickly over Central England, where a sharp frost prevails this morning. The cold weather on the continent still holds.



Strong S<sup>W</sup> winds or moderate gales are now blowing in the north of Scotland, and moderate S<sup>W</sup> breezes in the north of England, while moderate ESE winds are felt on the eastern shores of the North Sea. At Skudesnae and Sumburgh NP E<sup>W</sup> gales are reported. On the south and south-west the winds vary very much indeed. The sea remains high in the extreme north and is rough at Scilly, but is quite smooth elsewhere.

Snow or rain has fallen over our Islands, but the amount has been small except in the extreme north, where the rain is still falling as well as in the west of France. The sky is very cloudy in most places. Warnings were issued to our west and north coasts yesterday afternoon, but signals are lowered again this morning except in the extreme north.

Subscriptions 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<sup>et</sup>, Westminster, S.W.  
ROBERT H. SCOTT, Director.

Dangerfield Pitt London



Saturday 8 a.m.

# WEATHER REPORT.

Nov 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.	Dir.	Force. — (0 to 12.)	Force. — (0 to 12.)	Dir.				
Haparanda	30.18	-.03	13	13	0	*	*	N	2	2	SV	*	of	*	*
Hernösand	30.17	-.14	18	17	+9	*	*	NE	2	0	Z	*	o	*	*
Stockholm	30.10	-.11	32	30	+2	*	*	N	2	2	ENE	*	o	*	*
Wisby	30.09	-.12	33	32	-2	*	*	E	4	2	E	*	e	*	*
Christiansund	30.02	-.14	28	26	-8	*	*	SE	4	4	SE	*	b	*	2
Skudesnaes	29.97	?	36	31	0	*	*	E	6	8	ESE	*	o	*	5
Oxö (Christiansand)	30.02	-.14	31	29	-5	*	*	NE	6	6	ESE	*	o	*	4
Skagen (The Skaw)	30.03	-.20	34	33	+1	*	*	ESE	2	4	E	*	20	-	*
Fanö	29.90	-.18	32	31	+1	*	*	E	4	4	E	*	be	-	*
Cuxhaven	29.87	-.16	34	34	+5	?	27	SE	4	5	SE	8	o	-	*
Sumburgh Head	29.59f	-.04	42	42	0	44	38	SSE	8	8	SSE	10	d	0.07	8
Stornoway (Hebrides)	29.40f	+.03	44	42	+1	47	42	S	5	8	S	9	ow	0.02	6
Thurso	29.54f	-.01	39	37	0	40	38	S	2	6	SSE	8	o	0.01	2
Wick	29.52f	-.08	41	39	+1	42	39	S	6	8	S	10	om	-	7
Nairn	29.51f	-.02	37	35	-3	40	35	Z	0	1	S	6	oe	-	1
Aberdeen	29.58f	-.06	38	37	-2	41	36	S	1	6	S	10	od	0.08	5
Leith	29.56f	-.06	38	33	0	35	30	S	2	3	SSE	9	so	0.16	*
Shields	29.63f	-.09	33	33	+1	34	30	Z	0	4	S	8	om	-	0
York	?	?	32	32	+4	37	28	SE	1	1	SSE	10	of	-	*
Scarborough	29.64f	-.11	34	33	+2	35	31	SSW	2	3	SSW	8	o	-	3
Nottingham	29.64f	-.10	31	30	+6	35	25	NE	1	2	ENE	10	mg	-	*
Ardrossan	29.57f	-.02	35	33	-4	39	34	ENE	2	4	ESE	8	off	0.08	1
Greencastle	29.41f	-.07	44	43	0	45	42	SE	4	4	SE	10	g	0.06	*
Donaghadee	29.52s	+.05	43	43	0	57	42	ESE	5	5	ESE	10	er	0.09	4
Kingstown	29.45f	-.07	46	43	+2	49	42	SSE	3	2	NNW	10	mg	-	2
Holyhead	29.46f	-.07	41	40	-1	46	40	SSW	1	4	S	6	rm	0.20	0
Liverpool (Bishop's Obs.)	29.54f	-.07	32	31	+2	38	29	ESE	3	5	ESE	9	om	-	2
Valencia	29.29f	-.22	48	48	+1	51	45	S	3	3	SSE	9	er	0.30	?
Roche's Point	29.33f	-.19	47	47	+4	49	42	SSE	5	5	SSE	9	o	0.15	4
Pembroke	29.43f	-.11	44	41	-2	47	42	ESE	6	6	ESE	10	m	-	3
Portishead	29.54f	-.10	36	36	+1	39	32	E	4	4	E	10	g	0.02	3
Scilly	29.43f	-.14	50	48	-1	51	48	SSW	4	4	SSW	8	o	0.06	5
Plymouth	29.46f	-.09	47	47	+2	52	43	SSW	1	3	NN	8	gm	0.09	*
Hurst Castle	29.55f	-.12	44	44	+4	57	38	SE	1	2	SE	10	do	0.07	2
Dover	29.57f	-.18	36	34	+4	37	30	E	3	3	SSE	5	ge	-	2
London	29.62f	-.12	35	33	+6	38	26	SE	1	2	E	10	abo	-	*
Oxford	29.65	-.11	35	34	+8	35	27	Z	0	2	SE	10	go	-	*
Cambridge	29.63f	-.13	30	30	+1	35	25	ESE	1	1	SSE	10	og	-	*
Yarmouth	29.66f	-.11	37	35	+2	38	35	SE	3	5	SSE	7	oe	-	3
Helder	29.73	-.14	30	*	+2	*	*	ESE	5	*	*	*	*	-	1
Cape Gris Nez	29.61f	-.13	27	27	+1	34	26	SE	3	1	E	10	of	-	1
Brest	29.51f	-.14	52	52	+1	55	48	WSW	3	4	SSW	10	o	-	4
L'Orient	29.49f	-.10	46	46	+1	49	41	SE	3	4	SE	10	f	0.04	5
Rochefort	29.59f	-.12	45	43	+7	49	38	SE	4	5	SE	10	rm	0.16	3
Biarritz	29.62f	-.14	52	48	+5	56	47	SW	3	5	SW	9	ro	0.24	5
Corunna			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	29.68	-.12	34	*	+4	*	*	SSE	1	*	*	*	a	*	*
Charleville	? 29.79	-.05	32	*	+8	*	*	SV	1	*	*	*	o	*	*
Paris	29.64f	-.11	32	*	+5	?	27	E	1	3	ESE	10	om	-	*
Lyons	?	?	41	*	0	*	*	SE	1	*	*	*	o	*	*
Toulon	29.78f	-.04	40	40	-1	43	39	E	5	5	E	9	r	1.14	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	30.04	39	32	SSE	6	*	o	7	Valencia ...	29.50	50	49	SSE	2	7	c
Thurso ...	29.56	40	37	SSE	6	8	o	3	Scilly ...	29.54	50	49	SSE	2	9	df
Scarborough...	29.71	34	32	SSW	3	10	g	3	London ...	29.68	36	34	SE	2	10	com
Greencastle ...	29.48	45	44	SW	1	7	c	*	Rochefort...	29.65	47	45	SE	4	10	o
Holyhead ...	29.52	45	43	S	4	6	c	3								

