

Sun-day 8 a.m.

WEATHER REPORT. Dec 2nd 1872.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Dist. and 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.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
*Christiansund...	29.52	.00	32	29	+1	—	—	E	4	4	ESE	—	60	—	3
*Skudesnaes ...	29.27	-.17	42	37	+5	—	—	E	6	6	ESE	—	00	—	3
*Oxö (X' Hansand)	29.33	-.15	36	36	+1	—	—	NNE	8	8	SE	—	02	—	1
*Fanö ...	29.24	-.17	45	45	+5	—	—	SSE	4	—	—	—	0	—	—
Cuxhaven ...	29.332	-.02	48	48	+8	—	39	S	2	5	SSE	—	20	0.14	—
Sumburgh Head															
Stornoway (Be- brides.)															
Thurso...	28.972	+ .11	43	42	0	45	41	ESE	2	5	ESE	6	20	0.63	2
Wick ...	28.972	+ .08?	46	45	+2	48	42	E	3	5	S	6	20	0.54	3
Nairn ...	28.952	+ .02	40	38	-2	44	35	ESE	1	2	SE	6	00	0.01	2
Aberdeen ...	28.942	-.02	47	46	+2	47	44	SE	3	6	SE	10	ghr	0.59	1
Leith ...	28.932	+ .02	44	43	+7	48	37	S	2	2	SE	5	c	—	—
Shields...	28.962	.00	45	44	+3	46	40	S	3	4	SE	7	ew	0.04	4
York ...	28.942	+ .03	44	43	+5	47	38	S	2	2	S	5	c	0.06	—
Scarborough ...	29.022	-.04	43	43	0	47	41	SW	2	2	SSW	2	ob	0.03	2
Nottingham ...	28.982	-.04	43	42	+1	46	38	SE	2	3	SSE	7	rm	0.41	—
Ardrossan ...	28.832	-.06	45	43	+4	47	39	ENE	3	4	ESE	6	cp	0.09	2
Greencastle ...	28.792	.00	45	44	+3	46	40	ESE	3	6	E	10	r	0.34	—
Donaghadee ...	28.702	-.06	47	45	+3	48	45	SE	5	7	SE	6	c	0.03	5
Kingstown ...	28.662	-.17	45	44	0	49	43	SSE	3	7	SSE	9	gm	0.31	3
Holyhead ...	28.752	-.08	46	45	+1	58	44	S	6	6	S	7	cg	0.26	5
Liverpool (Bidston Obs.)	28.912	-.06	44	42	+3	46	40	SE	3	6	E	9	co	0.06	3
Valencia ...	28.722	+ .31	47	45	+2	50	42	NNE	3	6	N	9	r	0.31	6
Roche's Point ...	28.672	+ .19	43	42	-2	50	42	NNE	2	9	S	7	opc	0.18	4
Pembroke ...	28.812	+ .01	48	45	-1	50	46	SSW	5	8	SSE	6	q	0.11	7
Portishead ...	28.912	-.05	45	43	0	52	42	S	4	6	SSW	7	gc	0.12	3
Scilly ...	28.802	+ .01	47	45	-2	50	45	SSW	6	9	SSW	7	kle	0.05	7
Plymouth ...	28.882	-.05	48	45	0	52	45	SSW	4	6	SSW	4	q	0.41	—
Portsmouth ...	29.032	-.04	49	48	0	51	42	SSW	4	7	SSW	7	w	0.18	4
Dover ...	29.072	-.08	50	48	0	52	49	SSW	5	6	SSW	7	blw	—	5
London ...	29.022	-.07	46	45	+1	50	43	SSW	2	6	SSW	8	rlc	0.41	—
Oxford ...	28.972	-.07	44	42	+1	50	44	SSE	1	8	W	6	hgc	0.41	—
Cambridge ...	29.022	-.17	45	44	+5	49	42	S	1	1	S	7	pc	0.10	—
Yarmouth ...	29.052	-.02	48	47	+3	49	43	S	4	5	SSW	4	re	0.07	5
*Heider ...															
Cape Gris Nez...	29.082	-.08	48	46	-2	52	46	SSW	7	5	SSW	8	20	0.16	—
Brest ...	29.012	—	49	49	—	53	39	SSW	5	9	SW	10	0	0.08	7
L'Orient ...	29.052	-.08	48	46	-7	57	46	WSW	5	8	SW	7	er	0.08	6
Rochefort ...	29.242	-.10	52	47	-3	55	46	SW	5	7	SW	7	oc	0.25	4
Biarritz ...	29.312	-.10	50	48	-7	57	48	S	5	7	SW	3	re	0.20	8
*Corunna ...															
*Brussels ...	29.29	+ .02	50	—	-4	—	—	W	3	—	—	—	0	—	—
*Charleville ...	29.28	—	46	—	-4	—	—	SSW	3	—	—	—	c	—	—
Paris ...	29.252	-.03	46	44	-5	52	45	S	—	9	S	10	20	0.04	—
*Lyons...	29.43	-.16	49	—	-5	—	—	SE	1	—	—	—	on	—	—
Toulon...	29.522	-.24	53	51	0	64	51	SSW	1	8	S	9	fo	0.12	7

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

Skudesnaes ...	29.36	-.08	41	40	+4	—	—	ESE	6	—	—	—	0	—	4
Thurso...	28.91	+ .05	44	42	+1	—	—	ESE	5	5	ESE	9	l	—	3
Scarborough ...	28.94	-.02	43	43	0	—	—	SSW	2	2	SW	10	2	—	3
Greencastle ...	28.71	-.08	44	43	+2	—	—	E	6	6	E	9	0	—	—
Holyhead ...	28.70	-.13	48	45	+3	—	—	SE	6	6	SE	5	c	—	2
Valencia ...	28.36	-.05	45	43	0	—	—	N	6	5	E	7	p	—	5
Scilly ...	28.55	-.24	50	48	+1	—	—	SSW	9	9	SSW	6	w	—	8
London ...	28.96	-.13	51	49	+6	—	—	SSE	1	2	SSE	10	cor	—	—
Rochefort ...	29.27	-.08	55	51	0	—	—	SW	5	—	—	10	0	—	4

The barometer has commenced to rise at Thurso, but continues to fall elsewhere, and is below 29 ins: everywhere. A heavy S to SE gale is blowing at Scilly and in the St. George Channel.

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. hazy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

Monday 8 a.m.

WEATHER REPORT. DEC^R 2ND 1872.

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 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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)					Dirce.
*Christiansund...	29.82	+ .30	33	31	+ 1	—	—	Z	0	2	NE	—	b	—	3
*Skudesnaes ...	29.60	+ .33	43	42	+ 1	—	—	E	4	6	ENE	—	20	—	3
*Oxö (Christiansund)	29.65	+ .32	37	36	+ 1	—	—	N	2	4	NE	—	0	—	2
*Fanö ...	29.71	+ .37	41	40	- 4	—	—	SSW	3	—	—	—	c	—	—
Cuxhaven ...	29.72	+ .39	37	37	- 11	48	—	S	1	2	S	3	c	—	—
Sunburgh Head															
Stornoway (Hebrides)	—	—	45	45	+ 1	46	31	E	6	7	E	10	gdq	0.20	6
Thurso...	29.64	+ .67	43	42	0	47	42	NE	3	3	ENE	9	rd	0.63	3
Wick ...	29.64	+ .57	43	42	- 3	47	41	NE	3	4	ESE	10	20	0.80	3
Nairn ...	29.63	+ .68	39	38	- 1	44	37	Z	0	1	ESE	9	0	0.03	2
Aberdeen ...	29.60	+ .66	40	39	- 7	48	36	Z	0	3	SE	10	om	0.10	3
Leith ...	29.62	+ .69	35	35	- 9	50	33	W	2	2	S	9	cf	—	—
Shields...	29.62	+ .66	40	40	- 5	50	40	SW	1	5	SSW	10	cf	—	3
York ...	29.61	+ .67	39	39	- 5	41	38	Z	0	2	S	10	cf	0.01	—
Scarborough ...	29.63	+ .61	39	39	- 4	47	39	SW	1	2	SW	7	cf	0.03	1
Nottingham ...	29.62	+ .64	37	36	- 6	47	34	SW	1	1	SE	10	cf	—	—
Ardrossan ...	29.61	+ .78	36	36	- 9	48	36	NE	2	3	ENE	3	gf	0.06	1
Greencastle ...	29.61	+ .82	42	41	- 3	47	41	NE	1	3	ENE	3	cf	0.05	—
Donaghadee ...	29.55	+ .82	45	44	- 2	48	45	ESE	3	5	S	6	bc	0.02	3
Kingstown ...	29.52	+ .86	47	45	+ 2	49	44	SE	3	5	SSE	10	mo	0.35	3
Holyhead ...	29.50	+ .75	43	42	- 3	51	42	ENE	1	6	SSE	5	c	0.01	1
Liverpool (B'ston Obs.)	29.61	+ .70	39	38	- 5	48	38	ESE	2	3	ESE	5	cf	—	2
Valencia ...	29.37	+ .65	44	44	- 3	52	43	E	3	6	N	2	fb	0.32	4
Roche's Point...	29.38	+ .71	47	46	+ 4	49	42	SE	2	4	SE	8	co	0.12	4
Pembroke ...	29.42	+ .61	46	45	- 2	50	45	E	5	7	S	5	gc	0.06	6
Portishead ...	29.51	+ .60	43	41	- 2	51	39	E	3	4	SSE	7	gc	0.03	3
Scilly ...	29.32	+ .52	49	48	+ 2	50	46	ESE	5	7	SSW	5	gc	0.35	6
Plymouth ...	29.41	+ .53	45	44	- 3	51	42	SE	2	5	SW	1	fb	0.03	—
Portsmouth ...	29.50	+ .47	45	44	- 4	51	43	NE	1	4	SSW	3	cm	—	1
Dover ...	29.57	+ .50	46	45	- 4	51	45	ENE	3	5	SSW	5	gc	0.02	3
London ...	29.53	+ .51	42	41	- 4	50	40	ESE	2	2	SSW	7	epf	0.06	—
Oxford ...	29.57	+ .60	43	41	- 1	46	37	SE	1	2	S	10	fb	0.28	—
Cambridge ...	29.60	+ .58	41	40	- 4	49	36	E	1	1	S	8	pc	0.02	—
Yarmouth ...	29.66	+ .61	47	46	- 1	50	46	SE	4	6	SSE	3	2b	0.12	2
*Helder ...	29.68	—	41	—	—	—	—	S	3	—	—	—	—	—	2
Cape Gris Nez...	29.53	+ .45	40	38	- 8	50	40	S	1	5	SSW	7	co	—	1
Brest ...	29.32	+ .31	46	46	- 6	52	42	E	4	5	SSW	2	ob	0.04	4
L'Orient ...															
Rochefort ...	29.30	+ .06	46	42	- 6	52	43	NE	4	7	SW	10	20	0.39	3
Biarritz ...	29.25	- .06	46	44	- 4	55	45	S	4	7	S	10	er	0.08	6
*Corunna ...															
*Brussels ...	29.64	+ .35	45	—	- 5	—	—	WSW	3	—	—	—	c	—	—
*Charleville ...	29.63	+ .35	44	—	- 2	—	—	NNE	6	—	—	—	om	—	—
Paris ...															
*Lyons...	29.45	+ .02	53	—	+ 4	—	—	NE	1	—	—	—	o	—	—
Toulon...	29.46	- .06	55	55	+ 2	—	51	SE	5	5	S	9	or	0.32	7

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

Skudesnaes ...	29.33	+ .06	38	37	- 4	—	—	ENE	6	—	—	—	or	—	3
Thurso...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Holyhead ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Valencia ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scilly ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	29.29	+ .05	49	45	- 2	—	—	S	5	—	—	10	o	—	4

EXPLANATION OF COLUMNS.

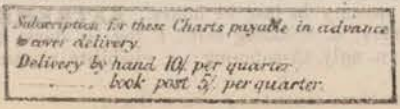
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 2 p.m.

AND REMARKS FOR
MONDAY 2ND DEC^R 1872 AT 8 A.M.



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

Vincent Brooks Day & Son Ltd London W.C.

Tuesday 8 a.m.

WEATHER REPORT. Dec 3rd 1872.

