

2705  
METEOROLOGICAL OFFICE.

---

DAILY WEATHER REPORTS.

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1st JANUARY 30th JUNE.

1874.



Sun-day 8 a.m.

## WEATHER REPORT.

Feb: 1<sup>st</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distur- bance. 0 to 9
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
Haparanda ...	29.76	+45	6	5	-6	*	*	NN	2	2	NE	*	6	*	*
Hernösand ...	30.01	+39	22	20	-4	*	*	NN	2	0	Z	*	6	*	*
Stockholm ...	29.93	+41	20	19	-8	*	*	NNN	2	2	NN	*	6	*	*
Wisby ...	29.99	+33	30	30	-1	*	*	N	4	2	N	*	6	*	*
Christiansund...	30.03	+23	34	32	0	*	*	SSW	4	8	NN	*	6	*	1
Skudesnaes ...	30.25	+22	35	34	+2	*	*	N	2	6	NNN	*	6	*	3
Oxö (X'tiansand)	30.18	+16	35	31	+4	*	*	NNN	4	4	N	*	6	*	2
Skagen (The Skaw)	30.18	+23	37	?	+2	*	*	NNE	4	*	*	*	6	*	*
Fanö ...	30.21	+15	36	35	-3	*	*	N	4	*	*	*	6	*	*
Cuxhaven ...	30.21	+07	41	39	-1	?	39	N	5	6	NNN	5	mo	0.05	?
Sumburgh Head															
Stornoway (Hebrides)	30.28	-02	41	40	-3	46	39	SW	1	3	N	5	fo	0.05	2
Thurso...	30.24	+07	42	40	-3	47	41	SSW	1	5	NNN	8	o	0.11	2
Wick ...	30.28	+07	42	42	-2	46	38	SW	2	5	NN	10	o	-	0
Nairn ...															
Aberdeen ...	30.36	+10	33	32	-12	49	34	NNN	1	5	NN	1	eb	-	2
Leith ...	30.42	+03	44	44	-1	49	40	N	2	3	N	7	o	-	*
Shields...	30.45	+05	39	38	-4	47	38	NNN	2	6	NN	4	ow	-	2
York ...	30.49	+03	35	35	-7	50	35	NN	1	2	N	2	eb	-	*
Scarborough ...	30.47	+07	43	41	0	49	40	NNN	1	3	N	9	co	-	2
Nottingham ...	?		43	41	+3	51	39	NNN	1	3	NNN	8	em	-	*
Ardrossan ...	30.45	-02	46	44	-1	48	43	N	3	3	N	8	co	-	2
Greencastle ...	30.48	-06	44	42	-1	47	43	WSW	2	4	NNN	10	g	0.01	*
Donaghadee ...	30.52	-02	42	41	-3	47	42	WSW	3	5	N	8	e	-	2
Kingstown ...	30.55	-06	44	41	-1	47	42	WSW	1	3	NNN	7	of	-	1
Holyhead ...	30.49	-05	45	42	-1	47	44	NNN	1	2	NNN	7	g	-	1
Liverpool (Bidston Obs.)	30.52	+01	44	42	-1	46	43	NNN	2	4	N	10	o	-	1
Valencia ...	30.51	-17	45	43	+1	49	42	SSE	3	3	ESE	8	eg	-	3
Roche's Point...	30.55	-10	43	42	+3	45	36	SSE	3	3	SSE	10	o	-	2
Pembroke ...	30.55	-05	44	43	-1	47	43	Z	0	1	NNN	9	ov	-	0
Portishead ...	30.54	-02	43	42	+1	48	39	NNN	1	2	NN	10	o	-	1
Scilly ...	30.52	-08	46	44	0	48	44	ESE	4	4	ESE	9	o	-	4
Plymouth ...	30.54	-05	43	42	+4	48	38	NE	1	3	NNE	10	of	-	*
Portsmouth ...	30.53	-03	44	43	+6	47	36	NNN	1	3	NNN	8	bo	-	1
Dover ...	30.49	-02	43	42	+5	48	36	NNN	3	3	NN	6	og	-	2
London ...	30.51	-02	41	40	+6	50	34	Z	0	2	N	10	bo	-	*
Oxford...	30.52	-02	44	41	+10	48	34	NN	1	4	N	10	o	-	*
Cambridge ...	30.49	-03	42	40	+8	56	33	NN	1	2	NN	10	bo	-	*
Yarmouth ...	30.48	+03	41	41	+6	47	34	NN	2	3	NNN	10	mf	2	2
Helder ...				*		*	*			*	*	*	*	*	*
Cape Gris Nez...	30.46	-03	44	42	+4	48	40	N	4	3	NNN	9	fo	-	3
Brest ...	30.54	-04	39	37	-8	52	37	?	3	4	ENE	0	6	-	2
L'Orient ...	?		39	39	0	51	34	E	4	4	NE	1	6	-	2
Rochefort ...	30.47	-01	36	34	-1	49	32	NE	4	5	NE	0	6	-	3
Biarritz ...	30.28	-08	34	32	-3	45	31	E	1	3	E	0	of	-	3
Corunna ...				*		*	*			*	*	*	*	*	*
Brussels ...	30.39	-08	45	*	+8	*	*	NN	3	*	*	*	nb	*	*
Charleville ...	30.42	-11	41	*	+10	*	*	SW	3	*	*	*	o	*	*
Paris ...	30.47	-05	40	?	+5	44	30	?	1	?	?	10	mo	-	*
Lyons ...	?		41	*	-1	*	*	N	9	*	*	*	o	*	*
Toulon...	30.14	+16	46	39	+3	52	41	NN	3	3	E	2	o	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.
Skudesnaes ...	29.94	35	32	NNN	6	*	o	Valencia ...	30.64	47	45	SE	2	6
Thurso ...	30.20	46	45	NNN	5	4	o	Scilly ...	30.60	48	45	ENE	2	8
Scarborough ...	30.38	47	45	NN	2	6	o	London ...	30.50	47	45	NNN	2	9
Greencastle ...	30.52	46	45	NNN	4	8	d	Rochefort ...	30.47	48	43	N	4	5
Holyhead ...	30.54	46	44	NNN	2	7	o							

Pressure has decreased slowly both at the Irish Stations and in the E. of England, and the wind has veered to SE. Valencia. The sky has become very cloudy except at Rochefort.

## EXPLANATION OF COLUMNS.

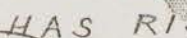
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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



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



Barometrical pressure has decreased somewhat during the past 24 hours at all the eastern and north-eastern stations, and the area of highest readings is travelling E<sup>th</sup>, while it is becoming less clearly marked than of late. The gradient from Scarborough to Oso is only 0.06 in. per 50 miles.



Temperature has risen at the south eastern stations as well as in the regions about the Stager Kark, but has fallen in Scotland.



The wind is light everywhere, and circulates round the region of highest pressure — being E<sup>ly</sup> in the west of France, SE<sup>ly</sup> on our south west coasts, W<sup>ly</sup> in Scotland, and N<sup>ly</sup> on the eastern shore of the North Sea. The sea continues high at Christiansund, but is smooth round our coasts.



A little rain has fallen in the north.  
The sky is very cloudy except at the continental stations.

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ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd London W.C.



Mon- day 8 a.m.

# WEATHER REPORT.

Feb: 2<sup>nd</sup>

1874.

STATIONS.	BAROMETER		THERMOMETERS (In shade)					WIND.				Amount of Cloud 6 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Discol- oured 0 to 3.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
Haparanda ...	29.56	-20	29	29	+20	*	*	SW	8	2	SW	*	bo	*	*
Hernösand ...	29.91	-10	32	31	+10	*	*	SW	4	2	SW	*	ob	*	*
Stockholm ...	30.09	+16	30	26	+10	*	*	SSW	2	0	Z	*	bo	*	*
Wisby ...	30.29	+30	27	26	-3	*	*	SW	2	2	N	*	bo	*	*
Christiansund ...	29.81	-22	43	41	+9	*	*	NSW	8	8	SSW	*	N	*	1
Skudesnaes ...	30.15	-10	42	41	+7	*	*	NSW	4	4	NNE	*	on	*	3
Oxö (Xtansand) ...	30.12	-06	39	37	+4	*	*	NSW	4	4	N	*	b	*	2
Skagen (The Skaw) ...	30.10	-08	39	38	+2	*	*	N	4	*	*	*	b	*	*
Fanö ...	30.25	+04	41	40	+5	*	*	NSW	2	*	*	*	o	*	*
Cuxhaven ...	30.38 f	+12	40	40	-1	?	35	NN	3	4	NSW	9	bo	0.02	?
Sumburgh Head															
Stornoway (Re-bridges) ...	30.01 f	-27	46	45	+5	46	40	SW	3	3	SW	8	po	0.10	3
Thurso ...	30.01 f	-23	45	43	+2	50	41	SSW	2	3	SW	7	cw	-	2
Wick ...	30.05 f	-22	43	42	+1	47	41	S	2	2	SW	8	o	-	1
Nairn ...	30.12 f		45	43		48	42	NSW	3	3	N	9	bo	-	2
Aberdeen ...	30.17 f	-19	39	38	+5	44	34	SW	1	1	NNN	3	bo	-	1
Leith ...	30.23 f	-19	43	42	-1	48	40	N	3	3	N	6	e	-	*
Shields ...	30.32 f	-13	43	41	+4	45	38	SSW	1	3	NNN	8	ag	-	1
York ...	30.38 f	-11	43	41	+2	46	35	SW	1	1	N	9	o	-	*
Scarborough ...	30.35 f	-12	41	40	-2	46	40	N	1	2	NNN	9	go	-	1
Nottingham ...	30.42 f	-19	43	41	0	48	43	SW	1	2	NNN	10	cw	-	*
Ardrossan ...	30.26 f	-19	45	44	-1	46	43	N	3	4	N	8	o	0.01	3
Greencastle ...	30.18 f	-30	44	43	0	44	42	N	3	4	NSW	10	g	0.01	*
Donaghadee ...	30.29 f	-23	43	42	+1	44	40	SSW	3	4	SSW	8	e	-	2
Kingstown ...	30.36 f	-19	46	43	+2	47	42	SW	3	1	NSW	10	g	-	2
Holyhead ...	30.35 f	-14	46	44	+1	47	44	SW	2	1	NNN	7	dm	0.02	1
Liverpool (Bidston Obs.) ...	30.39 f	-13	42	41	-2	46	42	SSW	2	3	NNN	9	o	-	1
Valencia ...	30.33 f	-18	48	46	+3	48	44	SSW	3	3	SSE	7	e	0.01	3
Roche's Point ...	30.36 f	-19	47	45	+4	47	43	SSW	3	4	SSW	8	mo	0.02	0
Pembroke ...	30.42 f	-13	45	44	+1	50	44	SSW	2	1	NSW	10	on	0.03	2
Portishead ...	30.43 f	-11	42	41	-1	47	40	N	1	1	N	10	go	-	1
Scilly ...	30.40 f	-12	47	45	+2	47	43	S	3	4	ESE	9	o	-	3
Plymouth ...	30.43 f	-11	44	43	+1	47	41	E	1	1	E	10	m	-	*
Portsmouth ...															
Dover ...	30.44 f	-05	42	38	-1	47	41	NN	3	3	NNN	10	g	-	2
London ...	30.44 f	-07	41	39	0	50	36	N	1	1	N	10	fgo	-	*
Oxford ...	30.45	-07	42	39	-2	45	41	S	1	1	NN	10	on	-	*
Cambridge ...	30.43 f	-06	41	39	-1	45	40	NSW	1	1	NN	10	o	-	*
Yarmouth ...	30.42 f	-06	41	40	0	46	40	NSW	1	2	NN	10	cf	-	2
Helder ...	30.37		42	*		*	*	N	2	*	*	*	*	*	2
Cape Gris Nez ...	30.42 f	-04	43	39	-1	47	41	N	1	3	N	10	bo	-	1
Brest ...	30.45 f	-09	39	39	0	51	37	ENE	3	3	E	3	b	-	2
L'Orient ...	?		40	38	+1	51	37	E	1	4	E	0	ob	-	1
Roche fort ...	30.40 f	-07	37	35	+1	51	32	ENE	5	4	ENE	0	b	-	3
Biarritz ...	30.33 f	+05	37	37	+3	46	32	?	3	3	NE	3	f	-	3
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	30.46	+07	45	*	0	*	*	NN	3	*	*	*	e	*	*
Charleville ...	? 30.50	+08	39	*	-2	*	*	NE	3	*	*	*	o	*	*
Paris ...	30.44 f	-03	42	?	+2	48	40	N	3	5	N	10	o	-	*
Lyons ...	?		41	*	0	*	*	?N	3	*	*	*	b	*	*
Toulon ...	30.09 n	-05	44	40	-2	50	41	SE	1	1	SE	2	b	-	2

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

	Bar	Dry.	Wet.	Wind.	C.	Wea.	Sea		Bar	Dry.	Wet.	Wind.	C.	Wea.
Skudesnaes ...	30.23	39	38	Z	0	*	4	Valencia ...						
Thurso ...								Scilly ...						
Scarborough ...							*	London ...						
Greencastle ...								Roche fort ...	30.48	48	43	ENE	4	0
Holyhead ...														

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the 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. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind taken at 8 p.m.  
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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 opposite direction.



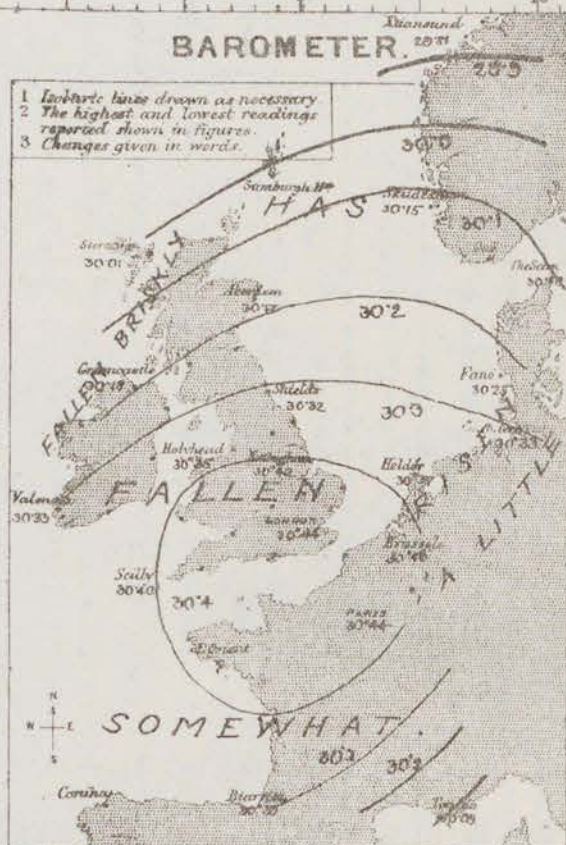
# WEATHER CHARTS

## AND REMARKS FOR

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

#### BAROMETER.

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



The region of high pressure which was advancing over the south-west of our Islands yesterday has continued to move E<sup>W</sup>, and now lies over the south of England, the Channel and north of France; so that while the barometer has fallen briskly at the western and northern stations it has risen somewhat over Holland. The gradient from Holyhead to Stornoway is 0.06 in. per 30 miles.

#### TEMPERATURE.

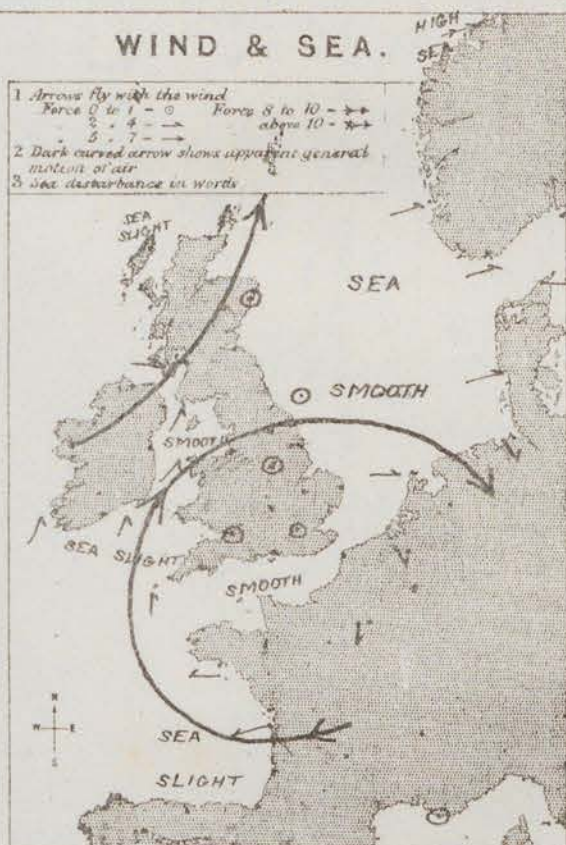
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



The increase of temperature has extended to the eastern shore of the North Sea, but very little change has occurred elsewhere.

#### 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 E<sup>W</sup> wind in France continues, while on our western coasts the wind has shifted to S, and to SW at all our northern stations. In Norway and Denmark the wind is W<sup>W</sup>. The sea is smooth or slight on all our own and the French coasts.

#### 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 and north-west. The sky is very cloudy except in France, with fog in the south-east and south of England.

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

Vincent Brooks Day & Son Lith. London W.C.



Tues-day 8 a.m.

# WEATHER REPORT.

Feb: 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 Distur- ance 0 to 5
	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 ...	29.57	+ .01	26	25	-3	*	*	SW	2	4	SW	*	0	*	*
Hernösand ...						*	*					*		*	*
Stockholm ...	29.81	- .26	34	?	+4	*	*	NW	6	4	S	*	ob	*	*
Wisby ...	29.93	- .36	37	37	+10	*	*	N	2	2	SW	*	ob	*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...	30.27	+ .12	37	33	-5	*	*	WSW	6	6	N	*	ne	*	6
Oxö (Xtiansand) ...	30.10	- .02	40	35	+1	*	*	NNW	4	4	WSW	*	b	*	2
Skagen (The Skaw) ...	34.01	- .09	42	40	+3	*	*	N	6	*	*	*	b	*	*
Fanö ...	30.12	- .13	42	41	+1	*	*	N	4	*	*	*	o	*	*
Cuxhaven ...	30.19f	- .14	42	42	+2	?	38	N	3	4	NNW	9	omv	0.03	?
Sumburgh Head ...															
Stornoway (Hebrides) ...	30.37n	+ .36	31	30	-15	48	30	N	1	3	SW	2	b	0.12	0
Thurso ...	30.36n	+ .35	34	33	-11	50	32	S	1	4	NN	7	omv	0.02	2
Wick ...	30.45n	+ .39	33	32	-10	40	29	Z	0	3	NN	5	c	-	0
Nairn ...	30.42n	+ .30	35	34	-10	50	34	SW	1	3	WSW	8	no	0.14	2
Aberdeen ...	30.44n	+ .27	38	37	-1	47	38	NNN	1	3	SSW	1	omv	0.03	1
Leith ...	30.42n	+ .19	40	40	-3	49	39	SE	2	3	N	5	c	0.12	*
Shields ...	30.40n	+ .08	44	43	+1	47	42	NNE	2	3	N	9	omv	0.05	2
York ...	30.38n	.00	42	42	0	48	42	NN	1	1	N	9	omv	-	*
Scarborough ...	30.38n	+ .03	44	44	+3	45	41	NNN	2	2	ENE	10	ed	-	2
Nottingham ...	?		41	40	-2	47	40	N	1	3	SW	10	gm	-	*
Ardrossan ...	30.39n	+ .13	44	42	-1	48	44	ENE	3	3	SW	10	ed	0.02	2
Greencastle ...	30.36n	+ .17	45	44	+1	46	44	NNN	1	3	N	10	g	0.14	*
Donaghadee ...	30.39n	+ .10	42	41	-1	46	40	SSW	2	3	SSW	6	oc	-	1
Kingstown ...	30.39n	+ .03	44	43	-2	50	43	Z	0	3	SW	4	of	-	1
Holyhead ...	30.35n	.00	46	45	0	49	45	Z	0	2	N	6	cmg	-	0
Liverpool (Bidston Obs.) ...	30.39n	.00	44	43	+2	47	42	WSW	1	3	WSW	9	o	-	1
Valencia ...	30.38n	+ .05	45	43	-3	52	42	SSE	3	3	SW	4	fo	0.03	4
Roche's Point ...	30.39n	+ .03	45	45	-2	51	44	N	2	3	SSW	10	cm	-	2
Pembroke ...	30.41n	- .01	48	47	+3	48	45	WSW	1	1	WSW	10	omv	0.01	2
Portishead ...	30.41n	- .02	43	42	+1	45	39	Z	0	2	WSW	10	omv	-	0
Scilly ...	30.38s	- .02	45	44	-2	49	44	SSW	1	4	SSW	6	oc	-	1
Plymouth ...	30.41s	- .02	44	43	0	46	42	Z	0	2	E	10	of	-	*
Portsmouth ...															
Dover ...	30.38f	- .06	43	42	+1	44	40	NN	3	3	N	10	g	-	2
London ...	30.40s	- .04	40	39	-1	45	37	WSW	2	2	N	10	o	-	*
Oxford ...	30.40	- .05	40	39	-2	44	38	WSW	1	1	SW	10	?gom	-	*
Cambridge ...	30.39n	- .04	40	40	-1	45	38	WSW	1	1	WSW	10	o	-	2
Yarmouth ...	30.45f	+ .03	40	40	-1	43	39	N	2	2	N	10	mf	-	2
Helder ...	30.28	- .09	43	*	+1	*	*	N	2	*	*	*	*	*	1
Cape Gris Nez ...	30.38n	- .04	43	41	0	45	41	NN	1	3	N	10	fo	-	2
Brest ...	30.46n	+ .01	44	44	+5	50	37	SSW	3	4	SSE	10	f	-	2
L'Orient ...	?		42	40	+2	52	38	E	4	4	NE	10	o	-	3
Rochefort ...	30.38n	- .02	38	34	+1	53	30	ENE	5	5	ENE	0	b	-	3
Biarritz ...	30.30n	- .03	46	44	+9	46	37	SW	4	3	N	3	ov	-	3
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	30.32	- .14	48	*	+3	*	*	N	3	*	*	*	o	*	*
Charleville ...	? 30.42	- .08	38	*	-1	*	*	NNN	3	*	*	*	o	*	*
Paris ...	30.40n	- .04	41	?	-1	44	41	N	4	4	N	10	o	-	*
Lyons ...	?		36	*	-5	*	*	N	3	*	*	*	b	*	*
Toulon ...	30.08n	- .01	43	41	-1	55	41	E	4	4	SE	9	bo	-	4

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

Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.
Skudesnaes ...	30.06	43	42	SW	4	*	Valencia ...	30.32	49	48	N	3	7
Thurso ...	29.96	49	46	SSW	2	8	Scilly ...	30.40	48	46	SSW	4	8
Scarborough ...	30.30	44	43	WSW	2	4	London ...	30.41	45	44	NNN	1	10
Greencastle ...	30.23	46	45	WSW	3	10	Rochefort ...	30.38	50	45	ENE	5	0
Holyhead ...	30.32	48	46	SW	2	4							

Pressure has begun to increase slightly at Greencastle but has continued to decrease at the E. stations. The sea has been to N. at Valencia, with showery weather and the sea is smooth generally.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the 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. light; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind.

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

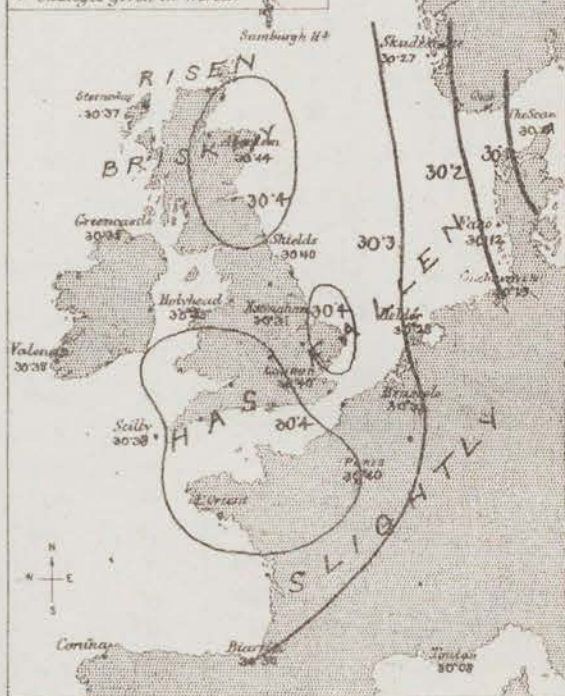
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS AND REMARKS FOR TUESDAY 3<sup>RD</sup> FEBRUARY 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 risen at the northern and western stations (most in Scotland), but has fallen slightly in France and at the south-eastern stations. Readings are now very uniform over western Europe, and the increase of pressure in the north appears to have been extending southwards during the night.

## TEMPERATURE.

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



Temperature has decreased very quickly in Scotland, but changed very irregularly elsewhere.

## WIND & SEA.

- 1 Arrows fly with the wind  
Force 0 to 1 - ○  
2, 4 - →  
6, 7 - →→  
Force 8 to 10 - →→→  
Force above 10 - →→→→
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



The winds are light and extremely variable over our Islands, but are chiefly moderate from the W. on the eastern shores of the North Sea. The sea is generally smooth.

## 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 north and west. The sky is densely overcast except in the north and north-west.

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— by post 3/4 per quarter.

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

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Sea Ltd. London W.C.



Wednesday - day 8 a.m.

# WEATHER REPORT.

Feb: 4<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distur- ance 0 to 1
	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 ...	30.04	+51	1	0	-25	*	*	NN	2	2	NN	*	b	*	*
Hernösand ...	30.19		26	24		*	*	NN	6	6	NNN	*	b	*	*
Stockholm ...	30.15	+34	27	23	-7	*	*	NN	4	6	NN	*	b	*	*
Wishby ...	30.21	+28	33	32	-4	*	*	N	8	6	NN	*	b	*	*
Christiansund ...	30.55		40	37		*	*	SEW	8	9	NNN	*	n	*	*
Skudesnaes ...	30.44	+17	39	38	+2	*	*	SEW	2	4	NNN	*	co	*	*
Oxö (X'iansand)	30.43	+33	38	36	-2	*	*	NN	2	4	NN	*	c	*	*
Skagen (The Skaw)	30.34	+33	41	38	-1	*	*	NN	4	*	*	*	b	*	*
Fanö ...	30.49	+37	35	?	-7	*	*	NN	4	*	*	*	b	*	*
Cuxhaven ...	30.52	+34	39	38	-3	?	26	NNN	3	2	NNE	2	b	-	?
Sumburgh Head															
Stornoway (Hebrides)	30.39	+02	44	43	+13	46	28	WSW	2	4	SW	1	b	-	2
Thurso ...	30.36	00	39	38	+5	47	32	S	1	2	S	3	cm	-	1
Wick ...	30.41	-04	40	39	+7	43	31	SW	1	1	SW	3	b	-	0
Nairn ...	30.47	+05	40	38	+5	45	34	N	1	1	SW	1	b	-	1
Aberdeen ...	30.49	+05	38	37	0	42	33	SW	1	1	SW	0	bm	-	*
Leith ...	30.59	+17	43	41	+3	50	31	N	2	2	E	10	bo	-	*
Shields ...	30.61	+21	32	31	-12	46	31	SW	1	2	NE	?	f	-	2
York ...	30.65	+27	33	32	-10	47	25	S	1	1	NNE	10	cf	-	*
Scarborough ...	30.62	+24	28	28	-16	45	28	WSW	2	3	NE	8	cf	-	2
Nottingham ...	30.67		29	29	-12	57	29	N	1	3	N	10	cf	-	*
Ardrossan ...	30.59	+20	43	42	-1	44	43	S	3	3	ESE	8	on g	0.01	3
Greencastle ...	30.55	+20	44	43	-1	47	32	SW	3	3	SW	10	qf	0.01	*
Donaghadee ...	30.55	+16	44	43	+2	48	40	S	3	3	S	10	o	-	2
Kingstown ...	30.58	+19	45	44	+1	48	43	ESE	3	1	SE	5	gm	-	2
Holyhead ...	30.53	+18	42	41	-4	50	40	WSW	1	1	ESE	4	wm	0.03	0
Liverpool (Bidston Obs.)	30.63	+24	33	32	-11	48	33	SE	3	3	SE	10	of	-	1
Valencia ...	30.49	+11	47	44	+2	51	43	SSE	3	3	SSE	6	c	-	3
Roche's Point ...	30.53	+14	47	46	+2	50	43	SE	4	4	SE	8	fo	-	2
Pembroke ...	30.58	+17	40	39	-8	50	40	ESE	4	3	ESE	4	fo	-	2
Portishead ...	30.64	+23	37	36	-6	47	35	ESE	3	3	ESE	10	mo	-	4
Scilly ...	30.50	+12	47	46	+2	52	44	ESE	5	5	ESE	6	c	0.06	*
Plymouth ...	30.55	+14	43	42	-1	49	40	E	2	3	E	10	mo	-	*
Portsmouth ...															
Dover ...	30.59	+21	42	39	-1	47	38	NNE	3	3	NNE	6	gc	-	2
London ...	30.63	+23	37	35	-3	47	35	NE	1	2	WSW	8	gof	-	0
Oxford ...	30.64	+24	32	30	-8	48	31	NE	1	1	NE	0	ob	-	1
Cambridge ...	30.65	+26	32	32	-8	46	32	N	1	1	N	3	dc	0.01	*
Yarmouth ...	30.64	+19	39	38	-1	45	37	NE	2	3	NE	4	fo	-	*
Helder ...	30.58	+30	39	*	-4	*	*	NNE	2	*	*	*	*	*	*
Cape Gris Nez ...	30.55	+17	39	37	-4	46	37	NNE	4	3	NNE	3	co	-	*
Brest ...	30.49	+03	44	44	0	51	39	ESE	3	4	NE	10	fo	-	*
L'Orient ...	?		40	40	-2	51	37	E	4	4	E	9	o	-	*
Rochefort ...	30.47	+09	36	34	-2	50	32	ESE	5	5	ESE	10	bo	-	*
Biarritz ...	30.36	+06	41	37	-5	47	37	E	3	4	NN	3	mf	-	*
Corunna ...			*	*		*	*			*	*	*	*	*	*
Brussels ...	30.60	+28	39	*	-9	*	*	NNE	3	*	*	*	o	*	*
Charleville ...			*	*		*	*			*	*	*	*	*	*
Paris ...	30.52	+12	42	?	+1	44	41	NE	4	3	NNN	9	o	-	*
Lyons ...	?		43	*	+7	*	*	N	1	*	*	*	?	*	*
Toulon ...	30.24	+16	41	43	-2	46	41	E	4	5	E	9	on	0.08	*

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	
Skudesnaes ...	30.39	33	33	NNN	6	*	0	2	Valencia ...	30.43	50	48	SSW	2	3
Thurso ...	30.41	45	40	S	1	2	7	2	Scilly ...	30.45	51	48	L	0	?
Scarborough...	30.43	43	42	NE	3	1	7	3	London ...	30.43	46	44	NW	1	10
Greencastle ...	30.45	47	47	L	0	9	0	*	Rochefort ...	30.43	47	42	ESE	5	0
Holyhead ...	30.45	48	47	ESE	1	4	0	0							

The barometer continues to rise at all stations and readings are remarkably uniform over W. Europe.

## 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 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. m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. taken at 8 p.m.

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



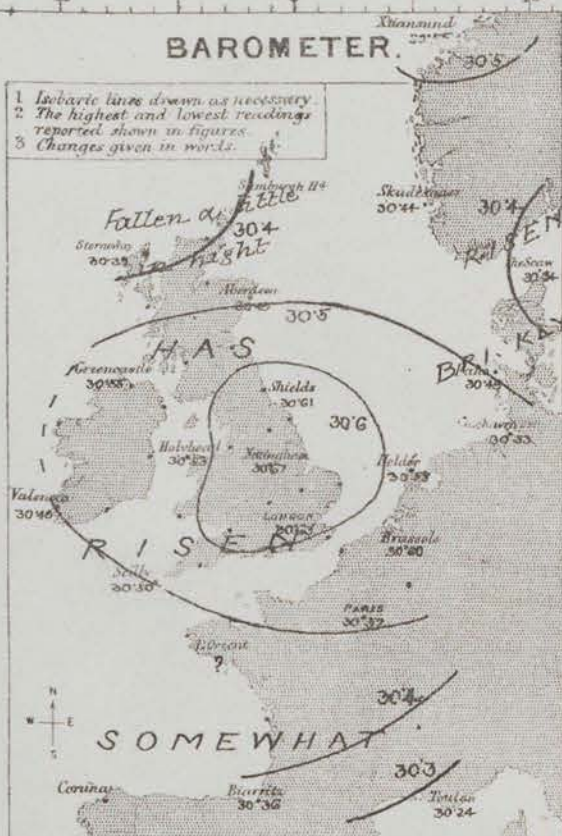
# WEATHER CHARTS

## AND REMARKS FOR

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

#### BAROMETER.

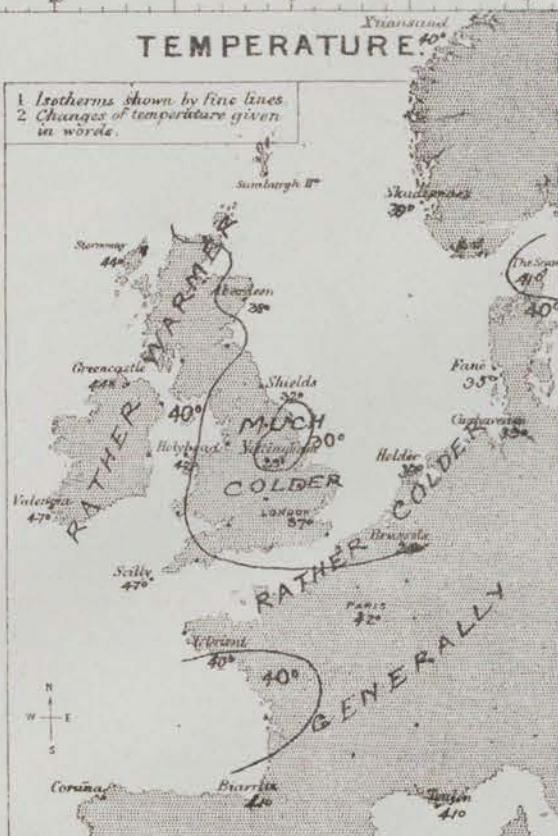
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



A further rise of the barometer has taken place at all but our most northern stations, the change having been greatest on the eastern shores of the North Sea. A well-defined anti-cyclone now lies over England, and the highest readings reported are considerably above 30.6 in.

#### TEMPERATURE.

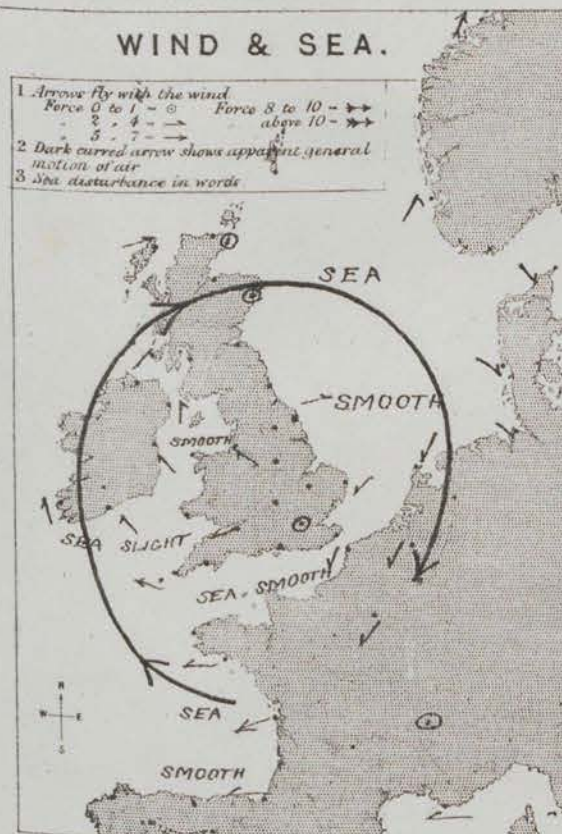
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen at all the western and Scotch stations, fallen elsewhere. At Stormy it has risen 13 degrees since yesterday, and the 8 am temperature at Breancliffe is 12° warmer than the minimum. A very sharp frost occurred in the north of England during the night.

#### WIND & SEA.

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



Light to moderate breezes circulate round the region of highest pressure, so that NE winds are felt at the south-eastern stations, E in France, SE to S in the west of our Islands, and WSW in Scotland. Over central England calms prevail. The sea is moderate at Scilly, 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 few showers have fallen in the west. The sky is still very cloudy except in the north of Scotland, with much fog in the north of England, the difference of temperature between Lick and Shields being 11°.

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

Vincent Brooks Day & Son Ltd. London W.C.



Thurs - day 8 a.m.