A slight further fall of the barometer has taken place in the S. and E. and the wind at Scilly has shifted to SSE. Beyond this scarcely any change is reported.

## EXPLANATION OF COLUMNS.

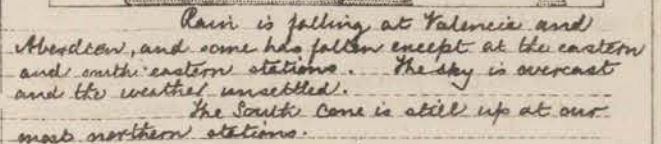
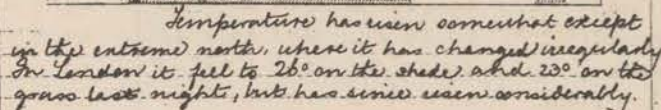
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N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



SATURDAY 28<sup>TH</sup> NOVEMBER 1874 AT 8 A.M.



Dangerfield. Inn 22 Bedford St Covent Garden



# SUMMARY OF WEATHER IN WESTERN EUROPE

from Nov<sup>R</sup> 22<sup>ND</sup> to Nov<sup>R</sup> 28<sup>TH</sup> 1874.

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

During the whole of this period the highest readings have been found over the North Sea or on its eastern shores, and the lowest to the westward or north-westward of these Islands. The changes of pressure were rather slight and irregular till the close of the week when a serious disturbance appeared off the south of Ireland. Until the 26<sup>th</sup> two distinct wind currents existed over Western Europe, - the one, S<sup>ly</sup> over the west of the United Kingdom, and the other, N<sup>ly</sup>, over Norway, Denmark &c., while an intervening band of calms lay over the greater part of England: toward the close of the week, however, the wind became generally S<sup>ly</sup>. Temperature has oscillated considerably, especially over Central England. The sky has been very cloudy with a great deal of fog in the south-east, and rain has been very general with snow and hail in some places. The sea has been unusually high in the north since the 25<sup>th</sup>.

NOV: 22<sup>ND</sup> - Two small areas of high readings, one lying over central England and the other over central France, had replaced the large area noticed at the end of last week, and at the same time a small shallow depression had advanced over S. of Ireland. The barometer had fallen over the whole of our Islands and the N. of France while it had risen elsewhere and the gradient from Fontenay to Rock Point was 0.07 in. per 50 miles. The wind had shifted to N. at Valencia in the rear of the above depression but fresh to moderate S<sup>ly</sup> to SE<sup>ly</sup> winds were reported at our other N. stations. Calms prevailed on our E coast while on the E shores of the North Sea light N<sup>ly</sup> breezes prevailed. Temperature had risen generally, but had fallen over the central parts of England and France. The sky was generally cloudy except in the N.E. with thick fog in the S.E. and rain in the SW.

NOV: 23<sup>RD</sup> - The mercury had recovered slightly over the greater part of our Islands while it had fallen again in the SW. where a shallow depression lay at 8 am. An area of high pressure lay over the N.E. of England and the gradient from Nottingham to Scilly was 0.065 in. per 50 miles. Easterly to SE<sup>ly</sup> breezes were experienced on our SW. coasts while very light airs or calms prevailed elsewhere. Temperature had fallen again in many places. The sky was overcast or very cloudy, with dense fog in the S.E. of England which continued during the whole day. At 2 pm. the barometer was rising everywhere particularly in the SW.

NOV: 24<sup>TH</sup> - Since 6 pm. on the previous evening a fall of the mercury had set in on our extreme N. and N. coasts while elsewhere the recovery continued so that the highest readings were found to the E<sup>ly</sup> and SE<sup>ly</sup> of these Islands and the gradient from Hurst Castle to Valencia was 0.045 in. per 50 miles. Moderate S<sup>ly</sup> breezes were felt along the whole of our N. coasts and fresh SE<sup>ly</sup> winds in the N. of Norway; over the remainder of our Islands calms prevailed and moderate N<sup>ly</sup> to NE<sup>ly</sup> breezes over Denmark and the Netherlands. Temperature had risen over Norway and in the greater part of our Islands but had fallen in the S.E. and over France. The sky was cloudy in the N. and N. with rain in the S. of Ireland but elsewhere it was moderately clear. At 2 pm. the wind continued S<sup>ly</sup> in the N. and the fall of the mercury had extended to all stations. -



NOV: 25<sup>TH</sup> — The barometer had fallen over the whole of W. Europe (except Denmark) especially in the N. of our Islands; a depression appeared to be advancing to the N. coast of Scotland and the gradient from Brussels to Greenock was 0.06 in: and that from Skudermoes to Stornoway 0.11 in: per 50 miles. Southerly winds were general over these Islands and France while ESE<sup>1</sup> breezes prevailed on the N. coast of Norway. In force they were light in the SE. of England but moderate to strong elsewhere and the sea was very high on the N. coast of Scotland. Temperature had increased over the British Isles while it had decreased on the continent, and, in the NE. of France a sharp frost was reported. The sky was overcast generally and rain was falling in many places. In the afternoon the barometer had recovered slightly at Valencia but was falling elsewhere.