STAT.ONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
*Christiansund...	29.77	-.05	33	31	0	—	—	NNW	2	2	ENE	—	oc	—	3
*Skudesnaes ...	29.62	+02	38	35	-.5	—	—	NNW	4	0	Z	—	oc	—	2
*Oxö (Christiansand)	29.60	-.05	37	36	0	—	—	ENE	4	2	NNW	—	r	—	2
*Fanö ...	29.42	-.29	42	42	+1	—	—	E	6	—	—	—	or	—	—
Cuxhaven ...	29.36f	-.36	44	44	+7	—	35	SSE	4	5	E	9	or	0.09	—
Sumburgh Head															
Stornoway (Hebrides.)	29.84r	—	35	35	-10	42	34	NNE	3	7	NE	1	rb	0.32	5
Thurso...	29.79r	+15	39	36	-4	43	38	NNE	2	5	NE	4	oc	0.03	2
Wick ...	29.78r	+14	38	35	-.5	43	35	N	2	4	NE	6	oc	0.10	1
Nairn ...	29.78r	+15	40	39	+1	43	39	ENE	2	1	ENE	10	po	0.30	4
Aberdeen ...	29.71s	+11	39	38	-1	44	39	N	4	4	N	7	mc	0.29	3
Leith ...	29.71f	+09	41	39	+6	44	36	NE	3	2	SW	6	oc	—	—
Shields...	29.60f	-.02	44	43	+4	44	39	NNE	5	3	N	7	ofw	0.01	3
York ...	29.58f	-.03	42	41	+3	42	39	NNW	1	1	NNE	10	fg	—	—
Scarborough ...	29.56f	-.07	44	43	+5	47	37	N	3	1	WSW	9	fo	—	4
Nottingham ...	29.58f	-.04	43	42	+6	43	36	N	3	1	NW	10	mg	0.03	—
Ardrossan ...	29.74r	+13	40	38	+4	40	34	NNW	1	2	ENE	5	fm	0.02	0
Greencastle ...	29.75r	+14	40	39	-2	45	38	NNW	1	1	NNW	10	m	0.01	—
Donaghadee ...	29.69r	+14	42	41	-3	47	41	NNE	4	4	NNE	4	c	—	4
Kingstown ...	29.69r	+17	41	40	-6	49	40	WNW	3	3	N	10	om	—	3
Holyhead ...	29.59f	+09	45	43	+2	48	42	NNE	4	4	NNE	8	bo	—	2
Liverpool (Bidston Obs.)	29.66f	+05	37	36	-2	45	36	NE	1	2	E	8	fo	—	1
Valencia ...	29.76r	+39	44	42	0	—	41	NNE	3	3	E	3	cb	—	3
Roche's Point ...	29.70r	+32	40	39	-7	50	40	N	4	4	ESE	6	c	—	3
Pembroke ...	29.57r	+15	46	44	0	49	41	N	5	5	N	9	cm	—	3
Portishead ...	29.51f	.00	44	43	+1	47	40	NE	6	6	NE	10	gm	0.01	5
Scilly ...	29.57r	+25	49	47	0	50	47	NNE	5	5	NNE	7	c	—	5
Plymouth ...	29.50r	+09	45	44	0	51	44	NNE	2	3	NNE	10	bm	—	—
Portsmouth ...	29.44f	-.06	45	44	0	47	42	ENE	7	8	ENE	10	ut	0.19	5
Dover ...	29.36f	-.21	48	47	+2	51	45	E	2	5	ESE	10	ct	0.25	2
London ...	29.42f	-.11	45	44	+3	49	41	N	3	3	ENE	10	fo+	0.12	—
Oxford ...	29.49f	-.08	44	43	+1	49	43	NNE	1	3	NE	10	o	0.19	—
Cambridge ...	29.47f	-.13	45	44	+4	47	41	N	2	2	N	10	ct	—	—
Yarmouth ...	29.36f	-.30	46	45	-1	49	45	NNE	6	7	SSE	8	co	—	7
*Helder ...	29.31	-.37	44	—	+3	—	—	NE	6	—	—	—	—	—	2
Cape Gris Nez...	29.36f	-.17	44	42	+4	50	40	S	1	4	ENE	10	or	0.20	1
Brest ...	29.42r	+10	45	43	-1	53	43	NNE	5	5	NNE	10	r	0.12	3
L'Orient ...	29.33r	-.05	48	48	+3	53	44	N	5	8	NNE	10	r	0.39	4
Rocheport ...	29.23r	-.07	52	50	+6	—	—	SW	8	5	NE	10	r	1.59	7
Biarritz ...	29.57r	+32	48	43	+2	—	44	SW	7	8	N	8	ro	0.87	6
*Corunna ...															—
*Brussels ...	29.38	-.26	49	—	+4	—	—	WSW	3	—	—	—	r	—	—
*Charleville ...	29.48	-.15	48	—	+4	—	—	SW	3	—	—	—	o	—	—
Paris ...															—
*Lyons...	29.65	+20	53	—	0	—	—	SE	3	—	—	—	c	—	—
Toulon...	29.75r	+29	50	46	-.5	62	46	WSW	7	7	SW	8	oc	0.24	7

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

Skudesnaes ...	29.69	+09	41	40	-2	—	—	NNE	4	—	—	—	c	—	—	3
Thurso...	29.73	+09	42	39	-1	—	—	NE	4	4	NE	8	po	—	—	3
Scarborough ...	29.66	+03	43	43	+4	—	—	WSW	1	1	SW	8	f	—	—	1
Greencastle ...	29.69	+08	45	44	+3	—	—	Z	0	1	NE	8	m	—	—	—
Holyhead ...	29.58	+08	46	45	+3	—	—	E	2	3	E	3	b	—	—	1
Valencia ...	29.56	+19	49	47	+5	—	—	E	3	3	E	6	c	—	—	3
Scilly ...	29.42	+10	50	49	+1	—	—	ESE	5	5	ESE	5	c	—	—	5
London ...	29.52	-.01	49	47	+7	—	—	ENE	2	2	ESE	10	gm	—	—	—
Rocheport ...	29.22	-.08	46	39	0	—	—	NE	7	—	—	10	r	—	—	4

The barometer continues to rise except at Rocheport and in London where a fall has taken place. At Valencia the rise has been brisk. The wind has become strong from NE at Rocheport, with rain, but elsewhere there is little change.

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

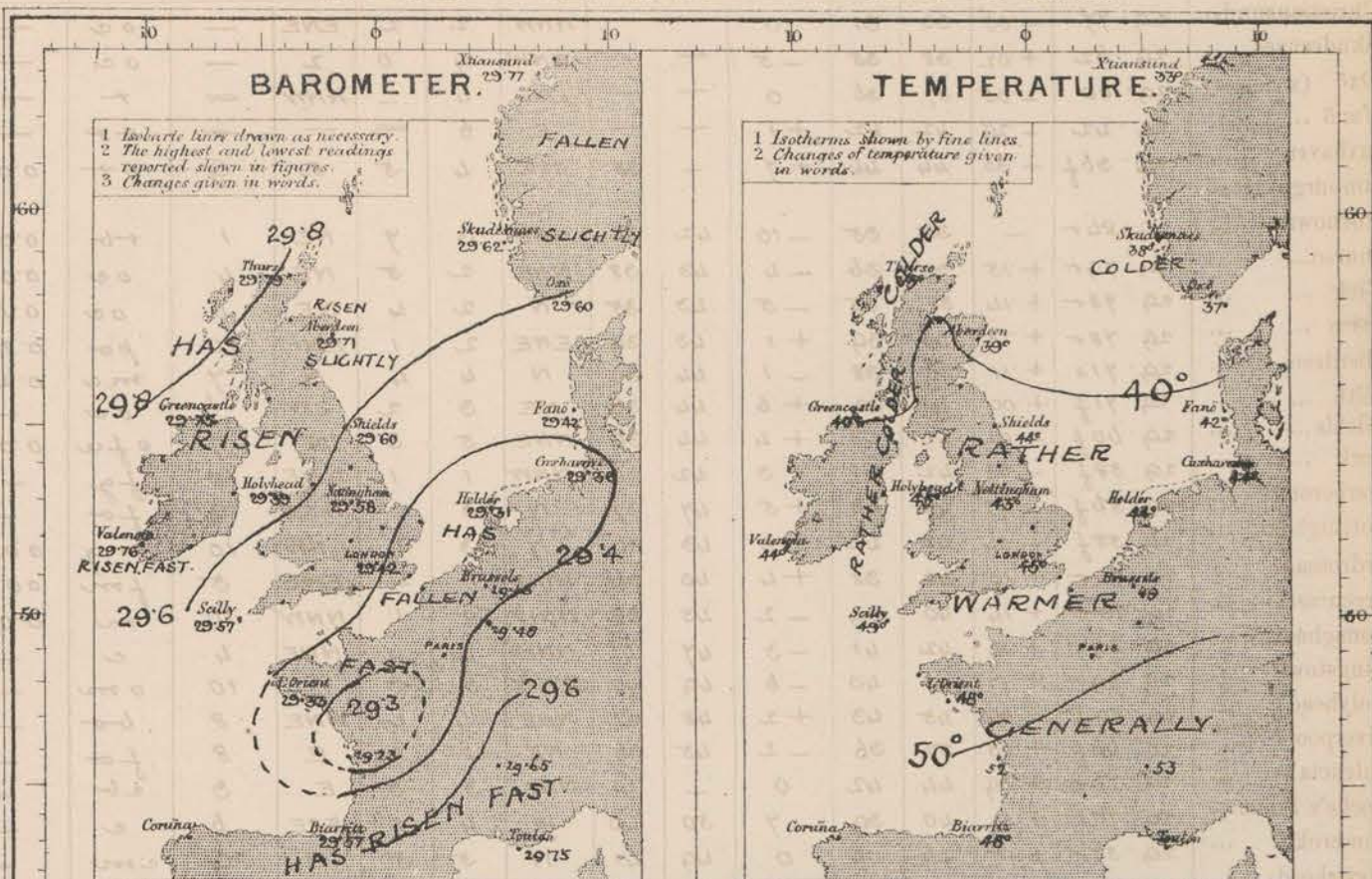
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS

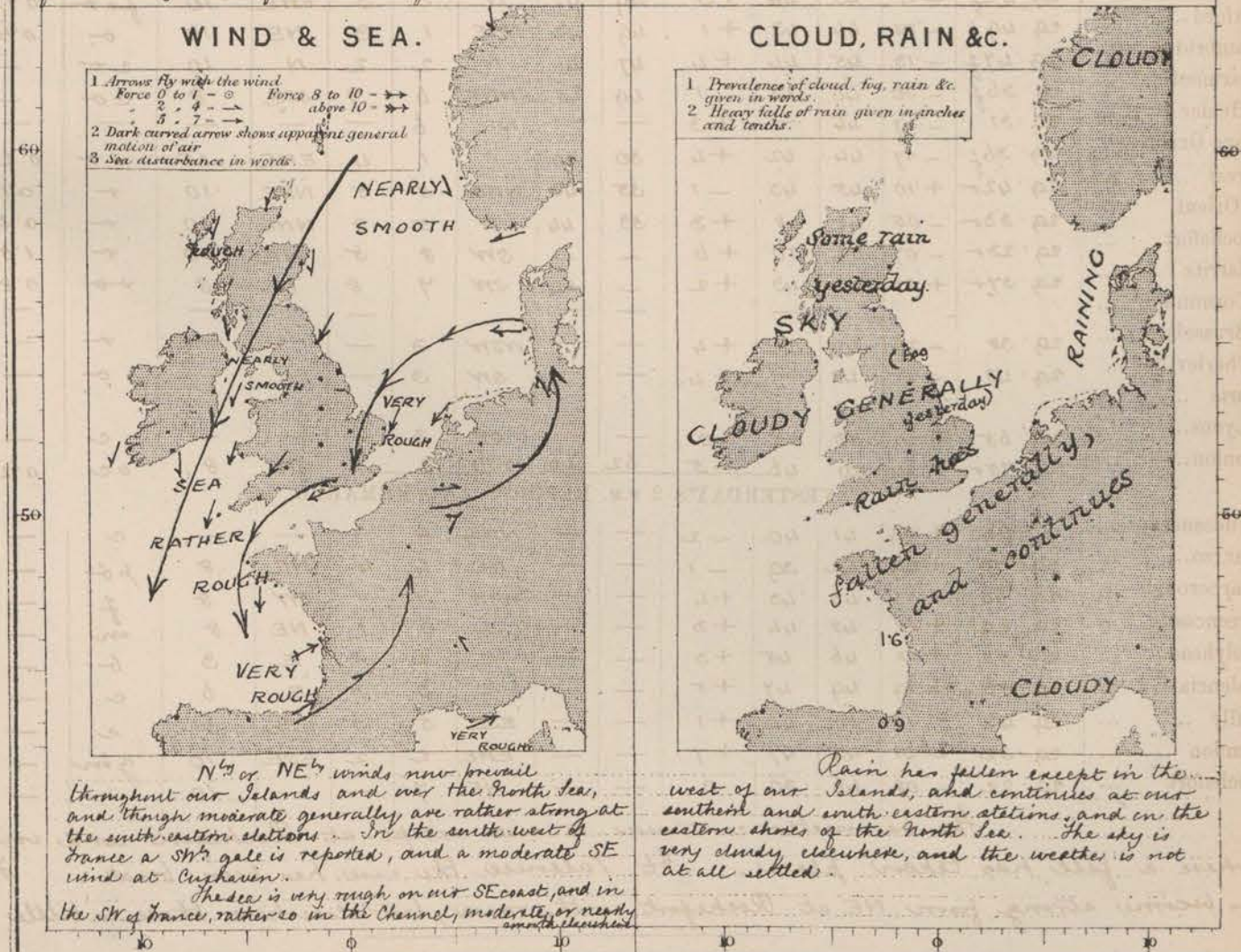
AND REMARKS FOR

TUESDAY 3RD DEC^R 1872 AT 8 A.M.



During the past 24 hrs the barometer has risen at all our W and N^W stations, and also in the S. of France, but fallen fast over N^E and Central France, and Holland. The lowest readings reported are at Rochefort and Helder, while the highest are in the NW. of our Islands. The gradients from Scarborough to Helder and from Sully to Ouessant are respectively 0.06 and 0.105 in. per 50 miles for NE^E winds; while that from Skarvis to Rochefort is 0.11 in. for SW winds.

Temperature has decreased along the east of Ireland, the north-west of Scotland, and at Skudness, risen generally elsewhere.



N^W or NE^E winds now prevail throughout our Islands and over the North Sea, and though moderate generally are rather strong at the south-eastern stations. In the south-west of France a SW^W gale is reported, and a moderate SE wind at Cuxhaven.

The sea is very rough on our SE coast, and in the SW of France, rather so in the Channel, moderate or nearly smooth elsewhere.