## WEATHER REPORT.

Feb. 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.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...						*	*					*		*	*
Oxö (X'tiansand)						*	*					*		*	*
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö ...						*	*			*	*	*		*	*
Cuxhaven ...	30.49 f	-.04	39	39	0	?	36	nnw	4	4	?	3	cb	-	?
Sumburgh Head															
Stornoway (Hebrides)	30.29 f	-.10	47	46	+3	47	41	sw	4	5	sw	10	cd	0.01	5
Thurso ...	30.22 f	-.14	45	43	+6	53	37	nsn	3	3	nn	7	bc	-	2
Wick ...	30.27 f	-.14	45	43	+5	47	38	w	2	2	w	6	c	-	0
Nairn ...	30.31 f	-.16	44	41	+4	49	40	w	1	1	w	5	bc	-	1
Aberdeen ...	30.38 f	-.11	38	37	0	49	36	sw	1	1	sw	0	bm	-	1
Leith ...	30.50 f	-.09	37	35	-6	49	33	nn	2	2	w	5	c	-	*
Shields ...	30.55 f	-.06	31	30	-1	41	30	sw	2	2	sw	8	f	-	1
York ...	30.60 f	-.05	29	29	-4	33	26	z	0	1	sse	10	f	-	*
Scarborough ...	30.56 f	-.06	27	27	-1	33	27	nsn	2	3	nsn	5	f	-	2
Nottingham ...	30.62 f	-.05	28	28	-1	38	26	ssw	1	2	w	10	cf	-	*
Ardrossan ...	30.52 f	-.07	42	41	0	46	39	ssw	3	3	s	5	cc	-	2
Greencastle ...	30.51 f	-.04	41	40	-3	47	40	nsn	4	4	nsn	4	c	-	*
Donaghadee ...	30.52 f	-.03	37	37	-7	46	32	w	3	4	sse	4	cc	-	2
Kingstown ...	30.56 f	-.02	41	39	-4	48	40	s	3	3	sse	3	fb	-	2
Holyhead ...	30.55 f	+ .02	40	39	-2	45	37	sw	1	1	nsn	10	om	-	0
Liverpool (Bidston Obs.)	30.57 f	-.06	28	27	-5	40	28	se	2	3	ese	10	cf	-	1
Valencia ...	30.47 f	-.02	46	43	-1	51	44	sse	4	4	sse	7	c	-	3
Roche's Point ...	30.49 f	-.04	44	43	-3	49	43	sse	5	5	sse	5	opc	0.05	4
Pembroke ...	30.55 f	-.03	42	40	+2	48	38	se	3	4	ese	10	m	-	2
Portishead ...	30.60 f	-.04	37	35	0	43	32	e	1	3	ne	10	bm	-	1
Scilly ...	30.50 f	.00	45	43	-2	52	44	ese	5	6	ese	6	cc	0.01	4
Plymouth ...	30.54 f	-.01	39	38	-4	46	37	ne	1	4	e	1	bm	-	*
Portsmouth ...															
Dover ...	30.62 f	+ .03	34	33	-6	44	33	ene	3	3	ene	5	bc	-	2
London ...	30.63 f	.00	32	31	-5	45	30	z	0	2	ene	10	ccf	-	*
Oxford ...	30.64	.00	33	32	+1	41	28	z	0	1	ene	10	om	-	*
Cambridge ...	30.65 f	.00	29	29	-3	42	26	sw	1	1	ne	10	bf	-	*
Yarmouth ...	30.62 f	-.02	29	29	-10	43	28	nsn	1	1	ne	10	bf	-	3
Helder ...	30.56	-.02	38	*	-1	*	*	w	3	*	*	*	*	*	2
Cape Gris Nez ...	30.59 f	+ .04	31	27	-8	42	31	e	1	3	ene	0	b	-	1
Brest ...	30.51 f	+ .02	38	38	-6	52	37	ese	3	4	ene	6	cf	-	3
L'Orient ...	?		35	35	-5	57	36	e	5	5	e	7	bo	-	2
Rochefort ...	30.45 m	.02	34	32	-2	50	31	e	5	5	ene	10	bo	-	3
Biarritz ...	30.36 f	.00	30	30	-11	44	30	se	5	4	ne	2	cf	-	3
Corunna ...				*		*	*			*	*	*		*	*
Brussels ...	30.60	.00	30	*	-9	*	*	ene	3	*	*	*	f	*	*
Charleville ...	? 30.67		22	*		*	*	e	6	*	*	*	f	*	*
Paris ...	30.59 m	+ .07	32	?	-10	42	31	?	3	5	? ne	0	m	-	*
Lyons ...	?		46	*	+2	*	*	n	1	*	*	*	b	-	*
Toulon ...	30.39 m	+ .15	41	39	0	45	40	nn	7	3	e	2	b	0.16	3

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

	Bar.	Dry.	Wet.	Wind.	O.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Woa.	
Skudesnaes ...	30.36	43	43	W	6	*	0	4	Valencia ...	30.51	50	45	SSE	4	0
Thurso ...	30.36	51	46	WSW	2	1	0	1	Scilly ...	30.53	48	47	ESE	5	9
Scarborough...	30.62	32	32	WSW	3	8	f	2	London ...	30.64	44	41	ENE	2	8
Greencastle ...	30.53	47	46	WSW	1	1	0	*	Rochefort ...	30.43	50	43	ENE	4	0
Holyhead ...	30.59	45	44	WSW	1	5	m	0							

No important change.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strong 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. light 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.

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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



# WEATHER CHARTS

## AND REMARKS FOR

### THURSDAY 5<sup>TH</sup> FEBRUARY 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 fallen slowly, in our Islands - most in the north, but over France a slight rise has occurred. The anti-cyclone mentioned yesterday is still found over central England, but extends less far N<sup>W</sup> than it did then. The lowest readings are in the north of Scotland, the gradient from Leith to Thurso being 0.04 in per 50 miles.

#### TEMPERATURE.

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



Temperature has risen in Scotland but fallen generally elsewhere, several degrees in the south-east. There was a sharp frost in the north and east of England during the night. The weather in Russia has become very cold.

#### WIND & SEA.

- 1 Arrows R<sup>y</sup> with the wind
- Force 0 to 1 - Force 8 to 10 -
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



The wind still circulates round the region of high pressure, being rather fresh from E in the west of France, and drawing round through SE in the south-west of our Islands to S in the west. The W<sup>W</sup> wind in the north has increased a little and backed to SW at Stornoway and Andromeda. Calms are again prevalent over central England. The sea is moderate in the south-west, 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.



Brilliant aurora was seen in Scotland and at some of our western stations last night. The sky is moderately clear in Scotland and Ireland, but much fog is reported from the other districts.

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

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.



Fri-day 8 a.m.

## WEATHER REPORT.

Febr: 6<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...						*	*					*		*	*
Hernösand ...	30.05	+ .64	22	21	-17	*	*	N	8	10	NN	*	bw	*	*
Stockholm ...	30.05	- .22	22	18	-11	*	*	NN	4	6	NNN	*	b	*	*
Wisby ...	30.14	+ .12	30	28	-5	*	*	N	8	6	NN	*	ob	*	*
Christiansund ...	30.20	+ .62	34	32	-10	*	*	NNN	7	4	NNN	*	sf	*	5
Skudesnaes ...	30.22	+ .10	36	34	-7	*	*	N	7	6	NNN	*	c	*	7
Oxö (X'iansand)	30.24	+ .07	37	32	-7	*	*	NNN	2	6	NNN	*	sc	*	2
Skagen (The Skaw)	30.23	?	40	35	-2	*	*	NE	4	*	*	*	b	*	*
Fanö ...	30.31	- .03	39	38	-2	*	*	NN	4	*	*	*	c	*	*
Cuxhaven ...	30.35f	- .14	43	43	+4	?	37	NN	5	5	N	9	cm	-	?
Sumburgh Head															
Stornoway (Hebrides)	30.34f	+ .05	44	43	-3	?	41	SN	2	3	NNN	9	wc	0.34	2
Thurso ...	30.31f	+ .09	44	42	-1	51	43	NNN	2	5	N	8	co	?	2
Wick ...	30.32f	+ .05	43	42	-2	49	39	N	2	3	N	10	co	-	0
Nairn ...	30.36f	+ .05	43	40	-1	48	42	Z	0	1	SN	7	bc	?	1
Aberdeen ...	30.46w	+ .08	37	36	-1	50	37	NNN	1	1	SN	1	bm	-	1
Leith ...	30.42f	+ .07	36	36	-1	48	35	N	3	3	NN	3	b	-	*
Shields ...	30.45f	- .10	34	34	+3	41	30	NNN	2	4	N	10	bf	-	1
York ...	30.51f	- .09	24	24	-5	33	24	Z	0	1	SSE	10	f	-	0
Scarborough ...	30.44f	- .12	26	26	-1	33	24	NNN	1	3	NNN	1	fb	-	2
Nottingham ...	30.53f	- .09	23	23	-5	33	23	NNN	1	1	S	10	f	-	*
Ardrossan ...	30.44f	- .08	39	37	-4	46	38	ESE	1	4	NNN	8	mf	-	0
Greencastle ...	30.42f	- .09	37	36	-4	44	36	ESE	1	4	NNN	13	ob	-	*
Donaghadee ...	30.42f	- .10	39	38	+2	45	34	S	2	4	S	6	c	-	2
Kingstown ...	30.45f	- .11	37	34	-4	45	36	S	2	3	S	6	of	-	1
Holyhead ...	30.52f	- .03	33	32	-7	42	32	NNN	1	1	SN	4	mw	-	0
Liverpool (Bidston Obs.)	30.49f	- .08	34	23	-4	32	24	ESE	2	3	ESE	10	f	-	1
Valencia ...	30.34f	- .13	44	42	-2	50	41	SE	4	4	SSE	7	pc	0.09	4
Roche's Point ...	30.38f	- .11	45	43	+1	49	43	SSE	4	5	SSE	4	c	-	3
Pembroke ...	30.44f	- .11	39	38	-3	42	36	E	3	3	ESE	8	cm	-	2
Portishead ...	30.50f	- .10	30	30	-7	40	25	Z	0	3	E	10	mf	-	0
Scilly ...	30.41f	- .09	44	42	-1	47	42	SE	1	5	ESE	8	co	-	2
Plymouth ...	30.43f	- .11	41	41	+2	48	37	E	1	4	ESE	7	bf	-	*
Portsmouth ...															
Dover ...	30.50f	- .12	29	28	-5	39	26	ESE	2	3	ESE	0	of	-	1
London ...	30.51f	- .12	26	25	-9	39	26	NNN	1	1	ESE	10	f	-	*
Oxford ...	30.52	- .12	26	26	-7	35	25	Z	0	0	Z	10	f	-	*
Cambridge ...	30.52f	- .12	22	22	-7	35	22	Z	0	0	Z	10	f	-	*
Yarmouth ...	30.56f	- .06	23	23	-6	36	22	Z	0	1	N	10	mf	-	2
Helder ...	30.47	- .09	38	*	0	*	*	NNN	2	*	*	*	*	*	2
Cape Gris Nez ...	30.49f	- .10	36	32	+5	43	31	Z	0	1	E	0	b	-	1
Brest ...	30.42f	- .09	43	41	+5	49	35	E	3	5	NNN	10	o	-	2
L'Orient ...	?		35	35	0	46	31	E	3	5	E	0	b	-	2
Roche fort ...	30.45f	- .00	35	35	+1	56	02	E	3	5	E	0	b	-	3
Biarritz ...	30.36w	- .00	49	47	+19	53	30	SSE	4	5	SE	0	fb	-	2
Corunna ...				*		*	*				*	*	*	*	*
Brussels ...	30.52	- .03	37	*	+7	*	*	NN	3	*	*	*	f	*	*
Charleville ...	? 30.61	- .06	20	*	-2	*	*	SE	3	*	*	*	f	*	*
Paris ...	30.50w	- .09	30	?	-2	43	29	E	?	3	ESE	0	b	-	*
Lyons ...	?		42	*	-3	*	*	SE	1	*	*	*	f	*	*
Toulon ...	30.37w	- .02	42	37	+1	52	41	N	3	4	N	2	f	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.		
Skudesnaes ...	30.07	45	44	WSW	8	*	N	4	Valencia ...	30.45	48	45	SSE	4	8	g
Thurso ...	30.23	50	48	N	5	7	g	3	Scilly ...	30.45	47	44	ESE	5	6	c
Scarborough...	30.52	32	31	WSW	3	8	f	2	London ...	30.59	37	35	ESE	1	8	gf
Greencastle ...	30.50	44	43	WSW	4	3	b	*	Roche fort ...	30.51	49	44	E	5	0	b
Holyhead ...	30.54	42	41	SW	1	5	c	0								

The barometer is falling slowly at all stations excepting Rochefort. No change is reported in the wind; but the weather has become gloomy at Valencia.

## EXPLANATION OF COLUMNS.

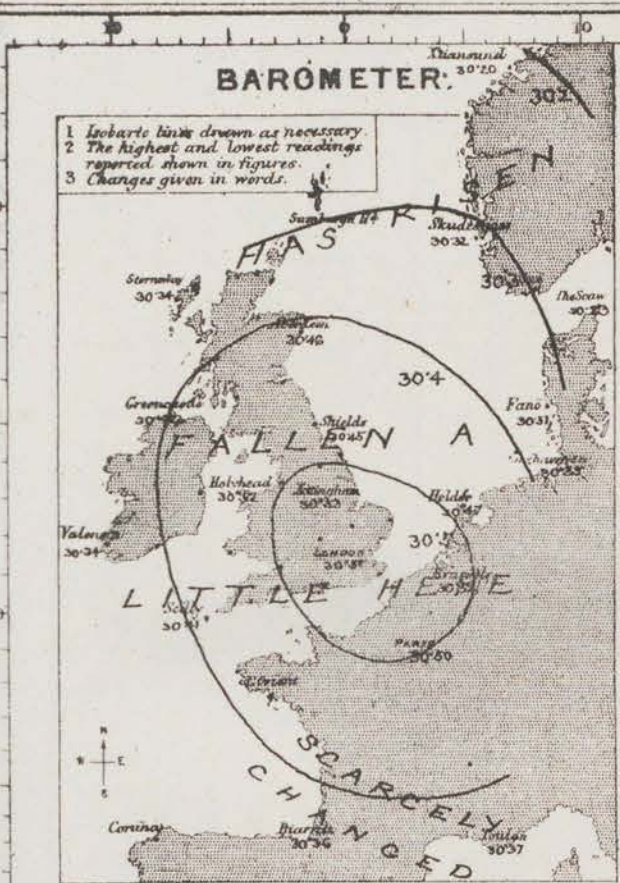
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

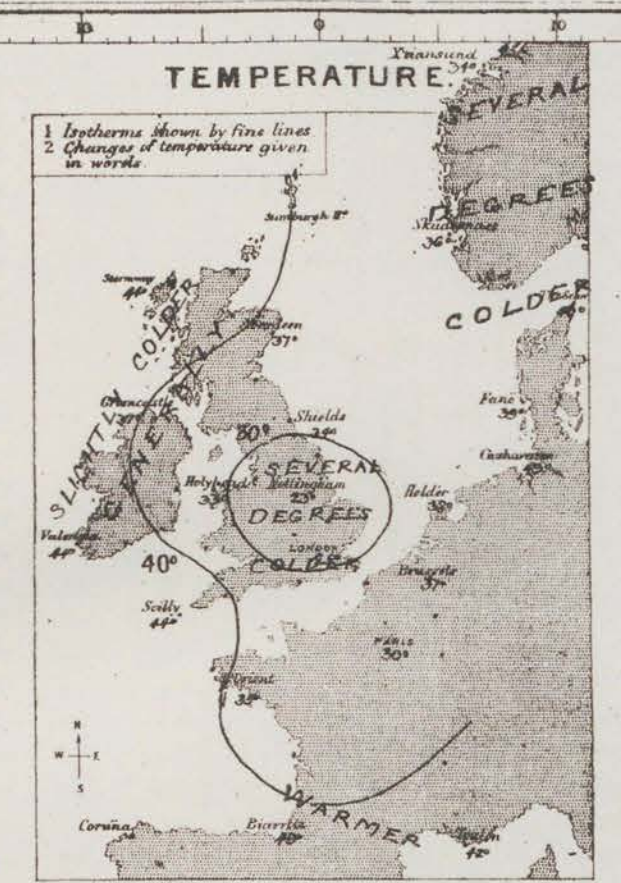
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS AND REMARKS FOR FRIDAY 6<sup>TH</sup> FEBRUARY 1874 AT 8 A.M.



Scarcely any change whatever has occurred in the position of the anti-cyclone recently noticed over England, but owing to a fall of the barometer over Ireland and England together with a rise at all the northern stations it has become less marked than it was yesterday. Gradients are everywhere slight.



Temperature has decreased at all but the French and Dutch stations, most over central England, where a sharp frost prevails. York is 10° colder than Shields and Oxford is 15° colder than Plymouth.



Winds continue light from E. in the south, from S and SE in the west, and from WSW in the north, while NW<sup>ly</sup> breezes are reported from the eastern shores of the North Sea. The sea is smooth.



Fog felt in Norway last evening, and snow was seen in the north and north-west. Thick fog prevails over England, cloudy or overcast skies at our other stations and in Belgium, but clear weather in France.

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.

Vincent Brooks Day & Son Ltd. London W.C.



Satur - day 8 a.m.

# WEATHER REPORT.

Feb. 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 Disturbance 0 to 10.	
	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.	Dircc.	Force. (0 to 12.)	Force. (0 to 12.)	Dircc.					
Haparanda ...						*	*						*		*	*
Hernösand ...						*	*						*		*	*
Stockholm ...						*	*						*		*	*
Wisby ...						*	*						*		*	*
Christiansund ...						*	*						*		*	*
Skudesnaes ...						*	*						*		*	*
Oxö (X'hansand)						*	*						*		*	*
Skagen (The Skaw)						*	*				*	*	*		*	*
Fanö ...						*	*				*	*	*		*	*
Cuxhaven ...	30.22 f	- .12	31	31	- .12	42	?	W N W	3	5	W N W	7	0	-		?
Sumburgh Head																
Stornoway (He- brides.)	30.03 f	- .21	45	44	+ .1	45	32	SW	4	5	SW	10	ab	0.04		4
Thurso ...	30.01 f	- .30	43	40	- .1	49	33	SW	2	2	W S W	9	co	-		2
Wick ...	30.03 f	- .29	41	39	- .2	49	32	W	1	2	W	10	co	-		0
Nairn ...	30.11 f	- .25	41	37	- .2	46	34	SW	2	2	SW	7	be	-		2
Aberdeen ...	30.12 f	- .34	34	32	- .3	45	30	SW	1	1	W S W	6	bcw	-		1
Leith ...	30.21 f	- .22	38	36	+ .2	44	34	W	2	3	W	7	bc	-		2
Shields ...	30.23 f	- .22	33	33	- .1	35	31	W	3	2	W	4	fc	-		1
York ...	30.23 f	- .23	28	27	+ .4	28	24	SSE	1	1	SE	10	f	-		2
Scarborough ...	30.22 f	- .22	29	29	+ .3	32	25	W S W	1	2	SW	3	fb	-		2
Nottingham ...	30.33 f	- .20	30	30	+ .7	30	23	SW	1	2	S S W	10	f	-		2
Ardrossan ...	30.24 f	- .20	43	41	+ .4	44	33	SW	2	2	SW	7	mo	-		2
Greencastle ...	30.26 f	- .16	41	40	+ .4	41	37	SW	2	4	SW	9	co	-		2
Donaghadee ...	30.23 f	- .19	40	39	+ .1	44	34	W	3	3	W	10	co	-		2
Kingstown ...	30.32 f	- .13	44	42	+ .7	45	37	W	3	2	S	10	fm	-		2
Holyhead ...	30.29 f	- .23	42	41	+ .9	43	33	W	1	1	S S W	7	m	-		0
Liverpool (Bidston Obs.)	30.28 f	- .21	38	37	+ .14	38	24	W S W	2	3	W N W	6	c	-		1
Valencia ...	30.35 h	+ .01	47	45	+ .3	50	42	SSE	3	4	SE	8	h	0.07		3
Roche's Point ...	30.35 f	- .03	46	44	0	48	43	W	1	4	SSE	9	o/po	0.02		2
Pembroke ...	30.37 f	- .07	39	38	0	45	36	Z	0	3	SE	7	om	-		2
Portishead ...	30.36 f	- .14	35	35	+ .5	35	27	W	1	1	E	10	fm	-		1
Scilly ...	30.39 f	- .02	40	39	- .4	48	38	Z	0	1	SE	4	bc	-		2
Plymouth ...	30.37 f	- .06	41	40	0	47	39	NE	2	2	SE	3	om	-		2
Portsmouth ...																
Dover ...	30.36 f	- .14	20	29	+ .1	41	24	W	3	3	NE	7	bf	-		1
London ...	30.35 f	- .16	28	28	+ .3	32	25	SW	2	1	W S W	10	f	-		2
Oxford ...	30.35	- .17	29	29	+ .3	32	26	W	1	1	W	10	fo	-		2
Cambridge ...	30.29 f	- .24	26	26	+ .4	30	22	Z	0	0	Z	10	fo	-		2
Yarmouth ...	30.29 f	- .27	25	25	+ .2	34	22	W	2	2	S	10	mf	-		2
Helder ...	30.23	- .24	37	*	- .1	*	*	SW	4	*	*	*	mf	*		2
Cape Gris Nez ...	30.31 f	- .18	34	34	- .2	46	33	W N W	3	1	E	10	bf	-		2
Brest ...	30.40 f	- .02	40	40	- .3	53	38	ESE	3	3	NE	?	o	-		3
L'Orient ...	?		35	35	0	51	34	E	3	4	E	2	c	-		1
Rochefort ...	30.38 f	- .07	37	35	+ .2	58	31	SE	1	3	E	5	b	-		3
Biarritz ...	30.35 f	- .01	49	45	0	53	41	SW	1	4	S	6	c	-		3
Corunna ...				*		*	*			*	*	*		*	*	
Brussels ...	30.29	- .23	31	*	- .6	*	*	W S W	3	*	*	*	b	*	*	
Charleville ...	30.39	- .22	22	*	+ .2	*	*	E	3	*	*	*	b	*	*	
Paris ...	30.37 f	- .13	26	?	- .4	42	24	W N W	?	?	W W	9	bm	0	*	
Lyons ...	?		41	*	- .1	*	*	W	3	*	*	*	f	*	*	
Toulon ...																

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

	Bar.	Dry.	Wet.	Wind.	O.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wen.	
Skudesnaes ...	30.24	41	41	SSE	2	*	f	3	Valencia ...	30.35	48	45	SE	4	7
Thurso ...	30.25	47	44	WSW	2	7	c	2	Scilly ...	30.40	48	45	Z	0	3
Scarborough...	30.40	32	32	SSW	1	1	b	2	London ...	30.47	31	30	Z	0	10
Greencastle ...	30.36	41	39	SW	4	5	c	*	Rochefort ...	30.43	56	51	ESE	1	0
Holyhead ...	30.40	41	40	N	1	7	f	1							

A slight recovery of pressure has taken place at Valencia, elsewhere the fall continues. The fog still holds on the E. coast so that temperature continues very low.

## 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 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; i. light rain; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind.

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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



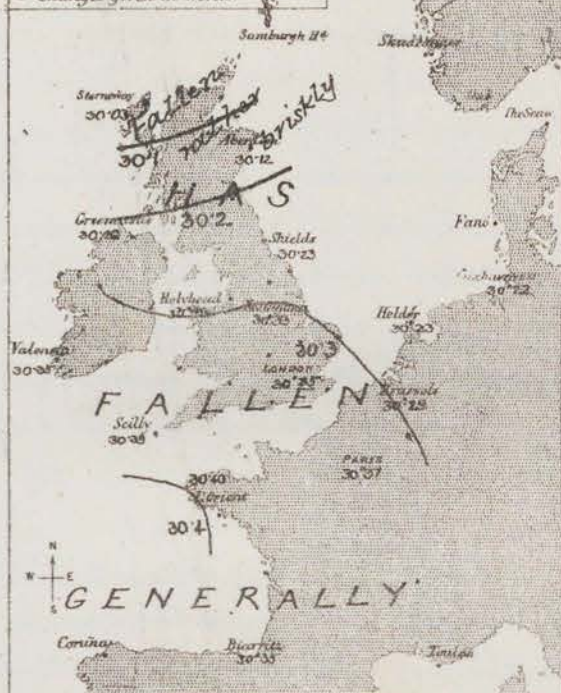
# WEATHER CHARTS

AND REMARKS FOR

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

## BAROMETER.

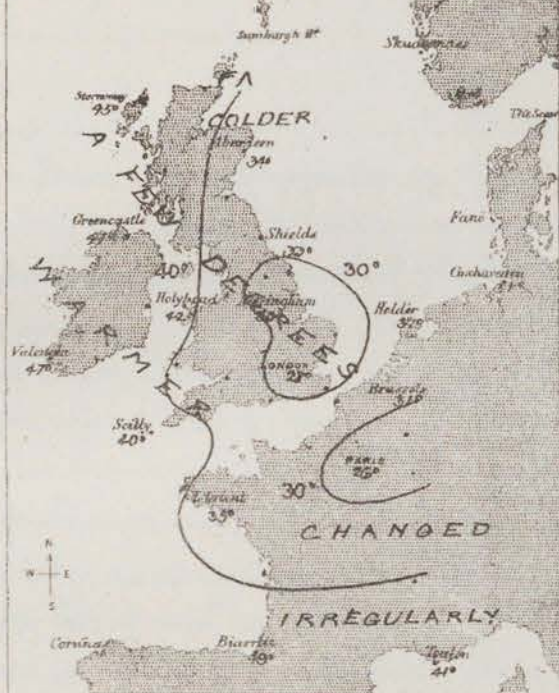
- 1 Isobars line drawn as necessary
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past 24 hours a rather brisk fall of the barometer has taken place on our northern coasts extending in a less degree to all of the more southern stations. The Norwegian reports are not in yet. The highest readings are found at the southern stations, but gradients over our Islands are slight.

## TEMPERATURE.

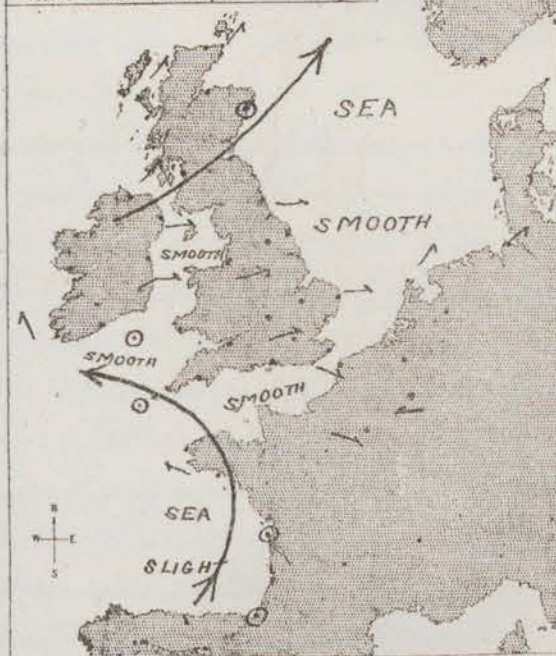
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has increased except in Scotland and Holland but frost still prevails over eastern and central England.

## WIND & SEA.

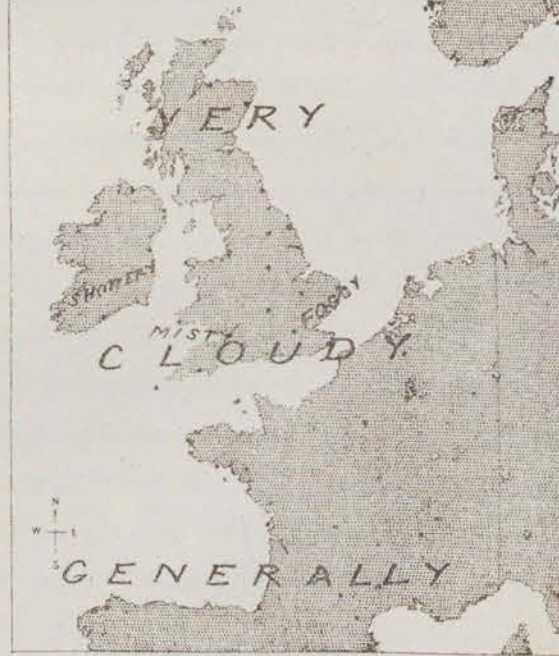
- 1 Arrows fly with the wind  
Force 0 to 1 - ○ Force 8 to 10 - →→  
2 - 4 - → above 10 - →→→  
5 - 7 - →→→
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



Light to moderate SW winds are again established over the northern parts of the kingdom as well as at the Dutch stations. Elsewhere the winds vary much. At Valencia and in the west of France SE breezes are still reported. The sea is smooth.

## CLOUD, RAIN &c.

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



The sky remains very cloudy generally with fog in the south-east, and showery weather has set in on the south coast of Scotland.

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

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

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.



# SUMMARY OF WEATHER IN WESTERN EUROPE.

FROM FEBRUARY 1<sup>ST</sup> TO FEBRUARY 7<sup>TH</sup> 1874.

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

During nearly the whole of this week we have been under the influence of an anticyclonic system while exceedingly disturbed weather has been experienced in the Gulf of Bothnia and the Baltic and severe frost in Russia. On the 3<sup>rd</sup> our anticyclone appeared to have become broken up, but on the following day it reappeared and continued over England until the 7<sup>th</sup>. It was then pushed considerably to the SW and became very ill defined, and at the same time a depression appeared over the E<sup>n</sup> shores of the North Sea causing N<sup>W</sup> winds on our E. coasts. After the 3<sup>rd</sup> the weather was very cold and foggy in England, and on the 4<sup>th</sup> a good deal of snow fell in the North.

FEB: 1<sup>ST</sup> — A further advance in an E<sup>ly</sup> direction was shown by the anticyclone hitherto prevailing in the SW, accompanied by a further decrease in the value of the highest reading recorded in it. Over the North Sea the mercury was rising. Thus the area of highest reading was becoming more extensive but less of a marked character. Temperature rose somewhat in the S. and SE. of our Islands, as well as in the neighbourhood of Belgium and the Skager Rack. The wind continued E<sup>ly</sup> in the N. of France but drew into SE. on our SW. coasts, while very light SW<sup>ly</sup> to W<sup>ly</sup> airs were felt at our N<sup>W</sup> stations and N<sup>W</sup> winds in Denmark. The sky was cloudy or overcast except on the Continent and at our NE<sup>n</sup> stations, with fog or gloom in the S<sup>n</sup> parts of England; and during the day a little rain fell in the W. and NW. —

FEB: 2<sup>ND</sup> — The anticyclone had now reached the S. of England and N. of France and a further rise of the barometer had occurred at the North German and Dutch stations. On our N. and NW. coasts, however, a brisk fall was in progress. The winds had become SW<sup>ly</sup> over nearly the whole of the British Isles, and WSW<sup>ly</sup> over the North Sea, but were still ENE<sup>ly</sup> in the Bay of Biscay. In force they were light to moderate generally, but a fresh gale was reported from Christiansund. The weather continued mild in our Islands but began to get very cold in Russia. The sky was very cloudy except over the Bay of Biscay and S. of France, and rain fell at our N<sup>W</sup> and NW stations during the day.

FEB: 3<sup>RD</sup> — The barometer having begun to rise again at the N<sup>W</sup> stations while it fell in the S. and SE. the definite form of the anticyclone was destroyed and uniformly high readings prevailed over the United Kingdom and France. To the E<sup>n</sup>, however, pressure decreased considerably. The winds reported varied extremely in direction, especially over the United Kingdom, but those in France were generally NE<sup>ly</sup>. Temperature fell very much in the North but changed irregularly elsewhere. At Moscow it fell to  $-4^{\circ}\text{F.}$  The sky was overcast, misty, and gloomy over England, the S. of Ireland and the N. of France, clearer in other places. During the morning the N<sup>W</sup> increase extended over the whole of W<sup>n</sup> Europe and a great deal of fog prevailed in various parts of the country. —

FEB: 4<sup>TH</sup> — The barometer had begun to fall again at our N<sup>W</sup> stations while it continued to rise elsewhere and the anticyclone reappeared over England, the reading at Nottingham being as high as 30.67 ins. With the return of definite form to the area of high pressure the circulation of wind of moderate strength about it also became distinct so that E<sup>ly</sup> breezes prevailed in France, S<sup>ly</sup> winds were felt in the W., SW<sup>ly</sup> in the N., and NW<sup>ly</sup> over the North Sea. A fall of the thermometer took place except at the Irish and Scotch stations, exceeding  $10^{\circ}$  in the



N. of England, where thick fogs prevailed; while in Scotland and Norway the sky was clear & cloudy elsewhere. A brilliant auroral display was seen in all parts of the country at night.

ES: 5<sup>TH</sup> - The fall of the barometer at our N<sup>o</sup> stations had continued and extended S.W.<sup>d</sup>. The centre of a very deep depression had advanced over Norway and its centre at 8 am lay over the N. of the Gulf of Bothnia; but the position of the anticyclone over England showed little change. Under these circumstances a S.W. gale set in at Christiansund, the N<sup>o</sup> wind on the E<sup>o</sup> shores of the North Sea increased considerably, and even in Scotland a slight increase of wind was reported. Elsewhere the winds remained much the same as on the 4<sup>th</sup>. Temperature rose in the extreme N. but fell elsewhere, most in the S.E. and over our Islands; the sky remained gloomy or foggy except in the N.W. and N. In the E. and S. of France however the weather was fine. At night time bright aurora was again seen in the N. and N.W. and a sharp frost occurred over England. -

ES: 6<sup>TH</sup> - The Northern disturbance had advanced S.E.<sup>w</sup> over central Russia and a considerable rise of the mercury had taken place at the N<sup>o</sup> stations, while over England the mercury fell slightly. The anticyclone maintained its position over England. The winds fell very light everywhere; calms prevailed over central England, with hard frost and thick fogs. Nottingham was 17° colder than the Scaur and 21° colder than either Valencia or Sicily. The sky was clear in France, cloudy elsewhere. During the morning the mercury again began to fall in the North. -

ES: 7<sup>TH</sup> - A new disturbance showed itself over the S. of Scandinavia so that over the whole of the N<sup>o</sup> stations and the North Sea the mercury fell briskly. The anticyclone lately observed had been almost entirely dispersed and readings now varied from about 30.4 ins. in the Bay of Biscay to 29.9 ins. over the Skagerrack - gradients being steepest near the Danish and Norwegian coasts. Light S.W. breezes prevailed in North Britain, and strong N.W. to N. winds on the E<sup>o</sup> shores of the North Sea; but very variable winds and calms were reported elsewhere, with a tendency to an E<sup>o</sup> wind at the S.W. stations. During the day the centre of the Norwegian depression travelled S.<sup>w</sup>, ~~and~~ a recovery of pressure set in over Scotland, and a considerable quantity of snow fell in the North. -

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#### NOTICE.

The Meteorological Committee have resolved to commence the issue of lithographed copies of the 24 Hourly Tabulated Readings, taken at their 7 Observatories, for every element which is observed continuously, commencing with Jan'y 1. 1874. The sheets will be issued Quarterly and the issue will be a limited one.

The subscription is, for a copy of 1. - - - per annum, to cover a portion of the expense of production. The sheets will not be distributed with the publications of the Office. -

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



Sun-day 8 a.m.