NOV: 26<sup>TH</sup> — The slight increase of pressure noticed at Valencia on the previous afternoon had continued and extended to all our Irish stations and Stornoway, but elsewhere a fall was reported. The decrease had been rather brisk in the S. of France and a small depression was apparently lying over the Bay of Biscay while a second, still smaller lay at the mouth of the Channel. Gradients were steepest in the N. that from Skudermoes to Stornoway being 0.11 in per 50 miles. Temperature had fallen generally, several degrees over England. Moderate S<sup>1</sup> breezes reaching the force of a gale at Sumburgh Head (where the sea was very high) prevailed in Scotland and E<sup>1</sup> winds in Norway but over the greater part of our Islands and France the winds were light and varied considerably. Snow had been general over England and continued in the NE. and at Oxford while rain was falling in the N. of France and the sky was generally cloudy. At 2 p.m. the barometer was rising briskly in the N., but falling at Valencia. —

NOV: 27<sup>TH</sup> — The barometer had fallen slightly at nearly all stations but the general distribution of pressure continued unaltered; the highest readings were found over N. Europe and the lowest off the NW. of Scotland and the gradient from the Scaw to Stornoway was 0.08 in: per 50 miles. Southerly winds were general over the N. of S<sup>1</sup> Britain, increasing to the force of a moderate gale in the extreme N. while over the remainder of our Islands light breezes, generally E<sup>1</sup>, were reported, and moderate breezes from the same quarter on the E. shores of the North Sea. Temperature had decreased considerably over England, where as well as on the Continent a sharp frost was experienced. Snow had fallen in the NE. of England and the sky was very cloudy. During the day very little change occurred.

NOV 28<sup>TH</sup> — A further fall of the barometer had taken place at all stations, the decrease during the night having been rather brisk at Valencia, where the lowest pressure was found. Light SE<sup>1</sup> winds were general over these Islands except in the N. of Ireland and the N. of Scotland where moderate to fresh S<sup>1</sup> winds were reported, reaching the force of a gale at Sumburgh Head. Temperature had increased generally. The sky was overcast and rain was falling at Valencia and Aberdeen. During the day the barometer continued to fall briskly in the SW. and by 6 p.m. the centre of a deep depression had advanced over Valencia, the gale beginning after that hour even at the N. stations. —



Sunday 8 a.m.

# WEATHER REPORT. Nov. 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 5.	
	At 8 a.m.	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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)					Dirce.
Haparanda ...	29.82	-.36	11	11	-2	*	*	N	2	2	N	*	0	*	*
Hernösand ...	29.83	-.34	6	5	-12	*	*	Z	0	2	N	*	co	*	*
Stockholm ...	29.82	-.28	30	30	-2	*	*	ENE	2	2	E	*	os	*	*
Wisby ...	29.86	-.23	31	31	-2	*	*	SE	4	2	E	*	sc	*	*
Christiansund ...	29.71	-.31	27	25	-1	*	*	ESE	2	0	Z	*	bc	*	3
Skudesnaes ...	29.55	-.42	37	32	+1	*	*	E	8	6	E	*	c	*	5
Oxö (X'tiansand) ...	29.60	-.42	37	34	+6	*	*	E	6	6	NE	*	sf	*	4
Skagen (The Skaw) ...	29.69	-.34	35	33	+1	*	*	ESE	4	4	ESE	*	of	—	*
Fanö ...	29.48	-.42	32	32	0	*	*	SE	4	4	S	*	o	—	*
Cuxhaven ...	29.438	-.44	32	31	-2	?	30	SE	5	5	SE	7	o	—	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.032	-.37	42	39	-2	45	39	E	6	6	SSE	10	w	0.01	7
Thurso ...	29.178	-.37	40	39	+1	43	38	ESE	5	5	SSE	8	ow	0.10	13
Wick ...	29.127	-.40	40	39	-1	44	38	SE	7	7	S	10	gw	0.03	8
Nairn ...	29.072	-.44	37	36	0	47	36	SE	2	5	SE	8	co	—	3
Aberdeen 9 am	29.026	-.56	41	39	+3	43	38	E	7	8	SE	8	rg	0.26	8
Leith 9 am	28.878	-.69	40	40	+7	42	32	SE	7	3	S	10	ol	0.07	8
Shields ...	28.818	-.82	41	41	+8	43	32	SE	10	10	SE	10	ol	0.40	8
York ...	?	?	42	42	+10	43	34	E	3	3	E	10	r	0.84	*
Scarborough 10.30 am	28.598	-1.05	44	44	+10	44	34	SE	10	9	SE	10	ol	0.85	7
Nottingham ...	28.614	-1.03	45	45	+14	45	30	SSE	2	7	ENE	10	r	0.82	7
Ardrossan ...	28.788	-.73	40	38	+5	40	35	E	6	16	E	9	oh	0.04	3
Greencastle 9 am	28.792	-.62	50	49	+6	44	39	ESE	2	7	E	10	gd	0.20	5
Donaghadee ...	28.758	-.77	41	40	-2	43	41	NE	6	7	ESE	10	rd	1.12	5
Kingstown ...	28.678	-.78	43	42	-3	51	43	WNW	6	6	SSE	10	r	1.66	4
Holyhead ...	28.558	-.91	44	44	+3	46	40	ENE	2	5	E	10	r	0.87	3
Liverpool (Bidston Obs.) ...															
Valencia ...	29.042	-.25	43	42	-5	50	42	N	?	8	N	7	fg	0.32	7
Roche's Point ...	28.928	-.41	45	43	-2	51	42	NW	6	8	NW	7	rc	0.45	5
Pembroke ...	28.688	-.75	46	45	+2	52	42	WNW	10	10	WNW	10	rg	1.19	7
Portishead ...	28.608	-.94	45	45	+9	45	34	S	4	7	S	7	gw	0.76	13
Scilly ...	29.018	-.42	51	48	+1	54	44	WNW	10	11	NW	7	ohg	0.45	7
Plymouth ...	28.818	-.65	48	47	+1	55	45	WNW	6	8	WSW	10	gg	0.81	4
Hurst Castle ...	28.658	-.90	49	49	+5	62	45	WNW	7	7	WNW	5	rg	1.17	6
Dover ...	28.808	-.77	50	48	+14	51	34	SSW	6	5	S	7	cu	0.07	6
London ...	28.638	-.99	49	47	+14	55	35	S	2	5	SSE	8	gg	0.41	*
Oxford ...	28.658	-.95	47	46	+12	51	35	S	1	3	SE	10	r	0.93	*
Cambridge ...	28.678	-.96	47	47	+17	47	30	SSW	2	3	SSW	10	gso	0.67	*
Yarmouth ...	28.748	-.92	37	29	0	48	35	S	5	5	SE	10	ga	0.72	5
Helder ...															
Cape Gris Nez ...	28.868	-.75	50	48	+23	?	?	S	7	3	SE	10	ol	0.86	5
Brest ...															
L'Orient ...	29.158	-.34	51	47	+5	58	41	WNW	9	9	WNW	7	r	0.20	8
Rocheport ...	29.488	-.11	55	50	+10	?	43	WNW	12	4	SE	10	mo	0.43	7
Biarritz ...	29.752	+.13	56	54	+24	56	53	W	7	5	W	10	ro	0.16	16
Corunna ...	30.00	-	55	*	-	*	*	SW	16	*	*	*	fo	*	7
Brussels ...	29.01	-.67	46	*	+12	*	*	SSE	4	*	*	*	rc	*	*
Charleville ...	29.25	-.54	43	*	+11	*	*	S	3	*	*	*	o	*	*
Paris ...	29.158	-.49	49	*	+7	40	38	SSW	7	3	SE	10	o	0.20	*
Lyons ...	?	?	51	*	+10	*	*	S	6	*	*	*	c	*	*
Toulon ...	29.798	+.01	48	46	+8	48	42	E	1	5	E	10	ro	—	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.87	37	33	?	6	*	0	4	Valencia ...	29.12	48	48	E	2	8
Thurso ...	29.48	41	39	SSE	5	8	0	3	Scilly ...	29.26	57	57	S	6	10
Scarborough...	29.55	37	35	SSW	2	10	0	3	London ...	29.53	39	38	SE	2	10
Greencastle ...	29.30	43	42	ESE	5	10	9	*	Rocheport...	29.60	50	48	SE	4	10
Holyhead ...	29.34	44	43	SSE	2	10	do	1							