Rain has fallen except in the west of our Islands, and continues at our southern and south-eastern stations, and on the eastern shores of the North Sea. The sky is very cloudy elsewhere, and the weather is not at all settled.

Subscription for these Charts payable in advance
by order delivery.
Delivery by hand 10/- per quarter.
by post 12/- per quarter.

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

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

Wednesday 8 a.m.

WEATHER REPORT. DEC 4TH 1872.

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.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
*Christiansund...	29.76	-01	29	27	-14	—	—	ESE	2	6	E	—	ob	—	3
*Skudesnaes ...	29.68	+06	36	35	-2	—	—	Z	0	4	ENE	—	oc	—	2
*Oxö (X'landand)	29.65	+05	31	—	-6	—	—	NE	4	6	NNE	—	sc	—	3
*Fanö ...	—	—	35	33	-7	—	—	N	6	—	—	—	c	—	—
Cuxhaven ...	29.52	+16	40	38	-4	46	—	NNE	5	7	WSW	9	ro	0.28	—
Sumburgh Head															
Stornoway (He- brides.)	29.95	+11	—	—	—	—	—	NW	2	4	NNE	1	b	0.01	1
Thurso...	29.88	+09	39	35	0	41	37	N	1	3	NNE	6	bc	—	2
Wick ...	29.93	+15	33	32	-5	46	28	N	1	2	N	3	b	—	1
Nairn ...	29.96	+18	29	29	-11	40	28	NW	1	2	ENE	4	hsc	0.25	2
Aberdeen ...	29.90	+19	35	32	-4	41	34	NNW	2	4	N	2	scb	0.01	2
Leith ...	29.96	+25	—	—	—	44	—	NW	2	3	NE	2	cb	—	—
Shields...	29.87	+27	37	35	-7	41	36	NNW	6	6	NNE	7	phe	0.08	5
York ...	29.80	+25	34	33	-8	44	34	NNW	1	2	NNW	4	es	—	—
Scarborough ...	29.82	+26	39	37	-5	47	37	NE	4	4	N	6	p	0.11	5
Nottingham ...	29.84	+26	36	34	-7	46	36	NNW	2	4	NNW	0	m	0.01	—
Ardrossan ...	29.99	+25	33	30	-7	41	32	N	1	1	NNE	3	em	—	0
Greencastle ...	29.99	+24	35	34	-5	42	34	NNW	1	3	N	4	oc	0.10	—
Donaghadee ...	29.96	+27	39	36	-3	44	37	NE	2	4	NE	5	c	0.05	2
Kingstown ...	29.96	+27	39	37	-2	48	35	WNW	4	3	WNW	10	fo	0.02	4
Holyhead ...	29.89	+30	46	45	+1	47	41	NNE	2	5	NNE	5	c	—	1
Liverpool (Bidston Obs.)	29.94	+28	35	33	-2	44	34	NNE	1	3	N	1	cb	—	1
Valencia ...	30.04	+28	40	39	-4	49	37	NE	2	3	N	3	pb	0.03	2
Roche's Point...	29.97	+27	38	36	-2	46	36	N	4	11	N	4	c	—	3
Pembroke ...	29.88	+31	41	38	-5	47	39	NNE	2	4	N	8	fo	0.06	2
Portishead ...	29.84	+33	39	37	-5	46	36	NNE	3	5	NNE	3	cb	—	3
Scilly ...	29.89	+32	44	43	-5	50	43	NE	5	6	NNE	7	cf	0.03	4
Plymouth ...	29.84	+34	37	37	-8	47	36	Z	0	2	NNE	4	m	—	—
Portsmouth ...	29.74	+30	39	38	-6	47	38	NE	3	6	NE	4	oc	0.14	3
Dover ...	29.60	+24	43	41	-5	48	42	N	6	3	NE	6	rg	1.05	3
London ...	29.72	+30	39	37	-6	48	38	N	3	3	NNE	5	rdg	0.10	—
Oxford...	29.79	+30	37	35	-7	45	37	N	2	2	NW	3	ob	—	—
Cambridge ...	29.76	+29	38	36	-7	47	36	N	2	2	N	4	de	0.04	—
Yarmouth ...	29.62	+26	43	41	-3	49	42	N	5	6	NNE	5	re	0.18	7
*Helder ...	29.57	+26	44	—	0	—	—	NNE	6	—	—	—	—	—	2
Cape Gris Nez...	29.57	+21	44	42	0	48	43	NNE	8	7	NE	10	r	0.51	6
Brest ...	29.84	+41	44	40	-1	52	41	NNE	3	5	NNE	3	rb	0.04	3
L'Orient ...	29.79	+46	44	42	-4	53	42	NNW	4	5	N	5	oc	—	3
Rochefort ...	29.73	+50	46	42	-6	51	41	N	5	7	SW	6	oc	0.39	3
Biarritz ...	29.66	+09	52	48	+4	55	48	N	5	7	SW	6	re	0.24	5
*Corunna ...															
*Brussels ...	29.50	+12	49	—	0	—	—	—	3	—	—	—	or	—	—
*Charleville ...	29.48	+00	44	—	-4	—	—	E	—	—	—	—	or	—	—
Paris ...	29.51	—	42	40	—	50	41	NW	4	7	S	10	r	0.20	—
*Lyons...	29.51	-14	49	—	-4	—	—	S	3	—	—	—	r	—	—
Toulon...	29.38	-37	46	42	-4	60	43	NW	7	5	—	4	ob	0.98	4

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

Skudesnaes ...	29.49	-13		39	38	+1	-	NNW	4	-	-	-	o	-	2
Thurso...	29.77	-02		40	37	+1	-	NNE	2	2	NNE	6	c	-	2
Scarborough ...	29.52	-04		45	44	+1	-	N	4	3	N	9	p	-	4
Greencastle ...	29.76	+01		40	40	0	-	WNW	1	1	WNW	10	r	-	-
Holyhead ...	29.64	+05		45	43	0	-	NNE	4	4	NNE	7	g	-	2
Valencia ...	29.80	+04		47	44	+3	-	N	3	3	NNE	4	ce	-	2
Scilly ...	29.67	+10		49	47	0	-	N	5	6	NNE	6	em	-	4
London ...	29.49	+07		48	45	+3	-	NNW	1	3	NNW	10	ro	-	-
Rochefort ...	29.37	+14		52	50	0	-	SW	5	-	-	10	r	-	4

The barometer has risen everywhere except on our N and NE coasts. The wind has moderated at Rochefort, and is backing towards NW in London. The sea has gone down considerably at Rochefort.

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

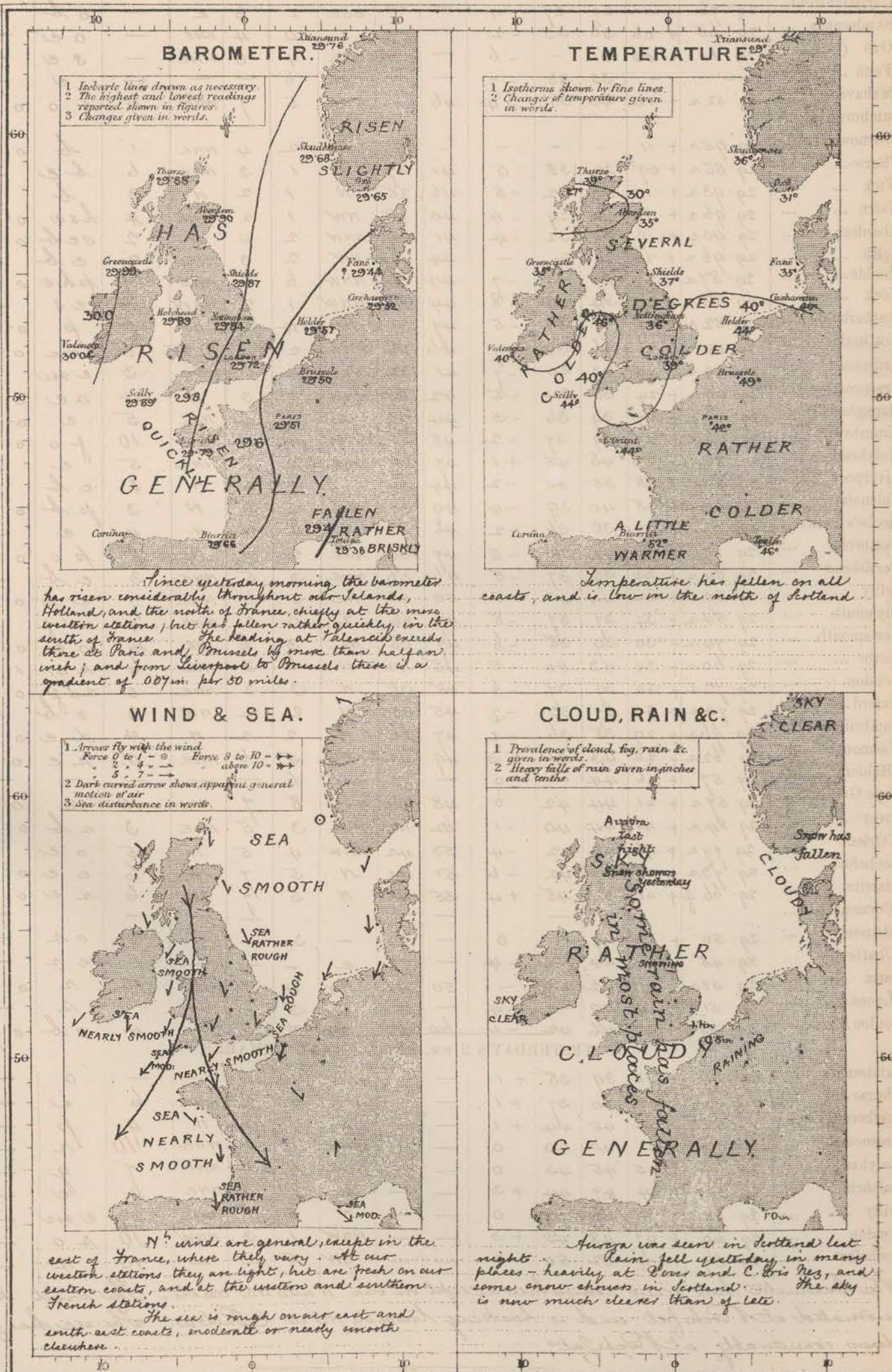
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 4TH DEC^R 1872 AT 8 A.M.



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, Lith. London, W.C.

Thurs-day 8 a.m.

WEATHER REPORT. 5th Dec^r

1872.

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.				
*Christiansund...	29.84	+08	31	—	+2	—	—	S	4	2	SSW	—	sb	—	3
*Skudesnaes ...	29.86	+18	32	32	-4	—	—	S	4	0	Z	—	bos	—	2
*Oxö (X'iansand)	29.91	+26	23	22	-8	—	—	NNE	4	4	NNE	—	bc	—	3
*Fanö ...	29.83	—	32	29	-3	—	—	N	4	—	—	—	o	—	—
Cuxhaven ...	29.98	+26	35	35	-5	40	—	NNE	6	7	NNE	9	mo	0.01	—
Sumburgh Head															
Stornoway (He- brides.)	29.57	-38	40	39	—	40	26	S	8	8	S	1	b	—	6
Thurso...	29.68	-20	32	32	-10	40	28	SSW	2	2	SSW	1	b	—	1
Wick ...	29.67	-26	37	33	+4	38	27	S	2	2	S	3	b	—	1
Nairn ...	29.72	-24	32	30	+3	34	24	WSW	2	1	NW	1	b	—	1
Aberdeen ...	29.79	-11	28	27	-7	37	25	SSW	1	2	NNW	0	bm	—	1
Leith ...	29.83	-13	28	27	—	42	26	SW	2	2	W	3	b	—	—
Shields...	29.89	+02	31	29	-6	39	30	SSW	1	6	N	5	cm	—	4
York ...	29.95	+12	27	26	-7	37	26	W	1	2	NNW	4	c	0.02	—
Scarborough ...	29.93	+11	30	29	-9	42	29	W	1	4	NE	2	pb	0.17	3
Nottingham ...	29.99	+15	25	25	-11	41	24	W	1	3	N	0	mf	—	—
Ardrossan ...	29.80	-19	31	31	-2	40	29	E	3	3	E	4	c	—	3
Greencastle ...	29.63	-36	38	37	+3	39	34	SSE	4	4	SSE	10	cg	—	—
Donaghadee ...	29.76	-20	35	34	-4	46	30	SSW	1	2	SW	3	cb	—	2
Kingstown ...	29.83	-13	40	38	+1	40	35	S	4	4	WNW	10	fd	0.02	4
Holyhead ...	29.87	-02	40	—	-6	47	36	SSE	2	2	SSE	7	c	—	1
Liverpool (Bidston Obs.)	29.96	+02	30	29	-5	39	28	SSE	2	3	N	4	bc	—	1
Valencia ...	29.69	-35	50	49	+10	57	37	SSW	5	4	SSW	9	+	0.69	4
Roche's Point...	29.76	-21	48	48	+10	48	35	—	5	5	SW	7	co	0.22	4
Pembroke ...	29.92	+04	45	41	+4	45	38	SW	3	2	SW	9	co	—	3
Portishead ...	30.02	+18	30	29	-9	43	27	W	1	4	N	10	cg	—	1
Scilly ...	30.01	+12	45	44	+1	46	42	SW	4	5	NE	9	po	0.04	4
Plymouth ...	30.03	+19	33	33	-4	45	31	E	1	2	NNE	10	bf	—	—
Portsmouth ...	30.03	+29	32	31	-7	43	31	NW	1	3	NE	3	b	—	1
Dover ...	29.97	+37	34	33	-9	44	33	NW	4	6	NNE	4	bc	—	2
London ...	30.01	+29	28	28	-11	43	27	W	1	3	NNW	3	mrb	—	—
Oxford...	30.03	+24	28	27	-9	39	27	WNW	1	2	W	2	b	—	—
Cambridge ...	30.00	+24	31	29	-7	40	29	WNW	1	3	NW	1	b	—	—
Yarmouth ...	29.89	+27	37	36	-6	48	36	W	3	7	NNE	5	rc	0.08	4
*Helder ...	29.87	+30	41	—	-3	—	—	N	2	—	—	—	—	—	2
Cape Gris Nez...	29.98	+41	37	35	-7	47	37	N	3	8	NNE	2	rb	—	2
Brest ...	30.10	+26	47	42	+3	49	37	WNW	1	4	N	10	o	—	2
L'Orient ...	30.10	+31	40	38	-4	50	39	SE	1	5	N	8	co	—	3
Rochefort ...	30.13	+40	37	35	-9	50	36	N	1	5	N	0	cb	—	3
Biarritz ...	30.17	+51	43	41	-9	52	41	E	3	7	N	9	ra	0.24	3
*Corunna ...	30.24	+24	48	—	-1	—	—	NW	6	—	—	—	c	—	2
*Brussels ...	29.93	+43	42	—	-7	—	—	NNE	4	—	—	—	ro	—	—
*Charleville ...	29.95	+47	37	—	-7	—	—	NNW	1	—	—	—	c	—	—
Paris ...	30.02	+51	33	33	-9	45	32	W	1	7	WNW	0	rf	0.04	—
*Lyons...	29.99	+48	46	—	-3	—	—	N	3	—	—	—	c	—	—
Toulon...	29.98	+40	41	37	-5	50	41	NW	8	8	NW	2	b	—	7