## WEATHER REPORT.

Feb: 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 Disturbance 0 to 5.
	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 ...	29.20	- .45	15	15	+ 13	*	*	NN	6	4	NN	*	br	*	0
Hernösand ...	?		12	12	- 9	*	*	S	2	0	Z	*	br	*	0
Stockholm ...	29.69	- .04	10	9	- 17	*	*	N	1	2	N	*	br	*	0
Wisby ...	29.77	- .01	22	22	- 13	*	*	?	?	6	N	*	sc	*	0
Christiansund ...	29.91	- .11	28	27	- 2	*	*	NNE	2	2	S	*	s	*	4
Skudeanaes ...	29.95	- .02	25	22	- 18	*	*	NNN	4	4	NNN	*	br	*	3
Oxö (X'Hammond)	29.80	- .10	25	24	- 16	*	*	NNE	6	4	E NE	*	st	*	4
Skagen (The Skaw)	29.70	- .19	25	23	- 16	*	*	NE	2	*	*	*	c	*	5
Fanö ...	29.42	- .69	31	31	- 6	*	*	N	10	*	*	*	o	*	0
Cuxhaven ...	29.50 f	+ .72	43	43	+ 12	?	28	NNN	8	4	WSN	9	fo	0.04	?
Sumburgh Head															
Stornoway (He. bridges)	30.35 N	+ .32	35	32	- 10	48	32	NNE	3	6	NNE	8	po	0.15	3
Thurso ...	30.23 N	+ .22	37	33	- 6	49	34	N	6	7	N	6	dlo	0.15	4
Wick ...	30.20 N	+ .27	33	32	- 8	48	32	N	4	7	NE	5	c	0.10	2
Nairn ...	30.27 N	+ .16	35	33	- 6	48	34	NE	2	4	SW	4	c	0.03	3
Aberdeen ...	30.21 N	+ .09	35	32	+ 1	48	33	N	3	6	NN	3	osp	0.07	7
Leith ...	30.26 N	+ .05	38	36	0	49	34	NE	3	5	N	2	ct	-	0
Shields ...	30.17 N	- .06	38	35	+ 5	45	33	NNE	5	6	NN	7	scq	0.03	5
York ...	30.13 N	- .15	38	34	+ 10	47	27	NNN	1	3	N	6	sc	0.03	6
Scarborough (10 a.m.)	30.14 N	- .08	38	35	+ 9	44	29	N	6	7	N	4	osc	0.07	6
Nottingham ...	30.15 N	- .18	40	37	+ 10	46	30	N	3	5	NNN	9	osc	0.02	0
Ardrossan ...	30.25 N	+ .01	38	34	- 5	51	38	NE	3	6	NN	6	c	0.03	1
Greencastle ...	30.28 N	+ .02	39	38	- 2	48	39	E NE	5	5	E NE	10	of	0.24	0
Donaghadee ...	30.24 N	+ .01	40	38	0	48	40	E NE	5	6	E NE	7	ov	0.03	3
Kingstown ...	30.21 f	- .11	44	43	0	50	44	NNN	3	4	N	9	mo	0.07	2
Holyhead ...	30.15 f	- .14	45	42	+ 3	49	33	NE	4	5	NE	6	de	0.05	3
Liverpool (Bidston Obs.)	30.18 f	- .10	39	37	+ 1	46	38	NNE	2	6	N	7	ov	0.02	2
Valencia ...	30.28 f	- .07	48	45	+ 1	51	44	S	3	3	S	7	po	0.05	3
Roche's Point ...	30.27 f	- .08	47	44	+ 2	50	45	NN	3	3	NN	5	ov	-	2
Pembroke ...	30.20 f	- .17	48	46	+ 9	48	37	NNN	3	3	NNN	10	mo	-	2
Portishead ...	30.14 f	- .22	45	44	+ 10	46	33	NNN	4	4	NNN	10	og	-	4
Scilly ...	30.30 f	- .09	48	45	+ 8	49	39	N	5	5	N	8	ov	-	3
Plymouth ...	30.24 f	- .12	45	45	+ 4	50	41	NN	1	2	NN	10	sf	-	0
Portsmouth ...															
Dover ...	30.00 f	- .26	44	42	+ 14	45	28	NN	4	3	N	6	br	-	3
London ...	30.09 f	- .26	42	38	+ 14	46	28	N	3	3	WSN	9	ov	-	0
Oxford ...	30.11	- .24	?	?	?	45	?	NN	2	3	N	9	o	0.04	0
Cambridge ...	30.07 f	- .22	41	38	+ 15	45	25	N	2	2	N	4	c	-	0
Yarmouth ...	30.07 f	- .22	37	35	+ 12	43	24	NNN	5	5	N	9	mo	0.07	4
Helder ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Cape Gris Nez ...	30.05 f	- .26	44	42	+ 10	45	20	N	5	4	N	10	ov	-	4
Brest ...	30.32 N	- .08	47	45	+ 7	49	39	WSN	3	3	ESE	10	o	-	3
L'Orient ...	?		?	?	?	50	?	Z	0	4	E	7	br	-	1
Roche fort ...	30.34 N	- .04	38	36	+ 1	60	32	N	3	3	NNE	6	c	-	3
Biarritz ...	30.35 f	- .05	46	44	- 2	54	43	WSN	4	1	N	9	br	-	2
Cornuna ...	30.32		48	*	*	*	*	NE	?	*	*	*	br	*	0
Brussels ...	29.93	- .36	37	*	+ 6	*	*	SW	3	*	*	*	br	*	0
Charleville ...	? 30.06	- .33	?	*	*	*	*	WSN	3	*	*	*	f	*	0
Paris ...	30.13 f	- .24	40	?	+ 14	40	28	WSN	3	5	Z	10	br	0.04	0
Lyons ...	?		37	*	- 4	*	*	SW	3	*	*	*	o	*	0
Toulon ...	30.07 f	- .31	?	?	?	?	?	N	5	4	SW	4	c	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	
Skudesnaes ...	29.78	42	41	NNN	2	*	N	3	Valencia ...	30.35	51	49	S	3	g
Thurso ...	29.84	47	46	SW	4	7	o	3	Scilly ...	30.35	49	46	NNN	1	g
Scarborough...	30.12	40	38	N	1	8	o	2	London ...	30.28	40	39	NNN	3	br
Greencastle ...	30.20	47	46	SW	4	9	o	*	Roche fort ...	30.37	56	52	SE	3	c
Holyhead ...	30.26	47	45	WSN	1	6	o	1							

Pressure has again decreased except at Valencia, most at our N. stations. The wind continues SW<sup>2</sup> at our N. stations, W<sup>2</sup> in England. A separate circulation existed in the S. of Norway this morning.

Warnings issued to our N. NN. and NE. 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. light; 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.

\*AN ASTERISK is inserted in all places for which no information is received.

The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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



# WEATHER CHARTS AND REMARKS FOR SUNDAY 8<sup>TH</sup> FEBRUARY 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.





Now-day 8 a.m.

# WEATHER REPORT.

Feb: 9<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distur- bance 0 to 9	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.						
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force (0 to 12.)	Force (0 to 12.)	Direc.					
Haparanda ...	29.87	+ .57	23	14	-18	*	*	N	4	4	NN	*	bc	*	*	
Hernösand ...	29.84		10	9	-2	*	*	NNE	6	2	NNN	*	bc	*	*	
Stockholm ...	29.32	- .37	19	18	+9	*	*	NN	2	4	N	*	c	*	*	
Wisby ...	29.40	- .37	28	27	+6	*	*	N	6	2	NNE	*	bc	*	*	
Christiansund ...	29.97	+ .06	25	23	-3	*	*	NNE	8	6	NN	*	s	*	*	
Skudesnaes ...	29.83	- .12	28	25	+3	*	*	NNN	8	4	NNN	*	bc	*	2	
Oxö (X'Harasund)	29.65	- .18	31	27	+6	*	*	NN	4	6	NN	*	bc	*	*	
Skagen (The Skaw)	29.58	- .12	32	30	+7	*	*	NE	8	*	*	*	c	*	*	
Fanö ...	29.63	+ .21	35	34	+4	*	*	NN	8	*	*	*	c	*	*	
Cuxhaven ...	29.69f	+ .19	36	34	-7	?	29	NNN	8	10	N	9	bc	-	?	
Sumbargh Head																
Sternoway (Hebrides)	30.33f	- .02	35	32	0	39	32	N	1	3	NNE	10	g	-	1	
Thurso...	30.23f	.00	36	34	-1	40	33	N	4	6	N	8	spo	0.04	4	
Wick ...	30.26f	- .04	35	34	+2	37	31	N	2	4	N	10	c	0.01	1	
Nairn ...	30.31f	+ .04	35	32	0	38	34	NE	1	2	NE	6	c	-	2	
Aberdeen ...	30.22f	+ .01	35	33	0	38	32	NNN	3	3	N	9	spo	0.02	4	
Leith ...	30.32f	+ .06	33	32	-5	46	31	N	3	3	NE	6	bc	-	*	
Shields...	30.25f	+ .08	33	32	-5	39	30	NNN	3	5	NNE	7	c	0.06	4	
York ...	30.283	+ .15	30	29	-8	43	25	NNN	1	2	NNN	7	c	-	*	
Scarborough ...	30.22f	+ .08	33	31	-5	40	32	NNN	4	6	N	10	sg	-	4	
Nottingham ...	30.32N	+ .17	28	26	-12	43	23	NN	2	3	NNN	1	bc	-	*	
Ardrossan ...	30.34f	+ .09	26	26	-12	42	26	N	?	4	NE	4	cf	-	0	
Greencastle ...	30.36f	+ .08	34	35	-2	40	36	ENE	1	5	ENE	10	c	0.01	*	
Donaghadee ...	30.355	+ .10	37	32	-3	45	34	NN	2	5	ENE	10	co	-	2	
Kingstown ...	30.36N	+ .15	38	36	-6	46	36	ENE	2	5	ENE	8	df	-	2	
Holyhead ...	30.313	+ .16	35	34	-10	45	36	E	1	4	ENE	6	c	-	1	
Liverpool (Bidston Obs.)	30.34N	+ .16	32	31	-7	41	30	NNE	1	3	NNN	9	co	-	1	
Valencia ...	30.22f	+ .06	48	45	0	52	40	ESE	3	3	SE	2	bc	-	3	
Roche's Point...	30.25f	- .02	39	37	-3	51	37	E	4	4	E	7	c	-	3	
Pembroke ...	30.31N	+ .11	36	35	-12	48	35	NE	0	3	NE	10	co	-	2	
Portishead ...	30.34N	+ .20	29	28	-16	45	28	E	91	2	N	5	co	-	1	
Scilly ...	30.24f	- .06	46	45	-2	50	45	ESE	5	5	ESE	6	co	-	3	
Plymouth ...	30.29N	+ .05	39	38	-6	52	37	E	2	2	E	7	bc	0.02	*	
Portsmouth ...																
Dover ...	30.25N	+ .25	30	29	-14	45	28	NNN	3	5	NE	0	bc	0.01	2	
London ...	30.31N	+ .22	28	27	-14	43	24	SN	1	5	NNE	3	omb	-	*	
Oxford...	30.34	+ .23	25	24	9	43	23	L	0	2	N	4	cf	-	*	
Cambridge ...	30.28N	+ .21	27	26	-14	42	26	NNN	1	3	NNN	3	bc	-	*	
Yarmouth ...	30.19N	+ .12	32	31	-5	41	29	NNN	4	5	N	9	cs	0.02	4	
Heider ...	30.31		35	*	*	*	*	NNN	7	*	*	*	*	*	-	3
Cape Gris Nez...	30.24N	+ .19	35	31	-9	45	34	N	4	7	N	1	bc	0.04	3	
Brest ...	30.29f	+ .03	42	42	-5	53	39	SSE	3	4	ESE	1	bc	-	3	
L'Orient ...	?		37	37	?	52	37	ESE	3	3	NN	5	c	-	2	
Rochefort ...	30.30f	- .04	37	35	-1	55	34	E	3	3	N	4	bc	-	3	
Biarritz ...	30.25f	- .10	41	37	-5	50	37	?	3	4	N	6	bc	-	2	
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	-	*
Brussels ...	30.10	+ .17	34	*	-3	*	*	NEN	3	*	*	*	c	*	-	*
Charleville ...	? 30.35	+ .19	28	*	?	*	*	SN	1	*	*	*	c	*	-	*
Paris ...	30.30N	+ .17	31	?	-9	48	30	N	3	5	NNE	0	bc	-	*	
Lyons ...	?		41	*	+4	*	*	N	3	*	*	*	bc	-	*	
Toulon...	29.95f	- .12	42	37	?	47	41	NN	9	8	NN	1	bc	-	*	

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.
Skudesnaes ...	29.95	?	?	NNN	4	*	S	4	Valencia ...					
Thurso ...									Scilly ...					
Scarborough...									London ...					
Greencastle ...								*	Rochefort ...	30.30	52	47	N	3 0
Holyhead ...														

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the 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; i. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind.

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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



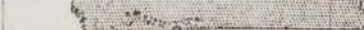
MON DAY 9<sup>TH</sup> FEBRUARY 1874 AT 8 A.M.



During the past twenty-four hours the barometer has risen briskly in Denmark, and to a less extent over St. Paul and the north coast of France, while it has fallen in the south of Norway and at our other western stations. The gradients from London to Paris and from the Helles to Antwerp are 0.10 in. per 50 miles.



Temperature has fallen at all our stations, rapidly, in the south-east. A hard frost occurred on the grass in London last night.



The N<sup>4</sup> gale notices on the eastern shore of the North Sea yesterday still continues and has extended over a still larger range of coast, while at our eastern and northern stations the wind has fallen light. In the NW of our Islands and the north-west of France moderate SE<sup>4</sup> winds have set in. The sea is moderate to smooth.



Snow has fallen in the north of our Islands, and a little rain in the SW. The sky is very cloudy except in the southwest.

Drums lowered this morning.

*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.

Vincent Brooks Day & Son Ltd. London W.C.



Tues - day 8 a.m.

# WEATHER REPORT.

Feb: 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 Distur- bance 0 to 2
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 3 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	-.05	12	11	+15	*	*	N	4	4	NN	*	b-o	*	*
Hernösand ...	30.04	+ .20	15	14	+5	*	*	N	2	4	N	*	b-o	*	*
Stockholm ...	30.19	+ .86	6	6	-13	*	*	NNN	1	6	N	*	o-b	*	*
Wisby ...	30.08	+ .68	10	18	-9	*	*	NE	4	2	N	*	o	*	*
Christiansund...	30.32	+ .35	29	28	+4	*	*	SW	3	2	S	*	b-o	*	6
Skudesnaes ...	30.62	+ .79	19	17	-9	*	*	NNE	?	4	NNE	*	b-s	*	2
Oxö (Christiansund)	30.49	+ .84	20	16	-11	*	*	NNN	4	6	NNE	*	b-	*	2
Skagen (The Skaw)	30.40	+ .85	22	19	-10	*	*	NE	6	*	*	*	b-	*	3
Fanö ...	30.51	+ .88	16	15	-19	*	*	N	2	*	*	*	b-	*	*
Cuxhaven ...	30.41W	+ .72	24	20	-12	36	?	NE	9	10	NE	1	b-	-	?
Sumburgh Head															
Stornoway (Hebrides)	30.42W	+ .09	35	32	0	37	32	SE	3	5	SE	0	g-z	-	5
Thurso...	30.45W	+ .22	34	31	-2	40	29	S	1	4	N	7	b-o	0.01	2
Wick ...	30.50W	+ .24	35	31	0	36	30	S	3	5	NE	6	o	0.01	2
Nairn ...	30.49W	+ .19	25	22	-12	37	23	Z	0	1	SE	0	o	0.07	4
Aberdeen ...	30.51W	+ .29	34	32	-1	37	30	S	3	3	NNN	7	o	0.06	3
Leith ...	30.54W	+ .22	31	30	-2	40	29	S	2	3	N	4	o	-	*
Shields...	30.53W	+ .28	34	34	+1	37	32	SSE	4	4	NN	3	o	0.04	3
York ...	30.55W	+ .27	30	29	0	37	28	E	1	1	NN	6	o	-	*
Scarborough ...	30.55W	+ .33	32	31	-1	38	32	SE	5	5	NNN	5	o	0.11	5
Nottingham ...	30.54W	+ .22	30	29	+2	37	27	ESE	1	3	NNN	4	o	-	*
Ardrossan ...	30.48W	+ .14	30	30	+4	39	26	E	2	2	E	3	o	-	1
Greencastle ...	30.36S	00	37	34	0	39	34	ESE	6	6	ESE	3	o	-	*
Donaghadee ...	30.37S	+ .03	38	35	+1	41	34	SSE	6	6	SSE	6	o	-	4
Kingstown ...	30.38W	+ .02	39	35	+1	43	37	SE	7	4	ENE	4	o	-	4
Holyhead ...	30.38W	+ .07	33	31	-2	40	31	E	3	3	ENE	1	b-	-	3
Liverpool (Bidston Obs.)	30.48W	+ .14	31	30	-1	35	30	E	2	2	E	2	o	-	1
Valencia ...	30.03f	- .19	46	43	-2	49	42	SSE	8	8	SSE	7	o	-	8
Roche's Point...	30.20f	- .05	42	40	+3	48	39	SE	8	8	SE	9	o	-	5
Pembroke ...	30.32W	+ .01	35	33	-1	42	31	E	5	4	E	7	o	-	3
Portishead ...	30.43W	+ .09	27	26	-2	39	25	NE	4	4	NE	3	o	0.08	2
Scilly ...	30.25S	+ .01	44	40	-2	48	40	E	6	6	E	8	o	0.22	6
Plymouth ...	30.42W	+ .13	33	32	-6	45	30	E	2	3	E	3	o	-	*
Portsmouth ...															
Dover ...	30.48W	+ .23	32	31	+2	37	28	ESE	4	4	NN	6	b-s	0.02	4
London ...	30.51W	+ .20	32	31	+4	38	28	E	3	3	NNN	9	o	-	*
Oxford...	30.50	+ .16	27	27	+2	36	25	NE	2	3	NN	0	b-	-	*
Cambridge ...	30.54W	+ .26	26	26	-1	36	25	ENE	1	2	NN	0	o	0.01	*
Yarmouth ...	30.52W	+ .33	31	30	-1	36	30	E	7	8	ENE	7	o	0.11	5
Helder ...	30.49	+ .48	29	*	-6	*	*	NE	7	*	*	*	o	-	4
Cape Gris Nez...	30.41W	+ .17	37	35	+2	39	35	ENE	4	5	NNN	5	o	-	3
Brest ...	30.29W	00	39	37	-3	48	37	SE	4	5	S	10	o	-	4
L'Orient ...	?		37	35	0	46	33	SE	4	4	E	9	o	-	2
Rochefort ...	30.31W	+ .01	32	30	-5	50	28	E	5	4	E	0	b-	-	3
Biarritz ...	30.01f	- .24	37	35	-4	50	36	E	4	4	NE	9	o	-	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.44	+ .34	26	*	-8	*	*	NE	?	*	*	*	o	-	*
Charleville ...	? 30.44	+ .19	23	*	-5	*	*	NE	3	*	*	*	b-	-	*
Paris ...	30.39W	+ .09	32	?	+1	40	31	NNE	7	4	NNN	6	o	-	*
Lyons ...	?		37	*	-4	*	*	N	1	*	*	*	b-	-	*
Toulon...	29.87f	- .08	31	26	-11	50	30	NN	8	9	NN	1	b-	-	6

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.		
Skudesnaes ...	30.16	26	24	NNE	7	*	b	4	Valencia ...	30.19	48	43	SE	4	2	b
Thurso ...	30.26	38	34	N	4	7	c	4	Scilly ...	30.26	48	45	ESE	5	5	c
Scarborough...	30.15	37	34	NNN	5	9	o	5	London ...	30.28	36	31	NN	3	3	b
Greencastle ...	30.24	39	36	NNN	1	10	o	*	Rochefort ...	30.30	50	41	?	?	0	b
Holyhead ...	30.32	38	36	ENE	3	5	c	o								

The changes since this morning have been slight and irregular; and the relative positions of the NW and SE currents of wind are unaltered.

## 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. light; 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; taken at 8 p.m.

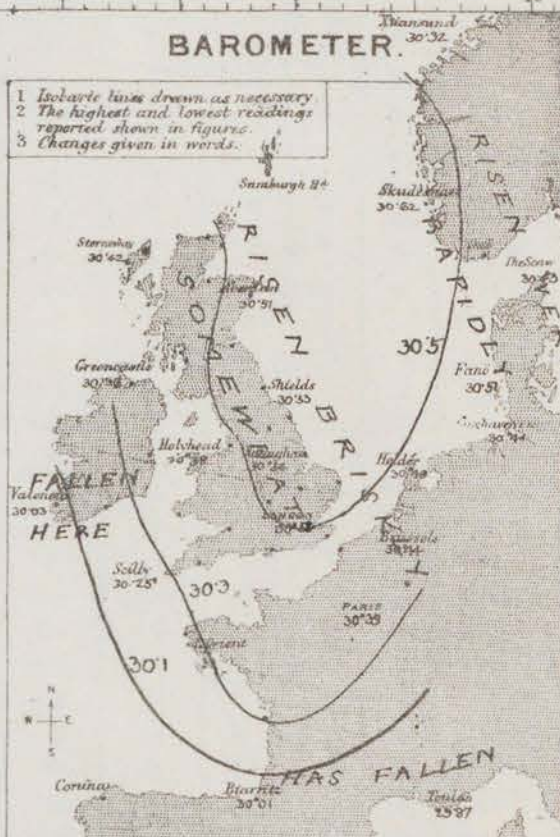
**N.B.**—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS AND REMARKS FOR TUESDAY 10<sup>TH</sup> FEBRUARY 1874 AT 8 A.M.

## BAROMETER.

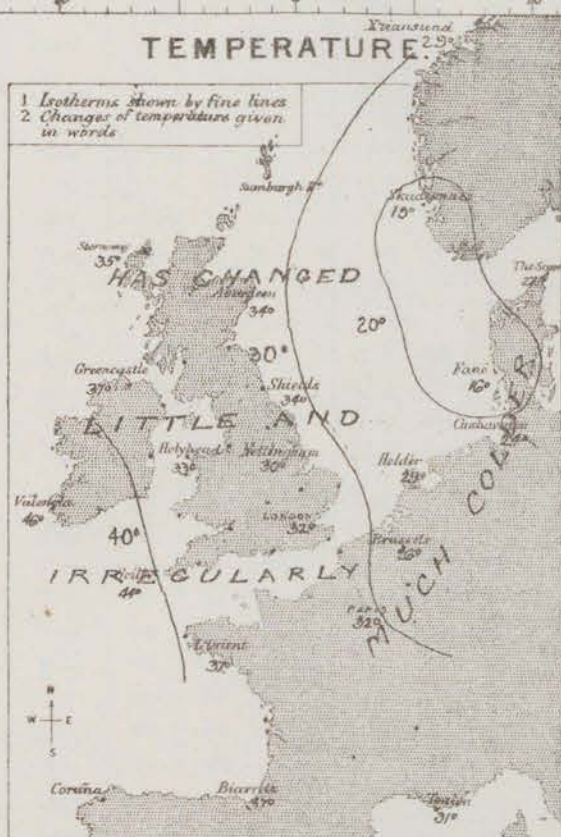
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past twenty-four hours a rapid rise of the barometer has taken place on the eastern shores of the North Sea and extended in a less degree to the coasts of Scotland during the night, while in the south of Ireland the mercury has fallen somewhat. The area of highest pressure now lies over England, the North Sea and the west of Norway, while near Ireland there are steep gradients for SSE winds.

## TEMPERATURE.

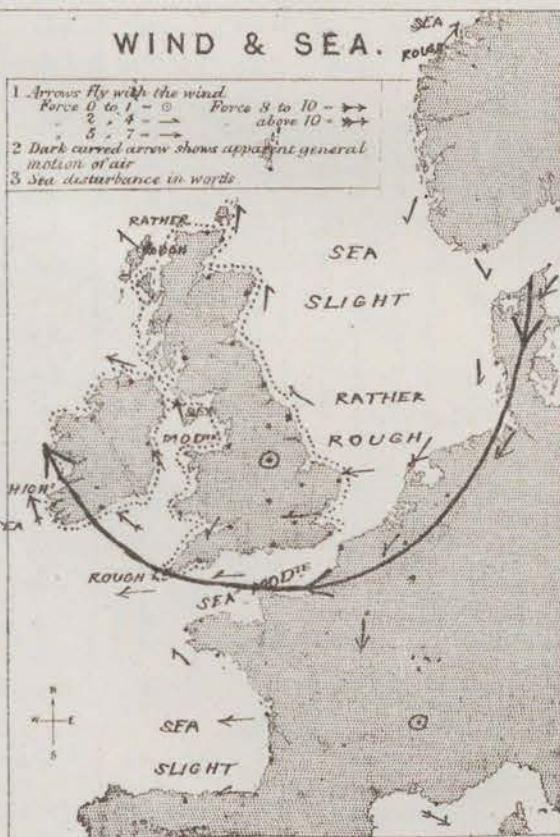
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has fallen fast at nearly all the Continental stations but changed little and irregularly in our Islands.

## WIND & SEA.

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



The SE wind at the Irish stations has increased to a moderate or fresh breeze this morning and a similar change has occurred with the NE in Holland and at Lushenn and Gronow. At our north and north-east stations moderate SSE breezes have set in but moderate E breezes prevail in the Channel and over the greater part of England. The sea is very high at Valence, rather rough in the west and south-east generally.

## CLOUD, RAIN &c.

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



Showers of snow have fallen and continued in the north and east of our Islands, and some rain in the south-west of England. The sky is very cloudy in the south-west, less so elsewhere.

Mornings milder to all but our south coasts this morning.

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 St., Westminster, S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks, Day & Son Ltd., London W.C.



Wednesday 8 a.m.

# WEATHER REPORT.

Feb. 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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.				
Haparanda ...	29.44	-.38	16	15	+4	*	*	SW	1	2	W	*	f	*	*
Hernösand ...	29.66	-.38	38	35	+23	*	*	NNN	2	2	W	*	o	*	*
Stockholm ...	29.84	-.34	30	27	+24	*	*	W	4	4	W	*	o	*	*
Wisby ...	29.99	-.09	34	30	+15	*	*	NN	8	8	NN	*	o	*	*
Christiansund ...	30.12	-.20	37	36	+8	*	*	NSW	8	7	NSW	*	o	*	7
Skudesnaes ...	30.36	-.26	33	31	+14	*	*	NN	4	4	NNN	*	o	*	2
Oxö (Xtiansand)	30.20	-.29	35	31	+15	*	*	NNN	4	4	NN	*	b	*	3
Skagen (The Skaw)	30.18	-.25	35	32	+13	*	*	NN	6	*	*	*	o	*	*
Fanö ...	30.44	-.07	32	32	+17	*	*	NNN	6	*	*	*	o	*	*
Cuxhaven ...	30.55f	+ .14	30	26	+6	?	21	W	4	4	NNE	7	o	-	?
Sumburgh Head															
Stornoway (Hebrides)	30.10f	-.32	29	24	-6	39	29	SSE	2	5	SSE	2	b	-	4
Thurso ...	30.21f	-.24	30	29	-4	39	23	S	2	3	S	5	o	-	2
Wick ...	30.22f	-.27	36	32	+1	38	29	S	2	4	S	6	o	-	2
Nairn ...	30.25f	-.24	24	24	+1	37	20	Z	0	0	Z	1	b	-	2
Aberdeen ...	30.31f	-.20	28	27	+6	36	26	SSW	1	3	S	6	o	-	2
Leith ...	30.35f	-.19	27	26	-4	39	21	S	2	3	S	5	o	-	*
Shields ...	30.43f	-.10	25	25	-9	35	22	S	4	3	S	3	b	-	3
York ...	30.50f	-.05	22	22	-8	35	21	SSE	1	2	SSE	1	o	-	*
Scarborough ...	30.48f	-.07	24	24	-8	35	22	S	3	4	SSE	3	o	-	3
Nottingham ...	30.50f	-.04	21	20	-9	37	20	SE	2	4	SE	4	o	-	*
Ardrossan ...	30.27f	-.21	26	26	-4	39	26	E	3	5	SE	6	o	-	3
Greencastle ...	30.07f	-.29	36	33	-1	38	34	SE	9	9	SE	10	o	-	*
Donaghadee ...	30.19f	-.18	35	33	-2	38	33	SSE	7	8	SSE	7	o	-	5
Kingstown ...	30.15f	-.23	37	34	-2	41	36	SE	8	10	SE	9	o	-	5
Holyhead ...	30.17f	-.21	35	30	+2	37	31	SSE	4	3	E	4	o	-	2
Liverpool (Bidston Obs.)	30.33f	-.15	24	22	-7	35	24	ESE	3	6	ESE	8	o	-	3
Valencia ...	29.70f	-.33	45	40	-1	47	40	S	8	11	SSE	9	N	0.77	9
Roche's Point ...	29.92f	-.28	41	40	-1	46	39	S	9	10	S	10	o	0.60	7
Pembroke ...	30.08f	-.24	37	33	+2	40	34	SE	9	10	SE	8	o	-	7
Portishead ...	30.35f	-.08	28	27	+1	38	25	ESE	3	6	E	7	o	-	2
Scilly ...	30.01f	-.24	39	35	-5	44	38	ESE	10	10	ESE	10	o	0.01	8
Plymouth ...	30.22f	-.20	34	32	+1	43	31	SE	6	8	SE	10	o	-	*
Portsmouth ...															
Dover ...	30.54f	+ .06	26	25	-6	33	24	S	5	6	ESE	4	o	-	5
London ...	30.49f	-.02	24	23	-8	37	22	SE	1	4	E	4	o	-	*
Oxford ...	30.45	-.05	23	23	-4	34	22	SE	2	3	S	8	o	-	*
Cambridge ...	30.50f	-.04	22	22	-4	35	20	SE	1	2	SSW	3	o	-	*
Yarmouth ...	30.56f	+ .04	28	28	-3	32	27	S	5	6	ESE	3	o	-	4
Helder ...	30.62	+ .13	22	*	-7	*	*	SW	4	*	*	*	*	*	2
Cape Gris Nez ...	30.53f	+ .12	19	19	-18	37	19	S	4	4	E	4	o	-	2
Brest ...	30.10f	-.19	32	32	-7	42	30	SE	7	7	SE	7	o	-	5
L'Orient ...	?		29	29	-8	43	28	ESE	7	8	ESE	5	o	-	6
Roche fort ...	30.28f	-.03	23	21	-9	46	21	SE	7	7	SE	0	o	-	3
Biarritz ...	30.10f	+ .09	32	30	-5	40	28	SE	5	5	E	10	o	-	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.64	+ .20	19	*	-7	*	*	E	3	*	*	*	b	*	*
Charleville ...	? 30.17	-.27	14	*	-9	*	*	E/NE	3	*	*	*	b	*	*
Paris ...	30.55f	+ .16	21	?	-11	32	19	SE	5	8	E	2	b	-	*
Lyons ...	?		39	*	+2	*	*	W	3	*	*	*	b	-	*
Toulon ...	30.35f	+ .48	49	47	+18	?	46	NE	7	8	NN	4	o	-	5

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

	Bar	Dry.	Wet.	Wind		C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.
Skudesnaes ...	30.57	30	27	NNN	4	*	0	2	Valencia ...	29.96	46	42	SSE	10	8
Thurso ...	30.45	39	33	S	2	0	6	2	Scilly ...	30.24	44	40	ESE	9	8
Scarborough...	30.60	34	31	S	4	9	0	4	London ...	30.59	34	31	ESE	3	10
Greencastle ...	30.36	38	35	SE	6	10	9	*	Roche fort ...	30.38	41	34	SE	5	10
Holyhead ...	30.36	37	35	SSE	2	1	6	2							

Pressure continues to decrease at our most SW. stations and to increase in the E.S. - most at Rochefort, while in N. no change is reported. The SE. gale has increased in force at Valencia, with a tremendous sea, and extended the SW. of England.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the 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; i. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind taken at 8 p.m. **\* AN ASTERISK** is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation. **N.B.** The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



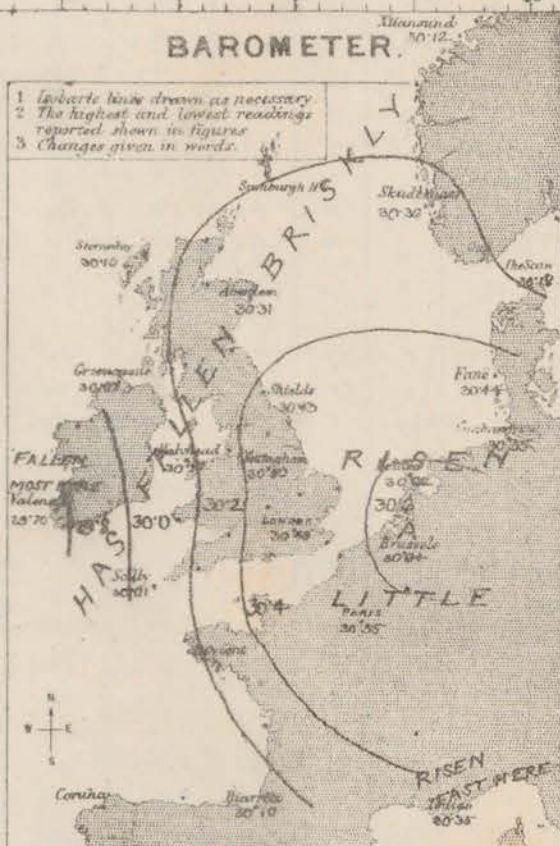
# WEATHER CHARTS

AND REMARKS FOR

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

## BAROMETER.

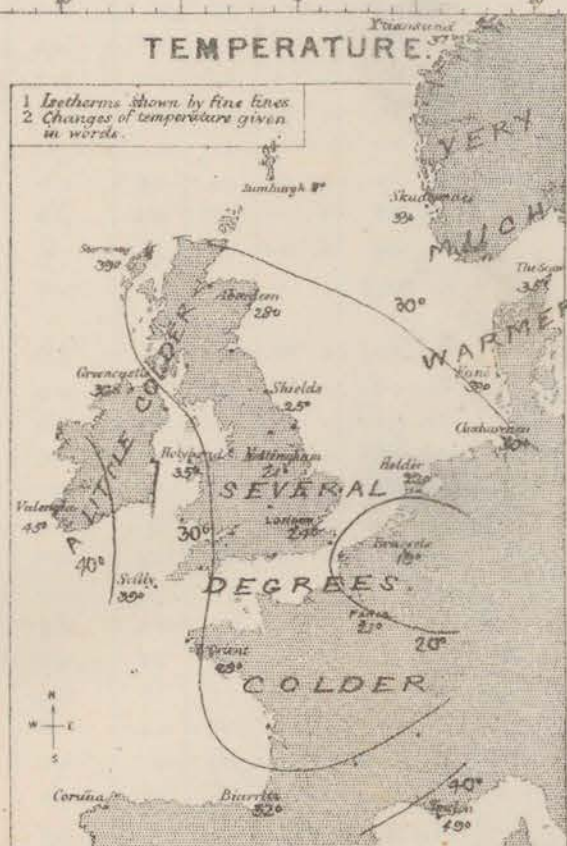
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



During the past twenty-four hours the barometer has continued to fall at our western stations while it has risen in the south east, and during the night the fall has extended to all the northern coasts. The highest readings are found over Holland, and the steepest gradients in the west are gradually extending to the East.

## TEMPERATURE.

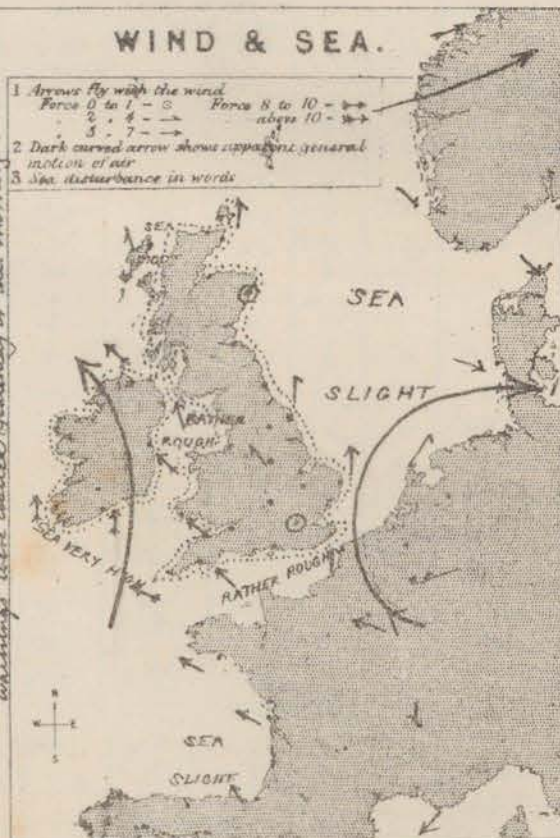
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has fallen rapidly in the south-east and to a less extent over the greater part of our Islands and west of France, while it has risen rapidly in Denmark and Norway. A very hard frost prevails in Belgium and the north-east of France, where the thermometer stands lower by 35° than at Valencia and more than 20° lower than in Norway.

## WIND & SEA.

- 1 Arrows fly with the wind  
Force 0 to 1 - - - Force 8 to 10 - - -  
2 - 4 - - - Force 11 to 15 - - -  
3 - 7 - - - Force 16 to 20 - - -
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



The S. gale in the south of Ireland has continued and extended over St. George's Channel and the north of Ireland, where a fresh SE gale has set in over the north-west of France and a WSW gale at Christened. At our most eastern stations the wind has now veered to S. The NE gale in the south has died down and the wind has shifted to W in Denmark. The sea is very high in the south-west.

## CLOUD, RAIN &c.

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



Heavy rain has set in over the south of Ireland with hail at Liffey. At the northern and eastern stations the sky continues moderately clear. Warnings were issued to nearly all our coasts yesterday, and are extended to the remaining part this morning.

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Delivery by hand 10s. per quarter  
book post 5s. per quarter.

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

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.



Thurs. day 8 a.m.