The barometer continues to fall excepting at Rocheport, most on our SW coasts, and the wind at Valencia has backed to E. The sea is increasing at the mouth of the channel, and rain falls along our W coasts. Warnings issued to our W. and N. coasts.

## 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.



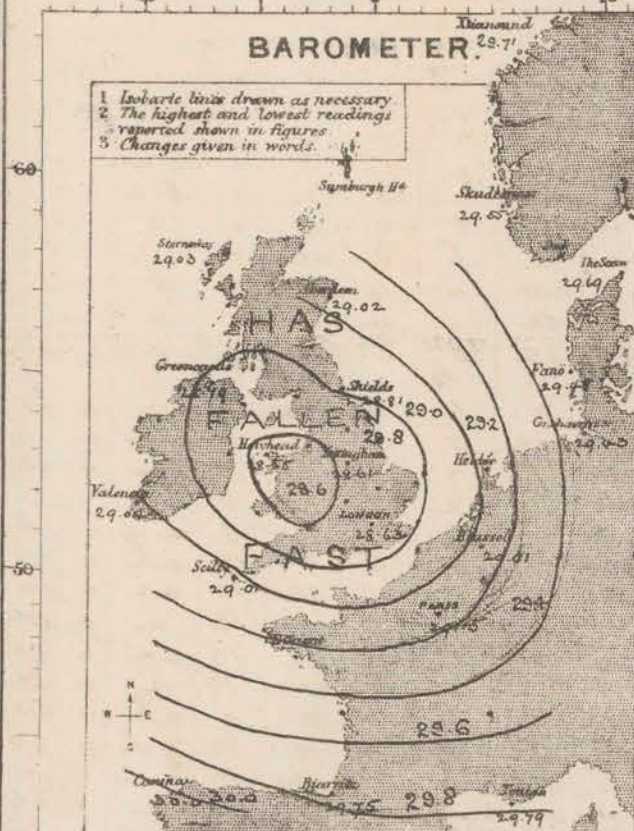
# WEATHER CHARTS

AND REMARKS FOR

SUNDAY NOVEMBER 29<sup>th</sup> 1874 AT 8 A.M.

## BAROMETER.

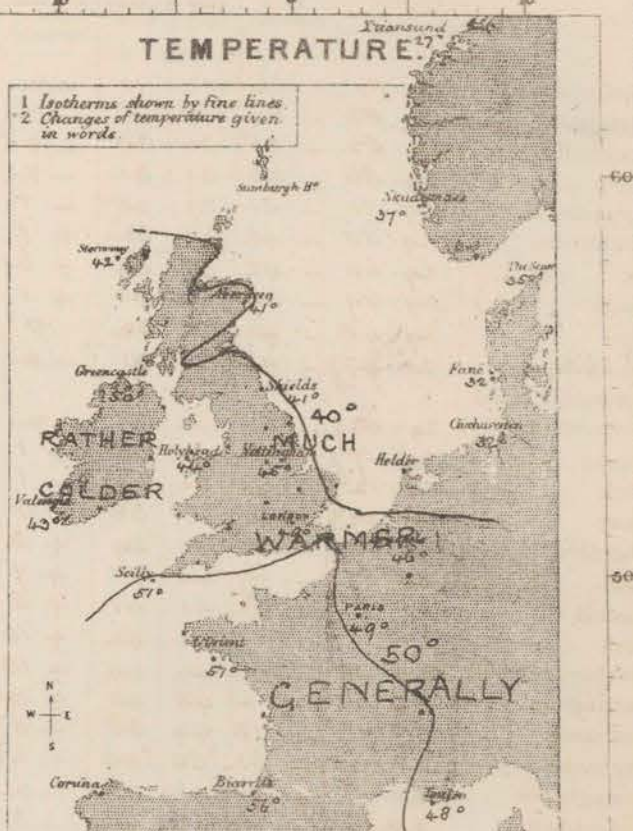
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past 24 hrs. a serious fall of the barometer has taken place over the United Kingdom amounting to more than an inch at Nottingham and the centre of a very deep and well defined depression has advanced to Wales and the W. central parts of England. From Cornwall to Pembroke there is a gradient of 0.03 in. per 50 miles for W. winds. While from Skidaway to Holy head there is one of 0.10 in. for SE winds.