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

Skudesnaes ...	29.73	+05	33	31	-3	—	—	ENE	2	—	—	—	b	—	2
Thurso...	29.92	+04	38	36	-1	—	—	NNW	1	1	NNW	6	c	—	1
Scarborough ...	29.85	+03	39	38	0	—	—	NNE	4	4	NE	7	p	—	4
Greencastle ...	30.00	+01	37	36	+2	—	—	WSW	2	2	WSW	2	b	—	—
Holyhead ...	29.96	+07	42	38	-4	—	—	NNE	2	2	NNE	5	c	—	1
Valencia ...	30.07	+03	43	40	+3	—	—	NNE	2	2	NNE	4	c	—	2
Scilly ...	30.00	+11	44	43	0	—	—	NE	3	5	NE	6	p	—	2
London ...	29.83	+11	42	39	+3	—	—	NNW	3	3	N	2	mrb	—	—
Rochefort ...	29.80	+07	50	45	+4	—	—	N	5	—	—	0	b	—	3

Pressure has continued to increase generally, chiefly in the south-east. No other change of importance is reported, excepting the shift of wind to WSW at Greencastle.

EXPLANATION OF COLUMNS.

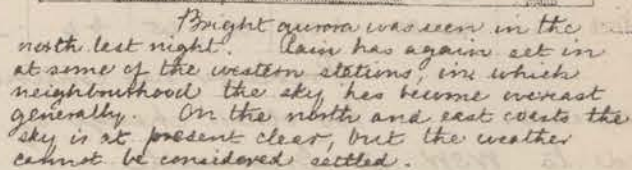
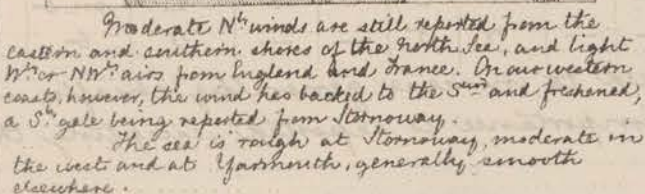
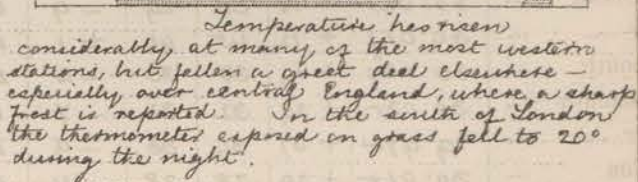
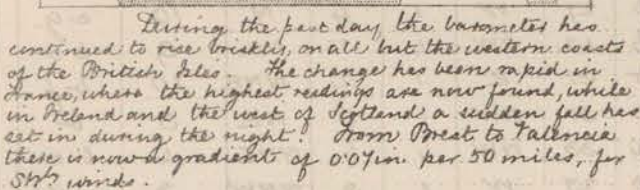
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

1872 AT 8 A.M.



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

Fri-day 8 a.m.

WEATHER REPORT. Dec-6th

1872.

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.	Forces. (0 to 12.)	Forces. (0 to 12.)	Dir.				
*Christiansund...	29.55	-29	28	27	-3	—	—	ESE	6	2	ENE	—	6	—	3
*Skudesnaes ...	29.43	-43	36	32	+4	—	—	ESE	8	6	ESE	—	co	—	7
*Oxö (X'Hansand)	29.58	-33	37	34	+14	—	—	SE	6	4	NNE	—	co	—	4
*Fanö ...	29.56	-27	35	34	+3	—	—	SSE	8	—	—	—	o	—	—
Cuxhaven ...	29.62f	-16	36	35	+1	—	31	SSE	4	1	S	7	so	—	—
Sumburgh Head															
Stornoway (He- brides.)	28.52f	-105	42	42	+2	44	39	E	3	11	SSE	10	ut	0.41	4
Thurso...	28.70f	-93	41	40	+12	41	28	SE	4	7	ESE	9	so	0.11	3
Wick ...	28.72f	-95	44	43	+7	44	35	S	3	7	S	6	oc	0.28	3
Nairn ...	28.70f	-102	42	39	+10	42	30	SW	4	2	WSW	2	ob	—	2
Aberdeen ...	28.76f	-103	44	42	+16	44	28	SSW	5	2	SSW	9	to	0.43	3
Leith ...	28.94f	-89	45	43	+17	47	—	W	6	7	S	4	oc	0.09	—
Shields...	29.15f	-74	40	40	+9	40	31	SW	2	6	S	8	mg	0.06	4
York ...	29.24f	-71	43	41	+16	41	27	S	2	3	SSE	10	ps	0.36	—
Scarborough ...	29.24f	-69	40	39	+10	41	29	WSW	3	6	SW	7	oc	0.24	3
Nottingham ...	29.26f	-63	42	40	+17	45	—	SSW	4	6	S	7	tm	0.28	—
Ardrossan ...	28.97f	-83	47	45	+16	49	31	SW	7	2	S	8	+	0.46	6
Greencastle ...	29.06f	-57	45	44	+7	46	37	WNW	5	6	SSE	8	tg	1.09	—
Donaghadee ...	29.10f	-66	44	42	+9	46	35	WSW	5	6	WSW	10	to	0.63	4
Kingstown ...	29.30f	-53	45	42	+5	50	39	W	6	6	W	6	tm	0.19	4
Holyhead ...	29.30f	-57	46	45	+6	50	—	W	4	7	SSW	9	to	0.89	4
Liverpool (Bridston Obs.)	29.33f	-53	44	41	+14	45	30	WSW	5	6	WSW	8	co	0.34	4
Valencia ...	29.51+	-18	43	45	-2	53	45	W	7	8	W	5	p	0.41	6
Roche's Point...	29.50+	-26	45	42	-3	52	43	WNW	3	6	SW	2	rb	0.62	3
Pembroke ...	29.45+	-47	49	45	+4	50	44	W	7	9	SSW	8	og	0.70	5
Portishead ...	29.49f	-53	44	42	+14	49	28	WSW	2	7	SSW	4	gc	0.47	2
Scilly ...	29.63+	-38	50	48	+5	52	44	W	6	6	W	6	bcm	0.36	6
Plymouth ...	29.59f	-44	45	45	+12	51	—	W	2	6	SW	5	gf	0.45	—
Portsmouth ...	29.52f	-50	45	44	+13	48	32	WSW	3	6	SW	3	cb	0.22	3
Dover ...	29.46f	-57	44	43	+10	49	33	SW	3	7	SW	3	bw	0.32	3
London ...	29.47f	-32	42	41	+14	47	28	SW	3	6	SSW	3	agb	0.15	—
Oxford...	29.47+	-56	42	40	+4	47	28	SW	2	3	S	7	oc	0.31	—
Cambridge ...	29.42f	-38	40	38	+9	44	30	SW	1	2	SW	3	erb	0.25	—
Yarmouth ...	29.34f	-55	41	40	+4	43	34	WSW	4	7	SSW	4	rc	0.28	3
*Helder ...	29.40	-47	37	—	-4	—	—	S	6	—	—	—	—	—	4
Cape Gris Nez...	29.57f	-47	48	44	+11	48	37	W	5	7	SSW	2	rb	0.43	4
Brest ...	29.77f	-33	52	48	+5	52	46	NW	4	7	WSW	10	rf	0.39	4
L'Orient ...	29.78f	-32	52	50	+12	53	—	WNW	5	7	WSW	8	to	0.32	4
Rochefort ...	29.85f	-28	53	51	+16	53	—	W	5	4	SSE	10	et	0.33	4
Biarritz ...	30.06f	-11	47	42	+4	49	—	SW	4	4	SE	10	ot	0.08	3
*Corunna ...															—
*Brussels ...	29.56	-37	43	—	+1	—	—	SW	3	—	—	—	o	—	—
*Charleville ...	29.71	-24	35	—	-2	—	—	SSW	6	—	—	—	os	—	—
Paris ...	29.66f	-36	44	44	+11	44	33	SW	5	5	SW	10	ot	0.47	—
*Lyons...	30.02	+03	39	—	-7	—	—	SE	3	—	—	—	s	—	—
Toulon...	30.01+	+23	36	35	-2	48	35	NW	2	9	?NNW	4	bc	—	7

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

Skudesnaes ...	29.86	00	33	29	+1	—	—	SSE	6	—	—	—	o	—	4
Thurso...	29.34	-34	36	36	-7	—	—	SSE	5	5	SSE	8	o	—	3
Scarborough ...	29.76	-17	34	32	+4	—	—	?SW	3	2	WSW	8	o	—	3
Greencastle ...	29.26	-37	43	43	+5	—	—	SSW	4	6	SSE	10	+	—	—
Holyhead ...	29.60	-27	44	43	+4	—	—	SSW	7	7	SSW	10	+	—	—
Valencia ...	29.48	-21	53	52	+3	—	—	SW	6	6	SW	9	+	—	5
Scilly ...	29.82	-19	49	48	+1	—	—	SW	6	6	SW	9	o	—	5
London ...	29.94	-07	39	35	+11	—	—	SW	2	2	SW	9	fco	—	—
Rochefort ...	30.15	+02	45	40	+8	—	—	S	3	—	—	10	o	—	3

The decrease of pressure in the west and north-west has continued rapidly and extended to all our other coasts. Strong SSW breezes are reported from all our western coasts, with rain and a rough sea. Warnings extended to the remainder of the Channel coasts.

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

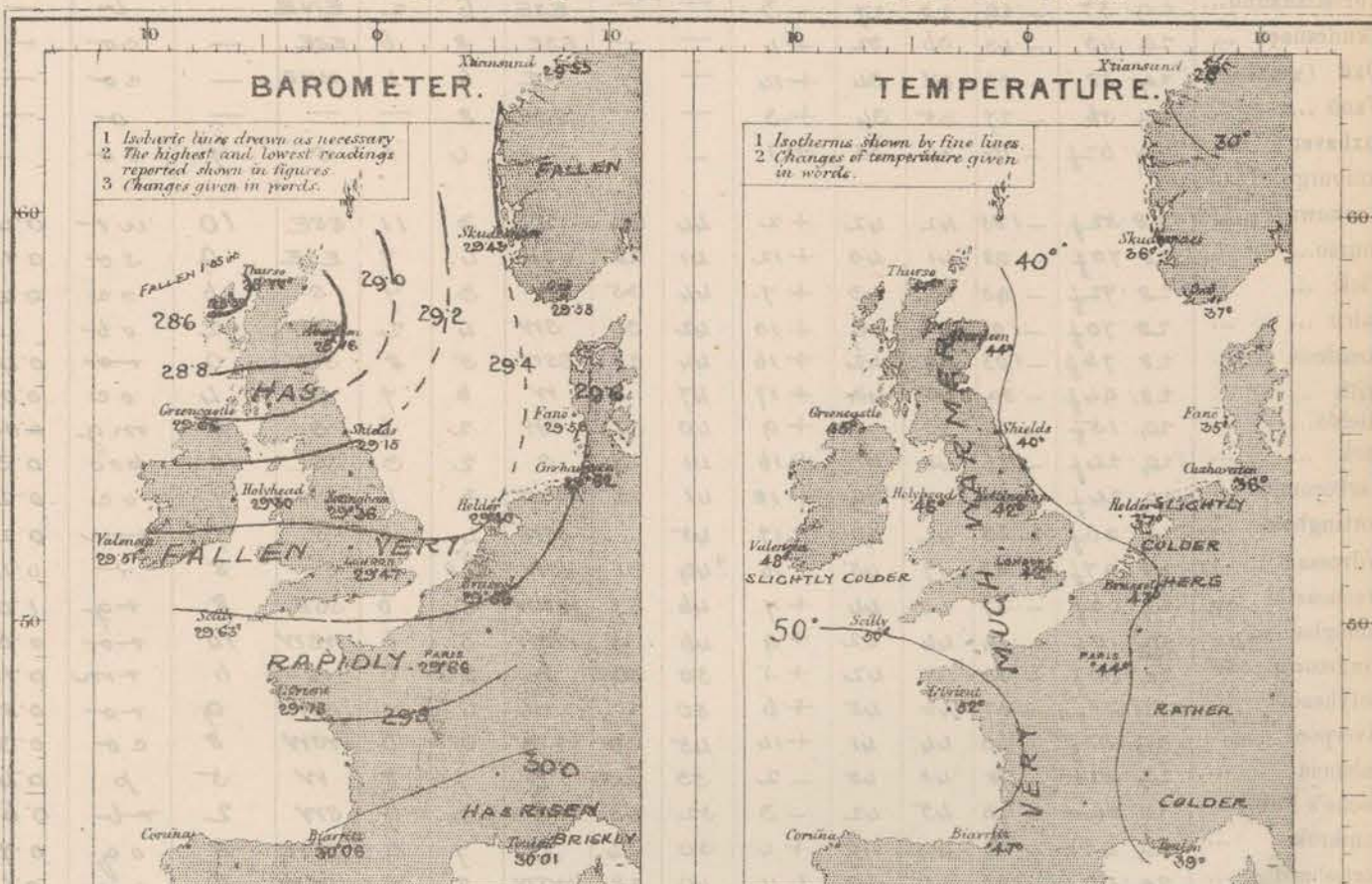
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS

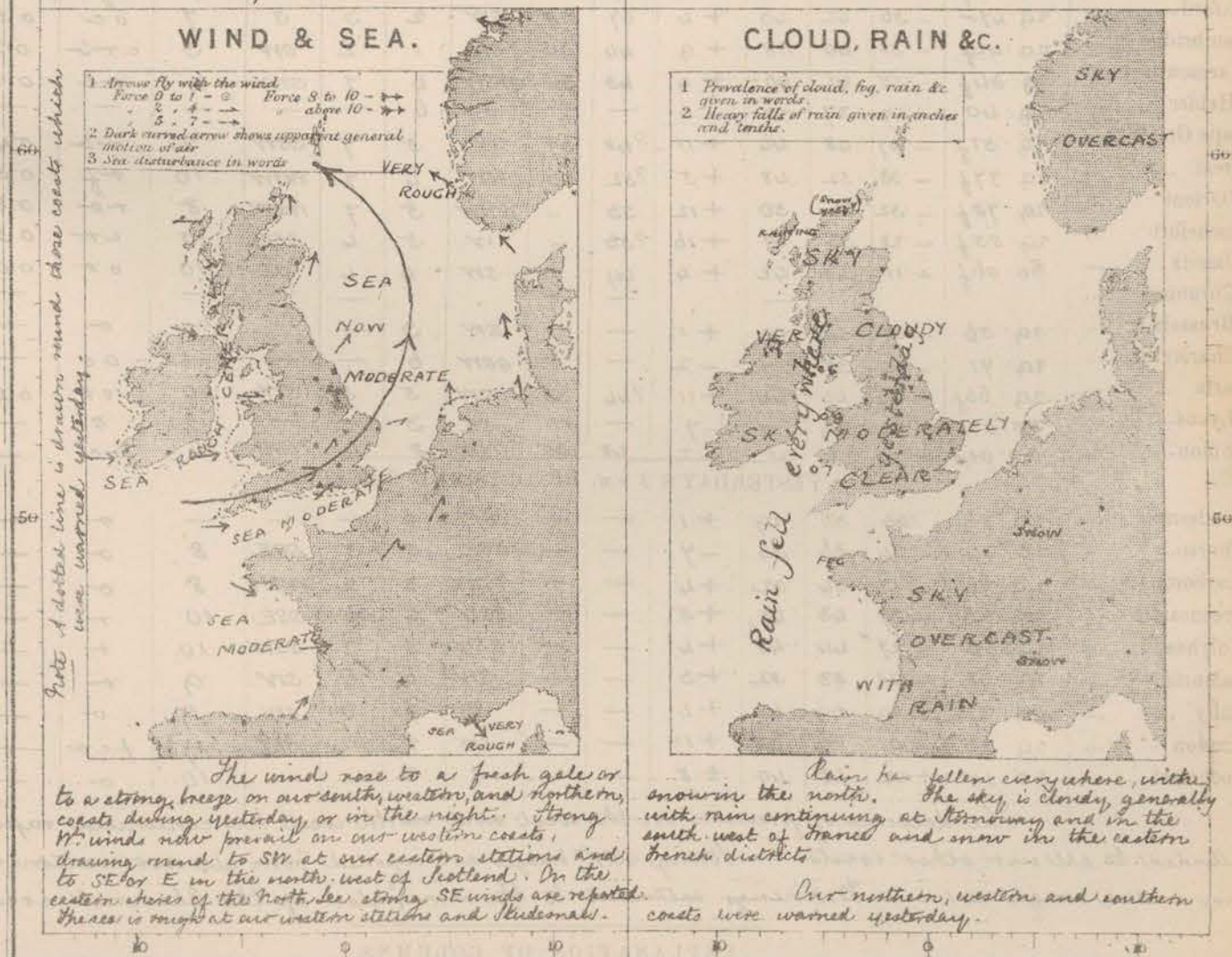
AND REMARKS FOR

FRIDAY 6TH DEC^R 1872 AT 8 A.M.



Since yesterday morning, a very rapid fall of the barometer has taken place on all our coasts, accompanied by a rather brisk rise in the south of France. In the north and west of Scotland the fall exceeds an inch and readings are very low. The gradient from Great to Holyhead is 0.08 in. from Holyhead to Stormy, 0.13 in., and from Skudsmas to Wick, 0.14 in. per 50 miles.

Temperature has risen rapidly, except in the south of Ireland and the Netherlands, where a slight fall is reported. In some places the change since yesterday morning amounts to 19°; and in London the max. temperature for the past 24 hours occurred in the night.



The wind rose to a fresh gale or to a strong breeze on our south, western, and northern coasts during yesterday, or in the night. Strong W. winds now prevail on our western coasts, drawing round to SW. at our eastern stations and to SE. or E. in the north, west of Scotland. In the eastern series of the North Sea, strong SE. winds are reported. There is rough at our western stations and Skudsmas.

Rain has fallen every where, with snow in the north. The sky is cloudy, generally with rain continuing at Stormy and in the south, west of France and snow in the eastern French districts.

Our northern, western and southern coasts were warmed yesterday.

Subscription for these Charts payable in advance
to order delivery.
Delivered by hand 10s per quarter
... post 5s per quarter

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

Vincent Brooks, Layer & Son, Lith. London, W.C.

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 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. Direc.	Extreme.						
			Dry bulb.	Wet bulb.		Max.	Min.		Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
*Christiansund...	29.19	-.36	38	29	+5	—	—	E	2	4	ESE	—	b	—	2
*Skudesnaes ...	29.07	-.36	42	39	+6	—	—	ESE	6	8	ESE	—	o	—	4
*Oxö (X'iansand)	29.13	-.45	44	43	+7	—	—	SSW	6	—	—	—	+	—	5
*Fanö ...	29.27	-.29	41	41	+6	—	—	S	6	—	—	—	o	—	—
Cuxhaven ...	29.34f	-.28	42	41	+6	—	33	SSW	3	5	SSW	9	ro	0.10	—
Sumburgh Head															
Stornoway (He- brides.)	28.84r	+32	42	41	0	44	38	WNW	3	3	NW	4	p	0.23	—
Thurso...	28.73r	+03	41	40	0	43	40	WSW	1	4	WSW	7	p	0.57	2
Wick ...	28.78r	+06	42	40	-2	45	39	SW	3	3	W	4	c	0.07	1
Nairn ...	28.89r	+19	42	40	0	44	40	W	3	4	NW	8	op	0.05	2
Aberdeen ...	28.96r	+10	37	36	-7	46	36	SSW	2	5	SSW	5	c	—	2
Leith ...	29.06r	+12	43	41	-2	49	41	W	5	6	W	6	c	0.04	—
Shields...	29.17r	+02	41	39	+1	44	40	WSW	5	5	WSW	4	c	—	3
York ...	29.27f	+03	38	37	-5	44	36	WSW	1	5	SSW	6	gc	0.02	—
Scarborough ...	29.23f	-.01	37	37	-3	45	36	W	2	4	W	1	cb	—	2
Nottingham ...	29.36f	00	34	33	-8	49	34	W	1	4	SSE	2	mb	—	—
Ardrossan ...	29.13r	+16	47	41	0	50	47	WNW	7	8	WNW	4	pcg	0.49	4
Greencastle ...	29.23r	+17	41	40	-4	46	39	W	4	6	W	9	po	0.29	—
Donaghadee ...	29.25r	+15	38	37	-6	46	37	WSW	3	7	W	1	cb	—	4
Kingstown ...	29.38r	+08	42	40	-3	47	41	W	4	9	W	3	cb	—	4
Holyhead ...	29.35r	+05	44	42	-2	50	44	W	2	4	SSW	7	c	—	1
Liverpool (Bidston Obs.)	29.38f	+05	43	41	-1	48	41	W	4	7	WSW	7	c	—	4
Valencia ...	29.57r	00	48	46	0	53	44	W	4	7	W	6	p	0.11	5
Roche's Point...	29.50r	00	44	42	-1	48	46	W	4	4	W	4	c	—	3
Pembroke ...	29.48r	+03	47	44	-2	49	45	WNW	5	6	W	9	po	0.09	4
Portishead ...	29.47r	-.02	41	40	-3	51	39	WSW	4	5	WSW	7	gc	0.16	4
Scilly ...	29.62r	-.01	43	47	-2	52	45	W	5	6	E	7	ap	0.77	5
Plymouth ...	29.56r	-.03	43	43	-2	50	40	W	2	4	SW	7	rf	0.58	—
Portsmouth ...	29.49s	-.04	41	40	-4	48	39	NW	1	3	W	5	oc	0.68	1
Dover ...	29.34f	-.12	42	42	-2	49	42	NNW	3	5	WSW	5	bg	0.64	3
London ...	29.39f	-.08	39	39	-3	48	38	WNW	1	3	WSW	6	ofc	0.57	—
Oxford...	29.42	-.05	39	38	-3	47	39	W	2	2	SW	6	oc	0.08	—
Cambridge ...	29.35f	-.07	39	37	-1	47	38	W	1	2	SW	4	pc	0.06	—
Yarmouth ...	29.25f	-.09	39	38	-2	45	38	WNW	3	4	WSW	6	cg	—	2
*Helder ...	29.24	-.16	42	—	+5	—	—	S	3	—	—	—	—	—	2
Cape Gris Nez...	29.37f	-.14	46	44	-2	51	44	NNW	5	5	W	10	o	0.32	4
Brest ...															
L'Orient ...	29.67r	-.11	48	46	-4	57	47	NW	5	7	SW	7	ro	0.35	5
Rochefort ...	29.69f	-.16	51	49	-2	55	46	NW	7	5	W	10	ro	0.59	5
Biarritz ...	29.88f	-.18	57	53	+10	—	57	SW	8	7	SW	9	+	0.12	5
*Corunna ...															
*Brussels ...	29.13	-.43	52	—	+9	—	—	SW	7	—	—	—	+	—	—
*Charleville ...	29.30	-.41	57	—	+16	—	—	SSW	6	—	—	—	o	—	—
Paris ...															
*Lyons...	29.72	-.30	50	—	+11	—	—	SW	3	—	—	—	c	—	—
Toulon...	29.98f	-.03	57	49	+15	—	—	WSW	3	5	NW	9	fo	0.08	6

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

Skudesnaes ...	29.30	-.28	40	35	+3	—	—	ESE	8	—	—	—	—	7
Thurso...														
Scarborough ...	29.22	-.02	44	43	+4	—	—	W	4	3	WSW	7	—	3
Greencastle ...	29.11	+05	45	44	0	—	—	W	6	—	W	9	—	—
Holyhead ...	29.34	+04	47	44	+1	—	—	SW	3	4	SSW	8	—	4
Valencia ...	29.41	-.10	51	49	+3	—	—	W	4	7	W	9	—	6
Scilly ...	29.59	-.04	57	49	+1	—	—	WSW	5	6	WSW	10	—	6
London ...	29.51	+04	48	45	+6	—	—	WSW	2	3	SW	6	—	—
Rochefort ...	29.88	+03	55	51	+2	—	—	NW	4	—	—	10	—	3

The barometer has begun to fall again at our south-western stations, but has risen elsewhere. From Kingstown a strong W gale is reported but elsewhere there is little change beyond, a backing of the wind a little at Scilly. The weather still looks very threatening.

EXPLANATION OF COLUMNS.