## WEATHER REPORT.

Feb: 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.		Extremo.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29.71	+ .27	23	?	+7	*	*	SW	2	1	SW	*	bc	*	*
Hernösand ...	29.99	+ .33	37	31	-1	*	*	N	2	8	NNN	*	c	*	*
Stockholm ...	30.08	+ .24	27	25	-3	*	*	N	2	6	N	*	b	*	*
Wisby ...	30.13	+ .14	35	33	+1	*	*	NN	4	6	NN	*	b	*	*
Christiansund ...	30.00	- .12	31	30	-6	*	*	SSE	2	6	NSW	*	rb	*	5
Skudesnaes ...	30.24	- .12	33	31	0	*	*	ESE	4	0	Z	*	c	*	4
Oxö (X'önsand) ...	30.24	+ .04	24	23	-11	*	*	NSW	2	?	?	*	b	*	?
Skagen (The Skaw) ...	30.25	+ .07	32	30	-3	*	*	NSW	2	*	*	*	c	*	*
Fanö ...	30.39	+ .05	33	32	0	*	*	SW	4	*	*	*	c	*	*
Cuxhaven ...	30.44f	- .11	19	15	-11	30	?	S	2	4	N	3	ob	-	?
Sumburgh Head															
Stornoway (Hebrides) ...	29.87f	- .23	40	34	-11	44	37	SSW	5	7	S	8	ow	-	6
Thurso ...	29.90f	- .31	34	32	+4	41	30	S	2	3	S	5	c	-	2
Wick ...	29.95f	- .28	39	34	+2	40	34	S	4	5	S	4	c	-	3
Nairn ...	29.95f	- .30	33	31	+9	41	24	E	1	1	E	6	bf	-	1
Aberdeen ...	30.05f	- .26	37	34	+9	37	28	S	3	3	S	3	bc	-	2
Leith ...	30.04f	- .31	31	30	+4	42	22	S	3	2	E	5	c	-	*
Shields ...	30.12f	- .31	27	27	+2	41	25	S	3	4	S	3	ob	-	2
York ...	30.05f	- .45	28	27	+6	33	22	SE	1	1	SE	5	c	-	*
Scarborough ...	30.13f	- .25	32	32	+8	34	23	ESE	4	4	SSW	1	ob	-	4
Nottingham ...	30.12f	- .38	26	25	+5	35	21	SE	1	3	SSE	4	bc	-	*
Ardrossan ...	29.98f	- .29	35	32	+9	39	26	ESE	3	6	SE	6	m	-	2
Greencastle ...	29.93f	- .14	35	34	-1	39	34	SSE	2	10	SSE	10	od	0.03	*
Donaghadee ...	29.95f	- .24	37	35	+2	40	34	SE	5	7	SE	10	o	-	4
Kingstown ...	29.92f	- .23	39	38	+2	42	37	SSE	1	10	SE	10	od	0.05	3
Holyhead ...	29.90f	- .27	36	34	+1	41	33	NE	2	4	SSE	10	bo	-	1
Liverpool (Bidston Obs.) ...	30.00f	- .33	29	26	+5	34	24	ESE	5	6	ESE	9	om	-	2
Valencia ...	29.8710	+ .17	42	41	-3	47	39	ESE	3	8	S	7	gc	0.09	5
Roche's Point ...	29.83f	- .09	42	42	+1	45	38	NE	3	9	S	9	N	0.98	6
Pembroke ...	?		41	40	+4	41	36	ESE	7	9	SE	10	o	0.02	5
Portishead ...	29.97f	- .38	38	38	+10	37	25	SE	3	6	ESE	10	g	-	2
Scilly ...	29.65f	- .36	50	49	+11	50	38	SSE	6	10	ESE	8	om	0.11	6
Plymouth ...	29.84f	- .38	45	45	+11	45	34	SE	4	8	SE	10	no	0.44	*
Portsmouth ...															
Dover ...	30.16f	- .38	31	30	+5	33	24	E	3	6	SE	0	b	-	3
London ...	30.10f	- .39	33	31	+9	37	24	ESE	1	4	E	9	mtb	-	*
Oxford ...	30.07	- .38	31	30	+8	35	23	SE	1	3	SE	10	og	-	*
Cambridge ...	30.12f	- .38	27	26	+5	33	21	SE	1	2	SE	2	bc	-	*
Yarmouth ...	30.18f	- .38	33	32	+5	35	27	SSE	6	6	SE	2	b	-	5
Heider ...	30.30	- .32	21	*	-1	*	*	N	76	*	*	*	*	*	?
Cape Gris Nez ...	30.15f	- .38	?	?	?	33	?	S	1	5	E	2	b	-	1
Brest ...	29.86f	- .24	49	49	+17	?	32	SSW	5	7	SE	10	o	0.12	4
L'Orient ...	?		47	47	+18	?	29	Z	0	8	ESE	10	on	0.35	5
Rochefort ...	30.07N	- .21	42	40	+19	44	23	SSE	5	7	SE	10	o	0.12	4
Biarritz ...	30.1210	+ .02	52	48	+20	54	32	S	4	7	S	6	c	0.08	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.23	- .36	26	*	+7	*	*	NE	3	*	*	*	b	*	*
Charleville ...	? 30.37	- .20	23	*	+9	*	*	ESE	3	*	*	*	b	*	*
Paris ...	30.21f	- .34	27	?	+6	32	21	SE	4	7	SE	8	c	-	*
Lyons ...	?		41	*	+2	*	*	S	3	*	*	*	c	*	*
Toulon ...	30.35f	00	35	30	-14	49	34	E	3	4	SE	8	os	-	4

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

	Bar.	Dry.	Wet.	Wind.		C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		C.	Wen.
Skudesnaes ...	30.34	36	34	Z	0	*	0	2	Valencia ...	29.79	45	40	S	7	9	2
Thurso ...	30.14	40	35	S	3	6	m	2	Scilly ...	29.93	43	38	ESE	10	9	0
Scarborough...	30.38	30	30	S	4	5	0	4	London ...	30.38	33	30	ESE	3	4	(S. from)
Greencastle ...	29.99	39	36	SSE	10	10	0	*	Rochefort ...	30.12	43	34	SE	7	10	0
Holyhead ...	30.13	40	35	SSE	3	5	0	2								

Onesno has begun to recover somewhat at Valencia while it has continued to decrease elsewhere most at Rochfort. The SE gale continues to blow with great force in Ireland and the SW. of England while a less heavy gale prevails in the W. of France but at our E. stations the winds are light.

## 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 greatest 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. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind.

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an average taken at 8 p.m.

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



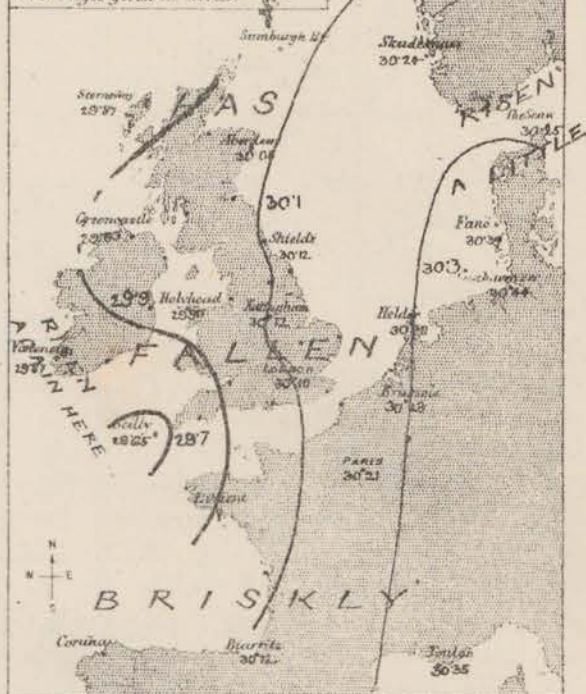
# WEATHER CHARTS

AND REMARKS FOR

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

## BAROMETER.

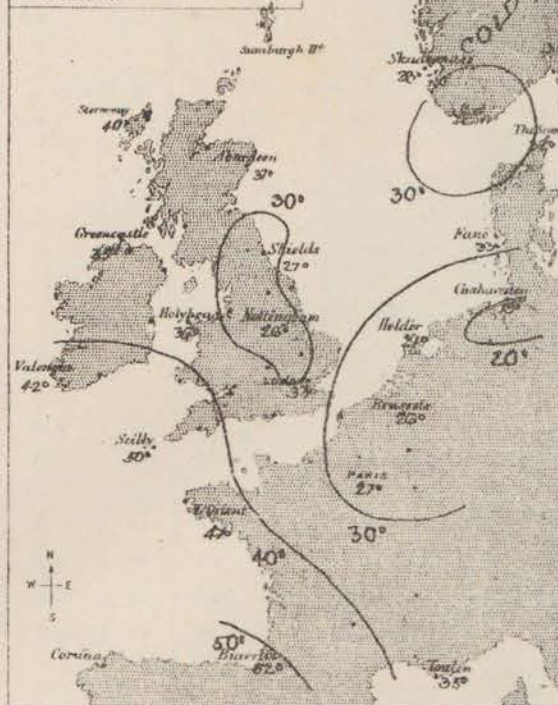
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



During the past night a well-marked but not very deep depression has advanced to the mouth of the Channel, and the barometer has fallen at nearly all stations. At Valence, however, a recovery of nearly 0.2 in. has taken place. The gradient from London to Scilly is 0.09 in. per 50 miles.

## TEMPERATURE.

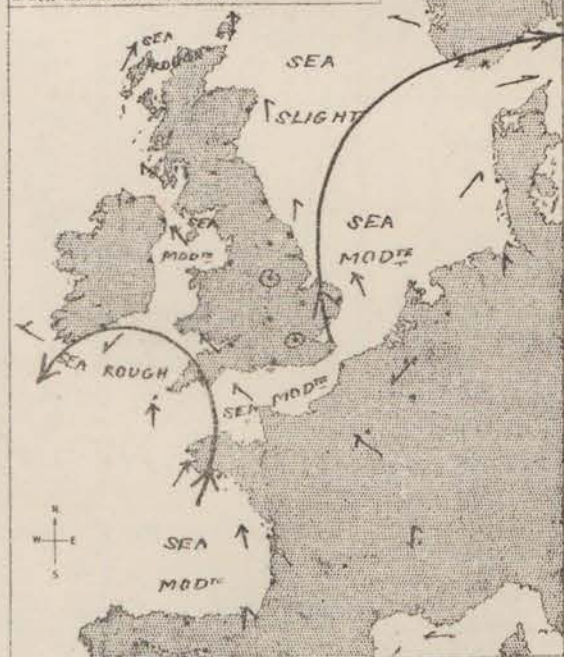
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has risen in all parts of Britain and France, very rapidly on the coast of the Bay of Biscay and at Brussels. On the eastern shores of the North Sea, however, it has fallen quickly.

## WIND & SEA.

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



The S<sup>th</sup> and SE<sup>th</sup> gales in the west have subsided. Fresh S<sup>th</sup> to SW<sup>th</sup> breeze now prevails in the Bay of Biscay, drawing into SE over England and to NE in the south of Ireland. In Scotland the wind is S<sup>th</sup>.

The sea is rough in the south west and at Stornoway.

## 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 at the southern stations. The sky is overcast except in the north and east, with rain in Ireland.

Drizzle lowered in the south this morning.

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<sup>t</sup>. Westminster S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.



Fri - day 8 a.m.

# WEATHER REPORT.

Feb: 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 ...	29.35	- 36	24	24	+ 1	*	*	SE	2	2	SE	*	cs	*	*
Hernösand ...	29.59	- 40	27	24	- 10	*	*	N	2	0	Z	*	b-	*	*
Stockholm ...	29.87	- 21	25	24	- 2	*	*	N	4	6	N	*	b	*	*
Wisby ...	30.11	- 02	30	28	- 5	*	*	WSW	2	6	WSW	*	b	*	*
Christiansund ...	29.59	- 41	29	33	+ 8	*	*	SW	6	2	WSW	*	o	*	3
Skudesnaes ...	29.79	- 45	41	41	+ 8	*	*	SSW	6	8	ESE	*	o	*	4
Oxö (X'iansand)	29.88	- 06	29	29	+ 15	*	*	SSW	4	6	WSW	*	ono	*	3
Skagen (The Skaw)	29.98	- 27	23	29	+ 1	*	*	SW	6	*	*	*	o	*	*
Fanö ...	30.04	- 35	25	32	+ 2	*	*	SSW	6	*	*	*	o	*	*
Cuxhaven ...	30.16 f	- 28	26	22	+ 7	?	18	SSW	3	2	S	2	b	-	?
Sumburgh Head															
Stornoway (Ho- brides)	29.53 f	- 34	41	29	+ 1	41	36	SW	6	6	SW	10	wg	-	6
Thurso...	29.59 f	- 31	31	30	- 3	40	31	S	1	4	S	4	ow	-	1
Wick ...	29.60 f	- 35	35	34	- 3	40	32	Z	0	4	SSW	3	cb	-	1
Nairn ...	29.61 f	- 34	33	31	0	42	32	SW	1	1	E	4	o	-	1
Aberdeen ...	29.66 f	- 39	35	34	- 2	41	35	SSW	2	7	SSW	7	gc	-	2
Leith ...	29.72 f	- 32	36	36	+ 5	40	30	S	1	2	N	10	of	0.03	*
Shields...	29.78 f	- 34	32	32	+ 5	35	26	SSW	3	5	S	8	ow	-	2
York ...	29.87 f	- 13	40	40	+ 12	?	26	S	1	1	S	10	o	0.09	*
Scarborough ...	29.84 f	- 29	38	38	+ 6	39	32	SW	3	0	SW	10	of	0.04	3
Nottingham ...	29.94 f	- 18	42	42	+ 17	46	26	SSW	3	6	SE	10	ow	0.05	*
Ardrossan ...	29.68 f	- 30	43	41	+ 8	43	35	S	2	3	ESE	8	o	-	3
Greencastle ...	29.55 f	- 33	42	41	+ 7	42	35	S	5	5	S	10	gn	0.01	*
Donaghadee ...	29.64 f	- 31	43	43	+ 6	42	36	S	5	5	SE	10	o	-	5
Kingstown ...	? 29.71 f	- 21	45	44	+ 6	46	38	S	2	2	SSE	10	d	0.28	3
Holyhead ...	29.75 f	- 15	46	45	+ 10	47	35	SSW	3	2	NE	6	dwn	0.10	2
Liverpool (Bidston Obs.)	29.85 f	- 15	41	39	+ 12	43	29	SSE	2	4	ESE	4	ow	0.02	2
Valencia ...	29.64 f	- 23	49	47	+ 7	52	39	WSW	3	3	N	4	ow	0.48	2
Roche's Point ...	29.66 f	- 17	48	48	+ 6	48	39	SW	7	7	SW	9	n	0.32	5
Pembroke ...	29.74 n		48	46	+ 7	48	40	SSW	6	7	ESE	10	mfo	0.11	4
Portishead ...	29.76 n	- 01	45	44	+ 7	49	35	WSW	3	6	SSE	4	gc	0.11	3
Scilly ...	29.91 s	- 26	50	49	0	51	47	SSW	6	6	SSW	9	ow	0.02	5
Plymouth ...	30.00 n	+ 76	49	48	+ 3	50	45	S	3	7	SW	10	fg	0.05	*
Portsmouth ...															
Dover ...	30.12 n	- 04	45	43	+ 14	45	29	SW	5	5	SSW	6	ow	0.01	5
London ...	30.05 s	- 06	47	45	+ 14	48	33	SW	3	5	SSW	9	ogfo	0.03	*
Oxford ...	30.00	- 07	45	44	+ 14	47	31	SSW	2	5	SW	8	go	0.01	*
Cambridge ...	?		43	42	+ 16	46	25	SW	1	2	SSW	10	co	-	*
Yarmouth ...	30.09 f	- 09	46	44	+ 11	44	33	SSW	4	5	SSE	7	bc	-	4
Helder ...	30.09	- 21	39	*	+ 18	*	*	SSW	6	*	*	*	*	*	5
Cape Gris Nez...	30.10 f	- 05	42	42	?	47	28	SSW	5	5	S	10	co	-	3
Brest ...	30.08 f	+ 22	49	49	0	52	47	SSW	4	5	SSW	10	o	0.04	4
L'Orient ...	?		47	47	0	57	46	SW	3	3	SW	6	bc	0.12	5
Rochefort ...	30.28 n	+ 21	41	39	- 1	50	? 27	S	4	7	S	2	of	-	5
Biarritz ...	30.28 n	+ 16	47	45	- 5	54	43	S	4	5	S	3	o	-	1
Cornuna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.19	- 09	41	*	+ 15	*	*	SW	3	*	*	*	o	*	*
Charleville ...	? 30.38	+ 01	35	*	+ 12	*	*	? E	6	*	*	*	o	*	*
Paris ...	30.28 n	+ 07	39	?	+ 12	41	? 27	S	4	5	S	9	ow	-	*
Lyons ...	?		42	*	+ 1	*	*	S	0	*	*	*	b	*	*
Toulon...	30.42 n	+ 07	39	34	+ 4	44	35	E	7	5	E	9	co	-	7

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

	Bar	Dry	Wet	Wind	C.	Wen	Sea.		Bar	Dry	Wet	Wind	C.	Wen
Skudesnaes ...	30.15	36	34	SSE	6	*	5	Valencia ...	29.91	46	43	N	3	5
Thurso ...								Scilly ...	29.74	51	50	N	5	8
Scarborough...	30.05	36	34	SW	3	9	5	London ...	30.06	42	40	SE	1	10
Greencastle ...	29.99	39	38	SW	4	9	5	Rochefort ...	30.18	46	42	S	7	10
Holyhead ...	29.90	39	38	NE	1	10	d							

Pressure has increased at the N and S stations but decreased elsewhere. The wind is shifting to the N<sup>W</sup> on all our coasts, as the depression in the SW is apparently being filled up. -

## 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 strong 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. light 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; taken at 8 p.m.

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



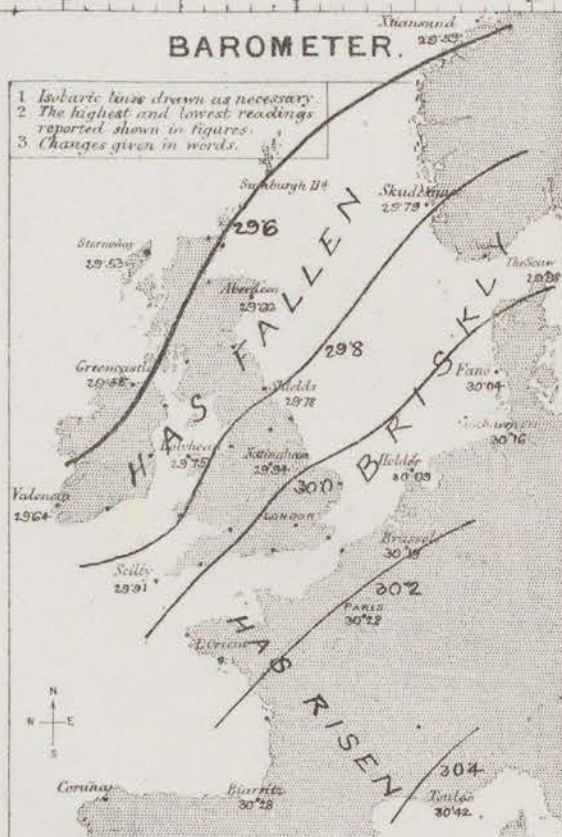
# WEATHER CHARTS

AND REMARKS FOR

FRI DAY 13<sup>TH</sup> FEBRUARY 1874 AT 8 A.M.

## BAROMETER.

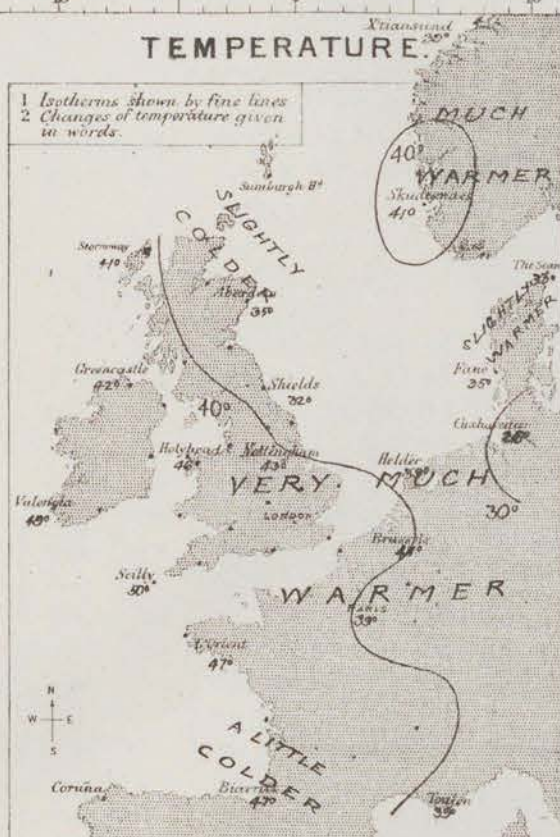
1. Isobars line drawn as necessary.
2. The highest and lowest readings reported shown in figures.
3. Changes given in words.



The changes in the distribution of pressure, temperature and wind during the past 24 hours have been very considerable. The depression which lay off our south-west coasts yesterday morning has disappeared entirely, while the new decrease which had commenced in the north and north-west has continued and extended to nearly all parts of western Europe. Readings are now highest in the south of France, and the gradient from Paris to Brecon is 0.07 in. per 50 miles.

## TEMPERATURE.

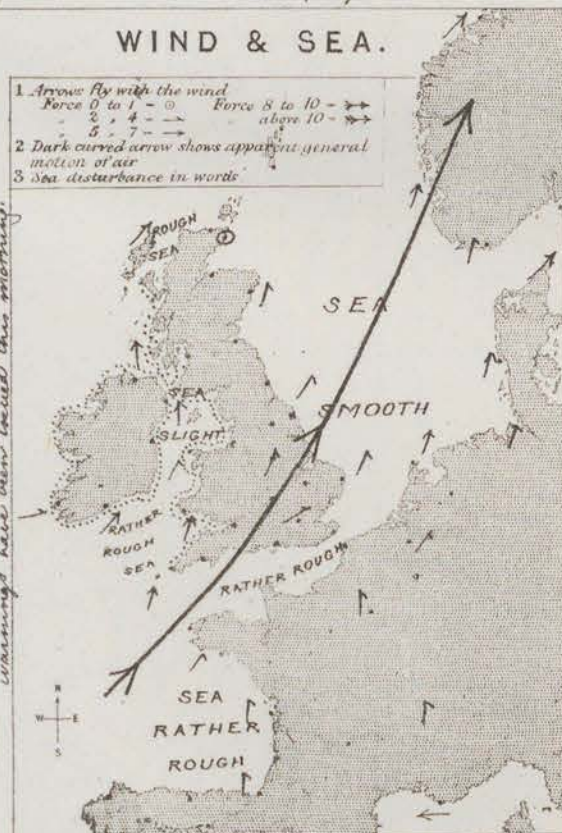
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.



Temperature has again increased except in the north - very rapidly at the English, French and Dutch stations - and is now high generally.

## 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.



Note: A dotted line is drawn round these coasts to which warnings have been issued this morning.

S<sup>W</sup> to S<sup>W</sup> winds have become general. In force they are light at the northern stations, moderate to fresh generally elsewhere, but strong at Roches P<sup>te</sup>.

The sea is rough at Stornoway, rather so at the south-western stations.

## 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 except at the northern stations and over France and continues at some of the western ports. The sky is very cloudy except in the north-east of Scotland and north-west of England, and the weather is not at all settled.

Warnings issued to our western coasts.

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

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

ROBERT H. SCOTT, Director.

Vincent Brooks, Day & Son Ltd, London W.C.



Saturday day 8 a.m.

# WEATHER REPORT.

Feb'y: 14<sup>th</sup> 1874.

STATIONS.	BAROMETER		THERMOMETERS (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremo.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force (0 to 12.)	Force (0 to 12.)	Direc.				
Haparanda ...	29.49	+ .14	4	3	-20	*	*	NN	6	6	NE	*	ob	*	*
Hernösand ...	29.62	+ .03	22	21	-5	*	*	NE	4	4	N SN	*	br	*	*
Stockholm ...	29.52	- .35	38	37	+13	*	*	N	4	6	?	*	on	*	*
Wisby ...	29.76	- .35	39	36	+9	*	*	SN	6	8	SSN	*	o	*	*
Christiansund ...	29.47	- .12	38	38	-1	*	*	Z	0	6	SN	*	co	*	4
Skudesnaes ...	29.55	- .24	43	42	+2	*	*	S	6	4	SSN	*	co	*	4
Oxö (X'tiansand)	29.62	- .26	41	48	+2	*	*	SSN	6	6	SN	*	n	*	4
Skagen (The Skaw)						*	*				*	*	*	*	4
Fanö ...						*	*				*	*	*	*	4
Cuxhaven ...	29.95f	- .21	41	40	+15	?	24	SN	5	5	SN	9	o	-	?
Sumburgh Head															
Stornoway (He- brides)	28.45f	- .58	46	44	+5	?	39	S	7	7	S	4	pe	0.24	8
Thurso ...	29.12f	- .47	43	41	+12	45	30	SSE	2	3	S	7	og	0.04	2
Wick ...	29.15f	- .45	45	43	+10	45	33	S	4	4	S	10	co	-	3
Nairn ...	29.12f	- .49	47	44	+14	47	35	SN	1	1	N SN	5	c	-	1
Aberdeen ...	29.27f	- .39	43	42	+8	45	35	S	6	6	S	9	o	-	4
Leith ...	29.31f	- .41	49	46	+10	52	36	N	5	4	N	8	co	0.04	*
Shields ...	29.46f	- .32	44	42	+12	45	32	N SN	6	6	N SN	8	co	-	3
York ...	29.61f	- .26	46	44	+6	47	39	S	2	2	S	8	o	0.03	*
Scarborough ...	29.56f	- .28	45	43	+7	47	38	SSN	5	4	SSN	9	o	0.01	5
Nottingham ...	29.66f	- .28	47	45	+4	51	42	SSN	5	6	SSN	8	kw	0.05	*
Ardrossan ...	29.27f	- .41	47	45	+4	48	42	SSN	6	6	SSN	6	co	0.23	5
Greencastle ...	29.19f	- .36	45	43	+2	46	41	SN	7	7	SN	2	b	0.21	*
Donaghadee ...	29.39f	- .25	45	44	+2	51	43	S	6	8	S	2	ob	0.06	4
Kingstown ...	29.38f	- .33	47	44	+2	54	44	? E	? 1	5	N	7	c	0.09	3
Holyhead ...	29.44f	- .31	47	46	+1	50	46	SSN	4	6	SSN	10	km	0.24	3
Liverpool (Bidston Obs.)	29.54f	- .31	46	43	+5	51	41	SE	3	6	SSN	10	co	-	3
Valencia ...	29.30f	- .34	48	46	-1	53	43	SSN	4	8	SSN	6	co	0.16	4
Roche's Point ...	29.37f	- .29	48	47	0	51	47	SN	5	7	S	8	o	0.26	5
Pembroke ...	29.48f	- .26	48	47	0	50	46	S	7	7	SN	10	on	0.19	6
Portishead ...	29.63f	- .33	49	47	+4	51	44	N SN	7	7	N SN	10	w	0.15	4
Scilly ...	29.54f	- .32	51	50	+1	53	48	SSN	6	7	SSN	9	om	0.09	6
Plymouth ...	29.70f	- .30	50	50	+2	51	47	SSN	4	5	SN	10	kw	0.07	*
Portsmouth ...															
Dover ...	29.88f	- .24	45	44	0	46	43	SSN	5	6	N SN	5	wo	0.03	5
London ...	29.80f	- .25	49	47	+2	50	47	SSN	5	6	SSN	9	odg	0.02	*
Oxford ...	29.74f	- .26	49	46	+4	50	45	S	3	4	SSN	10	wo	0.02	*
Cambridge ...	29.75f		46	44	+3	51	42	SSN	2	4	SSN	7	po	0.01	*
Yarmouth ...	29.82f	- .27	45	45	+1	48	43	SSN	4	6	SSN	8	cqo	0.06	4
Helder ...	29.40	- .19	42	*	+3	*	*	SSN	6	*	*	*	*	*	4
Cape Gris Nez ...	29.93f	- .17	42	40	0	46	40	SSN	5	5	SSN	9	o	-	4
Brest ...	29.82f	- .26	50	48	+1	51	48	SSN	5	5	SSN	10	rf	0.16	5
L'Orient ...	?		50	50	+3	57	46	SN	5	7	SN	10	o	-	5
Rochefort ...	30.10f	- .18	42	42	+1	55	39	S	5	5	S	5	o	-	3
Biarritz ...	30.15f	- .13	52	50	+5	57	47	S	5	7	S	2	b	-	4
Cornwall ...			*	*		*	*				*	*	*	*	
Brussels ...	30.03	- .16	44	*	+3	*	*	N SN	3	*	*	*	c	*	*
Charleville ...	? 30.17	- .21	38	*	+3	*	*	SE	3	*	*	*	c	*	*
Paris ...	30.11f	- .17	48	?	+9	51	39	SN	4	5	SN	7	oc	-	*
Lyons ...	?		45	*	+3	*	*	N	3	*	*	*	b	*	*
Toulon ...	30.32f	- .10	43	41	+4	43	31	E	7	8	E	10	o	-	7

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

	Bar	Dry	Wet.	Wind.	C.	Wen.	Sea.		Bar	Dry.	Wet.	Wind.	C.	Wen.	Sea.
Skudesnaes ...					*			Valencia ...	29.67	52	50	NSN	4	8	g
Thurso ...	29.40	44	40	SSN	2	0	bm	2	Scilly ...	29.87	53	52	SN	6	7
Scarborough ...	29.74	46	45	SSN	4	10	n	4	London ...	29.99	49	47	SSN	2	10
Greencastle ...	29.55	45	43	NSN	6	2	b	*	Rochefort ...	30.27	52	52	S	5	6
Holyhead ...	29.64	49	48	SSN	6	4	nco	4							

Pressure has begun to recover a little in Ireland but has continued to decrease elsewhere, most in Scotland. The wind has freshened from the SW in the NW but is still light in the E.

Warnings were issued to our W. coasts this morning.

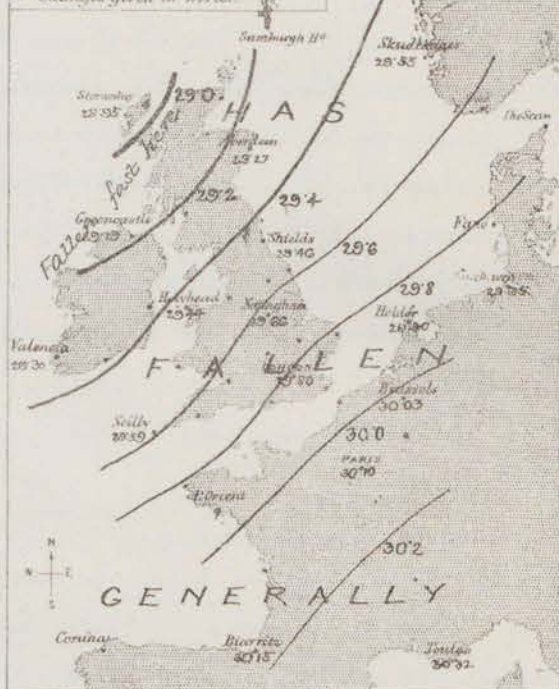
## EXPLANATION OF COLUMNS.

**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. light 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, taken at 8 p.m.

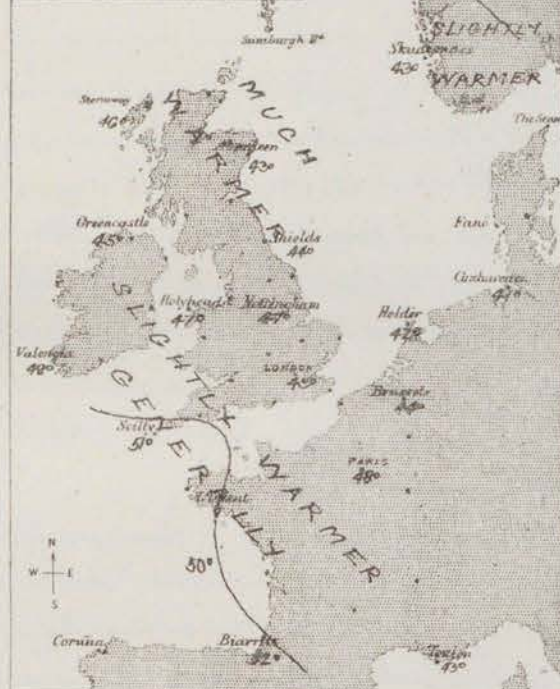
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction



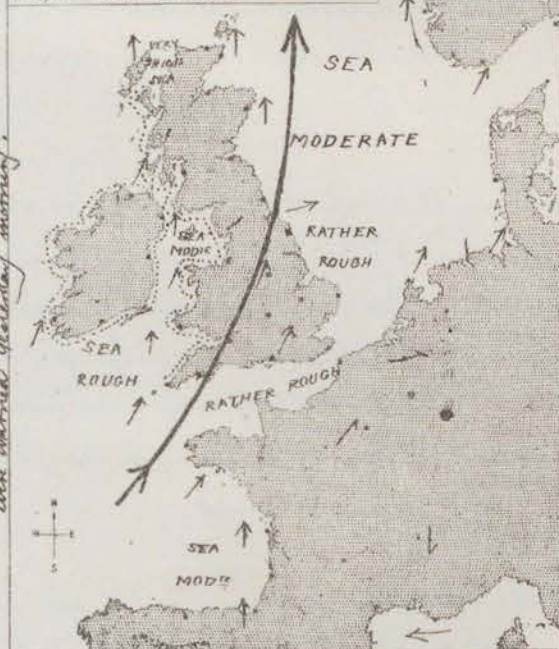
SATURDAY 14<sup>TH</sup> FEBRUARY 1874 AT 8 A.M.



Since yesterday morning the barometer has again fallen at all stations, most in the north and west, the recovery noticed in the south of Ireland yesterday morning having been of a very temporary character. The highest readings still lie over the south-east of France, the gradient from Paris to Stornoway being 0.10 in. per 50 miles.



Temperature has increased at all stations and is very high generally.



Note A dotted line is drawn round those coats which were worn yesterday morning.

The S<sup>th</sup> wind has increased in force during the night, having reached the force of a moderate gale in Ireland and the west of England, and a fresh breeze elsewhere.

The sea is very high at Stormorway, rough at the western and northern stations generally, moderate elsewhere.



Rain has fallen over our Islands (except in the east of Scotland) and also in the south of Norway and north-west of France. The day is very cloudy generally and the weather unsettled.

Yarrings were issued to our west coast yesterday morning.

*Subscription for these Charts payable in advance  
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Meteorological Office  
116, Victoria Str.<sup>t</sup>. Westminster S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.



# SUMMARY OF WEATHER IN WESTERN EUROPE

FROM FEBRUARY 8<sup>TH</sup> TO FEBRUARY 14<sup>TH</sup> 1874.

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

The chief feature of the week has been a struggle between the Polar and Equatorial currents, we had first a depression passing over Denmark on the 9<sup>th</sup> causing heavy N<sup>E</sup> gales <sup>there</sup> and fresh winds from the same quarter on our coasts. A rapid recovery of the barometer over Scandinavia on the 10<sup>th</sup> produced a violent N<sup>E</sup> gale at Swinemunde in the Baltic and by next morning a heavy storm from S<sup>E</sup> set in suddenly over Ireland. It lasted throughout the 11<sup>th</sup> but scarcely affected any part of St. Britain except the Cornish coast. Southwesterly winds then succeeded and at the end of the week a violent S<sup>E</sup> gale was reported from the Minch but it did not extend to the E. of Scotland. Temperature was subject to sudden changes especially in England, a hard frost having prevailed from the 9<sup>th</sup> to the 11<sup>th</sup> when the weather grew milder with rain.

FEB: 8<sup>TH</sup> - The depression which had been noticed in the S. of Norway on the previous day had advanced over Denmark where the mercury had fallen very rapidly causing heavy N<sup>E</sup> gales. In these Islands the winds were light and varied in direction between N<sup>E</sup> and N<sup>W</sup>. owing to local differences in the distribution of pressure. Temperature was low but a considerable rise had occurred over the centre and East of England.

FEB: 9<sup>TH</sup> - Pressure had recovered over Denmark, where the gale had moderated, but a fresh fall over the region of the Skager Rack had caused the N<sup>E</sup> winds to increase again and in these Islands a tongue of high pressure extended from Scotland southwards to the Channel while the barometer began to give way in the west. Temperature in the S<sup>E</sup> of England fell as rapidly as it had risen, and a hard frost set in while snow was reported from the N<sup>W</sup> stations. The barometer continued to fall in the West during the day, but its rate gave but little sign of what was coming.

FEB: 10<sup>TH</sup> The anticyclone had moved E<sup>st</sup> and lay over the North Sea, the increase of pressure over the S. of Norway was nearly an inch <sup>causing a severe N<sup>E</sup> gale on the N. shores of Denmark</sup> while the barometer had fallen about 0.2 ins. at Valencia and a violent S<sup>SE</sup> gale had set in since midnight on the S. coast of Ireland, accompanied by a considerable freshening of the wind from the E<sup>st</sup> in the Channel while the sky cleared generally over St. Britain. Temperature was so low in England that the gale could not advance and consequently though it blew with great violence over Ireland it was strictly confined to our N<sup>W</sup> and S<sup>W</sup> stations. Aurora was reported from the N. of Scotland at night.

FEB: 11<sup>TH</sup> A slight general decrease of pressure at the N<sup>W</sup> and E<sup>st</sup> stations with a rise in the S<sup>E</sup>. checked the E<sup>st</sup> winds and caused the direction of the gale to turn to the S<sup>W</sup> from which point it continued till it had blown itself out without advancing further E<sup>st</sup> than Plymouth. Temperature continued very low in England but heavy rain fell in the S. of Ireland.

FEB: 12: A considerable local fall of the barometer had occurred over the Channel and the wind had a tendency to draw round an area of low pressure situated near Scilly, the weather became



warmer in St Britain, and considerably so in the N. of France while the wind fell lighter being SE<sup>1</sup> except in the extreme N. where a S<sup>2</sup> current began to make its appearance under the influence of a fresh depression lying outside of the Hebrides.

FEB: 13<sup>TH</sup>. — The Northern depression advanced to the coast of Norway while at the same time the barometer rose briskly at the entrance of the Channel and moderate southwesterly winds became prevalent and a considerable rise of temperature was noticed all over England Rain becoming pretty general.

FEB: 14<sup>TH</sup>. A serious fall of the barometer was reported at Stornoway with a southerly gale and a very high sea. At all other stations the barometer had given way and the winds had backed to the S<sup>W</sup>, blowing with some force in St Georges Channel. This gale was very local and before night it was evident that it would produce no serious consequences. —

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#### NOTICE.

The Meteorological Committee have resolved to commence the issue of lithographed copies of the 24 hourly Tabulated Readings, taken at their 7 Observatories, for every element which is observed continuously, commencing with Jan<sup>y</sup>: 1<sup>st</sup> 1874. The sheets will be issued Quarterly and the issue will be a limited one.

The subscription for a copy is £1.0.0 per annum, to cover a portion of the expense of production. —

The sheets will not be distributed with the publications of the Office. —



Sun-day 8 a.m.