## TEMPERATURE.

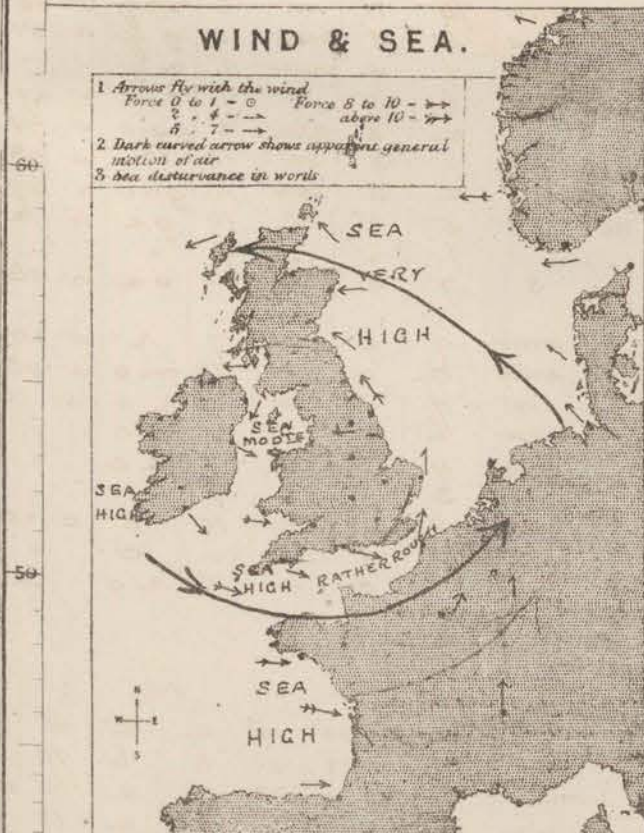
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen very considerably at all but the most W. stations. Over central England the change amounts to 16° in the 24 hours.

## WIND & SEA.

- 1 Arrows for with the wind. Force 0 to 1 - - - Force 5 to 10 - - - Force 10 - - -
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



Strong SE<sup>th</sup> gales have set in on our NE coast while very strong W. to NW<sup>th</sup> gales are felt in the SW and Bay of Biscay and S. winds in the SE of England.

The sea runs very high especially in the NW & NE.

## CLOUD, RAIN &c.

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



Very heavy rain has fallen over the whole of the United Kingdom accompanied by hail and snow in some places. The fall continues at most stations. The weather is extremely unsettled.

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<sup>et</sup>. Westminster S.W.  
ROBERT H. SCOTT, Director.

Dangerfield, Lith. London



Mon-day 8 a.m.

# WEATHER REPORT. Nov. 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.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
Haparanda ...	29.15	- 87	22	21	+11	*	*	SW	2	2	NE	*	o	*	*
Hernösand ...	29.30	- 53	21	21	+15	*	*	SSW	2	2	N	*	o	*	*
Stockholm ...	29.31	- 57	31	29	+1	*	*	E	2	1	SSE	*	o	*	*
Wisby ...	29.30	- 56	33	32	+1	*	*	SE	4	4	SE	*	o	*	*
Christiansund ...	29.27	- 44	25	20	-2	*	*	ESE	4	0	Z	*	b	*	2
Skudesnaes ...	29.00	- 55	37	32	0	*	*	NE	8	8	ENE	*	o	*	5
Oxö (Christiansand)	28.90	- 70	36	35	-1	*	*	E	8	8	E	*	o	*	7
Skagen (The Skaw)	29.05	- 64	35	35	0	*	*	SE	4	6	SE	*	o	0.12	*
Fanö ...	28.98	- 50	42	42	+10	*	*	SW	6	6	E	*	o	0.12	*
Cuxhaven ...	29.13r	- 30	40	40	+8	?	30	SW	2	7	S	5	o	-	*
Sumburgh Head ...	29.08r	+ 05	41	37	-1	42	39	E	6	7	E	10	w	0.16	7
Stornoway (Hebrides)	29.10r	- 07	40	38	0	42	38	NE	5	7	E	8	po	0.19	4
Thurso ...	29.05r	- 07	40	36	0	41	37	NE	6	9	E	10	w	0.15	8
Wick ...	28.97r	- 10	38	37	+1	41	37	ESE	4	7	ESE	10	r	0.65	6
Nairn ...	28.94r	- 08	40	39	-1	42	40	SE	9	9	E	10	r	1.05	9
Aberdeen ...	28.88r	+ 01	42	42	+2	44	39	E	6	9	E	10	r	0.96	*
Leith ...	28.83r	+ 02	39	38	-2	44	37	NN	4	8	SE	9	r	0.55	7
Shields ...	?	?	37	36	-5	45	37	SW	1	4	WSW	5	ro	0.35	*
York ...	28.86r	?	38	37	-6	46	37	N	2	8	SE	3	rb	0.21	3
Scarborough ...	28.93r	+ 32	34	33	-11	48	32	WSW	1	8	N	3	rlf	0.15	*
Nottingham ...	28.84r	+ 06	38	37	-2	42	37	NE	2	6	E	9	r	0.53	1
Ardrossan ...	28.89r	+ 10	40	40	-10	40	39	E	1	2	SW	10	d	0.15	*
Greencastle ...	28.82r	+ 07	39	39	-2	41	38	WSW	3	6	NE	10	do	0.21	2
Donaghadee ...	28.89r	+ 22	39	38	-4	47	39	SSE	1	7	SSE	5	gom	0.01	1
Kingstown ...	28.85r	+ 30	41	40	-3	48	41	WSW	1	9	NNW	5	po	0.10	1
Holyhead ...	28.88r	- 15	39	37	-4	50	37	SE	1	6	N	4	pho	0.12	3
Liverpool (Bidston Obs.)	28.89f	- 03	40	39	-5	48	37	WSW	2	6	NN	5	po	0.03	3
Valencia ...	28.90f	+ 22	44	42	-2	49	43	Z	0	10	NNW	10	gr	0.21	0
Roche's Point ...	28.89f	+ 29	39	39	-6	50	37	SE	1	8	N	10	gm	?	2
Pembroke ...	28.94f	- 07	46	44	-5	51	44	N	4	10	NNW	7	gc	0.29	6
Portishead ...	28.92f	- 11	42	42	-6	56	41	Z	0	8	NN	8	gf	0.06	*
Scilly ...	28.93f	+ 28	43	43	-6	57	42	NE	1	9	NNW	10	glo	0.18	4
Plymouth ...	28.92f	+ 12	50	48	0	51	44	WSW	7	7	WSW	8	glr	0.15	6
Hurst Castle ...	28.91f	+ 28	44	43	-5	51	41	NE	1	9	N	10	glo	0.35	*
Dover ...	28.93f	+ 20	42	42	+5	48	39	S	2	8	WSW	10	gr	0.33	3
London ...	28.91f	+ 26	40	39	-7	48	35	S	1	5	WSW	10	po	0.33	*
Oxford ...	28.93f	+ 20	37	37	-10	49	36	Z	0	7	WSW	10	of	0.20	*
Cambridge ...	28.93f	+ 26	40	39	-7	48	35	S	1	5	WSW	10	po	0.33	*
Yarmouth ...	28.94r	+ 20	42	42	+5	48	39	S	2	8	WSW	10	gr	0.33	3
Helder ...	29.06		46	*	*	*	*	SSW	3	*	*	*	*	*	2
Cape Gris Nez ...	28.96r	+ 10	47	47	-3	52	39	S	8	11	WSW	10	r	0.52	6
Brest ...	29.05f	- 15	51	49	0	54	46	N	7	9	WSW	9	r	0.51	7
L'Orient ...	29.34f	- 14	55	48	0	59	49	SW	12	12	N	10	o	0.12	7
Rochefort ...	29.47f	- 28	54	54	-2	57	47	S	7	7	N	8	o	-	7
Biarritz ...	29.15	- 14	46	*	0	*	*	WSW	6	*	*	*	r	*	*
Corunna ...	? 29.32	+ 07	46	*	+4	*	*	S	6	*	*	*	o	*	*
Brussels ...	29.22f	+ 07	47	*	-2	53	43	SSW	9	8	SW	9	co	0.04	*
Charleville ...	?	?	49	*	-3	*	*	S	3	*	*	*	o	*	*
Paris ...	29.75f	- 04	51	49	+3	54	47	N	1	4	SE	10	o	0.39	3
Lyons ...															
Toulon ...															