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

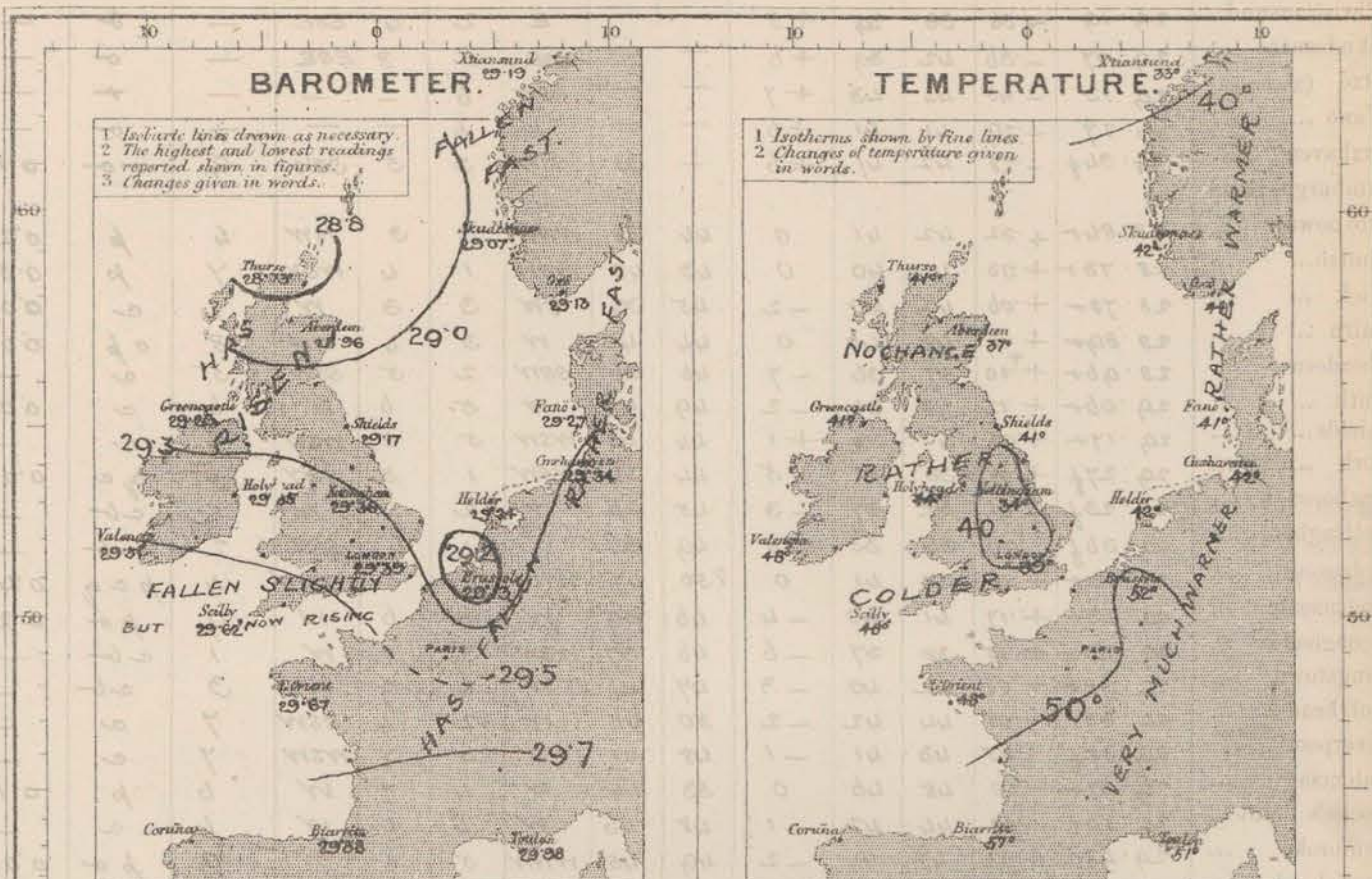
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m. N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8 a.m. *At Aberdeen yesterday barometer should be 28.86, and difference since previous day - 0.13.*

WEATHER CHARTS

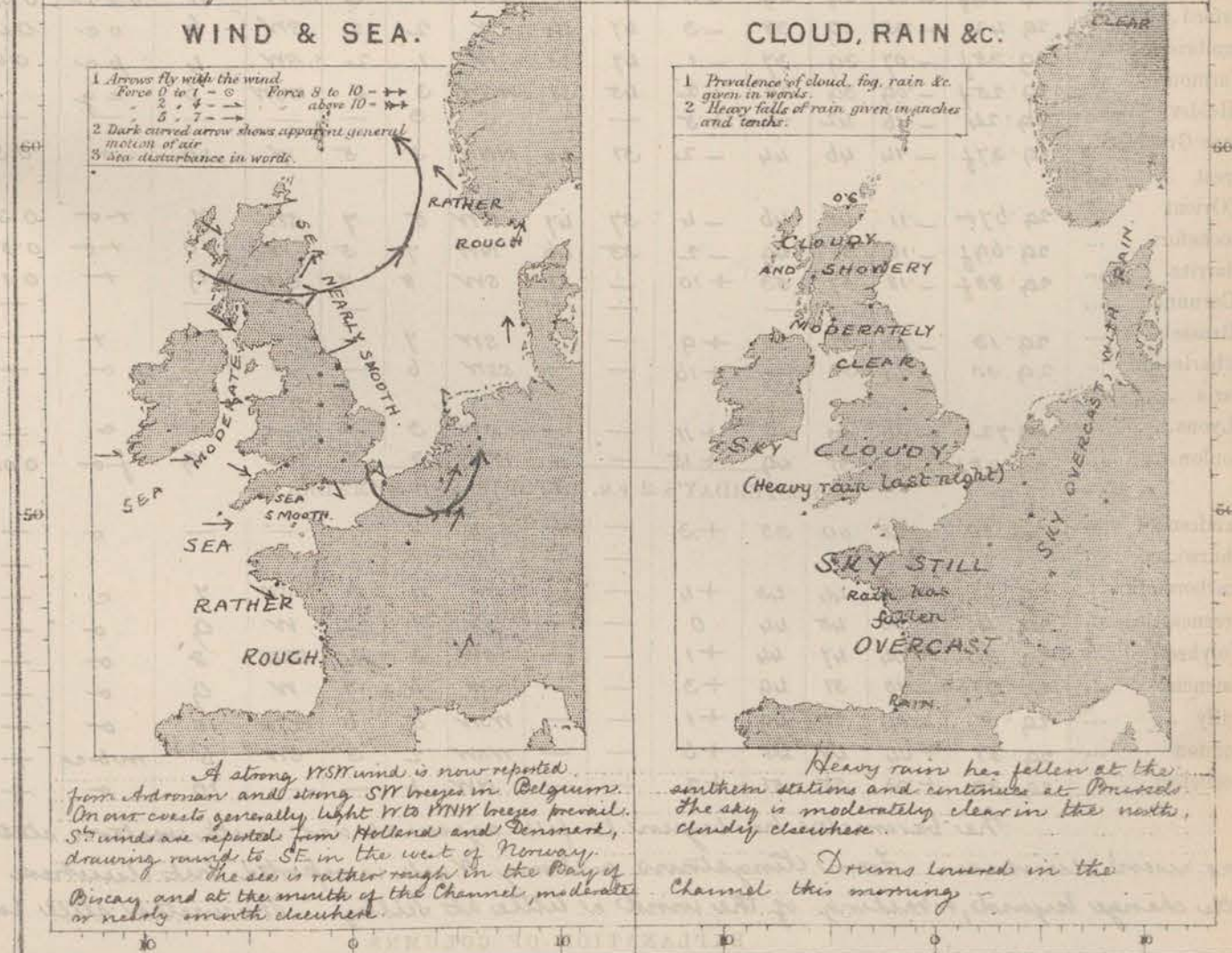
AND REMARKS FOR

SATURDAY 7TH DEC^R 1872 AT 8 A.M.



A recovery of barometrical pressure has now commenced on our west and north-west coasts - the depression noticed there yesterday having travelled north-eastwards. During the past night, however, a local depression has piled up the English Channel and now lies over Belgium, from Valencia to Thuro, and from Portsmouth to Brussels the gradients are now 0.09 in per 50 miles.

Temperature has risen somewhat on the eastern and southern shores of the North Sea, rapidly in the east of France. In Scotland it is unchanged, but has fallen somewhat in Ireland and England.



A strong WSW wind is now reported from Andromar and strong SW breezes in Belgium. On our coasts generally light W to WNW breezes prevail. Sth winds are reported from Holland and Denmark, drawing round to SE in the west of Norway. The sea is rather rough in the Bay of Biscay and at the mouth of the Channel, moderate or nearly smooth elsewhere.

Heavy rain has fallen at the southern stations and continues at Brussels. The sky is moderately clear in the north, cloudy elsewhere.

Drums lowered in the Channel this morning.

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

Meteorological Office
116, Victoria Str^{et}, Westminster, S.W.
ROBERT H. SCOTT, Director.

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

Sunday 8 a.m.

WEATHER REPORT. DEC 8 1872.

1872.

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 4.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.						
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.					
*Christiansund...																
*Skudesnaes ...	28.99	-08	44	41	+2			S	6	6	SE		o c		4	
*Oxö (Xtiansand)	29.07	-06	41	40	-3			S	2	4	SSW		o c		3	
*Fanö ...	29.21	-06	41	40	0			WSW	6				e			
Cuxhaven ...	29.33	-01	41	40	-1		38	W	5	1	NE		o c	0.26		
Sumburgh Head																
Stornoway (Hebrides)	28.93	+09	37	36	-5	42	36	NW	3	3	NW	7	f g	0.42	2	
Thurso...	28.82	+09	40	39	-1	45	40	W	2	5	WSW	6	f e	0.40	3	
Wick ...	28.89	+12	40	35	-2	44	37	W	2	4	WNW	4	e		1	
Nairn ...	28.95	+06	41	39	-1	44	39	W	2	3	W	5	o e p	0.03	1	
Aberdeen ...	28.97	+01	40	37	+3	44	35	WSW	1	2	SW	4	e m		1	
Leith ...	29.11	+05	40	38	-3	48	37	W	5	5	W	4	e	0.03		
Shields...	29.20	+03	40	38	-1	44	38	W	4	5	WNW	3	e b	0.01	2	
York ...	29.34	+07	40	38	+2	46	37	W	2	5	WSW	4	f e	0.22		
Scarborough ...	29.30	+07	39	38	+2	44	35	W	3	2	W	3	e b	0.06	2	
Nottingham ...	29.45	+09	37	35	+3	48	33	SW	4	5	WSW	2	f m	0.07		
Ardrossan ...	29.19	+06	42	40	-5	48	41	WSW	6	6	WSW	5	f e	0.45	5	
Greencastle ...	29.23	00	38	37	-3	43	37	WSW	4	5	W	10	f	0.26		
Donaghadee ...	29.24	-01	36	35	-2	43	36	SW	5	7	W	4	e	0.02	5	
Kingstown ...	29.40	+02	42	39	0	46	41	WSW	5	7	W	7	g b	1.00	4	
Holyhead ...	29.38	+03	43	41	-1	48	42	SSW	4	7	SSW	6	e		4	
Liverpool (Bidston Obs.)	29.41	+03	42	39	-1	47	40	WSW	5	7	WSW	5	e	0.03	4	
Valencia ...																
Roche's Point...																
Pembroke ...																
Portishead ...	29.57	+10	42	41	+1	50	38	WSW	4	5	W	10	g m	0.16	4	
Scilly ...	29.63	+01	49	48	+1	51	44	SSW	5	7	W	8	g b	0.39	6	
Plymouth ...	29.65	+09	45	44	+2	51	41	W	2	5	W	10	f m	0.09		
Portsmouth ...	29.62	+13	44	43	+3	48	39	WSW	3	3	WNW	1	e b		3	
Dover ...	29.60	+26	40	39	-2	46	38	WSW	3	4	W	1	b		3	
London ...	29.57	+18	38	37	-1	46	37	SW	2	5	W	2	e p b	0.05		
Oxford...	29.56	+14	38	36	-1	46	38	SW	2	5	SW	0	e b	0.06		
Cambridge ...	29.51	+16	39	37	0	44	36	WSW	2	2	WSW	1	e b	0.04		
Yarmouth ...	29.46	+21	40	38	+1	45	37	WSW	5	5	SW	2	e b		3	
*Helder ...																
Cape Gris Nez...	29.62	+25	45	41	-1	50	44	W	5	7	WSW	1	o b	0.08	4	
Brest ...	29.80		52	50		54	46	WSW	5	5	W	8	o	0.08	5	
L'Orient ...	29.86	+19	50	50	+2	58	47	WSW	4	8	WSW	6	o c	0.20	4	
Rochefort ...	29.97	+28	52	48	+1	54	46	W	4	7	NW	5	o c	0.12	3	
Biarritz ...	30.12	+24	51	47	-6	55	48	SE	3	9	W	7	o f	0.16	5	
*Corunna ...																
*Brussels ...	29.60	+47	44		-8			WSW	6				o			
*Charleville ...	29.65	+35	42		-9			S	6				o			
Paris ...	29.77	+34	44	42	-2	49	42	NW	5	7	WNW	1	o f	0.04		
*Lyons...	30.00	+28	50		0			NW					o			
Toulon...	30.03	+05	46	42	-5	53	44	NW	5	7	NW	3	g b	0.08	6	

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

Skudesnaes ...	29.03	-04	45	38	+3				6				o r		4
Thurso...	28.75	+02	44	42	+3			WSW	4	4	WSW	5	f e		3
Scarborough ...	29.26	+03	42	40	+5			W	2	2	W	6	e		2
Greencastle ...	29.20	-03	42	41	+1			W	4	4	W	9	o		
Holyhead ...	29.36	+01	45	43	+1			SW	4	4	W	7	e		2
Valencia ...	29.54	+03	47	44	-1			WNW	6	7	W	4	f		8
Scilly ...	29.66	+04	49	48	+1			WSW	6	6	WSW	9	l		6
London ...	29.51	+12	46	43	+7			W	2	2	WNW	8	e		
Rochefort ...	29.92	+23	51	49	0			NW	5			10	o		4

Pressure has increased very briskly at Rochefort but is hardly changed in our Islands - the tendency is to decrease again in the NW. The wind has backed a little at Holyhead and Scilly, but veered and freshened at Valencia, where, however, a heavy sea is reported. Warnings issued to our west coasts.