## WEATHER REPORT.

Feb'y. 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 Distur- bance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dires.	Force. (0 to 12.)	Force. (0 to 12.)	Dires.				
Haparanda ...	30.07	+ .58	-6	-8	-10	*	*	SE	2	2	N	*	b	*	*
Hernösand ...	29.99	+ .37	24	23	+2	*	*	S	8	?	?	*	s	*	*
Stockholm ...	29.96	+ .44	29	28	-9	*	*	ESE	2	8	ESE	*	os	*	*
Wisby ...	30.04	+ .28	36	36	-2	*	*	S	4	4	SN	*	o	*	*
Christiansund ...	29.36	- .11	43	39	+5	*	*	?	2	4	ESE	*	s	*	3
Skudesnaes ...	29.47	- .08	42	42	0	*	*	SSE	8	6	SSE	*	ov	*	7
Oxö (X'tiansand)	29.63	+ .01	41	40	0	*	*	SSE	6	6	SSW	*	fo	*	4
Skagen (The Skaw)	29.77	+ .07	38	38	-2	*	*	SSW	6	*	*	*	o	*	*
Fanö ...	29.75	- .07	39	37	-1	*	*	SSW	6	*	*	*	o	*	*
Guxhaven ...	29.81f	- .14	37	36	-4	47	?	S	3	3	SN	5	oo	-	?
Sumburgh Head															
Stornoway (He- brides.)	29.07h	+ .12	43	42	-3	47	36	S	2	10	SSW	7	po	0.19	4
Thurso...	29.10h	- .02	38	38	-5	51	30	SSE	1	6	S	6	bm	0.02	1
Wick ...	? 29.15f	- .00	43	42	-2	50	40	S	2	4	SSW	3	b	-	2
Nairn ...	29.15f	+ .03	42	39	-5	52	38	SN	1	7	SN	0	b	-	1
Aberdeen ...	29.20s	- .07	42	41	0	48	40	S	2	6	S	7	c	0.03	2
Leith ...	29.20f	- .11	43	42	-6	54	41	S	2	5	N	7	c	0.06	*
Shields...	29.20f	- .16	43	42	-1	49	41	S	2	5	SSW	8	dco	0.01	3
York ...	29.25f	- .26	44	43	-2	52	42	S	1	3	SSW	9	o	0.12	*
Scarborough ...	29.24f	- .22	45	44	0	50	44	SSW	3	5	SSW	8	o	0.06	4
Nottingham ...	29.28f	- .28	46	45	-1	54	45	S	2	7	SSW	9	no	0.38	*
Ardrossan ...	29.13f	- .14	46	40	-1	50	45	SSE	4	6	SSW	5	c	0.06	4
Greencastle ...	29.09f	- .10	42	41	-3	48	41	SN	5	7	SN	10	co	0.04	*
Donaghadee ...	29.11f	- .28	42	42	-3	51	42	SSW	4	6	S	8	c	0.04	2
Kingstown ...	29.11f	- .27	45	42	-2	54	44	SN	?4	4	S	8	om	0.18	2
Holyhead ...	29.17f	- .27	46	45	-1	49	44	S	4	4	SSW	6	nm	0.27	4
Liverpool (Bidston Obs.)	29.27f	- .27	43	42	-3	50	42	SE	3	4	S	3	ob	0.05	2
Valencia ...	29.15h	- .15	49	49	+1	51	40	N	4	4	NW	7	?	0.29	4
Roche's Point...	29.12f	- .24	46	45	-2	49	43	SN	2	6	SN	4	c	0.02	4
Pembroke ...	29.21f	- .27	47	46	-1	49	45	S	5	7	S	7	q/p	0.48	5
Portishead ...	29.23f	- .30	45	44	-4	54	43	N	5	8	NW	7	q/o	0.27	4
Scilly ...	29.29f	- .30	48	47	-3	52	45	SSW	6	7	SN	7	og	0.39	1
Plymouth ...															*
Portsmouth ...															
Dover ...	29.52f	- .36	45	44	0	47	42	SSW	5	6	SSW	6	bu	0.03	5
London ...	29.46f	- .34	48	46	-1	52	47	SSW	3	8	SN	10	q/o	0.05	*
Oxford...	29.41	- .33	45	44	-4	53	45	S	1	6	SSW	3	ob	0.40	*
Cambridge ...	29.43f	- .32	47	45	+1	53	45	SSW	3	4	S	10	co	0.01	*
Yarmouth ...	29.52f	- .30	44	43	-1	47	42	S	6	6	SSW	8	q/o	-	4
Helder ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Cape Gris Nez...	29.53f	- .40	45	45	+3	51	41	S	5	5	SSW	10	o	0.08	4
Brest ...	29.50f	- .32	49	47	-1	52	45	SN	5	7	SSW	1	fb	0.36	5
L'Orient ...	?		48	48	-2	56	46	NW	5	7	NW	5	oo	0.12	6
Rochefort ...	29.74f	- .36	48	44	+6	55	39	SSW	5	5	S	10	o	0.20	3
Biarritz ...	29.82f	- .33	50	48	-2	55	48	SE	1	5	S	10	om	0.12	6
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.69	- .34	49	*	+5	*	*	S	6	*	*	*	o	*	*
Charleville ...	? 29.81	- .36	42	*	+4	*	*	E	6	*	*	*	c	*	*
Paris ...	29.69h	- .42	46	?	-2	54	44	S	5	?	?	10	o	0.04	*
Lyons ...	?		52	*	+7	*	*	SN	6	*	*	*	o	*	*
Toulon...															

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.
Skudesnaes ...	29.52	43	43	SSE	6	*	5	Valencia ...	29.20	52	50	SSW	3	5
Thurso ...	29.02	50	44	S	6	2	5	Scilly ...	29.47	52	51	SN	6	7
Scarborough ...	29.49	50	47	SSW	5	9	5	London ...	29.70	51	49	S	4	9
Greencastle ...	29.18	48	45	SN	4	7	c	Rochefort ...	30.03	53	51	S	7	10
Holyhead ...	29.31	47	46	SSW	2	10	h							

Pressure continues to decrease generally. The wind has freshened in the N. and E. but moderated in the N. but the weather continues unsettled. -

## 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; i. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. weather.

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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



SUN DAY 15<sup>TH</sup> FEBRUARY 1874 AT 8 A.M.



During the past day the barometer has continued to fall at all stations; but since last evening a recovery has set in at Stornoway while at the southern stations the decrease has become more brisk. The region of lowest pressures still lies off our northwest coasts, and the gradient from Aechard to Stornoway is about 0.06 in. per 50 miles.



Temperature has risen a little in Belgium and the north east of France, but elsewhere the changes have been slight and irregular.



S<sup>W</sup> and SSW winds are still general but they have moderated considerably in our islands, while on the eastern shores of the North Sea they continue fresh to strong. A fresh, squally SW gale blew over the south of England last evening. The sea is rough in the Bay of Biscay, rather so on our south-west coasts, moderate to smooth elsewhere.



Rain has fallen at almost all stations. The sky is cloudy in most parts.

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

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.



Mon- day 8 a.m.

# WEATHER REPORT.

Feb- 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 ...	29.49	-.58	28	28	+34	*	*	S	4	4	S	*	o	*	*
Hernösand ...	29.56	-.42	34	33	+10	*	*	SSW	2	6	S	*	oc	*	*
Stockholm ...	29.73	-.23	36	34	+7	*	*	S	4	2	S	*	o	*	*
Wisby ...	29.92	-.12	35	33	-1	*	*	S	2	2	S	*	b	*	*
Christiansund ...	29.30	-.26	40	39	-3	*	*	ESE	2	0	L	*	o	*	4
Skudesnaes ...	29.32	-.15	42	42	-1	*	*	SE	6	6	SSE	*	no	*	4
Oxö (X'iansand)	29.42	-.15	41	?	0	*	*	S	6	6	S	*	o	*	5
Skagen (The Skaw)	29.60	-.17	38	37	0	*	*	S	6	*	*	*	o	*	*
Fanö ...	29.58	-.17	39	39	0	*	*	S	6	*	*	*	o	*	*
Cuxhaven ...	29.68f	-.13	43	42	+6	?	35	SSW	3	3	S	8	o	-	?
Sumburgh Head															
Stornoway (Hebrides)	29.24f	+ .17	38	37	-5	45	35	N	1	2	SE	2	pb	0.04	4
Thurso...	29.16h	+ .06	38	37	0	50	38	SW	1	2	S	5	o	0.01	2
Wick ...	29.21h	+ .16	36	35	-7	48	31	L	0	3	S	4	o	0.01	0
Nairn ...	29.26h	+ .11	37	34	-5	49	31	L	0	1	SW	0	ob	-	1
Aberdeen ...	29.27h	+ .07	36	35	-7	46	35	WSW	1	2	SSW	3	cm	0.01	1
Leith ...	29.34h	+ .14	39	37	-4	51	33	N	3	2	SW	4	oc	-	*
Shields...	29.37h	+ .07	42	40	-1	49	40	WSW	5	5	SSE	8	do	0.02	3
York ...	29.43h	+ .08	40	39	-4	52	38	SW	1	1	S	9	co	-	*
Scarborough ...	29.42h	+ .08	40	39	-5	49	39	WSW	2	3	SSW	2	ob	-	2
Nottingham ...	29.44h	+ .06	45	44	-1	53	44	SSW	1	5	SSW	10	wn	0.01	*
Ardrossan ...	29.37h	+ .24	45	43	-1	49	40	NNW	1	4	SSE	6	o	0.04	0
Greencastle ...	29.42h	+ .33	41	40	-1	44	40	WSW	3	5	SW	4	o	0.12	*
Donaghadee ...	29.38h	+ .27	40	39	-2	48	37	N	3	4	SSW	4	bo	-	2
Kingstown ...	29.45h	+ .34	41	39	-4	49	41	N	3	1	NNE	3	gt	0.07	3
Holyhead	29.43h	+ .26	44	43	-2	48	43	NNW	2	4	SSW	4	ro	0.59	2
Liverpool (Bidston Obs.)	29.44h	+ .17	42	41	-1	51	40	WSW	2	4	SE	9	co	0.20	1
Valencia ...	29.61h	+ .46	47	45	-2	52	44	NNW	4	4	N	6	ro	0.77	5
Roche's Point...	29.56h	+ .43	43	42	-3	50	40	NNW	3	5	SW	3	b	0.18	4
Pembroke ...	29.48h	+ .27	45	43	-2	49	42	NNW	2	5	SW	8	po	0.33	5
Portishead ...	29.40h	+ .07	42	42	-3	54	40	NNW	5	6	WSW	10	go	0.18	4
Scilly ...	29.59h	+ .30	48	45	0	51	47	NN	5	6	WSW	6	gp	0.06	6
Plymouth ...	29.54h		45	45		53	43	NN	1	3	WSW	6	pf	0.24	*
Portsmouth ...															
Dover ...	29.56h	+ .04	45	44	0	47	43	SSW	4	5	SSW	5	o	0.04	3
London ...	29.51h	+ .05	48	46	0	54	45	SSW	3	5	SW	8	ob/p	0.02	*
Oxford...	29.44	+ .03	46	45	+1	51	44	S	2	3	SSW	10	pmv	0.04	*
Cambridge ...	29.48h	+ .05	43	43	-4	50	41	S	1	2	S	7	pc	0.06	*
Yarmouth ...	29.50h	+ .01	43	43	-1	47	42	SSW	4	5	S	4	mc	-	3
Helder ...	29.59		42	*	*	*	*	S	6	*	*	*	*	*	4
Cape Gris Nez...	29.50h	+ .07	43	41	-2	50	42	SSW	5	5	SSW	9	omv	-	3
Brest ...	29.65h	+ .15	49	47	0	52	40	N	3	5	SW	10	bo	0.12	5
L'Orient ...	?		46	44	-2	56	44	WSW	3	5	WSW	5	rb	-	5
Rochefort ...	29.80h	+ .06	46	42	-2	54	43	WSW	4	5	WSW	10	o	0.20	5
Biarritz ...															
Corunna ...			*	*	*	*	*			*	*	*		*	*
Brussels ...	29.68	-.01	47	*	-2	*	*	SW	3	*	*	*	o	*	*
Charleville ...	? 29.83	+ .02	42	*	0	*	*	WSW	?	*	*	*	o	*	*
Paris ...	29.75h	+ .06	41	?	-5	53	41	S	4	7	SSW	10	o	-	*
Lyons ...	?		47	*	-5	*	*	?	?	*	*	*	o	*	*
Toulon...	29.88f		43	43		50	43	SE	7	7	SE	10	o	0.26	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.
Skudesnaes ...	29.47	42	42	SSE	6	*	no	7.	Valencia ...					
Thurso ...									Scilly ...					
Scarborough ...								*	London ...					
Greencastle ...									Rochefort ...	29.75	52	48	SW	7
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. light; 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. **AN ASTERISK** is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.  
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS AND REMARKS FOR MONDAY 16<sup>TH</sup> FEBRUARY 1874 AT 8 A.M.

## BAROMETER.

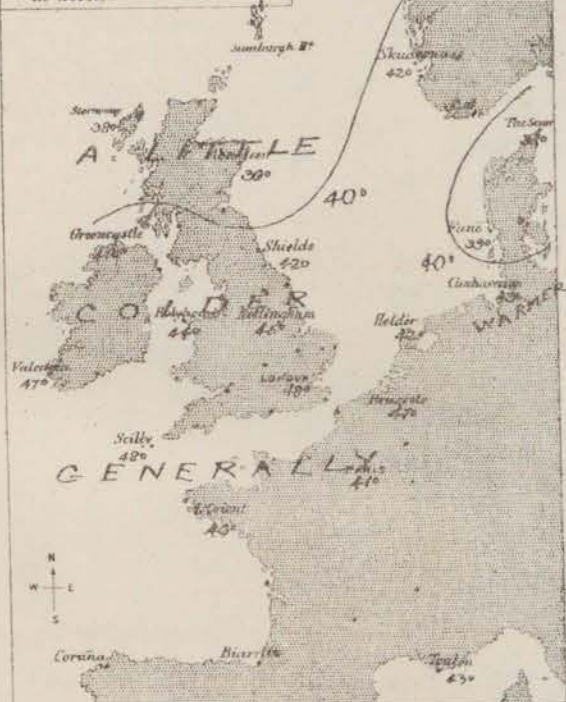
- 1 Isobars drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



The fall of the mercury noticed in England yesterday morning continued at the south eastern stations during the greater part of the day, but the recovery which had set in at the southern Irish stations has now extended to all coasts excepting the eastern shore of the North Sea. In London, however, the mercury seems to be falling again owing to the advance towards us of a local depression which now lies over the west of England. The highest readings are still found in the extreme south.

## TEMPERATURE.

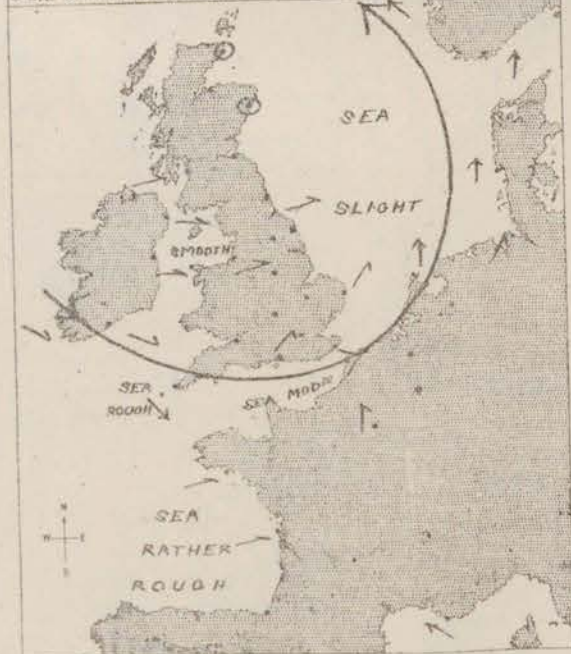
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperatures have fallen several degrees in the north east of Britain but has not changed much elsewhere, and is consequently still high in most places.

## WIND & SEA.

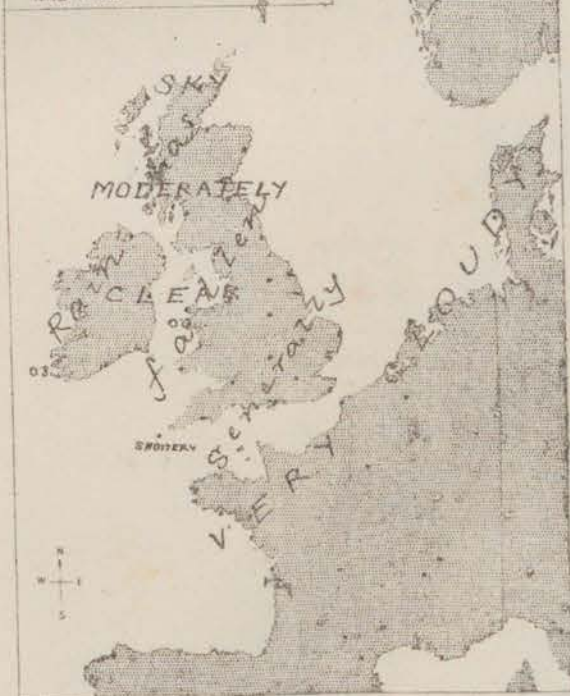
- 1 Arrows fly with the wind  
Force 0 to 1 - ○ Force 8 to 10 - →→  
2 4 - →→ above 10 - →→→  
3 5 - 7 - →→→
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



Moderate WNW breezes are now reported at our south western stations, drawing into SW in the south east and east, while fresh S breezes are blowing over the North Sea. In London the wind is freshening. The sea is still rough in the south west.

## 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 very generally. The sky is now moderately clear except at the southern stations.

Subscription for these Charts payable in advance to order delivery.  
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book post 5s per quarter.

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

Vincent Brooks Day & Son Ltd. London W.C.



Tues. day 8 a.m.

# WEATHER REPORT.

Feb. 17<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 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 ...	29.39	-10	32	32	+4	*	*	SN	6	6	SN	*	cr	*	*
Hernösand ...	29.47	-09	35	34	+1	*	*	S	2	4	SSN	*	cr	*	*
Stockholm ...	29.60	-13	35	34	-1	*	*	S	2	2	SSN	*	of	*	*
Wisby ...	29.76	-16	34	?	-1	*	*	SSN	2	6	SN	*	cr	*	*
Christiansund ...	29.27	-03	41	40	+1	*	*	S	2	0	Z	*	N	*	4
Skudesnaes ...	29.29	-03	40	39	-2	*	*	SE	6	4	S	*	cr	*	4
Oxö (Xtiansand) ...	29.34	-14	40	40	-1	*	*	SSE	4	4	SSN	*	fn	*	3
Skagen (The Skaw) ...	29.47	-13	39	38	+1	*	*	S	6	*	*	*	cr	*	*
Fanö ...	29.42	-10	39	39	0	*	*	SSN	6	*	*	*	cr	*	*
Cuxhaven ...	29.53f	-15	42	42	-1	47	?	SSN	2	2	SSN	8	cr	0.04	?
Sumburgh Head ...	28.99f	-25	37	35	-1	45	35	N	2	6	SSN	4	pc	0.05	4
Thurso ...	28.97f	-19	39	38	+1	49	35	SN	1	2	N	9	cr	0.14	1
Wick ...	29.01f	-20	39	39	+3	46	34	SN	1	2	SN	10	cr	0.09	0
Nairn ...	29.04f	-22	39	37	+2	47	36	SN	1	1	NSN	8	cr	-	1
Aberdeen ...	29.04f	-23	41	40	+5	48	35	S	2	2	S	10	br	0.01	2
Leith ...	29.07f	-27	41	40	+2	52	37	N	3	3	N	10	cr	-	*
Shields ...	29.13f	-24	42	41	0	47	40	SSN	3	4	NSN	9	cr	0.01	3
York ...	29.20f	-23	42	42	+2	48	37	S	1	1	NSN	10	cr	0.02	*
Scarborough ...	29.17f	-28	41	41	+1	46	38	SSN	4	2	N	10	cr	-	4
Nottingham ...	29.24f	-20	44	43	-1	47	39	S	3	4	SN	10	N	0.33	*
Ardrossan ...	29.10f	-27	43	40	-2	49	42	NSN	1	5	SN	8	cr	0.33	1
Greencastle ...	29.18f	-24	38	37	-3	45	38	N	4	4	N	2	cr	0.17	*
Donaghadee ...	29.19f	-19	38	37	-2	49	38	N	3	5	SN	7	cr	0.32	2
Kingstown ...	29.22f	-17	39	36	-2	49	39	N	4	3	N	4	cr	0.02	3
Holyhead ...	29.23f	-20	42	39	-2	47	41	NNN	5	7	NNN	5	cr	0.27	4
Liverpool (Bidston Obs.) ...	29.21f	-23	41	40	-1	46	40	N	5	5	N	10	cr	0.11	3
Valencia ...	29.45N	-16	40	38	-7	50	38	NNN	5	8	N	6	pc	0.07	5
Roche's Point ...	29.46N	-10	38	37	-5	49	37	NNN	3	6	NN	5	pc	0.20	3
Pembroke ...	29.33f	-15	43	39	-2	50	41	NNN	5	5	NNN	7	pc	0.21	5
Portishead ...	29.27f	-13	42	41	0	52	40	NNN	4	6	N	10	cr	0.23	4
Scilly ...	29.47f	-12	44	42	-4	50	42	NN	6	8	NN	6	pc	0.24	6
Plymouth ...	29.36f	-18	43	42	-2	52	41	NN	2	4	SSN	10	pc	0.16	*
Portsmouth ...	29.37f	-19	44	43	-1	47	42	S	6	5	SN	7	pc	0.02	5
Dover ...	29.30f	-21	44	43	-4	50	42	S	7	7	S	10	cr	0.02	*
Oxford ...	29.25	-19	40	40	-6	49	40	S	1	3	N	10	cr	0.09	*
Cambridge ...	29.25f	-23	43	42	0	50	37	SN	2	2	SN	10	pc	0.05	*
Yarmouth ...	29.34f	-19	42	42	-1	48	39	S	5	5	S	10	cr	0.02	3
Helder ...	29.47	-12	41	*	-1	*	*	SEN	5	*	*	*	*	*	2
Cape Gris Nez ...	29.41f	-19	42	40	-1	49	41	SSN	5	5	SSN	10	cr	-	4
Brest ...	29.48f	-17	46	46	-3	54	41	NN	7	7	NNN	10	f	0.28	5
L'Orient ...	?	46	45	-1	55	42	NN	7	7	NN	10	cr	0.20	6	
Rochefort ...	29.62f	-13	48	44	+2	52	44	SN	7	4	NSN	10	cr	-	5
Biarritz ...	29.83f	-05	48	46	+1	50	43	SN	3	5	NN	6	cr	-	5
Coranna ...				*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.53	-15	45	*	-2	*	*	NN	3	*	*	*	cr	*	*
Charleville ...	? 29.64	-19	42	*	0	*	*	NSN	?	*	*	*	cr	*	*
Paris ...	29.57f	-18	43	?	+2	49	42	SSN	3	?	?	10	cr	0.04	*
Lyons ...	?	45	*	-2	*	*	*	E	1	*	*	*	f	*	*
Toulon ...	29.60f	-28	39	37	-4	45	39	NN	5	7	SE	7	cr	0.79	5

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

	Bar.	Dry.	Wet.	Wind.		C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		C.	Wen.
Skudesnaes ...	29.30	42	42	S	4	*	o	4	Valencia ...	29.55	49	46	SN	4	7	c
Thurso ...	29.19	45	42	N	2	5	c	2	Scilly ...	29.65	49	47	SN	5	6	p
Scarborough...	29.43	45	42	NNN	2	5	c	2	London ...	29.54	48	45	N	3	10	cq
Greencastle ...	29.38	45	43	SN	2	8	o		Rochefort ...	29.83	52	47	NSN	4	9	c
Holyhead ...	29.47	47	46	SN	2	3	c	2								

The barometer has begun to fall again in Ireland and the wind has backed to SW. at all our stations, with rain at Scilly. - Warnings were issued to our N. and S. 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. light 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.

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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







Wednesday - day 8 a.m.

# WEATHER REPORT.

Feb. 18<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.65	+ .26	33	33	+1	*	*	SW	2	2	SW	*	f	*	*
Hernösand ...	29.62	+ .15	34	33	-1	*	*	S	2	2	S	*	of	*	*
Stockholm ...	29.60	.00	35	35	0	*	*	S	4	2	SSW	*	os	*	*
Wisby ...	29.67	- .09	36	35	+2	*	*	S	2	2	ESE	*	cn	*	*
Christiansund ...	29.44	+ .17	40	35	-1	*	*	ESE	4	2	ESE	*	b	*	2
Skudesnaes ...	29.42	+ .13	41	39	+1	*	*	SE	6	6	SSE	*	on	*	4
Oxö (Xtiansand) ...	29.47	+ .13	39	?	-1	*	*	E	4	6	S	*	fo	*	3
Skagen (The Skaw)	29.53	+ .06	38	37	-1	*	*	SSE	2	*	*	*	o	*	*
Fanö ...	29.43	- .05	37	36	-2	*	*	SE	6	*	*	*	o	*	*
Cuxhaven ...	29.41 f	- .12	40	39	-2	46	?	S	2	2	S	9	on	0.02	?
Sumburgh Head															
Stornoway (He- brides.)	29.40 n	+ .41	33	32	-4	42	28	N	1	3	N	2	lb	0.07	3
Thurso ...	29.38 n	+ .41	30	29	-9	43	30	SSW	1	2	NSW	4	bo	0.01	3
Wick ...	29.41 n	+ .40	30	29	-9	42	28	Z	0	2	N	3	b	0.02	0
Nairn ...	29.44 n	+ .40	30	28	-9	44	29	Z	0	1	SW	0	b	-	0
Aberdeen ...	29.43 n	+ .39	31	30	-10	43	30	N	1	2	S	0	db	0.09	1
Leith ...	29.48 n	+ .41	33	32	-8	49	31	N	2	3	NN	2	cb	-	*
Shields ...	29.51 n	+ .38	33	33	-9	45	33	NNN	3	4	N	3	b	0.01	2
York ...	29.51 n	+ .31	31	39	-11	46	30	N	1	2	N	0	cb	-	*
Scarborough ...	29.51 n	+ .34	33	32	-8	45	31	NSW	1	3	N	1	ob	0.01	2
Nottingham ...	29.56 n	+ .32	32	31	-12	45	29	NSW	1	3	NNN	13	rs	0.18	*
Ardrossan ...	29.50 n	+ .40	39	36	-4	47	33	N	2	3	NNN	5	hpo	0.02	1
Greencastle ...	29.50 n	+ .32	36	36	-2	42	35	NSW	1	4	N	10	og	0.44	*
Donaghadee ...	29.51 n	+ .32	36	35	-2	43	31	N	3	4	N	10	bo	-	2
Kingstown ...	29.58 n	+ .30	38	36	-1	44	37	N	4	5	N	6	o	-	3
Holyhead ...	29.54 n	+ .31	41	39	-1	44	39	NNN	2	5	NNN	5	pc	0.05	1
Liverpool (Bidston Obs.)	29.55 n	+ .34	33	32	-8	44	33	ESE	1	6	N	3	cf	0.12	2
Valencia ...	29.69 n	+ .24	44	42	+4	45	38	NN	4	5	NNN	6	pg	0.07	4
Roche's Point ...	29.67 n	+ .21	38	36	0	43	36	NN	3	5	NNN	2	cpt	0.06	3
Pembroke ...	29.60 n	+ .27	43	40	0	45	40	NN	4	6	NNN	5	pr	0.03	3
Portishead ...	29.56 n	+ .29	40	35	-2	51	32	NN	2	5	NN	8	og	0.02	3
Scilly ...	29.69 n	+ .22	45	42	+1	46	38	NNN	6	7	NN	6	q/p	0.24	7
Plymouth ...	29.64 n	+ .28	38	38	-5	49	36	NN	1	3	NE	3	hp	0.07	*
Portsmouth ...															
Dover ...	29.59 n	+ .22	36	34	-8	46	34	N	3	6	S	0	cb	0.05	2
London ...	29.59 n	+ .29	33	32	-11	48	31	SSW	1	7	S	7	o	-	*
Oxford ...	29.57	+ .32	35	34	-5	46	30	SW	1	4	N	10	co	0.05	*
Cambridge ...	29.56 n	+ .31	30	30	-13	45	28	N	1	2	NN	5	pc	0.05	*
Yarmouth ...	29.52 n	+ .18	31	31	-11	45	30	N	3	5	S	3	nn	0.08	3
Helder ...	29.50	+ .03	41	*	0	*	*	N	5	*	*	*	*	*	2
Cape Gris Nez ...	29.56 n	+ .15	40	38	-2	45	38	N	4	7	SSW	2	rb	0.16	3
Brest ...	29.76 n	+ .28	44	44	-2	49	38	NN	5	7	NNN	?	o	0.04	4
L'Orient ...	?		41	39	-4	53	40	NNN	4	7	NN	6	n	0.09	6
Rochefort ...	29.82 n	+ .20	43	39	-5	50	38	NN	4	8	NNN	10	cn	0.16	6
Biarritz ...	29.98 f	+ .15	46	44	-2	50	41	SW	8	9	N	9	on	0.51	7
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.61	+ .08	38	*	-7	*	*	SW	4	*	*	*	o	*	*
Charleville ...	? 29.66	+ .02	39	*	-3	*	*	NSW	3	*	*	*	on	*	*
Paris ...	29.70 n	+ .13	37	?	-6	47	36	NSW	4	7	SSW	10	o	0.20	*
Lyons ...	?		46	*	+1	*	*	S	3	*	*	*	?	*	*
Toulon ...	29.87 n	+ .27	44	42	+5	51	39	NN	7	7	NN	9	o	-	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.		
Skudesnaes ...	29.31	42	40	SSE	6	*	e	4	Valencia ...	29.54	43	40	NNN	4	5	p
Thurso ...	29.01	42	40	Z	0	9	o	1	Scilly ...	29.53	43	41	NNN	6	6	q
Scarborough...	29.19	45	42	NN	2	8	o	2	London ...	29.32	45	42	N	3	10	od
Greencastle ...	29.24	42	40	Y	4	9	o	*	Rochefort ...	29.70	47	43	NNN	8	10	o
Holyhead ...	29.30	43	40	NNN	4	4	c	4								

The recovery of pressure, reported from the S. of Ireland, has extended since the morning to all our stations. The wind has veered to NNW. at Rochefort and freshened, but at our SW-stations it has backed slightly.

Drum's were lowered in the N. and W. this morning and in the S. 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 extreme 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. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind.

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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 opposite direction.



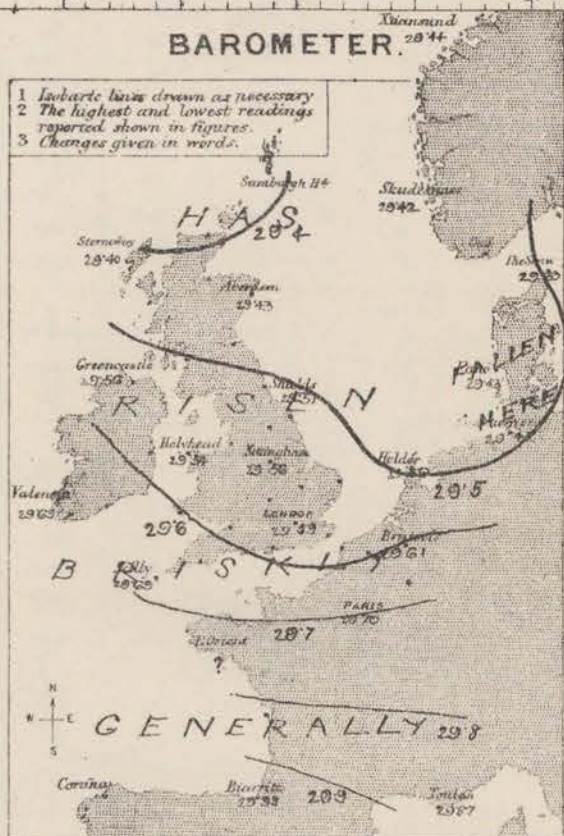
# WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 18<sup>TH</sup> FEBRUARY 1874 AT 8 A.M.

## BAROMETER.

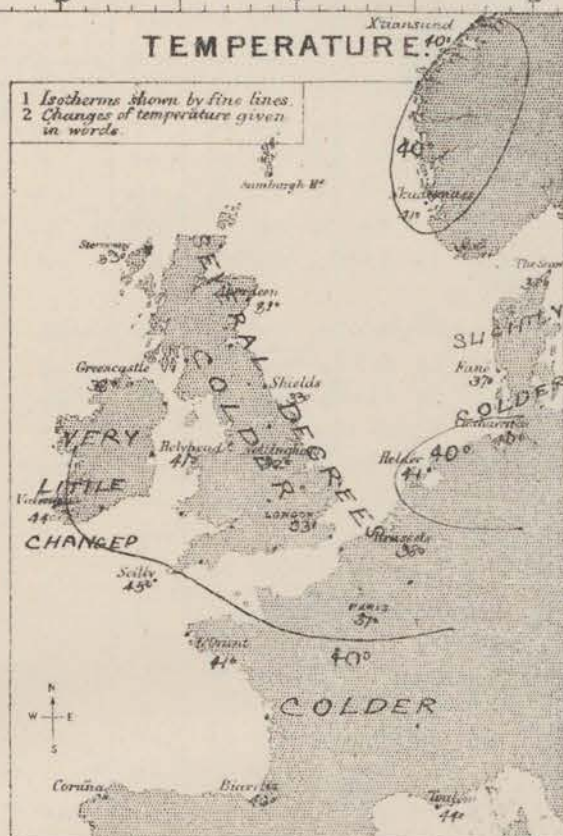
- 1 Isobars drawn as necessary
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The rise of the barometer noticed at Valencia yesterday morning has during the past twenty-four hours extended over the whole of our Islands. France and the Netherlands, the rise having been greatest over Scotland, and the fall still continuing the Denmark. A rather shallow depression has advanced from the NW, and now lies over the North Sea, but gradients are very slight.

## TEMPERATURE.

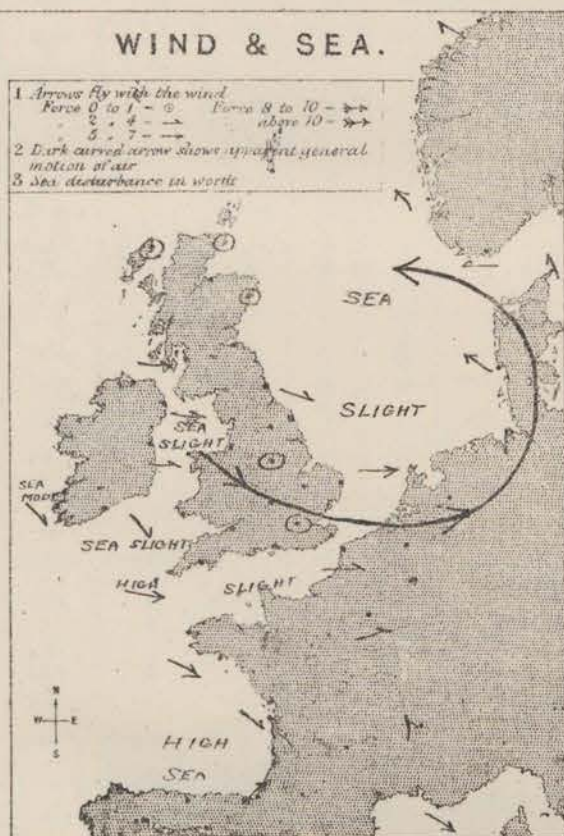
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen several degrees at almost all stations (a slight rise being reported from the south of Ireland); and a white frost occurred last night in several places.

## WIND & SEA.

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



Over our north-western stations and the west of France fresh NW winds still hold, which increased to a gale in the south of France yesterday evening. Elsewhere the winds are light from the W with calm in the north of Scotland. There is high in the Bay of Biscay and at Bally moderate in the south-west of Ireland, 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.



Some rain has fallen generally with hail in the west of Scotland, and snow at Nottingham. Aurora was seen in Scotland last night. The sky is moderately clear except in France and the north-west of our Islands.

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

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

Vincent Brooks Day & Son Ltd., London, W.C.



Thurs day 8 a.m.