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

Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.34	37	31	ESE	8	*	Valencia ...						
Thurso ...							Scilly ...						
Scarborough ...							London ...						
Greencastle ...						*	Rochefort ...	29.62	55	48	NNN	11	8
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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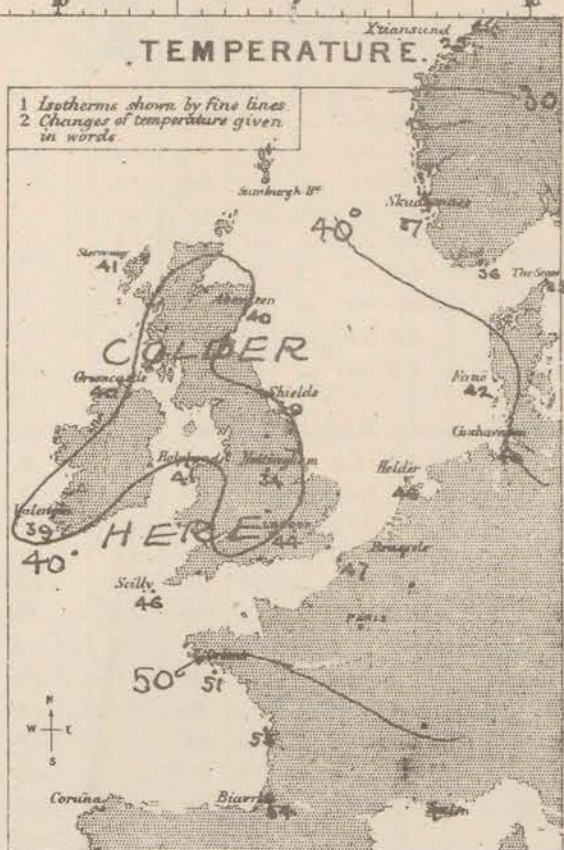
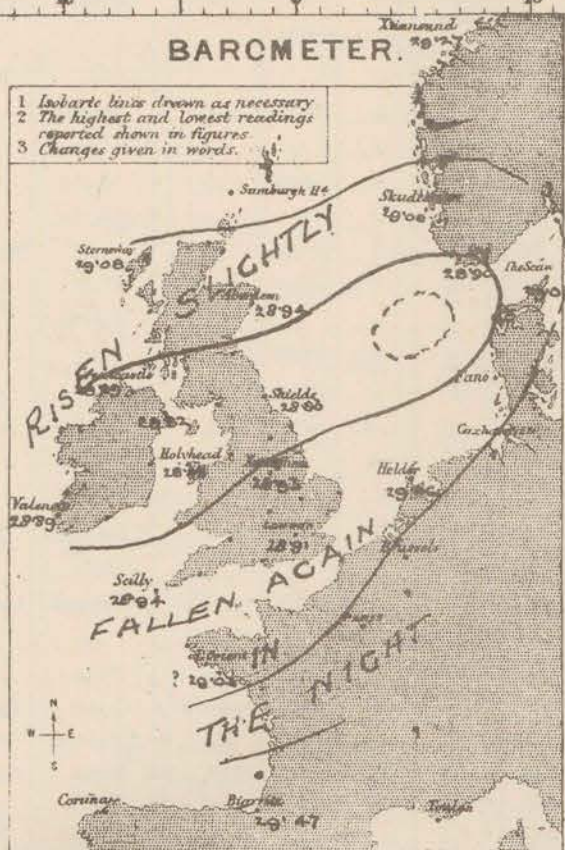
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

AND REMARKS FOR

MONDAY 30<sup>TH</sup> NOV: 1874 AT 8 A.M.



The deep depression which had advanced over Wales from the S.W. yesterday morning has now passed off towards the Skager Rack, but during the night a fresh fall of the barometer has taken place except in the N. and a larger but shallower depression has set over us. Gradients are slight over the United Kingdom the morning but from Brittany to L'Orient there is one of 0.09 in. per 50 miles, from S.W. winds.