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

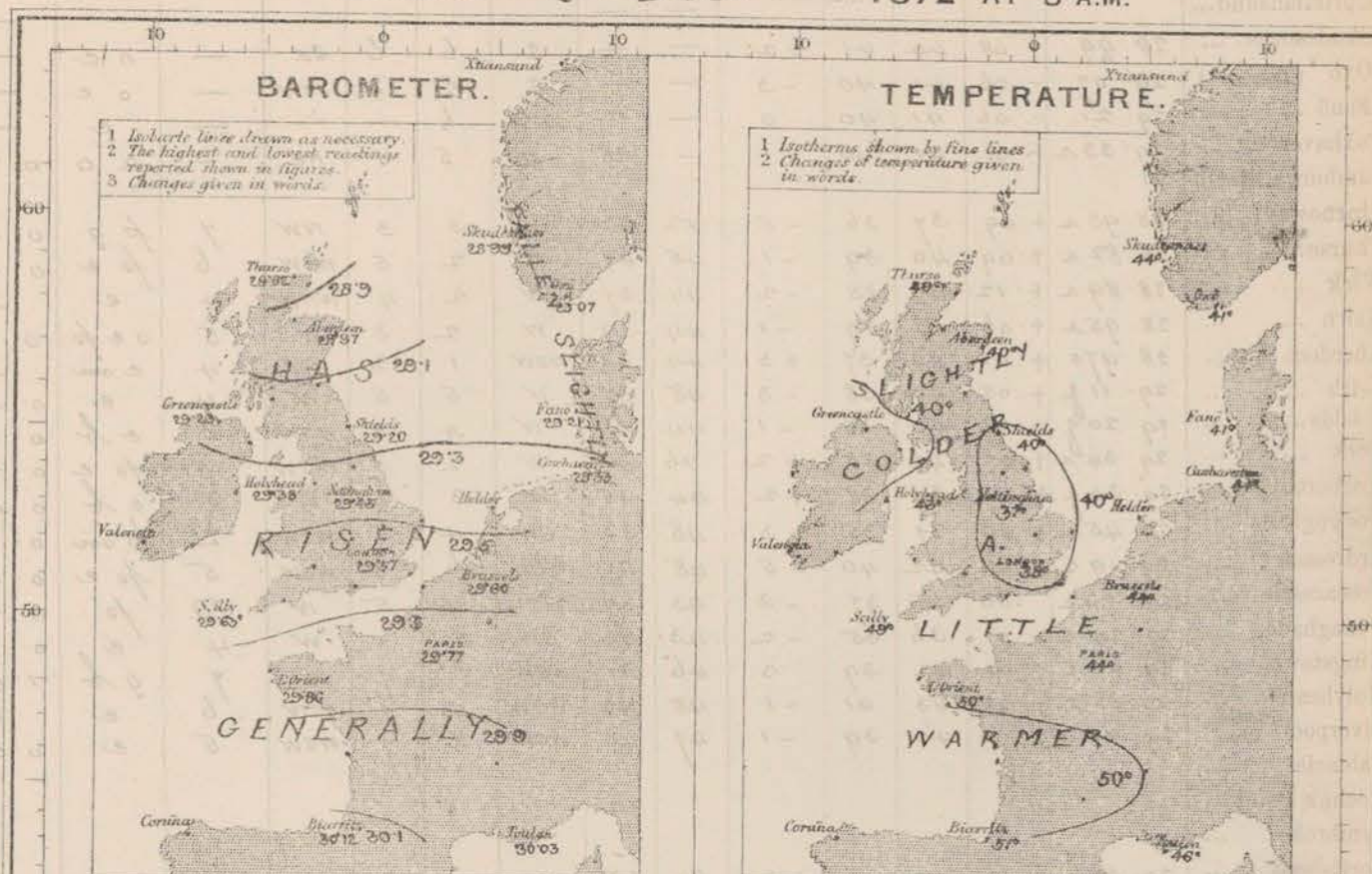
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS

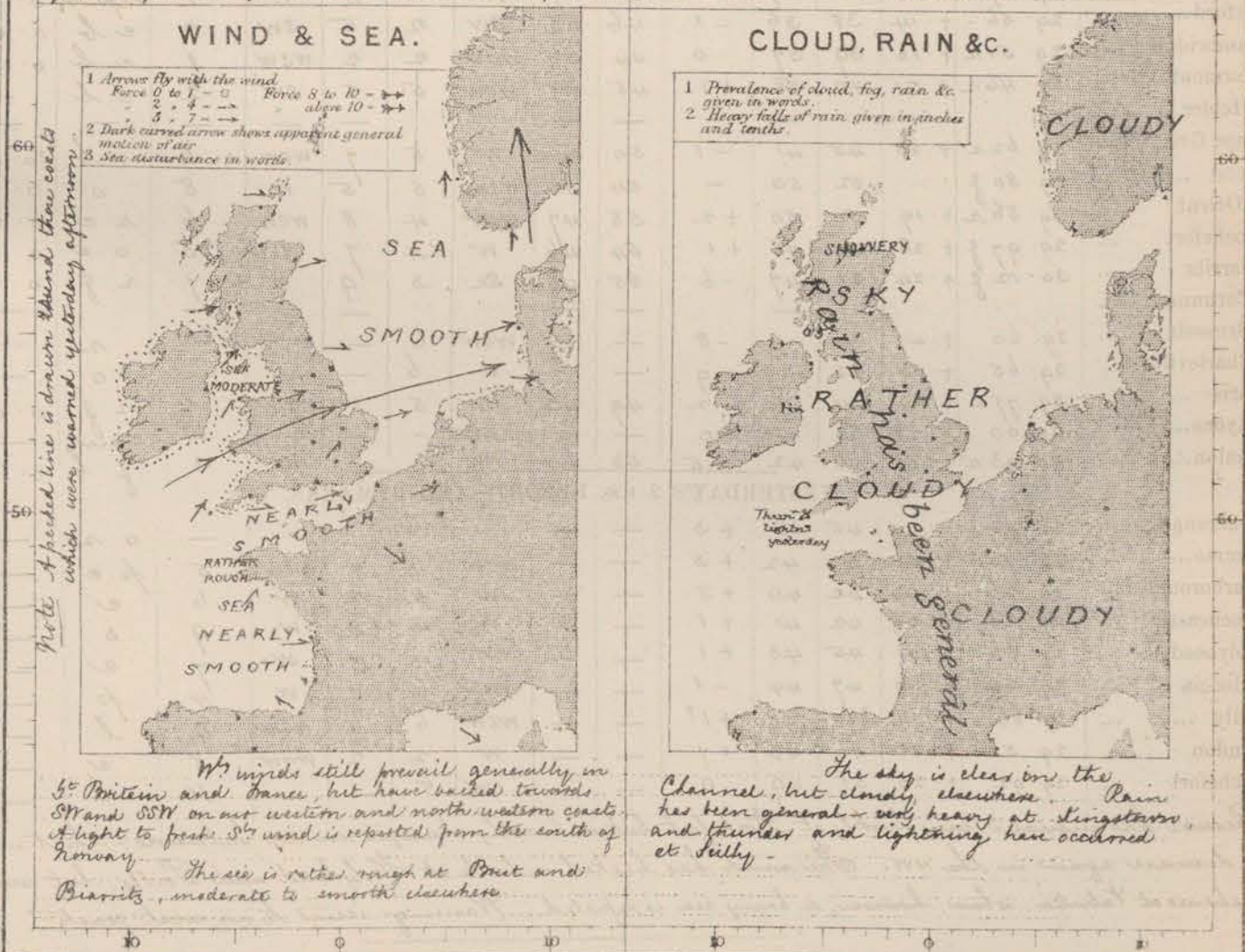
AND REMARKS FOR

SUNDAY 8TH DEC^R 1872 AT 8 A.M.



The barometer has again fallen slightly on the eastern shores of the North Sea, but risen at all the British and French stations since yesterday morning, most in France. A fresh decrease has, however, commenced in the south-west of England during the night. Our reports from the south of Ireland and Antwerp have not yet arrived. The gradient from Lillie to Thuro is about 0.06 in per 50 m.

Temperature has fallen several degrees in Belgium and the north-east of France, but is very little changed elsewhere.



Note: A dotted line is drawn round the coast which were warned yesterday afternoon.

Winds still prevail generally in S.W. Britain and France, but have backed towards S.W. and S.W. on our western and north-western coasts. A light to fresh S.W. wind is reported from the south of Norway. The sea is rather rough at Boulogne and Biarritz, moderate to smooth elsewhere.

The sky is clear in the Channel, but cloudy elsewhere. Rain has been general - very heavy at Lingston and thunder and lightning have occurred at Lillie.

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

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

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

Monday 8 a.m.

WEATHER REPORT. DEC^r 9th 1872.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Dist. in miles. 0 to 100.	
	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.
*Christiansund...	29.06	-	37	34	-	-	-	ENE	6	0	2	-	o	-	3
*Skudesnaes ...	28.86	-13	42	37	-2	-	-	E	4	6	ESE	-	o	-	4
*Oxö (X'Hansand)	28.90	-17	41	40	0	-	-	SE	6	2	E	-	e n	-	4
*Fanö ...	28.84	-37	41	41	0	-	-	S	8	-	-	-	e	-	-
Cuxhaven ...	28.988	-35	42	40	+1	-	37	WSW	6	7	WSW	6	re	0.17	-
Sanburgh Head															
Stornoway (He- brides)	28.798	-14	35	35	-2	39	32	WNW	2	3	NW	6	e	0.08	2
Thurso ...	28.768	-06	34	34	-6	41	31	SSW	4	4	W	6	ew	0.05	2
Wick ...	28.798	-10	32	32	-8	40	29	W	1	2	W	4	be	-	0
Nairn ...	28.828	-13	35	33	-6	42	30	NW	2	2	W	8	bo	-	1
Aberdeen ...	28.778	-20	35	34	-5	43	32	NNW	2	2	NNW	5	ben	-	2
Leith ...	28.808	-31	39	36	-1	45	35	NW	2	5	W	6	e	0.04	-
Shields ...	28.648	-56	39	39	-1	43	39	N	8	7	SE	9	r	0.74	6
York ...	28.648	-70	38	37	-2	45	37	WNW	5	7	WNW	10	gr	0.50	-
Scarborough ...	28.558	-75	39	39	0	45	38	NNW	4	6	WNW	10	ger	0.41	3
Nottingham ...	28.798	-66	36	36	-1	47	34	W	8	9	SW	10	gs	0.55	-
Ardrossan ...	28.858	-34	42	40	0	45	38	NW	4	6	WSW	6	ce	-	3
Greencastle ...	28.958	-28	39	37	+1	40	36	WSW	3	4	WSW	10	wg	0.18	-
Donaghadee ...	28.908	-34	38	37	+2	43	36	NNW	4	8	E	4	oe	0.98	5
Kingstown ...	29.018	-39	39	37	-3	46	35	WNW	3	10	SSE	10	rm	0.38	4
Holyhead ...	28.948	-45	42	40	-1	48	39	WNW	7	10	WNW	10	rm	0.93	6
Liverpool (Bidston Obs.)	28.918	-50	41	38	-1	49	37	WNW	7	10	WNW	10	o	0.41	6
Valencia ...															
Roche's Point ...															
Pembroke ...															
Portishead ...	29.088	-49	42	40	0	50	40	W	6	11	WSW	10	gm	0.24	6
Scilly ...															
Plymouth ...	29.198	-46	42	40	-3	51	40	W	5	11	WSW	10	gm	0.10	-
Portsmouth ...	29.128	-49	43	40	-1	50	40	WSW	7	10	WSW	8	gm	0.27	5
Dover ...	29.028	-58	43	40	+3	50	39	WSW	2	8	WSW	2	w	0.06	5
London ...	28.998	-58	41	38	+3	50	37	WSW	5	10	WSW	7	nce	0.21	-
Oxford ...	29.018	-55	41	37	+3	47	38	W	4	10	WSW	10	o	0.21	-
Cambridge ...	28.888	-63	40	38	+1	47	38	WSW	6	8	SW	10	fr	0.22	-
Yarmouth ...	28.668	-80	39	38	-1	49	38	WSW	10	10	SSW	8	gr	0.23	5
*Helder ...	28.72	-	44	-	-	-	-	SW	9	-	-	-	-	-	7
Cape Gris Nez...	29.068	-56	46	42	+1	50	40	W	9	8	SSW	7	no	0.16	7
Brest ...	29.438	-37	47	45	-5	55	38	WNW	8	9	W	10	h	0.20	6
L'Orient ...	29.488	-38	45	45	-5	57	39	WNW	9	9	-	7	r	-	7
Rochefort ...	29.648	-30	52	47	0	55	48	W	9	7	S	10	r	1.26	6
Biarritz ...	29.858	-27	55	48	+4	59	48	W	8	7	S	9	or	0.24	5
*Corunna ...															
*Brussels ...	29.14	-46	44	-	0	-	-	SW	10	-	-	-	ro	-	-
*Charleville ...	29.33	-32	43	-	+1	-	-	S	3	-	-	-	e	-	-
Paris ...	29.398	-38	42	38	-2	50	40	SW	7	8	S	1	rf	0.08	-
*Lyons... ..	29.69	-30	53	-	+3	-	-	SW	6	-	-	-	of	-	-
Toulon... ..	29.758	-28	52	52	+6	56	46	SSW	5	5	WNW	9	br	-	7
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
Skudesnaes ...	28.99	00	43	41	-1	-	-	SSE	6	-	-	-	or	-	4
Thurso ...															
Scarborough ...															
Greencastle ...															
Holyhead ...															
Valencia ...															
Scilly ...															
London ...															
Rochefort ...															