# WEATHER REPORT.

Feb: 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 ...	29.75	+ .10	33	33	0	*	*	S	2	2	SW	*	of	*	*
Hernösand ...	29.74	+ .12	33	33	-1	*	*	?	1	2	S	*	so	*	*
Stockholm ...	29.68	+ .02	31	31	-4	*	*	N	1	2	E	*	f	*	*
Wisby ...	29.66	- .01	35	34	-1	*	*	N	2	2	NE	*	o	*	*
Christiansund ...	29.78	+ .34	39	38	-1	*	*	SW	2	0	Z	*	o	*	3
Skudesnaes ...	29.82	+ .40	39	37	-2	*	*	NSW	2	4	SE	*	ro	*	3
Oxö (X'tausand)	29.79	+ .02	39	36	0	*	*	NNE	2	6	ENE	*	fo	*	2
Skagen (The Skaw)	29.76	+ .23	36	36	-2	*	*	ESE	2	*	*	*	fo	*	*
Fanö ...	29.69	+ .26	37	37	0	*	*	E	4	*	*	*	N	*	*
Cuxhaven ...	29.70	+ .29	37	37	-3	41	?	SW	3	5	N	?	ro	0.14	?
Sumburgh Head															
Stornoway (Hebrides)	29.83	+ .43	35	34	+2	41	31	N	2	2	SW	3	po	0.15	2
Thurso...	29.80	+ .42	37	36	+7	47	29	N	2	3	N	4	bw	-	3
Wick ...	29.84	+ .43	34	32	+4	43	29	Z	0	1	NN	3	b	-	0
Nairn ...	29.91	+ .47	37	34	+7	43	28	NN	1	1	NNN	6	bo	-	1
Aberdeen ...	29.87	+ .44	36	34	+5	43	31	NNN	1	1	N	0	bm	-	1
Leith ...	29.95	+ .47	35	34	+2	46	32	N	2	3	N	1	b	-	*
Shields...	29.94	+ .43	32	32	-1	52	32	NNN	3	3	NNN	2	b	-	2
York ...	29.97	+ .46	30	29	-1	45	27	NN	1	1	NN	0	b	-	*
Scarborough ...	29.94	+ .43	34	33	+1	41	32	NN	2	2	NNN	0	cb	-	2
Nottingham ...	29.97	+ .41	30	30	-2	43	29	N	1	1	NNN	0	m	0.02	*
Ardrossan ...	29.99	+ .49	34	33	-5	46	34	ESE	1	3	NN	4	of	0.01	0
Greencastle ...	30.03	+ .47	37	37	+1	42	36	N	1	4	NSN	3	cb	0.26	*
Donaghadee ...	29.97	+ .46	36	35	0	45	33	N	3	3	N	1	b	-	2
Kingstown ...	30.07	+ .49	39	37	+1	45	38	N	3	6	NNN	5	c	-	3
Holyhead	30.00	+ .46	42	40	+1	44	40	NN	3	4	NN	2	b	-	2
Liverpool (Bidston Obs.)	?		40	39	+7	41	35	NNN	2	3	NNN	6	c	0.02	2
Valencia ...	30.11	+ .42	44	42	0	48	42	?	3	5	NN	9	po	0.02	4
Roche's Point...	30.10	+ .43	42	40	+4	47	37	NN	2	5	NN	8	bo	-	3
Pembroke ...	30.04	+ .44	43	40	0	45	41	NN	3	4	NN	3	co	-	2
Portishead ...	30.01	+ .45	?	?		45	34	NNN	2	4	NN	2	cb	-	2
Scilly ...	30.11	+ .42	47	43	+2	47	43	NNN	5	6	NNN	6	c	0.02	5
Plymouth ...	30.07	+ .43	38	38	0	49	35	NNN	2	4	NN	1	of	-	*
Portsmouth ...															
Dover ...	29.94	+ .35	34	33	-2	39	32	NNN	4	3	NN	0	cb	0.02	*
London ...	29.99	+ .40	35	33	+2	47	32	NN	1	2	NNN	4	cbf	-	*
Oxford...	30.01	+ .44	36	35	+1	45	35	NN	1	3	NN	5	c	0.03	*
Cambridge ...	29.96	+ .40	32	31	+2	42	29	NN	1	1	NN	0	spfb	0.04	*
Yarmouth ...	29.91	+ .39	32	32	+1	42	30	NN	3	3	NN	4	bm	-	2
Helder ...	29.82	+ .32	41	*	0	*	*	N	3	*	*	*	*	*	2
Cape Gris Nez...	29.90	+ .34	37	35	-3	42	37	NNE	4	3	N	2	f	0.04	3
Brest ...	30.19	+ .43	45	45	+1	48	37	N	4	7	N	7	ro	0.16	4
L'Orient ...	?		41	39	0	53	38	NN	4	8	NN	4	ro	0.04	4
Rochefort ...	30.06	+ .24	43	39	0	50	39	?	?	?	?	7	c	0.12	5
Biarritz ...	30.14	+ .16	46	42	0	52	41	N	7	8	SW	9	n	0.65	6
Corunna ...			*	*		*	*			*	*	*	*	*	*
Brussels ...	29.88	+ .27	40	*	+2	*	*	?	?	*	*	*	o	*	*
Charleville ...	? 29.92	+ .26	34	*	-5	*	*	NN	3	*	*	*	osw	*	*
Paris ...	29.95	+ .25	35	?	-2	46	34	N	0	4	N	3	o	0.04	*
Lyons ...	?		41	*	-5	*	*	S	3	*	*	*	o	*	*
Toulon...	29.73	- .14	36	32	-8	48	36	NN	5	7	NN	3	o	-	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.54	42	39	SE	4	N	4	Valencia ...	29.90	47	44	NN	4	4	f
Thurso ...	29.49	46	41	N	1	2	3	Scilly ...	29.80	46	42	NNN	6	6	c
Scarborough...	29.60	41	38	NNN	2	e	2	London ...	29.64	44	40	NNN	1	7	o
Greencastle ...	29.70	42	41	NSEN	4	c	*	Rochefort ...	29.86	41	39	NNN	4	10	o
Holyhead ...	29.68	43	41	SW	4	c	4								

A brisk rise of the barometer is reported from Valencia and to a less extent from all stations. At Thurso kippers has risen quickly, and Scilly still reports a fresh NW by wind with a rough sea.

## 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 strong 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. light 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.

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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



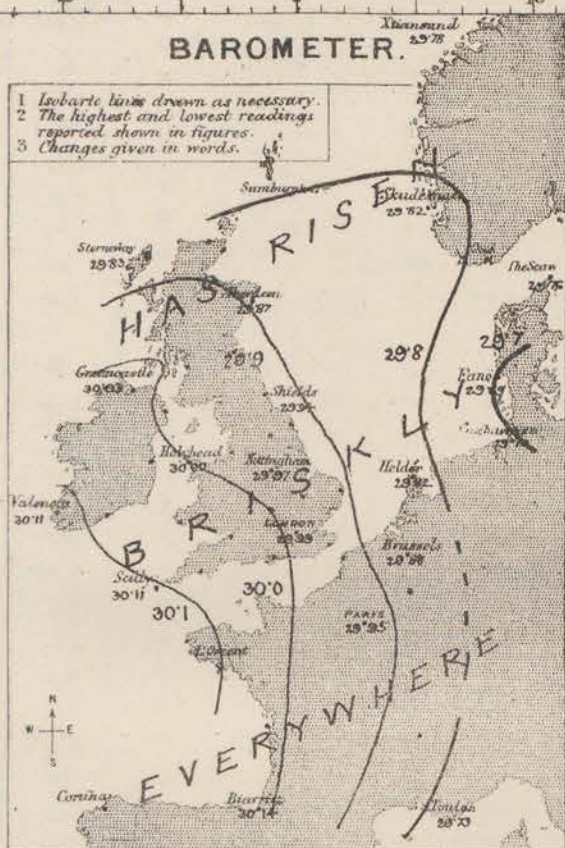
# WEATHER CHARTS

AND REMARKS FOR

THURSDAY 19<sup>TH</sup> FEBRUARY 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.



Since yesterday morning the barometer has continued to rise quickly and very uniformly over our Islands, France and Norway, and the increase has now extended to the Danish stations also. Readings are highest at the south western stations, and gradients are still very slight.

## TEMPERATURE.

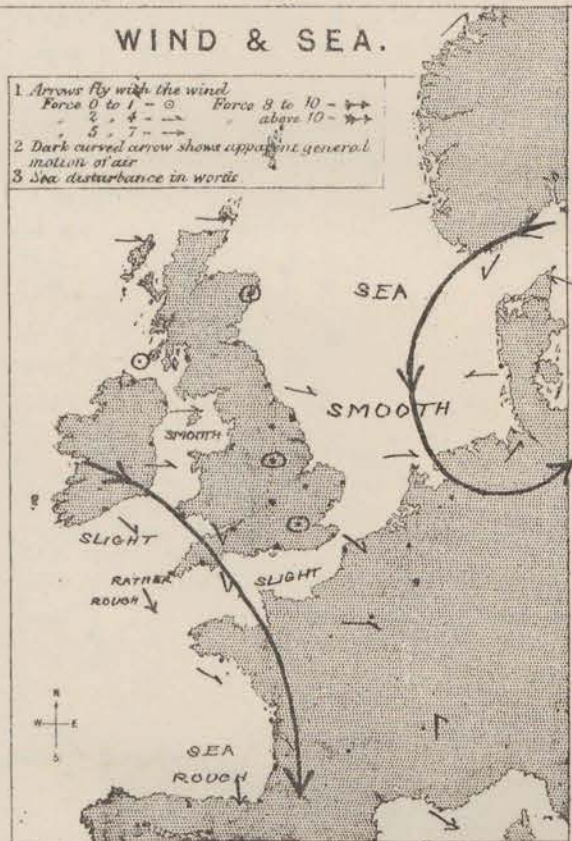
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen a few degrees in Scotland but changed very little and irregularly elsewhere. A white frost was again observed in England last 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.



Very light N. winds are reported from all the northern stations, and NW breezes from the southern and French coasts. In Denmark light E. breezes are blowing. The sea continues rough at Sully and in the Bay of Biscay but is slight or 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.



Some rain has fallen in the west. The sky is rather cloudy in the south west, clear generally elsewhere.

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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.

Vincent Brooks, Day & Sea L<sup>th</sup>, London W.C.



Fri - day 8 a.m.

## WEATHER REPORT.

Feb: 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.	Dirco.	Force. (0 to 12.)	Force. (0 to 12.)	Dirco.				
Haparanda ...	30.01	+26	27	26	-6	*	*	S	2	2	S	*	ob	*	*
Hernösand ...	30.13	+39	24	22	-9	*	*	I	0	0	I	*	ob	*	*
Stockholm ...	30.09	+41	32	32	+1	*	*	W	1	1	W	*	of	*	*
Wisby ...	30.20	+54	36	35	+1	*	*	N	2	4	W	*	oc	*	*
Christiansund ...	30.06	+28	39	35	0	*	*	S	4	2	SW	*	oc	*	4
Skudesnaes	30.13	+31	36	35	-3	*	*	E NE	2	0	I	*	b	*	3
Oxö (X'Hansand)	30.17	+38	34	34	-5	*	*	N NE	2	2	SSW	*	b-f	*	2
Skagen (The Skaw)	30.16	+40	35	34	-1	*	*	W SW	2	*	*	*	c	*	*
Fanö ...	30.20	+51	37	36	0	*	*	I	0	*	*	*	c	*	*
Cuxhaven ...	30.21	+51	34	33	-3	41	?	SEE	2	3	SSW	3	ob	-	?
Sumburgh Head															
Stornoway (Hebrides)	29.72 f	-10	43	42	+8	43	33	SW	7	7	SW	10	bw	0.01	7
Thurso ...	29.80 f	00	39	37	+2	49	39	S	3	3	NNW	8	oc	-	2
Wick ...	29.83 f	-01	42	39	+8	45	32	S	4	4	S	8	bo	0.01	2
Nairn ...	29.88 f	-03	38	36	+1	46	32	I	0	1	W	8	bo	-	1
Aberdeen ...	29.97 f	-10	36	34	0	45	31	S	4	4	S	7	bo	-	2
Leith ...	30.06 f	+11	37	36	+2	51	28	N	1	2	N	8	bo	-	*
Shields ...	30.15	+21	33	32	+1	42	31	SSW	2	3	W	4	bm	-	2
York ...	30.21	+24	25	25	-5	47	25	I	0	1	W	10	b-f	-	*
Scarborough ...	30.20	+26	35	34	+1	41	32	SW	1	2	N	2	b	-	1
Nottingham ...	30.20	+23	26	25	-4	46	25	N	1	1	NNW	10	cf	-	*
Ardrossan ...	30.05 f	+06	44	42	+10	49	34	SSE	4	4	SSE	10	bn	0.04	3
Greencastle ...	29.95 f	-08	45	45	+8	45	36	SW	3	3	SW	10	cg	0.04	*
Donaghadee ...	30.02 f	+05	44	44	+8	51	36	S	5	5	S	10	bd	0.01	2
Kingstown ...	30.07 f	00	45	44	+6	47	39	S	3	3	NNW	9	co	-	3
Holyhead ...	30.09 f	+09	42	41	0	46	39	S	3	3	W	7	bm	-	2
Liverpool (Bidston Obs.)	30.16		32	31	-8	44	30	ESE	3	3	N	7	bm	-	1
Valencia ...	30.06 f	-05	52	52	+8	52	42	SW	3	3	S	9	co	0.05	4
Roch's Point ...	30.09 f	-01	48	48	+6	59	42	SW	2	3	SW	10	m	0.20	0
Pembroke ...	30.13 f	+09	45	43	+2	48	40	SSE	4	4	S	10	bo	-	3
Portishead ...	30.22	+21	30	30	?	52	25	I	0	3	NNW	10	cf	-	0
Scilly ...	30.15	+04	48	47	+1	49	46	SSE	4	5	NNW	10	odf	0.01	4
Plymouth ...	30.22	+15	34	34	-4	50	31	E	2	3	N	2	cm	-	*
Portsmouth ...															
Dover ...	30.23	+29	35	34	+1	43	33	W	4	4	N	2	b	-	2
London ...	30.23	+24	32	30	-3	47	28	I	0	2	W	4	cf	-	*
Oxford ...	30.25	+24	26	26	-10	47	26	I	0	2	W	10	cf	-	*
Cambridge ...	30.23	+27	27	27	-5	45	26	W SW	1	1	NNW	5	bon	-	*
Yarmouth ...	30.23	+32	32	31	0	44	29	W	2	3	W	5	b-f	-	3
Helder ...	30.16	+34	38	*	-3	*	*	N	1	*	*	*	*	*	3
Cape Gris Nez ...	30.19	+29	39	37	+2	45	37	N	3	4	N	4	f	-	2
Brest ...	30.22	+03	44	44	-1	49	39	N	3	4	N	4	oc	-	3
L'Orient ...	?		36	36	-5	53	35	E	1	5	NNW	3	c	-	2
Rochefort ...	30.24	+18	36	36	-7	52	32	E	4	5	W	0	et	0.08	0
Biarritz ...	30.24	+10	39	37	-7	48	37	E	3	7	N	5	zf	0.12	5
Corunna ...			*	*		*	*				*	*		*	*
Brussels ...	30.18	+20	48	*	+8	*	*	W	3	*	*	*	on	*	*
Charleville ...	30.13	+21	35	*	+1	*	*	N	3	*	*	*	of	*	*
Paris ...	30.23	+23	34	?	-1	44	34	NNW	1	5	NNW	1	m	-	*
Lyons ...	?		39	*	-2	*	*	N	3	*	*	*	c	*	*
Toulon ...	29.74 f	+01	37	30	+1	44	35	W	7	5	W	2	b	?	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.
Skudesnaes ...	29.93	42	41	NNW	2	*	0	Valencia ...	30.09	46	46	S	3	9
Thurso ...	29.91	46	42	W	2	0	0	Scilly ...	30.12	49	45	NNW	4	8
Scarborough ...	30.03	40	39	N	2	1	0	London ...	30.06	44	40	W	1	8
Greencastle ...	30.07	43	43	N	1	1	0	Rochefort ...	30.09	49	45	NNW	4	4
Holyhead ...	30.07	45	43	W	2	0	0							

The barometer has fallen a little at Valencia, where a S.W. wind is blowing but risen slightly elsewhere. Rain is reported from the N. of Ireland but fine weather from our other stations where the winds are unchanged.

## EXPLANATION OF COLUMNS.

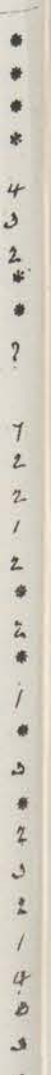
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in the past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

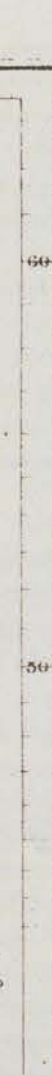
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



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Warnings issued to our northern coast  
this morning.



Satur-day 8 a.m.

# WEATHER REPORT.

Feby: 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 ...	30.13	+ .12	26	27	+1	*	*	S	6	2	S	*	o	*	*
Hernösand ...	30.11	- .02	30	30	+6	*	*	Z	0	0	Z	*	lf	*	*
Stockholm ...	30.31	+ .22	29	29	-3	*	*	N	2	0	Z	*	f	*	*
Wisby ...	30.32	+ .12	27	27	-9	*	*	NE	2	2	N	*	ob	*	*
Christiansund ...	29.77	- .29	42	40	+3	*	*	ESE	2	6	SE	*	o	*	3
Skudesnaes ...	30.07	- .06	41	39	+5	*	*	SE	6	6	SSE	*	o	*	4
Oxö (Xtiansand)	30.12	- .05	39	27	+5	*	*	SSE	4	2	NH	*	o	*	3
Skagen (The Skaw)						*	*				*	*		*	*
Fanö ...						*	*				*	*		*	*
Cuxhaven ...	30.21f	.00	30	30	-4	45	?	S	3	4	SE	9	of	-	?
Sumburgh Head (Hebrides)	29.49f	- .24	47	46	+4	49	42	SSW	6	7	SW	10	d	0.12	7
Thurso ...	29.56f	- .24	43	42	+4	51	38	S	2	4	S	4	oc	0.46	3
Wick ...	29.60f	- .20	45	44	+3	46	40	S	4	4	S	4	o	0.25	2
Nairn ...	29.61f	- .27	49	45	+11	50	38	SW	3	3	SW	2	db	0.02	1
Aberdeen ...	29.73f	- .24	43	42	+7	44	36	S	3	7	S	10	no	0.23	3
Leith ...	29.77f	- .29	47	46	+10	50	37	SW	2	2	NE	8	po	0.05	*
Shields ...	29.89f	- .26	42	41	+9	44	32	S	1	5	SW	7	mc	0.01	2
York ...	29.97f	- .24	41	40	+16	46	25	S	1	1	S	8	o	0.04	*
Scarborough ...	29.93f	- .27	40	39	+5	43	35	?N	3	3	SSW	10	bg	-	2
Nottingham ...	29.99f	- .21	41	41	+15	46	26	S	2	2	S	10	fw	0.02	*
Ardrossan ...	29.76f	- .29	48	46	+4	48	44	S	4	5	S	7	no	0.11	3
Greencastle ...	29.73f	- .22	46	46	+1	48	44	WSW	2	5	SW	10	o	0.06	*
Donaghadee ...	29.77f	- .25	46	45	+2	47	44	S	6	6	S	10	o	0.01	0
Kingstown ...	29.82f	- .25	49	46	+4	51	45	S	3	3	SSE	8	mo	0.05	3
Holyhead ...	29.85f	- .24	47	46	+5	48	42	SSW	2	4	S	6	dmo	0.06	2
Liverpool (Bidston Obs.)	29.93f	- .23	43	42	+11	46	32	SE	3	3	SE	10	o	0.09	1
Valencia ...	29.85f	- .21	48	47	-4	55	45	NNW	3	5	N	9	no	0.35	4
Roche's Point ...	29.82f	- .27	49	49	+1	52	40	SW	4	4	SW	10	fw	0.18	4
Pembroke ...	29.93f	- .20	48	47	+3	48	45	S	4	5	S	10	of	0.07	3
Portishead ...	30.00f	- .22	44	42	+14	52	29	S	6	6	S	10	mggy	0.01	3
Scilly ...	29.96f	- .19	48	48	0	50	47	SSW	5	5	SSW	5	fdco	0.08	5
Plymouth ...	30.02f	- .20	46	46	+12	48	34	SSW	3	4	SW	10	d	0.04	*
Portsmouth ...															
Dover ...	30.13f	- .10	41	39	+6	43	33	SW	3	2	E	3	b	-	2
London ...	30.08f	- .15	40	37	+8	45	31	S	3	2	NN	2	b	-	*
Oxford ...	30.07	- .18	39	38	+13	46	26	S	1	1	S	10	cd	0.01	*
Cambridge ...	30.03f	- .15	34	32	+7	42	26	S	1	1	S	7	o	-	*
Yarmouth ...	30.12f	- .11	35	35	+3	42	30	SSW	2	2	S	5	bmo	0.02	2
Helder ...	30.16	.00	35	*	-3	*	*	SSE	2	*	*	*	*	*	2
Cape Gris Nez ...	30.14f	- .05	35	35	-4	45	34	S	1	1	N	4	fc	-	1
Brest ...	30.10f	- .12	46	46	+2	47	42	SSE	7	7	S	10	o	-	4
L'Orient ...	?		44	40	+8	54	35	SSW	4	4	SSW	8	o	-	3
Rochefort ...	30.19f	- .05	36	34	0	53	32	SE	4	4	E	0	b	-	3
Biarritz ...	30.18s	- .06	37	35	-2	47	35	SE	1	4	NNE	2	of	-	3
Corunna ...			*	*		*	*				*	*		*	*
Brussels ...	30.14	- .04	37	*	-11	*	*	NW	3	*	*	*	fz	*	*
Charleville ...	? 30.13	- .00	30	*	-5	*	*	WSW	?	*	*	*		*	*
Paris ...	30.18f	- .05	30	?	-4	44	29	NNW	3	4	E	10	smo	-	*
Lyons ...	?		41	*	+2	*	*	N	3	*	*	*	o	*	*
Toulon ...	29.81n	+ .07	42	42	+5	52	35	NN	1	0	NN	9	o	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	
Skudesnaes ...	30.10	40	39	SSE	6	*	C	4	Valencia ...	30.00	53	52	SW	3	9
Thurso ...	29.69	44	42	S	4	9	N	2	Scilly ...	30.13	50	50	S	5	10
Scarborough...	30.12	42	38	SSW	3	3	b	2	London ...	30.21	40	39	ESE	1	10
Greencastle ...	29.88	47	47	WSW	3	10	d	*	Rochefort ...	30.24	47	43	NN	1	0
Holyhead ...	30.08	44	43	S	4	10	m	3							

The barometer is steady at Rochefort but the fall has not extended to all other stations, it is greatest at Thurso. winds continue almost unchanged. A thick fog has prevailed in London since morning, it has now lifted.

## 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. light 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. \* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.  
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



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ROBERT H. SCOTT, Director.



# SUMMARY OF WEATHER IN WESTERN EUROPE

from FEBRUARY 15<sup>TH</sup> to FEBRUARY 21<sup>ST</sup> 1874

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

The past week has been comparatively a tranquil one as regards weather. Moderate breezes from Northwest and West were at first common, which on the 17<sup>th</sup> reached the force of a gale in the Bay of Biscay, and were replaced on the 21<sup>st</sup> by SW<sup>ly</sup> winds which blew rather hard on the W. coast of Scotland. Throughout the week the wind in the South of Norway has been permanently from the Southeastward, except on the 19<sup>th</sup> and 20<sup>th</sup>. The barometer has been unsteady, but no very clearly defined cyclonic systems have traversed our area, while temperature has been changing rapidly the sudden temporary access of cold on the 20<sup>th</sup> in central England having been accompanied by dense local fogs. Weather was cloudy, with rain, and some hail squalls on our South coasts, during the early part of the week. -

FEB: 15<sup>TH</sup> - The fall of the barometer which had been noticed at Stornoway on the previous day had affected all our reporting stations and was most extensive over France so that while the gradients for southerly winds had become less steep locally the equatorial current gradually prevailed as a fresh breeze, equally in some places with rain. The barometer however began to rise again in the west during the day.

FEB: 16<sup>TH</sup> - A brisk increase of pressure in the southwest caused the wind to veer to NW that district while the south-easterly current still held on the coast of Norway and Calais were reported in Scotland. In the afternoon the Telegram from Valencia showed a fresh decrease of the barometer while the wind backed to South-west.

FEB: 17<sup>TH</sup> - The reduction of pressure had become general and greatest over central England so that the conditions of wind were very similar to those on the Sunday the direction sweeping from North-west at the entrance of the Channel to South-east on the Norwegian coast. The force of the North-west wind amounted to that of a fresh gale at Scilly and Brest, and rain continued general with some hail squalls in the South.

FEB: 18<sup>TH</sup> - The area of low pressure had advanced Eastwards to Denmark and a brisk recovery in readings was observed over the United Kingdom. The North-west winds became more widely distributed and fell light while the sky cleared very considerably and temperature sunk quickly, to the extent of more than 10° at several stations in Great Britain. -

FEB: 19<sup>TH</sup> - The rise of the barometer had continued and being relatively much greater over these Islands than elsewhere the isobars took a North and South course while the wind remained light from the Northward. -



FEB: 20<sup>th</sup> - The central area of high pressure lay not far from London and temperature in the midland counties fell exceedingly low, the difference of readings between Nottingham and Scilly being as much as 22° at 8 am. The result was a very dense fog at several stations especially in London, while at the same time a barometrical depression had approached the coast of Scotland and caused a fresh Southerly breeze to set in over the West and North of these Islands. Snow had been seen at Narvik on the previous evening.

FEB: 21<sup>st</sup>. The barometer gave way generally and Southerly winds extended to all our stations bringing on a rapid rise of temperature; with some rain and mist but clearing off the fog. -

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#### NOTICE

The Meteorological Committee have resolved to commence the issue of lithographed copies of the 24 Hourly Tabulated Readings, taken at their 7 Observatories, for every element which is observed continuously, commencing with Jan. 1<sup>st</sup> 1874. The sheet will be issued Quarterly and the issue will be a limited one.

The subscription for a copy is £1.0.0 per annum to cover a portion of the expense of production.

The sheets will not be distributed with the publications of the Office. -



Sun-day 8 a.m.

## WEATHER REPORT.

Feb'y: 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 Distur- ance 0 to 6
	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 ...	29.88	-25	31	31	+3	*	*	S	6	4	S	*	o	*	*
Hernösand ...	29.93	-18	33	32	+3	*	*	S	2	0	Z	*	bo	*	*
Stockholm ...	30.09	-22	32	32	+0	*	*	SSW	2	1	WSSW	*	3f	*	*
Wisby ...	30.22	-10	32	31	+5	*	*	S	2	?	S	*	7	*	*
Christiansund ...	?		42	40	0	*	*	Z	0	2	ESE	*	o	*	3
Skudesnaes ...	29.87	-20	40	39	-1	*	*	SSE	6	6	SSE	*	n	*	5
Oxö (Xtiansand)	29.95	-17	36	36	-3	*	*	SSW	6	6	S	*	on	*	4
Skagen (The Skaw)	30.07	-12	34	30	+6	*	*	SW	6	*	*	*	c	*	*
Fanö ...	30.04	-13	30	30	-3	*	*	S	6	*	*	*	c	*	*
Cuxhaven ...	30.04f	-17	29	29	-1	38	?	S	2	0	S	2	ob	-	?
Sumburgh Head															
Stornoway (Hebrides.)	29.772	+28	34	33	-13	47	33	W	2	6	?	1	bo	0.03	3
Thurso ...	29.752	+19	36	35	-7	56	34	S	1	4	W	2	om	0.02	1
Wick ...	29.792	+14	32	32	-13	52	30	Z	0	5	NNW	2	ob	-	0
Nairn ...	29.812	+20	34	32	-15	54	32	Z	0	4	W	9	bo	-	0
Aberdeen ...	29.792	+06	42	39	-1	52	40	NNW	1	5	S	8	co	-	2
Leith ... 9 am	29.802	+03	42	42	-5	55	40	ENE	1	4	W	8	co	-	*
Shields ...	29.77f	-12	44	43	+2	49	42	Z	0	0	S	9	mad	0.03	2
York ... 9.30 am	29.77f	-20	43	43	+2	47	40	S	1	2	S	10	gm	0.07	*
Scarborough 9.30 am	29.78f	-15	44	44	+4	46	41	SSW	3	3	SSW	10	gm	0.05	2
Nottingham ...	29.77f	-22	45	44	+4	46	40	SSW	2	3	S	10	rg	0.10	*
Ardrossan ...	29.822	+06	34	33	-14	48	34	Z	0	4	S	4	ef	0.03	0
Greencastle 9 am	29.862	+13	41	40	-5	47	39	W	2	3	W	1	gt	0.02	*
Donaghadee ...	29.822	+05	37	37	-9	48	35	S	3	6	S	10	do	0.15	2
Kingstown ...	29.872	+05	40	39	-9	52	40	NNW	3	3	NNW	5	do	0.10	3
Holyhead ...	29.792	+06	45	43	-2	49	44	NN	3	2	S	5	am	0.44	2
Liverpool (Bidston Obs.)	29.79f	-14	41	40	-2	47	41	NNW	1	3	SE	10	on	0.26	1
Valencia ...	29.972	+12	45	43	-3	50	42	NNW	3	4	NNW	6	ro	0.13	3
Roche's Point ...	29.912	+09	40	38	-9	49	39	NNW	3	5	NNW	2	mob	0.02	3
Pembroke ...	29.80f	-13	42	41	-5	49	43	W	2	4	S	10	fd	0.23	1
Portishead ...	29.74f	-26	44	44	0	47	41	S	2	6	S	10	gd	0.24	2
Scilly ...	29.872	-09	47	42	-1	53	45	NNW	6	6	NNW	6	oc	0.41	5
Plymouth ...	29.80f	-22	45	45	-1	50	43	NN	3	4	SW	10	fn	0.55	*
Portsmouth ...															
Dover ...	29.88f	-25	43	41	+2	45	40	SSW	3	3	SSW	7	og	-	3
London ...	29.85f	-23	45	43	+5	52	43	S	3	2	SSW	10	o	-	*
Oxford ...	29.82	-25	45	43	+4	48	39	SSE	1	2	SSW	10	m	0.05	*
Cambridge ...	29.84f	-24	41	40	+7	46	33	S	1	2	S	10	o	0.05	*
Yarmouth ...	29.90f	-22	40	40	+5	44	35	S	3	3	S	10	mn	0.15	2
Helder ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Cape Gris Nez ...	29.89f	-25	39	37	+4	43	35	S	3	3	SSW	9	o	-	2
Brest ...	29.90f	-20	48	48	+2	53	43	NNW	5	7	S	3	ob	0.24	4
L'Orient ...	?		45	43	+1	50	43	NN	4	4	SSW	6	c	-	4
Rochefort ...	29.98f	-21	41	39	+5	54	32	S	4	4	W	10	bo	-	3
Biarritz ...	29.99f	-19	43	41	+6	46	37	S	3	3	E	8	f	-	3
Corunna ...	30.12	+12	50	*	-2	*	*	W	3	*	*	*	c	*	2
Brussels ...	29.90	-21	38	*	+1	*	*	SE	1	*	*	*	b	*	*
Charleville ...	? 29.88	-25	?	*	*	*	*	SSE	3	*	*	*	b	*	*
Paris ...	29.97f	-21	35	?	+5	42	35	SE	1	?	?	5	-c	-	*
Lyons ...	?		42	*	+1	*	*	W	1	*	*	*	c	*	*
Toulon ...	29.812	00	37	33	-5	51	35	NN	4	5	NN	4	fo	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.93	40	39	SSE	6	*	o	5	Valencia ...	29.90	46	43	NNW	4	4
Thurso ...	29.50	54	50	SSW	4	7	c	3	Scilly ...	29.88	52	51	SSW	5	10
Scarborough...	29.88	44	43	SSW	3	10	g	2	London ...	30.01	48	43	SSW	3	10
Greencastle ...	29.79	47	46	WSSW	1	10	g	*	Rochefort ...	30.16	50	45	E	4	0
Holyhead ...	29.81	48	47	S	2	10	d	1							

A slight recovery of pressure has commenced in the N. and W. of our Islands the fall still continuing elsewhere. The winds are unchanged and the weather is very cloudy except at Valencia and 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. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind.

\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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



Vincent Brooks Day & Son Ltd. 200 York W.



Mon-day 8 a.m.

# WEATHER REPORT. Feb'y. 23<sup>rd</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.96	+08	32	31	+1	*	*	SW	4	6	S	*	o	*	*
Hernösand ...	30.09	+15	34	32	+1	*	*	S	4	2	S	*	oe	*	*
Stockholm ...	30.19	+10	28	28	-4	*	*	Z	0	4	SW	*	ob	*	*
Wisby ...	30.24	+02	30	29	-2	*	*	SE	2	?	?	*	b	*	*
Christiansund ...	29.86	?	40	38	-2	*	*	Z	0	0	Z	*	or	*	4
Skudesnaes ...	29.95	+08	39	37	-1	*	*	SE	6	4	SSE	*	o	*	4
Oxö (Christiansund) ...	30.03	+08	37	35	+1	*	*	S	6	4	SSW	*	o	*	4
Skagen (The Skaw) ...	30.12	+05	36	35	+2	*	*	S	4	*	*	*	e	*	*
Fanö ...	30.05	+01	31	31	+1	*	*	SE	4	*	*	*	b	*	*
Cuxhaven ...	30.042	00	33	33	+4	?	27	SSE	2	3	S	5	bc	-	?
Sumburgh Head															
Stornoway (Hebrides) ...	29.732	-04	39	38	+5	44	34	SW	2	3	SW	6	bc	0.10	3
Thurso ...	29.728	-03	36	35	0	50	31	SSE	1	2	S	9	br	-	1
Wick ...	29.752	-04	38	27	+6	46	31	W	1	1	W	6	bc	0.02	1
Nairn ...	29.742	-04	36	33	+2	45	32	Z	0	1	W	6	bc	-	1
Aberdeen ...	29.812	+02	31	30	-11	45	31	WSW	1	1	NNW	2	ow	-	1
Leith ...	29.842	+04	30	30	-12	48	38	N	1	2	NNW	5	eno	-	*
Shields ...	29.902	+13	37	35	-7	44	35	WNW	2	2	N	2	cb	0.16	2
York ...	29.892	+12	40	39	-3	48	39	NNW	1	1	S	10	sg	0.18	*
Scarborough ...	29.962	+12	42	41	-2	46	31	NNW	1	3	SSW	10	dno	0.11	2
Nottingham ...	29.892	+12	42	42	-3	49	41	NW	1	3	S	10	r	0.35	*
Ardrossan ...	29.852	+03	37	36	+3	47	34	ESE	2	2	ESE	5	eno	-	2
Greencastle ...	29.832	-03	40	39	-1	45	38	Z	0	4	W	10	er	0.15	*
Donaghadee ...	29.823	00	39	38	+2	50	34	S	3	3	S	10	bo	-	2
Kingstown ...	29.898	+02	42	40	+2	47	40	SSE	1	4	WNW	7	c	-	1
Holyhead ...	29.878	+08	38	37	-7	46	37	Z	0	3	NW	0	eno	-	0
Liverpool (Bilston Obs.)	29.922	+13	39	37	-2	43	37	WSW	1	2	WNW	2	ob	-	1
Valencia ...	29.888	-09	44	42	-1	48	41	N	3	3	NNW	4	pe	0.27	3
Roche's Point ...	29.868	-05	47	47	+7	49	38	SW	4	4	SW	10	con	0.03	3
Pembroke ...	29.902	+10	42	41	-11	46	42	Z	0	4	WNW	4	ocl	0.01	0
Portishead ...	29.942	+20	36	35	-8	57	33	SE	1	6	NW	7	re	0.57	1
Scilly ...	29.972	+10	46	44	-1	48	44	WSW	4	5	NNW	6	c	0.01	4
Plymouth ...	29.962	+16	39	39	-6	47	37	E	1	3	NW	10	df	0.03	*
Portsmouth ...															
Dover ...	29.835	-05	43	42	0	45	41	S	1	4	S	5	gd	0.08	1
London ...	29.862	+01	43	41	-2	48	42	NW	1	3	S	10	org	0.03	*
Oxford ...	29.89	+07	41	39	-2	45	41	W	2	2	W	10	dq	0.08	*
Cambridge ...	29.832	-01	41	41	0	48	40	SE	1	1	S	10	gzm	0.10	*
Yarmouth ...	29.872	-03	40	40	0	42	40	ESE	3	4	S	10	row	0.16	2
Helder ...	29.92	-	35	*	-	*	*	SE	1	*	*	*	*	*	?
Cape Gris Nez ...	29.828	-07	41	41	+2	47	38	SSE	3	3	S	10	or	-	2
Brest ...	30.042	+14	46	44	-2	50	43	NW	3	4	NW	4	bc	-	3
L'Orient ...	?	?	41	41	-4	54	39	Z	0	4	NW	2	bc	-	2
Rocheport ...	30.092	+11	39	37	-2	50	37	NE	3	5	SW	0	ob	-	3
Biarritz ...	30.162	+11	45	43	+2	49	32	SE	1	4	SW	8	r	0.08	4
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.91	-02	40	*	+2	*	*	E	3	*	*	*	r	*	*
Charleville ...	30.01	+13	33	*	?	*	*	W	1	*	*	*	os	*	*
Paris ...	29.952	-02	40	*	+5	48	39	S	4	4	S	10	o	0.04	*
Lyons ...	?	?	44	*	+2	*	*	S	1	*	*	*	f	*	*
Toulon ...															