Temperature has fallen generally

## WIND & SEA.

- 1 Arrows fly with the wind  
Force 0 to 1 - 0  
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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 Distur- bance— 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.		Extremes.					
				Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
3 <sup>rd</sup>	Cuxhaven	30.18f	-10	45	45	+3	?	33	S	2	2	SSE	9	of	—	—
6 <sup>th</sup>	Corunna	30.26	—	40	*	—	*	*	Z	0	*	*	*	c	*	1
7 <sup>th</sup>	Christiansund	29.82	—	44	39	—	*	*	SE	6	2	SSW	*	bc	*	5
"	Corunna	30.31	+05	57	*	+17	*	*	?	?	*	*	*	c	*	1
9 <sup>th</sup>	Christiansund	29.73	-33	41	36	-8	*	*	W	8	?	WSW	*	sb	*	4
"	Jamö	30.28	-11	51	50	+6	*	*	WSW	4	L	WSW	*	bo	—	*
"	Corunna	30.28	-01	56	*	+4	*	*	SE	1	*	*	*	b	*	1
10 <sup>th</sup>	Christiansund	29.18	-55	38	35	-3	*	*	NNW	8	4	ESE	*	st	*	6
"	L'Orient	30.23f	-14	44	44	-4	54	44	ENE	3	4	ENE	10	f	—	2
11 <sup>th</sup>	Christiansund	29.49	+31	39	37	+1	*	*	NW	7	9	NW	*	sof	*	7
"	Corunna	30.18	—	57	*	—	*	*	N	6	*	*	*	c	*	7
12 <sup>th</sup>	Christiansund	29.63	+14	37	37	-2	*	*	—	—	—	—	*	—	*	—
"	Corunna	30.02	-16	55	*	-2	*	*	NE	?	*	*	*	m	*	7
14 <sup>th</sup>	Corunna	30.35	—	53	*	—	*	*	NW	1	*	*	*	po	*	9
15 <sup>th</sup>	Dover	30.02f	-07	44	42	+5	45	35	W	3	4	NNE	5	c	—	2
16 <sup>th</sup>	Dover	—	-39	—	—	+1	—	—	—	—	—	—	—	—	—	—
17 <sup>th</sup>	Haparanda	29.97	+17	8	7	-6	*	*	E	2	2	NE	*	rc	*	*
"	Hernösand	29.66	+01	32	32	+9	*	*	ESE	6	4	SE	*	os	*	*
"	Stockholm	29.44	-01	38	35	+5	*	*	ESE	4	2	SSE	*	o	*	*
"	Wick	29.43	-06	37	35	-2	*	*	SE	4	2	S	*	rc	*	*
"	Christiansund	29.95	+16	38	33	-1	*	*	SE	4	4	SE	*	b	*	4
"	Skudesnaes	29.34	+16	34	33	-3	*	*	ENE	2	0	Z	*	rb	*	2
"	Onö	29.26	+10	37	36	-5	*	*	NNW	4	2	WNW	*	c	*	2
"	Brest	30.12r	+08	55	53	+1	55	50	NW	7	7	NW	10	o	—	4
"	Paris	29.70f	+01	55	*	+6	?	47	NW	8	8	NW	10	ro	0.04	*
18 <sup>th</sup>	Corunna	30.30	—	54	*	—	*	*	N	3	*	*	*	c	*	1
20 <sup>th</sup>	Corunna	30.32	—	54	*	—	*	*	N	3	*	*	*	o	*	5
21 <sup>st</sup>	Brest	30.11r	+01	48	46	-2	54	46	ESE	3	4	NNW	10	o	—	3
"	Corunna	30.13	-19	47	*	-7	*	*	NE	3	*	*	*	b	—	5
23 <sup>rd</sup>	L'Orient	29.86f	-16	43	43	-4	52	43	SE	5	5	S	10	ot	0.16	5
24 <sup>th</sup>	Brest	30.21r	+32	41	41	-7	49	40	SE	4	5	SE	8	o	—	4
"	Corunna	30.17	—	36	*	—	*	*	NE	6	*	*	*	c	*	5
25 <sup>th</sup>	Corunna	30.09	-08	52	*	+16	*	*	S	3	*	*	*	o	*	1
26 <sup>th</sup>	Toulon	29.87f	-06	?	?	?	46	?	E	3	4	E	9	o	—	3
29 <sup>th</sup>	Lumburgh H.	29.32f	-27	41	40	-1	43	38	SE	7	8	SE	7	p	0.09	8
"	Liverpool	28.57f	-97	41	40	+9	41	32	E	3	7	E	10	m	0.74	2
"	Brest	29.18f	-33	52	52	0	56	47	W	9	11	SW	10	rf	0.47	8
30 <sup>th</sup>	Lumburgh H.	29.96f	-26	40	38	-1	42	32	ESE	7	7	ESE	9	p	0.05	6
"	Brest	29.05f	-13	50	50	-2	54	47	W	4	9	W	10	fo	0.28	5
2. CORRECTIONS OF REPORTS																
2 <sup>nd</sup>	Donaghadee	—	—	—	—	—	—	—	—	—	—	—	—	—	0.21	—
"	Holyhead	29.98f	-21	—	—	—	—	—	—	—	—	—	—	—	—	—
"	Pembroke	—	—	—	—	—	—	—	—	—	—	—	—	—	0.19	—
"	Plymouth	—	-10	—	+2	—	—	—	—	—	—	—	—	—	—	—
"	Hurst Castle	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
4 <sup>th</sup>	Haparanda	—	-77	—	—	—	—	—	—	—	—	—	—	—	—	—
5 <sup>th</sup>	Wick	—	—	48	45	—	—	—	—	—	—	—	—	—	—	—
"	Hurst Castle	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—
"	London	—	—	—	—	—	60	—	—	—	—	—	—	—	—	—
6 <sup>th</sup>	Kingstown	—	—	—	—	—	—	—	—	—	—	—	—	rb	—	—
8 <sup>th</sup>	Ardrrossan	—	—	—	—	—	—	—	SW	4	4	SW	—	—	—	—
"	Greencastle	—	—	—	—	—	—	—	—	—	—	—	—	c	—	—
9 <sup>th</sup>	Ardrrossan	—	—	—	—	—	—	—	—	—	—	SW	8	cm	—	—
"	Holyhead	—	—	—	—	—	—	—	—	—	—	—	7	m	—	—
10 <sup>th</sup>	Lumburgh H.	—	—	—	—	—	—	—	N	—	10	N	—	—	—	5
"	Thurso	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



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.		Extremes.					
				Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)					Direc.
10 <sup>th</sup>	Bonaghadee	—	—	—	—	—	58	—	—	—	—	—	—	—	—	
11 <sup>th</sup>	Paris	30.24	— 22	—	—	—	—	—	—	—	—	—	—	—	—	
12 <sup>th</sup>	Thurso	—	—	—	—	—	—	—	—	—	—	—	9 ps	—	—	
13 <sup>th</sup>	Wick	—	—	—	—	—	29	—	—	—	—	—	—	—	—	
14 <sup>th</sup>	Oxford	30.20	—	—	—	—	—	—	—	—	—	—	—	—	—	
15 <sup>th</sup>	Lumburgh H <sup>o</sup>	—	—	—	—	—	—	—	NW	—	—	—	—	—	—	
16 <sup>th</sup>	Stornoway	—	—	36	35	—	37	—	—	—	—	—	—	—	—	
17 <sup>th</sup>	Oxford	30.00	—	—	—	—	—	—	—	—	—	—	—	—	—	
18 <sup>th</sup>	Scarboro'	—	—	40	39	—	—	—	—	—	—	—	—	—	—	
19 <sup>th</sup>	Stornoway	—	—	—	—	+ 2	—	—	—	—	—	—	—	—	—	
20 <sup>th</sup>	Scarborough	—	—	—	—	—	42	—	—	—	—	—	—	—	—	
21 <sup>st</sup>	Dover	29.79½	— 04	—	—	—	—	—	—	—	—	—	—	—	—	
22 <sup>nd</sup>	Oxford	29.84	— 16	—	—	—	—	—	—	—	—	—	—	—	—	
23 <sup>rd</sup>	Cambridge	29.80½	— 12	—	—	—	—	—	—	—	—	—	—	—	—	
24 <sup>th</sup>	Harin	—	—	—	—	—	—	—	NW	—	—	NNW	—	—	—	
25 <sup>th</sup>	Kingstown	30.26½	+ 22	—	—	—	—	—	—	—	—	—	—	—	—	
26 <sup>th</sup>	Dover	—	+ 30	—	—	—	—	—	—	—	—	—	—	—	—	
27 <sup>th</sup>	Oxford	—	+ 33	—	—	—	—	—	—	—	—	—	—	—	—	
28 <sup>th</sup>	Cambridge	—	+ 36	—	—	—	—	—	—	—	—	—	—	—	—	
29 <sup>th</sup>	Wick	29.56½	— 44	—	—	—	—	—	—	—	—	—	—	—	—	
30 <sup>th</sup>	Kingstown	—	— 22	—	—	—	—	—	—	—	—	—	—	—	—	
31 <sup>st</sup>	Stornoway	—	—	—	—	—	—	—	—	—	—	NNW	—	—	—	
1 <sup>st</sup>	Wick	—	— 21	—	—	—	—	—	—	—	—	—	—	—	—	
2 <sup>nd</sup>	Helder	29.43	—	44	—	—	—	—	NNW	3	—	—	—	—	4	
3 <sup>rd</sup>	Wick	29.56½	+ 21	—	—	—	—	—	—	—	—	—	—	—	—	
4 <sup>th</sup>	Shields	29.64½	+ 09	—	—	—	—	—	—	—	—	—	—	—	—	
5 <sup>th</sup>	Nottingham	29.70½	+ 06	—	—	—	—	—	—	—	—	—	—	—	—	
6 <sup>th</sup>	Roches Pt.	—	—	—	—	—	46	—	—	—	—	—	—	—	—	
7 <sup>th</sup>	Cambridge	29.68½	+ 06	—	—	—	—	—	—	—	—	—	—	—	—	
8 <sup>th</sup>	Wick	—	+ 06	—	—	—	—	—	—	—	—	—	—	—	—	
9 <sup>th</sup>	Shields	—	+ 07	—	—	—	—	—	—	—	—	—	—	—	—	
10 <sup>th</sup>	Nottingham	—	+ 13	—	—	—	—	—	—	—	—	—	—	—	—	
11 <sup>th</sup>	Thurso	29.51	—	—	—	—	—	—	—	—	—	—	—	—	—	
12 <sup>th</sup>	Holyhead	—	—	—	—	—	—	—	WSW	—	—	—	—	—	—	
13 <sup>th</sup>	Valencia	—	—	—	—	—	56	—	—	—	—	—	—	—	—	
14 <sup>th</sup>	Hurst Castle	—	—	—	—	—	61	—	—	—	—	—	—	—	—	
15 <sup>th</sup>	Holyhead	—	—	49	45	—	—	—	—	—	—	—	—	—	—	
16 <sup>th</sup>	Leith	—	—	—	—	—	—	—	—	—	—	SW	—	—	—	
17 <sup>th</sup>	Holyhead	—	—	—	—	—	52	—	—	—	—	—	—	—	—	
18 <sup>th</sup>	Phymouth	—	—	44	44	— 7	—	44	—	—	—	—	—	—	—	
19 <sup>th</sup>	Lumburgh H <sup>o</sup>	30.06½	—	—	—	—	—	—	—	—	—	—	—	—	—	
20 <sup>th</sup>	Phymouth	—	—	—	—	— 5	—	37	—	—	—	—	—	—	—	
21 <sup>st</sup>	Scilly	—	—	—	—	—	—	—	—	—	—	S	—	—	—	
22 <sup>nd</sup>	Nottingham	—	—	—	25	—	—	24	—	—	—	—	—	—	—	
23 <sup>rd</sup>	Valencia	—	—	—	—	—	—	—	—	—	—	—	6	—	—	
24 <sup>th</sup>	Lumburgh H <sup>o</sup>	—	—	41	40	—	—	—	—	—	—	—	—	—	—	
25 <sup>th</sup>	Wick	—	—	—	—	—	—	—	—	—	—	—	—	—	6	
26 <sup>th</sup>	York	—	—	37	31	— 6	37	30	—	—	—	—	—	—	—	
27 <sup>th</sup>	Nottingham	29.93½	— 03	32	32	— 7	40	32	—	—	—	—	—	—	—	
28 <sup>th</sup>	Thurso	29.58	—	—	—	—	—	—	—	—	—	—	—	—	—	
29 <sup>th</sup>	Valencia	29.64	—	—	—	—	—	—	—	—	—	—	—	—	—	
30 <sup>th</sup>	Lumburgh H <sup>o</sup>	—	—	—	—	—	—	—	SSE	—	—	—	—	—	—	
31 <sup>st</sup>	York	—	—	—	—	— 3	37	—	—	—	—	—	—	—	—	
1 <sup>st</sup>	Nottingham	—	— 19	—	—	— 7	—	—	—	—	—	—	—	—	—	
2 <sup>nd</sup>	York	—	—	—	—	—	33	—	—	—	—	—	—	—	—	
3 <sup>rd</sup>	Valencia	—	—	—	47	—	—	—	—	—	—	—	—	—	5	
4 <sup>th</sup>	Pembroke	—	—	—	—	—	—	—	—	—	—	—	om	—	—	
5 <sup>th</sup>	Greenacastle	—	—	40	39	— 4	—	—	—	—	—	—	—	—	—	
6 <sup>th</sup>	Kingstown	—	—	—	—	—	—	—	WSW	1	7	NNW	—	—	—	