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

	Bar.	Dry.	Wet.	Wind.	C.	Wet.	Sen.		Bar.	Dry.	Wet.	Wind.	C.	Wet.
Skudesnaes ...	29.88	40	39	SSE	6	*	2	5	Valencia ...					
Thurso ...									Scilly ...					
Scarborough ...									London ...					
Greencastle ...									Rocheport ...	?	46	44	SW	5 10 2
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. light; 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; \* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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



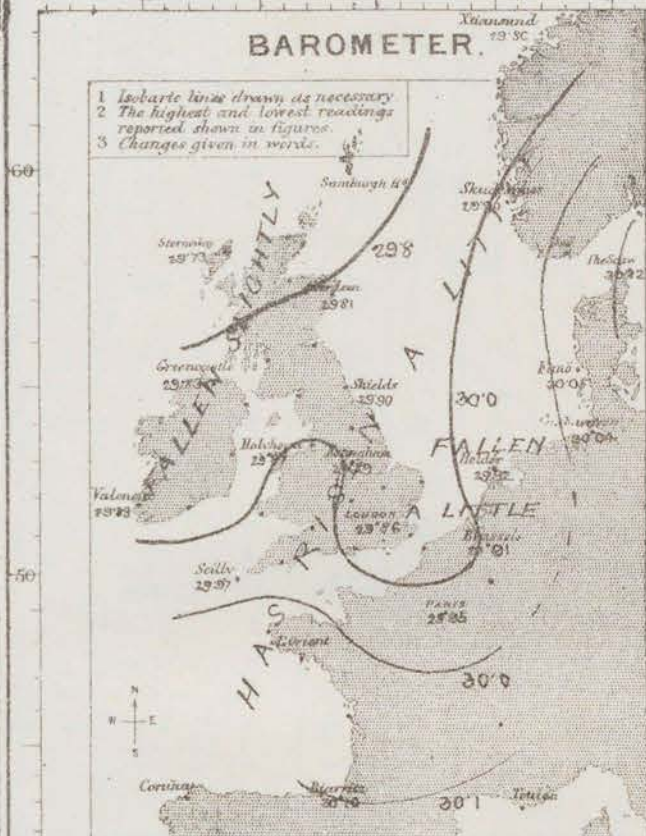
# WEATHER CHARTS

AND REMARKS FOR

MONDAY 23<sup>RD</sup> FEBRUARY 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 increase of pressure noticed in the west and north yesterday morning has now extended to all but the extreme south eastern stations, but during the night a fresh fall is reported from the western coasts. Readings are very uniform and gradients everywhere slight.

## TEMPERATURE.

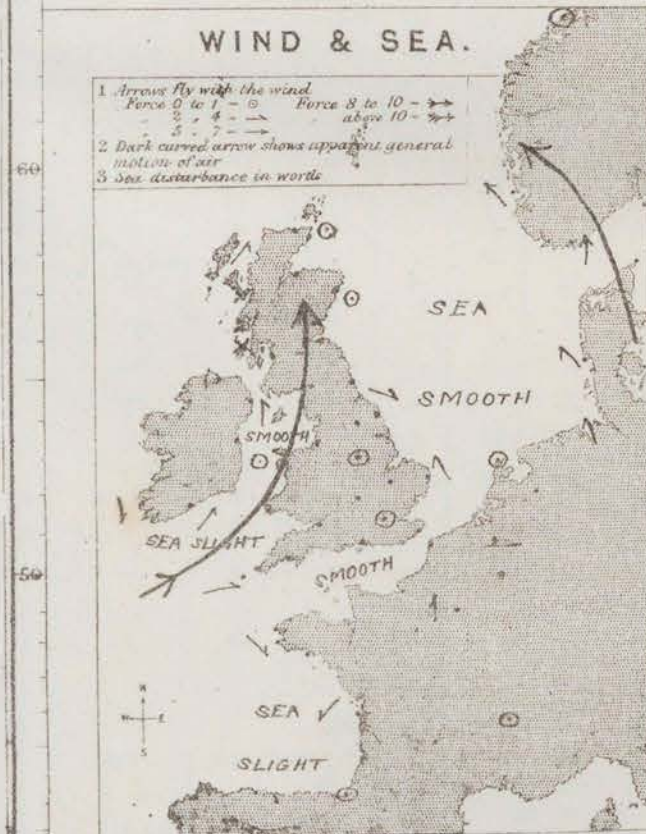
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperatures have fallen a few degrees on our south and east coasts, risen slightly elsewhere.

## WIND & SEA.

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



The wind has backed to S or SW on the west of our Islands but elsewhere light variable airs are reported. In Denmark and the south of Norway moderate to fresh S and SE breezes are blowing. The sea is nearly calm.

## 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 except on our north-west coasts. The sky is cloudy generally, with mist in several places.

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

Vincent Brooks Day & Sea Ltd, London W.C.



Tues-day 8 a.m.

# WEATHER REPORT.

Feb'y: 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 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 ...	30.33	+ .27	30	30	+1	*	*	S	2	2	N	*	0	*	*
Hernösand ...	30.42	+ .33	27	26	-7	*	*	SSW	2	4	S	*	6	*	*
Stockholm ...	30.36	+ .17	32	32	+4	*	*	E	2	2	E	*	0.0	*	*
Wisby ...	30.32	+ .08	35	33	+5	*	*	ESE	6	4	E	*	0	*	*
Christiansund ...	30.21	+ .35	39	38	-1	*	*	E	2	1	NNN	*	0	*	3
Skudesnaes ...	30.28	+ .33	36	33	-3	*	*	ESE	6	6	SSE	*	0.0	*	4
Oxö (X'tiansand) ...	30.35	+ .02	35	33	-2	*	*	E	4	4	SE	*	0	*	3
Skagen (The Skaw) ...	30.34	+ .22	34	32	-2	*	*	ESE	2	*	*	*	6	*	*
Fanö ...	30.25	+ .20	42	32	+11	*	*	ESE	4	*	*	*	0	*	*
Cuxhaven ...	30.19	+ .15	34	33	+1	40	?	E	4	2	SE	2	0.6	-	?
Sumburgh Head															
Stornoway (Hebrides) ...	29.66	- .07	47	45	+8	48	37	SSW	5	5	SSW	10	6.0	-	6
Thurso ...	29.78	+ .06	41	39	+5	45	35	SSE	3	3	SSE	6	0.0	0.04	2
Wick ...	29.85	+ .10	42	39	+4	44	36	S	5	6	S	8	0.0	-	4
Nairn ...	29.84	+ .07	45	41	+9	45	34	N	2	2	N	6	0.0	-	1
Aberdeen ...	29.97	+ .16	42	41	+11	47	31	S	3	3	S	10	6.0	-	2
Leith ...	29.94	+ .10	43	42	+13	47	29	S	3	2	NE	6	0.0	-	*
Shields ...	30.06	+ .16	40	39	+3	45	35	SSW	3	3	S	6	0.0	-	2
York ...	30.08	+ .19	36	36	-4	47	35	SSE	1	1	NNN	10	0.0	-	*
Scarborough ...	30.09	+ .19	38	37	-4	43	36	SSE	2	2	N	8	6.0	-	2
Nottingham ...	30.07	+ .18	38	38	-4	48	36	SE	1	3	NNN	10	0.0	-	*
Ardrossan ...	29.90	+ .05	47	45	+10	47	37	SSE	3	3	SSE	5	0.0	0.01	0
Greencastle ...	29.79	- .04	45	44	+5	45	39	SSW	6	6	SSW	10	0.0	0.02	*
Donaghadee ...	29.85	+ .03	44	44	+5	47	38	S	5	5	S	4	0.0	-	3
Kingstown ...	29.90	+ .01	45	44	+3	50	41	S	3	3	SSE	7	0.0	-	2
Holyhead ...	29.95	+ .08	47	46	+9	48	38	SSE	3	2	SSE	6	0.0	0.05	2
Liverpool (Bidston Obs.) ...	30.00	+ .08	40	39	+1	49	39	ESE	3	3	SE	10	0.0	0.04	2
Valencia ...	29.74	- .14	49	46	+5	51	42	SSW	6	6	S	7	0.0	0.03	3
Roche's Point ...	29.84	- .02	48	47	+1	51	42	SSW	5	5	SSW	7	0.0	0.20	4
Pembroke ...	29.97	+ .07	46	46	+4	50	42	SSE	5	4	S	6	0.0	-	3
Portishead ...	30.03	+ .09	40	39	+4	53	33	Z	0	?	?	10	0.0	-	0
Scilly ...	29.97	- .00	49	47	+3	52	45	S	4	4	NNN	5	0.0	-	4
Plymouth ...	30.01	+ .05	45	45	+6	52	39	ESE	1	2	NN	10	0.0	0.01	*
Portsmouth ...															
Dover ...	30.03	+ .20	43	42	0	46	40	N	1	1	E	10	6.0	0.02	1
London ...	30.06	+ .20	43	42	0	46	42	NE	1	1	NN	10	6.0	0.08	*
Oxford ...	30.07	+ .18	35	34	-6	43	32	Z	0	2	NNN	10	6.0	0.08	*
Cambridge ...	30.08	+ .25	39	39	-2	45	39	E	1	1	N	9	6.0	0.01	*
Yarmouth ...	30.08	+ .21	39	38	-1	41	38	E	3	3	E	2	6.0	0.02	3
Helder ...	30.12	+ .20	34	*	-1	*	*	E	4	*	*	*	*	*	2
Cape Gris Nez ...	30.02	+ .20	40	40	-1	49	38	E	1	1	E	10	6.0	0.12	1
Brest ...	30.04	- .00	47	45	+1	52	44	S	3	4	NN	1	0.0	-	3
L'Orient ...	?		38	38	-3	56	36	Z	0	3	N	2	0.0	-	2
Rochefort ...	30.10	+ .01	41	39	+2	57	37	SSW	3	3	SSW	6	0.0	-	3
Biarritz ...	30.08	- .02	41	39	-4	50	37	E	3	4	NE	3	0.0	-	4
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.01	+ .10	40	*	0	*	*	SE	3	*	*	*	0	*	*
Charleville ...	? 30.07	+ .06	37	*	+4	*	*	SSE	3	*	*	*	0	*	*
Paris ...	30.06	+ .11	36	?	-4	48	35	SSE	1	4	SN	10	0.0	-	*
Lyons ...	?		42	*	-2	*	*	E	1	*	*	*	6	*	*
Toulon ...	29.96		41	37		50	40	E	3	4	NN	?	0	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.		
Skudesnaes ...	30.06	39	36	SSE	6	*	S	5	Valencia ...	29.82	49	46	SSW	3	5	0
Thurso ...	29.77	44	43	Z	0	10	0	1	Scilly ...	29.91	50	48	NNN	4	8	0
Scarborough...	29.93	43	41	N	2	10	f	2	London ...	29.91	46	44	NNN	1	10	0.0
Greencastle ...	29.85	44	42	SSE	1	2	b	*	Rochefort ...	30.12	55	48	S	3	3	0
Holyhead ...	29.86	47	46	SSE	2	5	m	1								

The fall noticed in the S. of Ireland this morning has now extended to Holyhead and Scilly elsewhere the barometer continues to rise. The wind has veered to SSW at Valencia, hardly any other change is reported.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and a. (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. light; 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. **\* AN ASTERISK** is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m. **N.B.**—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.







Wednesday 8 a.m.

## WEATHER REPORT.

Feb. 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 Dis- tance. 0 to 2.
	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 ...	30.62	+ 30	22	22	-10	*	*	SE	4	2	S	*	0	*	*
Hernösand ...	30.55	+ 13	29	29	+2	*	*	ESE	2	0	Z	*	0	*	*
Stockholm ...	30.40	+ 04	30	29	-2	*	*	E	4	4	E/NE	*	0	*	*
Wisby ...	30.44	+ 12	32	30	-3	*	*	SE	6	2	E	*	0	*	*
Christiansund ...	30.24	+ 03	30	31	-6	*	*	Z	0	0	Z	*	0	*	3
Skudesnaes ...	30.18	- 10	38	34	+2	*	*	ESE	6	6	SSE	*	0	*	4
Oxö (X' Hansand)	30.19	- 16	36	35	+1	*	*	E	4	4	NE	*	0	*	4
Skagen (The Skaw)	30.25	- 09	35	34	+1	*	*	E	6	*	*	*	0	*	*
Fanö ...	30.14	- 11	33	33	-9	*	*	SE	4	*	*	*	0	*	*
Cuxhaven ...	30.13f	- 06	33	32	-1	45	?	SE	3	3	SE	2	0	-	?
Sumburgh Head															
Stornoway (Hebrides)	29.50f	- 16	45	41	-2	48	43	SSE	7	7	SSE	8	0	-	8
Thurso ...	29.69f	- 09	38	35	-3	46	37	SSE	6	6	SSE	?	0	-	3
Wick ...	29.72f	- 13	39	36	-3	44	36	S	7	8	S	6	0	-	6
Nairn ...	29.72f	- 12	39	35	-6	49	38	S	4	4	W	?	0	-	1
Aberdeen ...	29.82f	- 15	39	36	-3	43	38	S	8	8	S	9	0	0.06	6
Leith ...	29.82f	- 12	35	34	-8	51	34	S	3	3	S	8	0	-	*
Shields ...	29.91f	- 15	37	34	-3	42	35	S	3	5	S	5	0	-	2
York ...	29.93f	- 15	33	31	-3	47	31	SE	1	1	SSE	3	0	-	*
Scarborough ...	29.92f	- 17	37	36	-1	42	35	SSE	3	4	SSE	7	0	-	4
Nottingham ...	29.89f	- 18	34	32	-4	45	29	SE	2	4	SE	7	0	-	*
Ardrossan ...	29.69f	- 21	41	38	-6	50	39	ESE	5	6	SE	6	0	-	4
Greencastle ...	29.47f	- 32	44	42	-1	49	43	SSE	8	8	SSE	6	0	0.01	*
Donaghadee ...	29.60f	- 25	44	43	0	50	43	SSE	7	7	S	6	0	-	4
Kingstown ...	29.56f	- 34	45	43	0	50	44	SSE	8	?	SSE	5	0	0.20	5
Holyhead	29.66f	- 29	44	41	-3	51	42	SSW	4	3	S	6	0	-	3
Liverpool (Bidston Obs.)	29.79f	- 21	37	36	-3	47	37	ESE	3	5	ESE	10	0	-	2
Valencia ...	29.23f	- 51	49	48	0	52	45	SSW	6	8	S	8	0	0.14	5
Roche's Point ...	29.37f	- 47	48	47	0	51	46	S	9	9	S	10	0	-	5
Pembroke ...	29.63f	- 34	45	43	-1	49	44	SE	7	7	SE	7	0	0.01	5
Portishead ...	29.79f	- 24	42	42	+2	51	37	SE	5	6	SE	10	0	-	3
Scilly ...	29.58f	- 39	49	46	0	51	46	SSE	7	7	SSE	7	0	-	6
Plymouth ...	29.71f	- 30	46	44	+1	54	43	SSE	4	5	SSE	2	0	-	*
Portsmouth ...															
Dover ...	29.92f	- 11	38	36	-5	44	36	ENE	2	3	ENE	2	0	-	2
London ...	29.90f	- 16	35	34	-8	47	32	ESE	2	3	E	4	0	-	*
Oxford ...	29.85	- 22	38	37	+3	45	35	ESE	2	2	ESE	10	0	-	*
Cambridge ...	29.92f	- 16	32	31	-7	48	26	SE	1	1	E	6	0	-	*
Yarmouth ...	29.97f	- 11	37	36	-2	41	36	SE	4	5	ESE	4	0	-	4
Helder ...	30.04	- 08	32	*	-2	*	*	E	2	*	*	*	0	-	2
Cape Gris Nez ...	29.92f	- 10	31	29	-9	43	31	ESE	3	3	ENE	1	0	-	2
Brest ...	29.73f	- 31	46	44	-1	52	43	SSE	5	5	SSE	1	0	-	4
L'Orient ...	?		44	42	+6	58	37	SSE	4	4	SSE	4	0	-	2
Rochefort ...	29.87f	- 23	36	34	-5	59	32	SE	5	4	SW	0	0	-	3
Biarritz ...	29.84f	- 24	50	48	+9	54	41	S	5	5	E	2	0	-	4
Corunna ...			*	*		*	*				*	*	0	-	*
Brussels ...	29.94	- 07	34	*	-6	*	*	ENE	3	*	*	*	0	-	*
Charleville ...	30.01	- 06	31	*	-6	*	*	ESE	4	*	*	*	0	-	*
Paris ...	29.93f	- 12	39	?	+3	49	38	SE	3	1	NE	10	0	-	*
Lyons ...	?		41	*	-1	*	*	N	3	*	*	*	0	-	*
Toulon ...	30.00f	+ 04	41	39	0	53	39	SE	3	4	E	9	0	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.
Skudesnaes ...	30.30	39	34	SSE	6	*	4	Valencia ...	29.68	51	49	S	7	7
Thurso ...	29.80	45	42	SSE	4	6	3	Scilly ...	29.61	51	48	S	5	5
Scarborough...	30.29	41	39	SSE	4	9	4	London ...	30.04	46	43	E	3	9
Greencastle ...	29.79	49	46	S	6	10	*	Rochefort ...	30.05	55	50	SW	4	5
Holyhead ...	29.93	50	48	S	5	4	2							

The fall of the barometer still continues in the SW, but a recovery has set in, in the N. of Scotland where the winds have backed a little and freshened. The sea is rising on all coasts. —

Winnings were raised to our N. and N. coasts 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 strong 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. light; 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. \* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

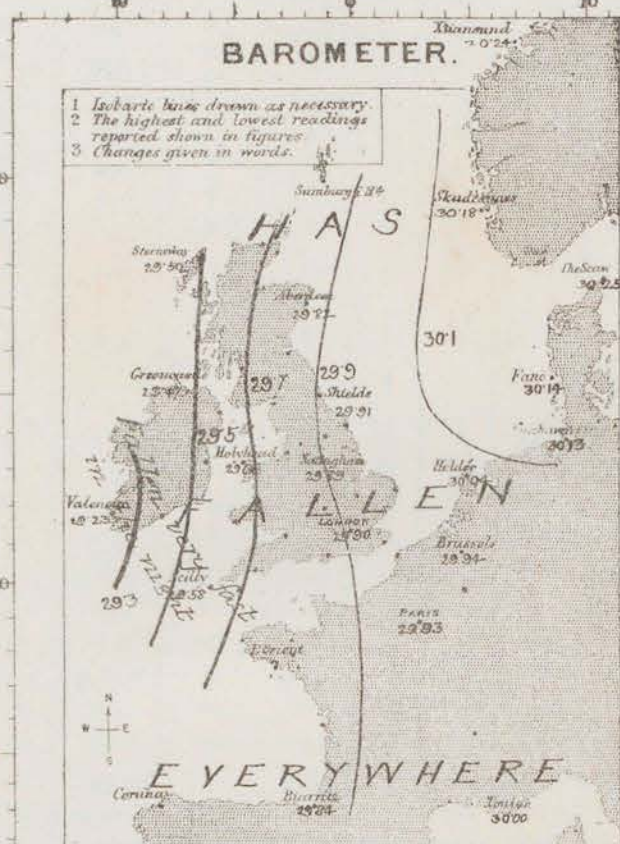
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



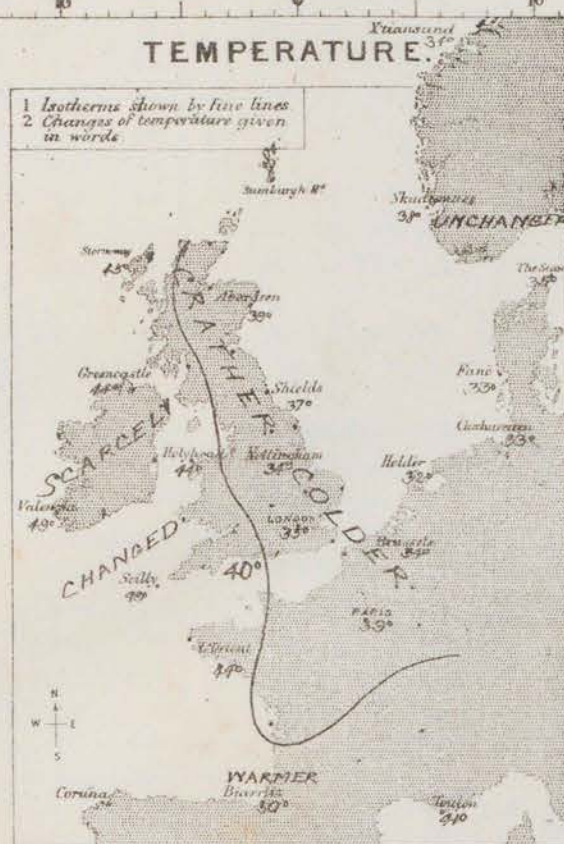
# WEATHER CHARTS

AND REMARKS FOR

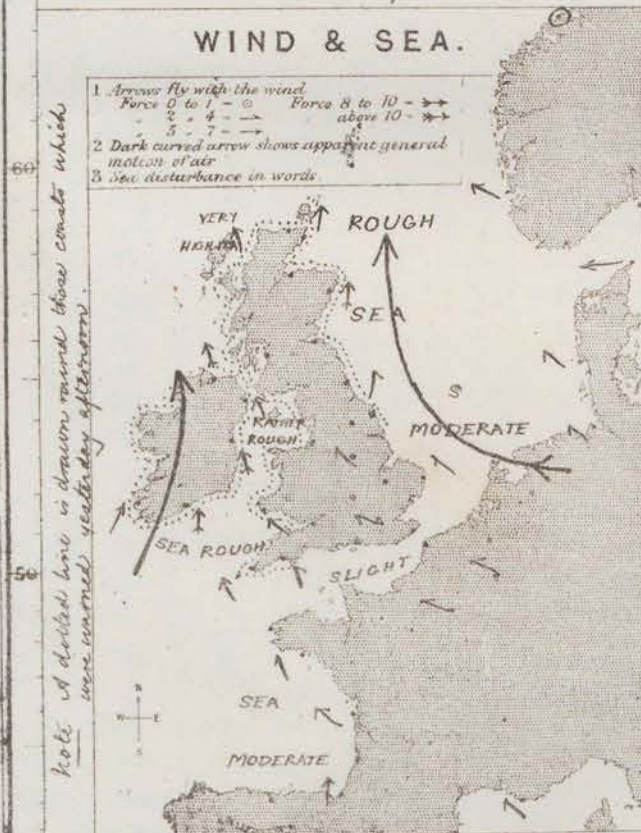
WEDNESDAY 25<sup>TH</sup> FEBRUARY 1874 AT 8 A.M.



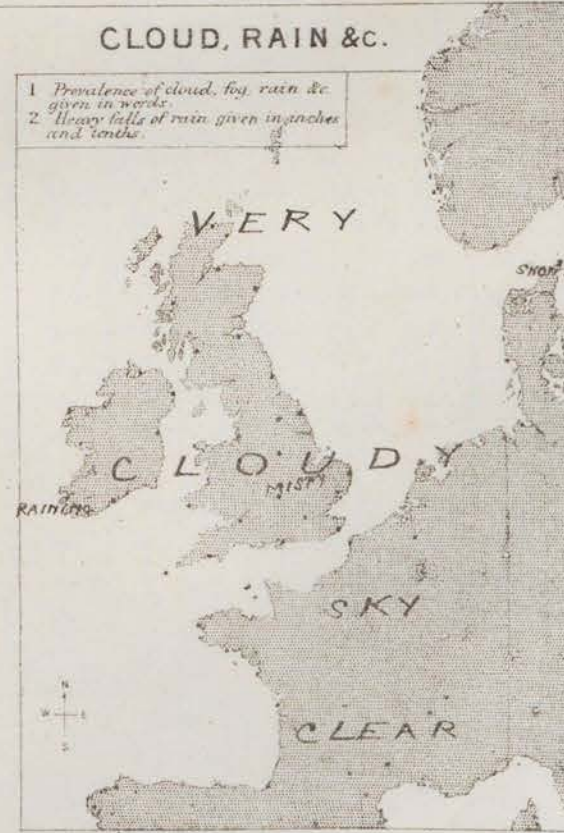
During the night a depression has advanced to the west coast of Ireland, the fall of the barometer at Valencia amounting to half an inch, and the decrease has now extended to all our other stations. The highest pressures are still found over Norway, where the fall has been very slight. Gradients are steepest over the west of our Islands, that from Skutumpah to Shields being only 0.01, while from Shields to Valencia it is 0.10 in. per 50 miles.



Temperature has fallen in the north and east, and remains unchanged elsewhere.



Light SE breezes are reported from the south east of England, and fresh to strong S winds in the west and north which have increased to a gale at several stations. E breezes continue on the eastern shore of the North Sea. The sea is very high at Stormway, and rough on our west and north coasts generally.



The sky is very cloudy except in the south of England and in France, with a little mist in the south east.

Warnings were issued to our west and north coasts yesterday afternoon.

Subscriptions for these Charts payable in advance. Lower delivery. Delivery by hand 10/- per quarter. Book post 3/- per quarter.

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

Vincent Brooks Day & Son Ltd. London W.C.



Thurs-day 8 a.m.

# WEATHER REPORT.

Feb: 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.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	30.69	+ .06	11	10	-12	*	*	E	2	4	NN	*	ob	*	*
Hernösand ...	30.50	- .05	26	25	-3	*	*	E	2	2	ESE	*	o	*	*
Stockholm ...	30.26	- .14	28	27	-2	*	*	E	4	4	ENE	*	oo	*	*
Wisby ...	30.25	- .19	31	30	-1	*	*	SE	6	2	E	*	co	*	*
Christiansund ...	29.98	- .26	39	32	+6	*	*	SE	6	4	ESE	*	o	*	3
Skudesnaes ...	29.91	- .27	34	29	-4	*	*	ESE	8	6	ESE	*	ob	*	7
Oxö (Christiansand)	?		32	31	-4	*	*	ENE	6	6	E	*	of	*	4
Skagen (The Skaw)	30.56	- .19	30	30	-5	*	*	E	6	*	*	*	o	*	*
Fanö ...	29.90	- .24	31	29	-2	*	*	ESE	6	*	*	*	o	*	*
Cuxhaven ...	29.85f	- .28	35	35	+2	40	?	SE	3	4	E	8	co	-	?
Sumburgh Head															
Stornoway (Hebrides)	28.85f	- .65	43	40	-2	45	41	SE	7	?	SE	8	ow	-	8
Thurso ...															
Wick ...															
Nairn ...	29.04f	- .68	41	39	+2	44	38	SSE	8	10	S	10	ow	-	5
Aberdeen ...	29.25f	- .57	40	38	+1	42	39	SSE	10	10	SSE	10	ow	-	?
Leith ...	29.10f	- .72	41	41	+6	42	34	S	4	4	S	9	o	0.02	*
Shields ...	29.23f	- .68	41	39	+4	42	36	SSE	8	10	SSE	9	ow	-	6
York ...	29.24f	- .69	40	39	+7	45	33	SSE	3	4	SSE	10	qtrn	0.03	*
Scarborough ...	29.27f	- .65	41	39	+4	41	36	SSE	9	9	SSE	10	ow	-	6
Nottingham ...	29.23f	- .66	42	41	+8	42	33	SE	5	6	SE	10	ow	0.07	*
Ardrossan ...	28.88f	- .81	41	39	0	45	39	ESE	8	9	ESE	9	ow	0.05	6
Greencastle ...	28.63f	- .84	45	44	+1	46	42	SSE	7	10	SE	10	og	0.26	*
Donaghadee ...	28.74f	- .86	44	43	0	44	42	SSE	7	9	SSE	10	ow	0.14	7
Kingstown ...	28.73f	- .83	46	45	+1	49	45	SSE	6	9	SSE	7	qtrn	1.48	5
Holyhead ...	28.79f	- .87	47	46	+3	49	43	SSE	8	9	SSE	7	ow	0.27	5
Liverpool (Bidston Obs.)	28.95f	- .84	43	42	+6	42	36	ESE	6	7	ESE	10	ow	0.06	4
Valencia ...	28.56f	- .67	44	42	-5	57	41	SW	6	9	SSW	4	wp	0.32	6
Roche's Point ...	28.63f	- .74	47	45	-1	49	44	SSW	8	10	S	8	ow	0.42	6
Pembroke ...	28.81f	- .82	48	47	+3	48	44	S	8	10	S	10	ow	0.46	7
Portishead ...	29.04f	- .75	48	47	+6	51	42	S	8	8	S	10	ow	0.06	5
Scilly ...	28.88f	- .70	48	47	-1	51	47	SSW	7	8	SSE	7	ow	0.48	6
Plymouth ...	29.02f	- .68	49	49	+3	50	45	S	8	10	S	10	q	0.28	*
Portsmouth ...															
Dover ...	29.45f	- .47	43	41	+5	44	36	SSE	5	4	SE	7	og	-	5
London ...	29.31f	- .59	45	43	+10	46	40	SSE	5	7	SSE	10	ow	0.07	*
Oxford ...	29.24	- .61	45	44	+7	45	38	SE	6	7	SE	10	ow	0.08	*
Cambridge ...	29.34f	- .58	41	40	+9	42	30	SE	2	3	SE	10	ow	0.01	*
Yarmouth ...	29.48f	- .49	39	38	+2	41	35	SE	7	8	SE	5	ow	-	5
Helder ...	29.71	- .33	?	?	+1	*	*	ESE	5	*	*	*	*	*	4
Cape Gris Nez ...	29.45f	- .47	40	36	+9	44	30	S	4	4	SE	7	ow	-	3
Brest ...	29.10f	- .63	50	48	+4	53	46	S	9	9	S	10	ow	0.20	7
L'Orient ...	?		49	47	+5	55	43	S	8	8	S	10	ow	0.16	7
Rochefort ...	29.50f	- .37	46	42	+10	57	34	S	5	5	SE	10	ow	-	3
Biarritz ...	29.57f	- .27	39	37	-11	61	34	SSW	7	7	S	5	ow	-	3
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	29.62	- .32	39	*	+5	*	*	E	3	*	*	*	ow	*	*
Charleville ...	? 29.72	- .29	34	*	+3	*	*	SE	3	*	*	*	ow	*	*
Paris ...	29.59f	- .04	40	?	+1	47	38	SE	4	4	SE	10	ow	-	*
Lyons ...	?		50	*	+9	*	*	S	3	*	*	*	ow	*	*
Toulon ...	29.935	- .07	45	43	+4	51	41	E	7	4	E	9	ow	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sen.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	
Skudesnaes ...	30.08	40	35	ESE	6	*	0	6	Valencia ...	29.09	49	47	SSW	4	7
Thurso ...	29.56	48	45	S	8	7	0	4	Scilly ...	29.42	51	49	SSW	8	7
Scarborough...	29.77	49	37	SSE	6	7	0	5	London ...	29.76	45	42	SE	3	10
Greencastle ...	29.33	46	43	SSE	8	9	5	*	Rochefort ...	29.78	55	48	SE	5	0
Holyhead ...	29.49	48	45	SSE	5	2	6	4							

The fall of the barometer has slackened a little at Valencia but continues elsewhere. The wind has fallen lighter at Valencia but the S by gale still holds at our other W and N stations.

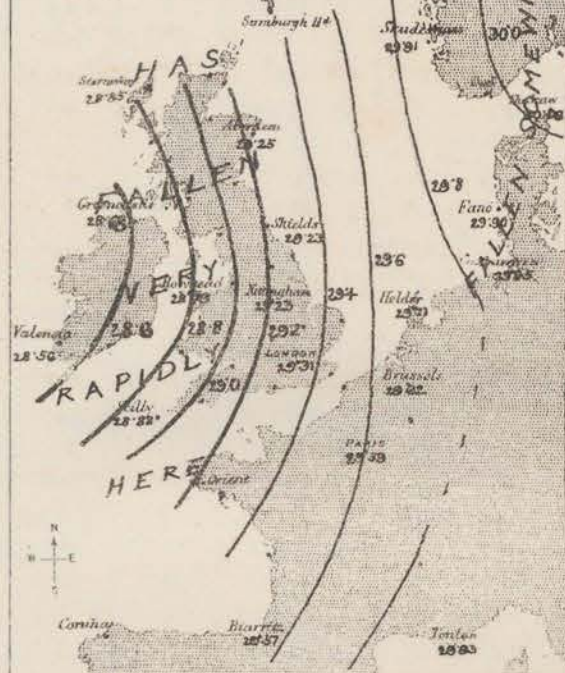
## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light; 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. \* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

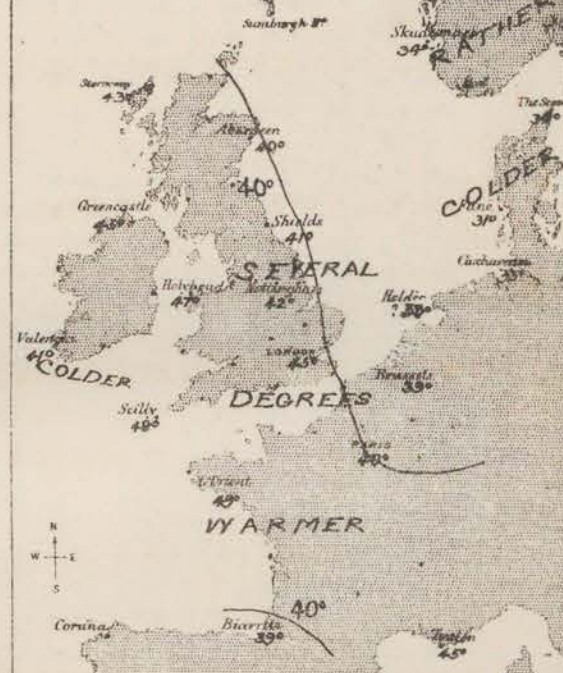
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



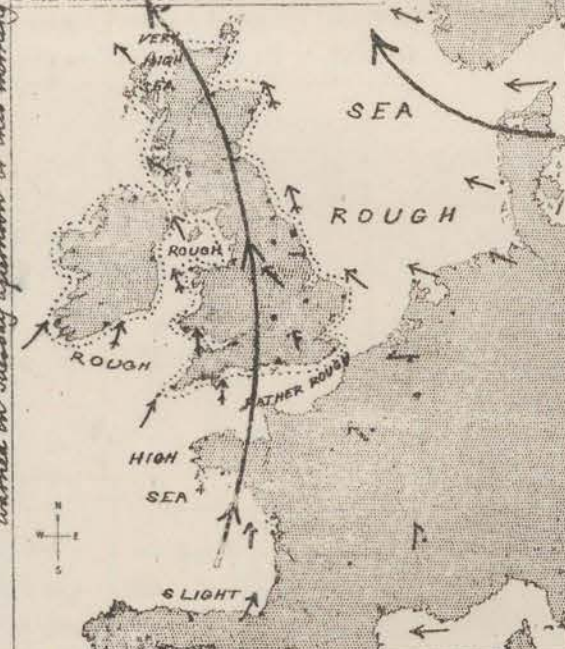
THURSDAY 26<sup>TH</sup> FEBRUARY 1874 AT 8 A.M.



The barometer continues to fall rapidly over our Islands and the west of France, an uniform decrease of about half an inch being, occurred at all our western and northern stations during the night. The fall along the eastern shores of the North Sea has been lighter, and the highest readings are found over Norway and the lowest over the west of Ireland. The gradient from Skiesness to Greenacres is 0.15 in. per 50 miles.



Temperature has risen over England and France, but fallen in Denmark and at our south-western stations.



The S<sup>th</sup> gale has increased over all the western and northern parts of the Kingdom last night and extended down the east coast to Scarborough. The force of the gale has abated somewhat this morning at most stations but is still violent at Aberdeen. Fresh E<sup>th</sup> winds are experienced in Norway and Denmark, and a S<sup>th</sup> gale is now blowing in the north-west of France. The sea is very rough on all coasts.



Rain has fallen at almost all stations -  
very heavily at Kingstown, and equally overcast  
weather has been experienced at nearly all stations.

Franklin extended to the remainder of the south and east coasts this morning.

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

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

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.



Fri - day 8 a.m.

# WEATHER REPORT.

Feb: 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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.				
Haparanda ...	30.69	00	24	24	+10	*	*	S	6	2	S	*	00	*	*
Hernösand ...	30.45	-05	26	26	0	*	*	ESE	2	4	ENE	*	0	*	*
Stockholm ...	30.29	+03	30	30	+2	*	*	SE	6	1	ENE	*	0	*	*
Wisby ...	30.28	+03	32	32	+1	*	*	SW	6	2	SW	*	00	*	*
Christiansund ...	29.65	-38	39	32	0	*	*	SE	6	8	SE	*	70	*	3
Skudesnaes ...	29.53	-38	40	35	+6	*	*	ESE	10	8	ESE	*	0	*	8
Oxö (X'honsand) ...	29.78		37	36	+5	*	*	ESE	8	8	ENE	*	0.2f	*	8
Skagen (The Skaw) ...	29.95	-11	36	34	+6	*	*	SE	8	*	*	*	0	*	*
Fanö ...	29.57	-33	35	34	+4	*	*	SE	8	*	*	*	0	*	*
Cuxhaven ...	29.62f	-23	36	35	+1	?	33	SE	7	5	ESE	8	0	-	?
Sumburgh Head ...															
Stornoway (Hides) ...	28.71n	-14	45	41	+2	45	40	SSE	6	5	?	3	00	0.11	8
Thurso ...															
Wick ...															
Nairn ...	28.86n	-18	42	40	+1	43	38	SW	1	8	SSE	9	40	0.10	1
Aberdeen ...	28.89f	-26	42	42	+2	53	38	S	1	11	SSE	10	2m	0.78	5
Leith ...	28.91s	-19	39	39	-2	46	38	SE	1	5	S	10	2f	0.21	*
Shields ...	28.94f	-29	43	41	+2	46	40	WSW	3	9	SSE	10	0m	0.45	7.5
York ...	29.03n	-21	40	39	0	48	39	WSW	2	5	SSE	10	qnd	0.47	*
Scarborough ...	29.03n	-24	40	40	-1	46	40	N	4	10	SSE	10	n	1.12	4
Nottingham ...	29.09n	-14	40	40	-2	49	40	S	3	6	SSE	10	nw	0.39	*
Ardrossan ...	28.87n	-01	44	42	+3	49	40	ESE	2	9	ESE	8	qhw	0.09	3
Greencastle ...	28.79n	+16	41	40	-4	46	40	S	6	7	SSE	1	ob	0.11	*
Donaghadee ...	28.83n	+09	42	42	-2	49	42	SSE	5	9	SSE	3	0	0.15	3
Kingstown ...	28.85n	+12	43	41	-3	49	42	SSE	4	6	S	7	tlc	0.12	3
Holyhead ...	28.89n	+10	45	43	-2	50	44	SSW	5	8	SSE	3	pt	0.14	3
Liverpool (Bidston Obs.) ...	28.99n	+04	40	38	-3	49	40	SE	3	6	ESE	9	om	0.21	2
Valencia ...	28.95n	+39	44	42	0	48	40	N	7	9	WSW	7	tlp	0.32	7
Roche's Point ...	28.85n	+22	43	42	-4	49	41	N	4	9	SW	8	llc	0.35	5
Pembroke ...	28.95n	+14	46	43	-2	49	44	SSW	6	7	S	5	pc	0.09	7
Portishead ...	29.11n	+07	44	42	-4	51	41	SW	4	9	S	5	nqo	1.02	3
Scilly ...	29.10n	+22	47	44	-1	53	44	SW	7	7	SSW	7	wqj	0.04	7
Plymouth ...	29.13n	+70	46	44	-3	51	44	SW	4	8	SE	2	qtb	0.24	*
Portsmouth ...															
Dover ...	29.22f	-23	46	44	+3	49	42	SW	5	7	SSW	2	nw	0.32	4
London ...	29.24f	-07	48	44	+3	50	42	SSW	3	8	S	5	no	0.74	*
Oxford ...	29.16	-08	41	40	-4	48	39	S	2	6	SSE	8	no	0.69	*
Cambridge ...	29.16n	-18	41	40	0	48	40	SW	2	4	SSE	10	po	0.24	*
Yarmouth ...	29.14f	-34	45	44	+6	46	39	S	6	8	SSE	7	2qo	0.27	5
Helder ...	29.33	-38	44	*	+11	*	*	SE	6	*	*	*	*	*	2
Cape Gris Nez ...	29.21f	-24	46	46	+6	50	40	SSW	7	7	S	10	n	0.32	4
Brest ...	29.25n	+15	48	48	-2	52	42	WSW	7	9	S	7	no	0.10	6
L'Orient ...	?		46	44	-3	55	44	SW	3	8	S	9	no	0.79	6
Rochefort ...	29.43n	-07	48	44	+2	54	44	SSW	4	8	S	10	0	0.39	5
Biarritz ...	29.52n	-05	51	49	+12	?	39	S	5	8	WSW	4	0	-	7
Corunna ...			*	*		*	*			*	*	*	*	*	*
Brussels ...	29.35	-27	52	*	+13	*	*	SE	9	*	*	*	0	*	*
Charleville ...	? 29.50	-22	50	*	+16	*	*	SE	3	*	*	*	no	*	*
Paris ...												*		*	*
Lyons ...	?		50	*	0	*	*	S	12	*	*	*	0	*	*
Toulon ...	29.84f	-09	48	46	+3	49	40	E	8	5	E	9	0	0.08	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.78	34	30	E	8	*	0	6	Valencia ...	28.57	48	44	WSW	8	5
Thurso ...									Scilly ...	28.88	51	50	SSW	6	7
Scarborough...	29.12	41	41	SSE	10	10	n	7	London ...	29.22	48	46	SSE	5	10
Greencastle ...	28.65	46	42	S	5	9	0		Rochefort ...	29.42	50	45	S	7	10
Holyhead ...	28.85	49	46	SSE	4	7	m	4							

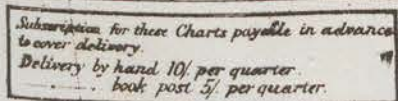
A slight recovery of pressure has taken place in the N. of our Islands the fall still continuing elsewhere most at Scarborough where the SSE gale has freshened with a rougher sea. At Valencia the wind has veered to WSW. and increased in force and a SE gale is blowing at Rochefort.

## 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. light; 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.  
\* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.  
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



FRIDAY 27<sup>TH</sup> FEBRUARY 1874 AT 8 A.M.



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

Vincent Brooks Day & Son Lith. London W.



Saturday 8 a.m.

# WEATHER REPORT.

Feb. 28<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force.	Force.	Direc.				
									(0 to 12.)	(0 to 12.)					
Haparanda ...	30.82	+ .13	15	14	-9	*	*	S	6	4	SE	*	2	*	*
Hernösand ...	30.62	+ .17	32	32	+6	*	*	SSE	6	4	SE	*	0	*	*
Stockholm ...	30.59	+ .30	31	30	+1	*	*	SE	6	6	SE	*	20	*	*
Wisby ...	30.61	+ .33	28	26	-4	*	*	SE	6	2	S	*	2	*	*
Christiansund ...	29.97	+ .32	45	37	+6	*	*	SE	6	10	SE	*	0.7	*	3
Skudesnaes ...	30.06	+ .53	41	37	+1	*	*	ESE	6	8	ESE	*	20	*	4
Oxö (X'tiansand)	30.17	+ .39	37	36	0	*	*	SE	8	10	ESE	*	SW	*	8
Skagen (The Skaw)	30.25	+ .30	37	35	+1	*	*	SE	8	*	*	*	0	*	*
Fanö ...	30.03	+ .46	37	37	+2	*	*	SE	6	*	*	*	0	*	*
Cuxhaven ...	29.99	+ .37	39	38	+3	?	35	SSE	4	6	SSE	8	0	-	?
Sumburgh Head															
Stornoway (Hebrides)	29.63	+ .92	36	35	-9	47	34	N	2	8	SSW	3	pt	0.22	5
Thurso ...	29.68		36	35		44	36	S	2	4	S	3	00	0.01	2
Wick ...	29.74		41	40		44	39	Z	0	4	S	3	0.7	0.01	4
Nairn ...	29.75	+ .89	41	38	-1	48	40	SW	2	2	SSW	4	0	-	2
Aberdeen ...	29.81	+ .92	38	37	-4	44	37	WSW	1	4	?	0	0.7	0.17	4
Leith ...	29.85	+ .94	40	39	+1	53	37	SW	2	4	SW	0	0.7	0.03	*
Shields ...	29.82	+ .88	40	38	-3	48	33	WSW	2	7	S	5	0	0.06	3
York ...	29.94	+ .91	35	35	-6	51	34	SSE	1	3	S	5	0.7	-	*
Scarborough ...	29.94	+ .91	40	39	0	49	37	WSW	1	5	S	1	0.7	0.02	2
Nottingham ...	29.93	+ .84	31	31	-9	53	30	WN	1	7	SSW	0	0.7	-	*
Ardrossan ...	29.82	+ .95	42	40	-2	49	41	S	4	4	S	4	0	0.05	3
Greenecastle ...	29.75	+ .96	38	37	-3	45	37	S	3	6	S	2	0.7	0.05	*
Donaghadee ...	29.80	+ .97	37	36	-5	48	34	S	3	5	SSE	2	0.7	0.02	2
Kingstown ...	29.84	+ .99	39	37	-4	59	39	S	4	4	SSE	5	0	-	2
Holyhead	?		42	41	-3	58	40	SSW	2	6	SSW	0	0.7	0.11	1
Liverpool (Biddston Obs.)	29.91	+ .92	37	36	-3	48	35	SE	2	6	SSE	1	0.7	-	2
Valencia ...	29.62	+ .67	45	43	+1	48	42	SSW	6	6	N	5	0.7	-	5
Roche's Point ...	29.75	+ .90	45	42	+2	48	36	SW	5	5	SW	7	0.7	0.02	5
Pembroke ...	29.89	+ .94	44	42	-2	48	42	SSW	2	10	WSW	4	0.7	0.30	3
Portishead ...	29.94	+ .83	35	35	-9	53	33	SE	1	7	WSW	3	0.7	0.11	1
Scilly ...	29.93	+ .83	45	42	-2	48	41	SSW	5	9	SW	6	0.7	0.06	5
Plymouth ...	29.95	+ .82	37	37	-9	52	34	S	2	4	SW	1	0.7	0.01	*
Portsmouth ...															
Dover ...	29.97	+ .75	42	42	-3	48	40	WN	2	5	WSW	5	0.7	-	1
London ...	29.90	+ .66	39	38	-9	56	33	Z	0	4	SW	4	0	-	*
Oxford ...	29.98	+ .82	31	31	-10	52	31	Z	0	7	SW	10	0.7	-	*
Cambridge ...	29.98	+ .82	38	38	-3	53	32	SW	1	3	SW	7	0	-	*
Yarmouth ...	29.97	+ .83	39	39	-6	51	37	N	1	4	SW	10	0.7	-	3
Heider ...	29.94	+ .61	43	*	-1	*	*	E	3	*	*	*	*	*	2
Cape Gris Nez ...	29.95	+ .74	44	42	-2	50	43	Z	0	5	SSW	9	0	-	1
Brest ...	30.00	+ .75	46	44	-2	53	42	WSW	3	7	WSW	3	0.7	0.08	5
L'Orient ...	?		41	41	-5	50	40	WSW	1	4	WSW	1	0.7	-	5
Rochefort ...	30.06	+ .63	41	39	-7	54	37	N	1	5	SW	3	00	0.12	3
Biarritz ...	30.10	+ .58	50	48	-1	51	43	WN	7	7	N	7	0	0.28	7
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.95	+ .60	48	*	-4	*	*	NE	3	*	*	*	0	*	*
Charleville ...	29.93	+ .43	45	*	-5	*	*	E	6	*	*	*	0	*	*
Paris ...	29.99		44	?	*	51	44	WN	3	5	SW	10	0	0.20	*
Lyons ...	?		48	*	-2	*	*	WN	3	*	*	*	0	*	*
Toulon ...	29.71	- .12	48	48	0	53	46	E	8	8	E	10	0.7	0.39	6

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

	Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wca.	
Skudesnaes ...	29.56	40	36	SE	10	*	W	8	Valencia ...	29.24	46	42	N	6	5
Thurso ...									Scilly ...	29.38	48	45	WSW	7	8
Scarborough...	29.21	48	44	S	5	5	C	5	London ...	29.41	53	48	SSW	4	7
Greenecastle ...	28.95	44	43	WSW	4	7	C	*	Rochefort ...	29.58	48	45	SW	5	10
Holyhead ...	29.07	47	45	SSW	5	7	29m	4							

The recovery of pressure has now extended to all stations and become brisk in the SW. While the wind at Greenecastle and Scilly has veered to WSW, that at Scarborough has backed to S. and freshened a little. The sea continues very high and drums lowered in the N. and S. 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; i. light 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. \* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

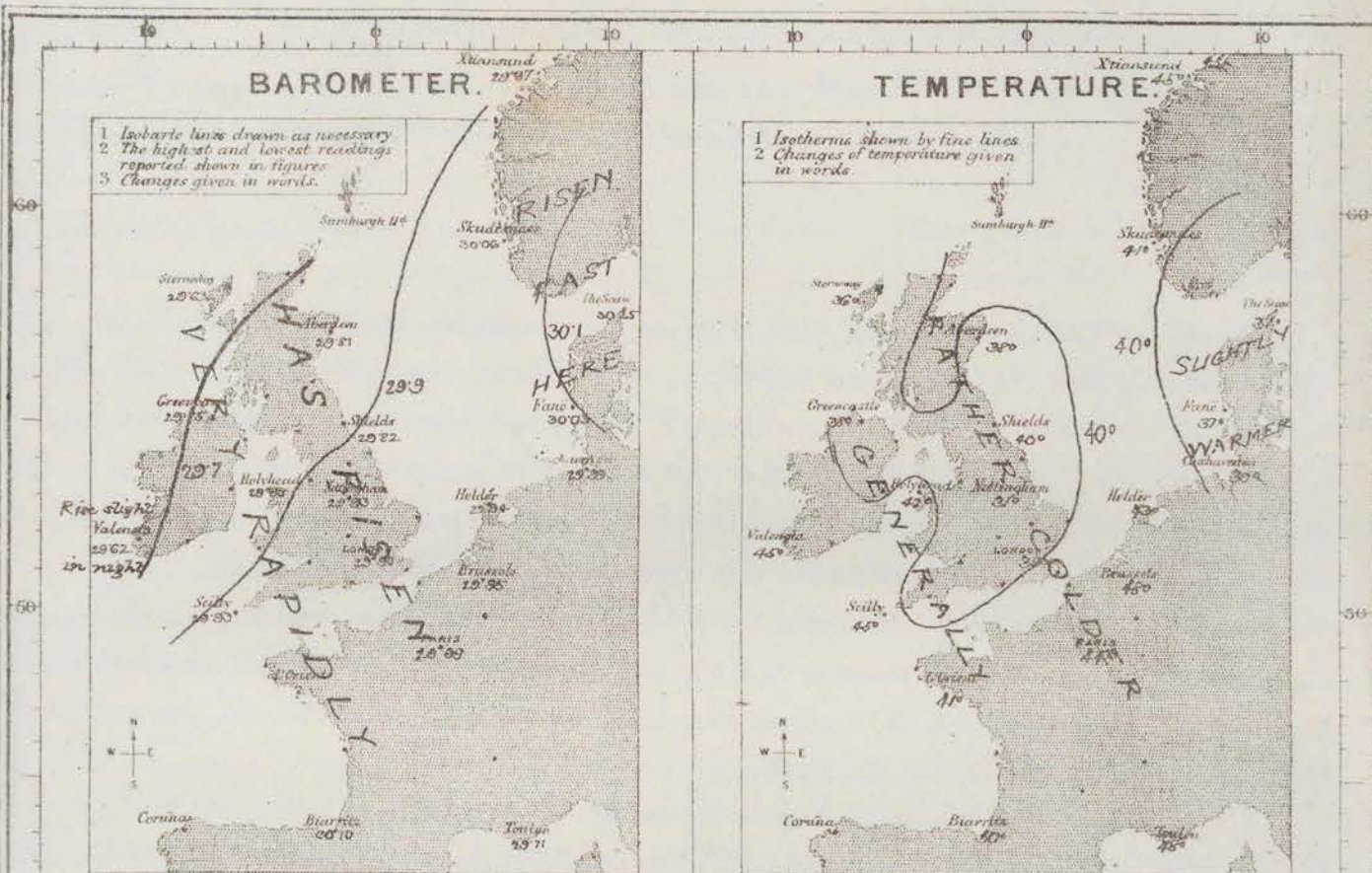
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS

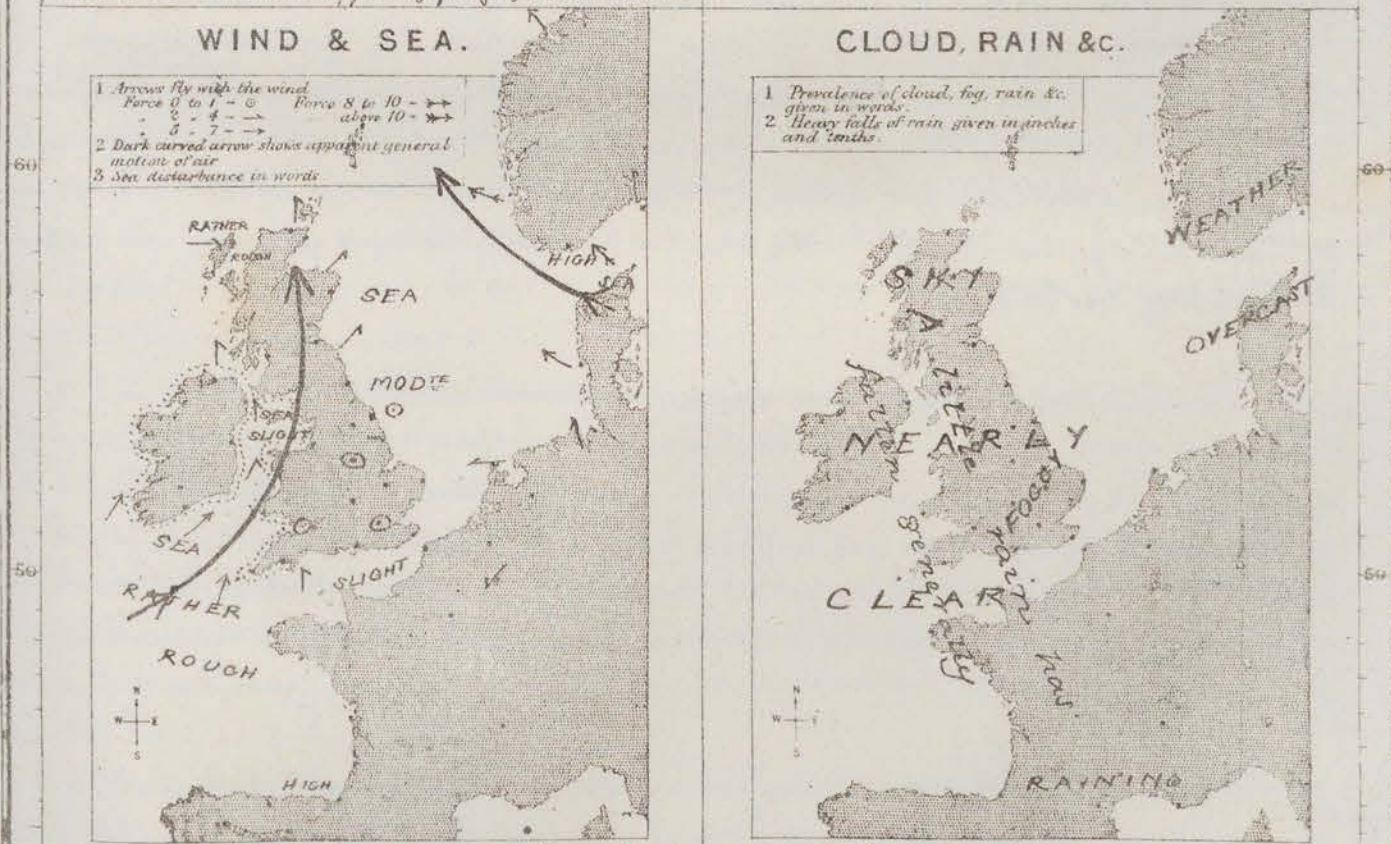
AND REMARKS FOR

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



The rise of the barometer noticed yesterday has, during the past, become very rapid over our Islands, amounting to nearly an inch over the Irish Sea and in the north, and the increase has now extended though in a less degree to all parts of western Europe except the extreme south east of France. The highest pressure now lies over Scandinavia and the S.W. of France and the lowest over Ireland. Gradients are slight, that from Scilly to Valencia being 0.07 in per 50 miles, but the barometer is apparently falling again in the west.

Temperature has fallen a few degrees over S.E. Britain but risen slightly at our south western stations and in Denmark and Norway, while it has fallen in Sweden.



A S.E. gale still holds over the Skager Rack, but the force has abated somewhat since yesterday. The wind having backed at our south western stations, moderate to fresh S.W. winds prevail there, drawing into S in the north west. Light, variable air prevails over England and the west of France, with an E. gale at London. The sea is rather rough in the south west and in the Bay of Biscay.

Rain has fallen at most stations except in the south east. The sky has cleared very considerably but fog or mist prevails at several stations.

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

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

Vincent Brooks Day & Son Ltd. London W.



# SUMMARY OF WEATHER IN WESTERN EUROPE

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

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

This week we have witnessed a very interesting struggle between the Polar and Equatorial currents. An area of high pressure gradually advanced over Russia to the Baltic and at the same time the barometer fell seriously on our coasts, so that on the 26<sup>th</sup> and 27<sup>th</sup> the extreme difference in readings in an east and west direction over the area covered by our reports amounted to two inches. The result was a very violent Southern gale, which did much damage, on the east coast of Scotland. It was prevented advancing over England for two whole days by the fact that temperature here continued very low. Ultimately the weather grew warmer and the southerly winds established themselves over Gt Britain, while a heavy SE storm was blowing in the Skag Rack. On the 28<sup>th</sup> a rise in pressure of nearly an inch occurred at all stations and was apparently the precursor of a period of high barometrical readings and light winds, as there seems no immediate prospect of the setting in of the spring East winds. —

FEB: 22: Readings were comparatively uniform a brisk rise in Scotland and a fall over England and also at the continental stations having reduced the gradients for SW winds prevailing on the 21<sup>st</sup> and as for the distribution in Europe as shown by the Bulletin International the greatest difference did not exceed an inch. Winds were consequently light and variable a moderate NW current ruling over the Bay of Biscay and fresh S<sup>W</sup> breezes in Denmark. Temperature had fallen at some of our stations.

FEB: 23: The changes of pressure over these Islands were slight but a steady rise of the Barometer over the Baltic and Russia showed that the high winter pressure prevailing over Siberia was advancing westwards. It caused the wind over Denmark to back to SE. while at the same time light S<sup>W</sup> airs appeared on our W. coasts and gained strength as the day wore on. Temperature fell generally, even more than 10° in the east of Scotland. —

FEB: 24: The conditions became more aggravated. The barometer at Moscow had risen to 30.5 ins. with a temperature of 32°F, while a steady fall had gone on all along our W. coasts, producing a gradient of 0.10 in. per 50 mls from Skudisuaas to Stromway at 8 a.m., and strong S<sup>W</sup> breezes had established themselves over the whole of Ireland, Wales and Scotland but had not extended to the midland counties and E. of England where temperature was very low and dull misty <sup>weather</sup> was reported. At the same time the winds to the E. of the North Sea had drawn into ESE and continued to blow freshly. No rain of any consequence fell in these Islands.

FEB: 25: A serious decrease of pressure had occurred at our W. stations and the barometer had fallen although to less extent over Gt Britain and France and even over S. Norway while a still greater accumulation of pressure is noticeable over the Gulf of Bothnia, the reading at Haparanda being 30.1. Although therefore the gradients across the North Sea were not much changed at 8 a.m. the wind had risen to a gale from S. over the entire of Ireland, St Georges Channel and the North of Scotland and it was evident that the storm would be a serious one in the last named district, the conditions being in some respects very similar to those which had preceded the tremendous S<sup>W</sup> gales of Feb. 5<sup>th</sup> and 6<sup>th</sup>, 1870 on the east of Scotland. Rain now began to fall but was local in its distribution, the area



collected at Kingstown during the 25<sup>th</sup> being 1.48 ins., while it was only 0.27 in. at Holyhead distant only about 60 miles. During the day the barometer continued to fall, temperature rose and the gale gradually advanced Eastwards extending to the W. of France and the Bristol Channel and down the East coast of England.

FEB. 26: A further and a rapid decrease is reported from Ireland where the reading at Valence was only 28.56 in. that at Haparanda being 2.10 in. higher. In Scotland the fall had exceeded half an inch while in the W. of Norway it was about half that amount, the consequence was that the gradients already steep became much steeper and a SSE. gale of exceptional fury raged at many of our stations especially at Aberdeen and interrupted telegraphic communication with Caithness, and in Norway the S. wind rose to the force of a gale. The extension of the S<sup>W</sup> winds to the east of England naturally brought with it a rapid rise of temperature. Rain fell every where and a heavy thunderstorm with hail was reported from Cork at noon and similar occurrences took place at other Irish stations where the wind drew to the westward and moderated.

FEB. 27: The decrease of pressure had extended over the North Sea while readings further to the eastward had not given way so that the efflux of cold SE winds continued and the force rose to that of a strong gale. A brisk rise of the barometer had occurred on our SW. coasts but fresh SW. winds blew in St George's Channel. In Scotland there was nearly a dead calm at 8 a.m. though the difference in readings between Haparanda and Stromway was all but 2 inches. The weather cleared and temperature fell considerably.

FEB. 28: A rise of nearly an inch was reported at most of our stations and of less amount in Norway (though Haparanda reports 20.82) so that much greater uniformity was produced than had of late been found but at the same time there was a suspicious backing of the wind at Valence from W. to SW. with a high sea which showed the proximity of another cyclonic area to that station. Elsewhere the winds were very light and in Norway the gale moderated. The fall of the barometer made further progress during the day at Valence and before next morning a S<sup>W</sup> gale, but of no great violence prevailed along St George's Channel and over Ireland. —

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#### NOTICE

The Meteorological Committee have resolved to commence the issue of lithographed copies of the 24 Hourly Tabulated Readings, taken at their 7 Observatories for every element which is observed continuously, commencing with Jan'y 1. 1874. The sheets will be issued Quarterly and the issue will be a limited one.

The subscription for a copy is £1.0.0 per annum to cover a portion of the expenses of production. The sheets will not be distributed with the publications of the Office.

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ROBERT H. SCOTT, Director.



## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR FEB 1874.

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

DATE	STATIONS	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort scale.	Rainfall. In past 24 hours.	Sea Disturb- ance. 0 to 9.	
		At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M. Direc. (0 to 12.)	Extreme.						
				Dry bulb.	Wet bulb.		Max.	Min.		Direc.	Force. (0 to 12.)					Force. (0 to 12.)
1 <sup>st</sup>	Sumburgh H.	30.13r	+ .31	42	41	- 1	46	40	WNW	5	5	WNW	5	bc	-	5
"	Naism	30.34s	+ .04	43	40	- 2	48	41	W	1	4	W	4	oc	-	1
2 <sup>nd</sup>	Sumburgh H.	29.93f	- .20	44	44	+ 2	46	43	W	6	5	W	10	o	0.03	5
"	Corunna	30.28	-	45	*	-	*	*	NE	6	*	*	*	br	*	4
3 <sup>rd</sup>	Sumburgh H.	30.32r	+ .39	37	36	- 7	46	34	N	3	6	N	3	c	-	2
"	Corunna	29.89	- .39	46	*	+ 1	*	*	NE	3	*	*	*	b	*	2
4 <sup>th</sup>	Sumburgh H.	30.19f	- .13	44	40	+ 7	46	40	E	5	5	WNW	9	co	-	4
"	Corunna	30.28	+ .39	48	*	+ 2	*	*	NE	6	*	*	*	b	*	2
5 <sup>th</sup>	Haparanda	29.04	- 1.00	23	22	+ 22	*	*	SW	4	6	SW	*	oc	*	*
"	Hernösand	29.41	- .78	39	35	+ 13	*	*	SW	2	4	WSW	*	c	*	*
"	Stockholm	29.77	- .38	33	32	+ 6	*	*	W	6	4	SSW	*	b	*	*
"	Widby	30.01	- .20	35	33	+ 2	*	*	SW	2	2	SW	*	b	*	*
"	Christiansund	29.58	- .97	44	43	+ 5	*	*	SW	10	10	WSW	*	r	*	8
"	Skudesneves	30.22	- .22	43	42	+ 6	*	*	W	6	6	W	*	oc	*	3
"	Oso	30.17	- .26	44	41	+ 6	*	*	W	6	6	SW	*	ob	*	3
"	Skagen	?	?	42	41	+ 1	*	*	NW	8	*	*	*	b	*	*
"	Tano	30.39	- .10	41	41	+ 6	*	*	WNW	6	*	*	*	c	*	*
"	Sumburgh H.	30.11f	- .08	45	45	+ 1	46	40	W	6	6	W	9	og	-	5
"	Corunna	30.68	+ .40	43	*	- 5	*	*	NE	3	*	*	*	b	*	2
6 <sup>th</sup>	Sumburgh H.	30.12f	+ .01	46	46	+ 1	48	43	W	4	3	W	9	g	-	3
7 <sup>th</sup>	Haparanda	29.75	-	2	1	-	*	*	NW	4	2	SW	*	ob	*	*
"	Hernösand	29.84	- .21	21	20	- 1	*	*	NNW	4	2	NW	*	b	*	*
"	Stockholm	29.73	- .32	27	25	+ 5	*	*	NNW	2	1	W	*	bo	*	*
"	Widby	29.78	- .36	35	35	+ 5	*	*	NW	6	6	W	*	bs	*	*
"	Christiansund	30.02	- .18	30	28	- 4	*	*	NE	6	4	N	*	s	*	4
"	Skudesneves	29.97	- .35	43	42	+ 7	*	*	NW	6	6	WNW	*	o	*	3
"	Oso	29.93	- .31	41	40	+ 4	*	*	WSW	4	4	WSW	*	c	*	2
"	Skagen	29.89	- .34	41	40	+ 1	*	*	NW	8	*	*	*	o	*	*
"	Tano	30.11	- .20	37	36	- 2	*	*	W	6	*	*	*	c	*	*
"	Sumburgh H.	29.92f	- .20	44	40	- 2	48	40	WNW	5	4	W	10	r	-	4
"	Corunna	30.32	-	45	*	-	*	*	NE	3	*	*	*	b	*	2
"	Toulon	30.38f	+ .01	47	45	+ 5	57	41	W	1	5	W	9	bo	-	4
8 <sup>th</sup>	Sumburgh H.	30.15r	+ .23	35	34	- 9	45	32	NNE	5	6	W	5	c	0.27	5
9 <sup>th</sup>	Sumburgh H.	30.15f	00	34	33	- 1	36	35	N	5	5	NNE	5	c	-	5
"	Corunna	30.16	- .16	34	*	- 14	*	*	S	3	*	*	*	p	*	2
10 <sup>th</sup>	Sumburgh H.	30.49r	+ .34	33	32	- 1	36	30	S	5	5	N	7	co	-	4
"	Corunna	30.13	- .03	32	*	+ 20	*	*	SW	7	*	*	*	pc	*	2
11 <sup>th</sup>	Sumburgh H.	30.23f	- .26	35	33	+ 2	36	30	W	1	3	S	3	c	-	3
"	Corunna	29.81	- .32	54	*	0	*	*	S	6	*	*	*	to	*	7
12 <sup>th</sup>	Sumburgh H.	29.95f	- .28	40	39	+ 5	41	35	SSW	5	3	S	5	c	-	4
"	Corunna	30.08	+ .27	52	*	- 2	*	*	SW	6	*	*	*	p	*	9
13 <sup>th</sup>	Sumburgh H.	29.61f	- .34	39	39	- 1	43	35	SSW	3	5	SSW	9	g	-	5
"	Corunna	30.20	+ .12	50	*	- 2	*	*	SW	3	*	*	*	c	*	2
14 <sup>th</sup>	Skudesneves	29.52	*	43	43	*	*	*	SSE	6	*	*	*	o	*	5
"	Skagen	29.70	- .34	41	40	+ 6	*	*	W	4	*	*	*	o	*	*
"	Tano	29.82	- .34	40	40	+ 5	*	*	SSW	6	*	*	*	s	*	*
"	Sumburgh H.	29.22f	- .39	42	40	+ 3	43	38	S	3	3	S	8	go	-	5
"	Corunna	29.89	- .31	52	*	+ 2	*	*	SW	6	*	*	*	c	*	5
15 <sup>th</sup>	Sumburgh H.	29.18r	- .04	44	40	+ 2	48	42	S	3	5	S	9	o	-	5
"	Phonaults	29.35f	- .35	48	47	- 2	52	45	SSW	3	6	SW	5	rc	0.25	*
16 <sup>th</sup>	Sumburgh H.	29.14f	- .04	40	40	- 4	47	38	SSW	3	4	S	7	og	-	4
"	Biarritz	29.88r	+ .06	47	47	- 3	52	43	S	1	5	NE	8	bf	0.24	7
17 <sup>th</sup>	Sumburgh H.	29.01f	- .13	42	40	+ 2	48	40	S	5	5	W	10	d	-	5
"	Corunna	30.08	-	52	*	-	*	*	W	9	*	*	*	pc	*	5
18 <sup>th</sup>	Sumburgh H.	29.33r	+ .32	38	38	- 4	45	35	W	5	5	SSW	4	dc	0.17	3
"	Corunna	30.16	+ .08	52	*	0	*	*	W	9	*	*	*	pc	*	4
19 <sup>th</sup>	Sumburgh H.	29.79r	+ .46	40	40	+ 2	45	35	N	1	3	W	3	c	-	4
"	Corunna	30.28	+ .12	50	*	- 2	*	*	SE	3	*	*	*	c	*	4
20 <sup>th</sup>	Sumburgh H.	29.87f	+ .08	41	41	+ 1	48	40	S	4	1	N	5	c	-	4
21 <sup>st</sup>	Skagen	30.19	+ .03	35	?	0	*	*	S	2	*	*	*	c	*	*
"	Tano	30.17	- .03	33	32	- 4	*	*	S	4	*	*	*	c	*	*



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

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. <small>Reduced to 32° F. at the Mean Sea Level.</small>	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. (9 to 12)	Force. (9 to 12)	Dirac.					
1 <sup>st</sup> Sumburgh H <sup>t</sup>	29.61f	-26	44	44	+3	47	42	WSW	5	5	SSW	9	ro	0.32	5	
2 <sup>nd</sup> Cornnna	30.12	—	52	*	—	*	*	NW	?	*	*	*	p	*	2	
3 <sup>rd</sup> Sumburgh H <sup>t</sup>	29.72f	+11	43	42	-1	48	35	Z	0	4	WSW	3	c	—	2	
4 <sup>th</sup> Sumburgh H <sup>t</sup>	29.71f	-01	41	40	-2	48	36	S	3	3	S	5	c	—	2	
5 <sup>th</sup> Cornnna	30.12	00	46	*	-4	*	*	NE	?	*	*	*	b	*	2	
6 <sup>th</sup> Sumburgh H <sup>t</sup>	29.86f	+15	43	42	+2	47	38	S	5	3	SSW	8	og	—	5	
7 <sup>th</sup> Cornnna	30.00	-12	46	*	0	*	*	NE	3	*	*	*	b	*	2	
8 <sup>th</sup> Sumburgh H <sup>t</sup>	29.85f	-01	40	39	-3	45	38	S	6	6	S	8	og	—	7	
9 <sup>th</sup> Cornnna	29.73	-27	?	*	?	*	*	S	6	*	*	*	c	*	4	
10 <sup>th</sup> Sumburgh H <sup>t</sup>	29.45f	-40	40	39	0	44	38	SE	8	7	S	8	g	—	8	
11 <sup>th</sup> Thurso	29.14f	-55	40	37	+2	42	34	SE	10	10	SSE	8	gc	—	5	
12 <sup>th</sup> Wick	29.18f	-54	40	38	+1	42	38	SE	10	10	SE	8	o	—	2	
13 <sup>th</sup> Thurso	28.96	*	38	37	*	*	*	SE	9	*	*	9	rg	*	5	
14 <sup>th</sup> Sumburgh H <sup>t</sup>	28.96f	-49	41	41	-1	43	38	SE	9	9	SE	10	dt	0.13	9	
15 <sup>th</sup> Thurso	28.81f	-33	40	39	0	42	36	SSE	3	11	SE	8	go	0.13	3	
16 <sup>th</sup> Thurso	28.83	*	42	41	*	*	*	S	1	*	*	10	o	*	2	
17 <sup>th</sup> Sumburgh H <sup>t</sup>	29.70f	+74	43	43	+2	44	40	S	5	8	SE	5	rc	0.03	5	
2. CORRECTIONS																
Oxford	—	—	—	—	—	—	—	—	—	—	—	—	og	—	—	
Hairon	—	-22	—	—	+2	—	—	—	—	—	—	—	—	—	—	
Pembroke	—	—	—	—	—	—	44	—	—	—	—	—	—	—	—	
Oxford	—	—	—	—	—	—	—	—	—	—	—	—	gm	—	—	
Shields	—	—	—	—	—	—	—	—	—	—	—	8	—	—	—	
Stornoway	—	—	—	—	—	49	—	—	—	—	—	—	—	0.03	—	
Thurso	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hairon	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Shields	—	—	—	—	—	35	—	—	—	—	—	—	—	—	—	
Cambridge	30.29f	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cornnna	—	00	—	—	+3	—	—	—	—	—	—	—	—	—	—	
Portishead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hairon	—	—	23	23	—	—	23	—	—	—	—	—	—	—	—	
Stornoway	—	—	39	34	+4	—	—	—	—	—	—	—	—	—	—	
Shields	—	—	—	—	—	—	25	—	—	—	—	—	—	—	—	
Cambridge	—	—	—	—	—	—	—	—	—	—	ESE	—	—	—	—	
Stornoway	—	—	—	—	+1	—	—	—	—	—	—	—	—	—	—	
Pembroke	29.83f	-25	—	—	—	—	—	—	—	—	—	—	—	—	—	
Portishead	—	—	—	—	—	?	—	—	—	—	—	—	—	—	—	
York	—	—	—	—	—	41	27	—	—	—	—	—	—	—	—	
Pembroke	—	-09	—	—	—	—	—	—	—	—	—	—	—	—	—	
Portishead	29.96f	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cambridge	30.02f	-10	—	—	—	—	—	—	—	—	—	—	—	—	—	
Stornoway	—	—	—	—	—	46	—	—	—	—	—	—	pw	—	—	
Cambridge	—	-27	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kings town	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Recher Pt	—	—	—	—	—	—	—	—	—	—	—	—	pt	—	—	
Phymouth	—	+19	—	—	-3	—	—	—	—	—	—	—	—	—	—	
Green castle	29.56f	+38	—	—	—	—	—	—	—	—	—	—	—	—	—	
Portishead	—	—	48	47	+8	—	—	—	—	—	—	—	—	—	—	
Scarboro'	—	—	—	—	—	—	—	SW	—	—	—	—	—	—	—	
Portishead	—	—	—	—	—	47	—	—	—	—	—	—	—	—	—	
Portishead	—	—	—	—	—	—	—	—	—	—	2	W	—	—	—	
Thurso	—	—	—	—	—	—	—	—	—	—	—	5	oc	—	—	
Hairon	—	—	—	—	—	—	—	—	—	—	—	6	oc	—	—	
Stornoway	—	—	—	—	—	—	—	—	—	—	7	—	—	—	—	
Aberdeen	—	—	—	—	—	—	—	—	—	—	9	SE	—	—	9	
Stornoway	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Shields	—	—	—	—	—	—	—	—	—	—	—	8	—	—	5	
Thurso	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Aberdeen	—	+87	—	—	-4	—	—	—	—	—	—	—	—	—	—	
Holyhead	29.88f	+99	—	—	—	—	—	—	—	—	—	—	—	—	—	