EXPLANATION OF COLUMNS.

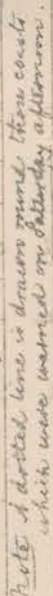
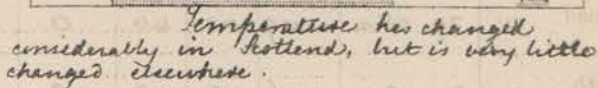
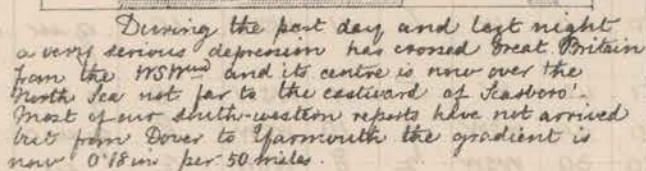
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

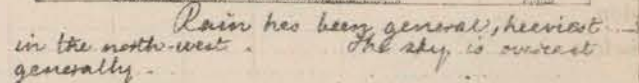
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

MON DAY 9TH DECEMBER 1872 AT 8 A M



The wind rose to a heavy gale from SW and W in the southern parts of England yesterday, and from different quarters in the Irish Sea. A strong N.W. gale still continues at the south-western stations and at Wexford at Shields, while a strong W. gale is blowing in the Bay of Biscay. On our western coasts, so far as the reports go the wind seems to have moderated, but is still blowing strong breeze at Holyhead and Liverpool. These are rough annually, except in the north.



In consequence of the very unsettled appearance on Saturday afternoon our west and south-west coasts were then warned.

Tuesday 8 a.m.

WEATHER REPORT. DEC 8 10th 1872.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 5.
	At 8 A.M. 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.	Dirco.	Force. (0 to 12.)	Force. (0 to 12.)	Dirco.				
*Christiansund...	29.15	+ .09	32	28	- 5	—	—	E	2	4	ENE	—	ob	—	3
*Skudesnaes ...	28.91	+ .05	35	32	- 7	—	—	ENE	2	6	ENE	—	b	—	2
*Oxø (Xhamsand)	28.86	- .04	38	37	- 3	—	—	N	4	8	SE	—	rc	—	3
*Fanø ...	28.90	+ .06	39	39	- 2	—	—	WNW	4	—	—	—	c	—	—
Guxhaven ...	29.02	+ .04	42	40	0	—	36	W	7	9	WSW	9	ro	0.18	—
Sumburgh Head															
Stornoway (Re-bridged)	29.11	+ .32	40	38	+ 5	42	32	E	4	4	NE	6	e	0.04	4
Thurso...	29.09	+ .33	41	38	+ 7	44	30	ENE	4	2	ENE	6	e	0.01	3
Wick ...	29.07	+ .28	40	39	+ 8	40	29	E	2	2	E	8	eo	—	0
Nairn ...	29.09	+ .28	44	34	- 1	36	29	ENE	1	2	NW	10	br	0.25	4
Aberdeen ...	29.05	+ .28	36	35	+ 1	38	35	NNW	2	3	NNW	7	pcm	0.03	2
Leith ...	29.05	+ .25	33	33	- 6	40	30	NW	1	2	WNW	19	ef	—	—
Shields...	29.05	+ .41	37	36	- 2	43	34	W	2	8	WNW	5	cm	—	2
York ...	29.06	+ .42	34	33	- 4	42	33	SW	1	5	WNW	8	ef	0.05	—
Scarborough ...	29.05	+ .50	34	34	- 5	41	34	W	2	5	NW	5	oc	0.27	2
Nottingham ...	29.09	+ .30	31	31	- 5	42	29	E	1	5	WNW	10	rm	0.16	—
Ardrossan ...	29.04	+ .19	38	37	- 4	46	38	ENE	2	4	NW	8	cd	0.10	2
Greencastle ...	29.03	+ .08	38	37	- 1	41	36	Z	0	3	WSW	10	cg	0.03	—
Donaghadee ...	29.01	+ .11	35	35	- 3	42	35	SW	2	4	SW	9	o	—	2
Kingstown ...	—	—	37	36	- 2	41	35	W	2	4	W	9	eo	0.08	3
Holyhead ...	—	—	38	37	- 4	44	37	Z	0	4	W	5	hc	0.17	0
Liverpool (Bidston Obs.)	29.09	+ .18	35	34	- 6	43	33	SE	1	7	WNW	10	eo	0.01	3
Valencia ...	29.12	- .04	39	37	- 7	47	37	NNE	1	11	NW	4	pc	0.34	6
Roche's Point...	29.06	- .05	37	36	- 5	48	35	NW	2	6	NW	5	e	—	—
Pembroke ...	29.05	- .02	41	39	- 4	49	40	NW	1	8	WNW	6	gc	0.08	4
Portishead ...	29.09	+ .01	39	38	- 3	47	37	W	2	6	WSW	10	gg	0.28	2
Scilly ...	29.07	- .21	43	41	- 3	47	41	Z	0	7	W	8	go	0.09	6
Plymouth ...	29.07	- .12	39	38	- 3	47	38	NNE	1	4	W	10	pm	0.07	—
Portsmouth ...	29.13	00	42	40	- 1	46	38	SW	2	7	WSW	9	cm	—	2
Dover ...	29.16	+ .14	38	37	- 5	46	37	SW	2	4	WSW	3	lb	—	2
London ...	29.12	+ .13	34	33	- 7	46	33	SSW	1	5	WSW	6	gbc	—	—
Oxford ...	29.11	+ .10	35	34	- 6	45	35	S	1	4	WSW	7	cg	—	—
Cambridge ...	29.12	+ .24	36	35	- 4	44	32	SW	1	6	WSW	9	eo	0.02	—
Yarmouth ...	29.07	+ .41	35	34	- 4	47	32	WSW	4	10	W	4	rc	0.35	3
*Helder ...	29.17	+ .38	43	—	- 1	—	—	WSW	6	—	—	—	—	—	5
Cape Gris Nez...	29.23	+ .17	45	43	- 1	50	44	W	7	9	WSW	9	er	0.04	6
Brest ...	29.06	- .37	40	40	- 2	53	39	ESE	5	8	W	10	r	0.32	4
L'Orient ...	29.12	- .06	43	43	- 2	52	41	ESE	4	9	NW	10	r	0.75	6
Rocheport ...															
Biarritz ...	29.58	- .27	50	46	- 8	53	46	S	7	8	W	9	o	—	6
*Corunna ...															
*Brussels ...	29.48	+ .34	42	—	- 2	—	—	WSW	6	—	—	—	e	—	—
*Charleville ...	29.42	+ .09	39	—	- 4	—	—	SSW	3	—	—	—	o	—	—
Paris ...	29.37	- .02	40	38	- 2	46	38	S	5	7	SW	10	fo	0.04	—
*Lyons...	29.69	00	46	—	- 7	—	—	S	3	—	—	—	fo	—	—
Toulon...	29.85	+ .10	48	44	- 4	—	—	WNW	5	7	NW	7	of	—	7
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															

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

Skudesnaes ...	28.77	- .07	44	38	+ 2	—	—	NE	6	—	—	—	c	—	3
Thurso...	28.83	+ .07	35	34	+ 1	—	—	SSW	1	1	SSW	4	m	—	2
Scarborough ...	28.82	+ .27	38	36	- 1	—	—	NW	5	5	NW	10	o	—	3
Greencastle ...	28.99	+ .04	41	40	+ 2?	—	—	WSW	3	3	WSW	6	e	—	—
Holyhead ...	29.01	+ .07	42	40	0	—	—	W	2	3	W	6	e	—	2
Valencia ...	29.21	+ .05	45	43	- 1	—	—	NW	9	11	NW	7	p	—	8
Scilly ...	29.33	+ .05	46	44	0	—	—	W	5	7	W	7	g	—	7
London ...	29.10	+ .11	46	42	+ 5	—	—	WSW	4	5	WSW	8	gc	—	—
Rocheport ...	29.65	+ .01	48	44	- 4	—	—	W	9	—	—	10	r	—	6

The barometer has now continued to rise generally. The wind has fallen light at Holyhead, but beyond this very little change is reported.

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

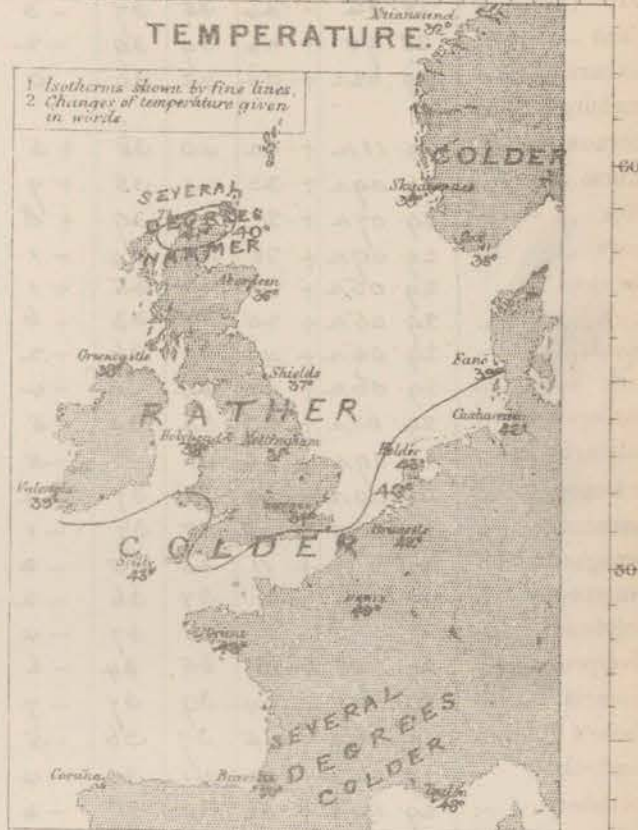
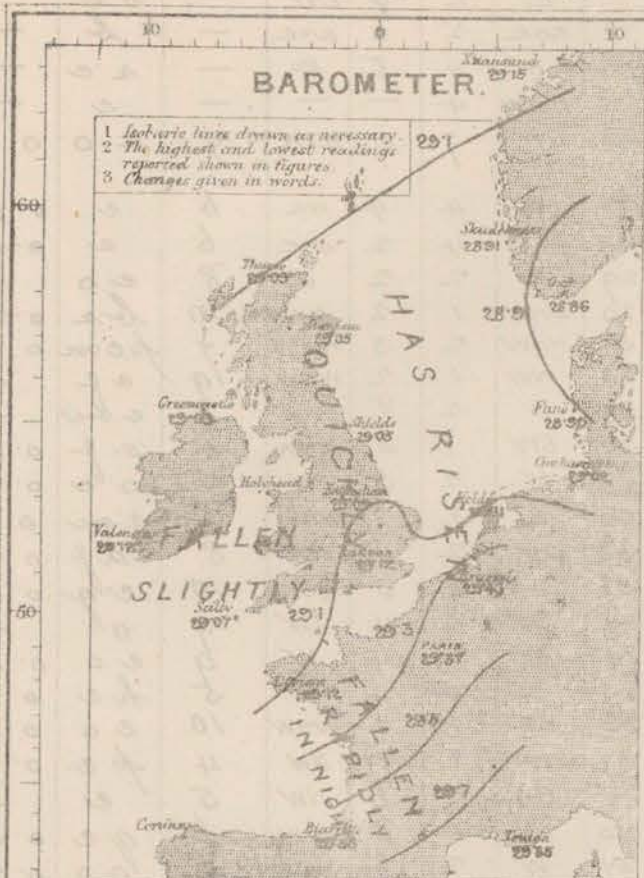
* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS

AND REMARKS FOR

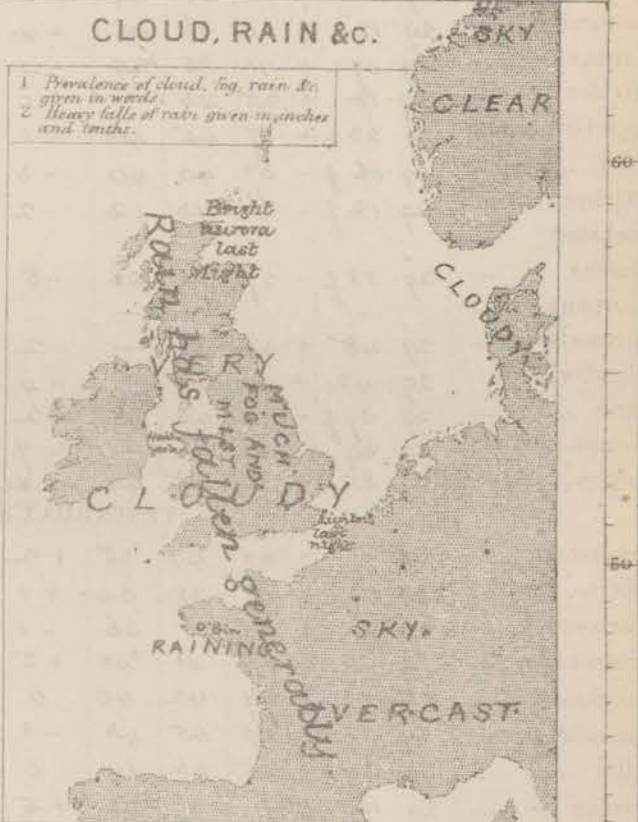
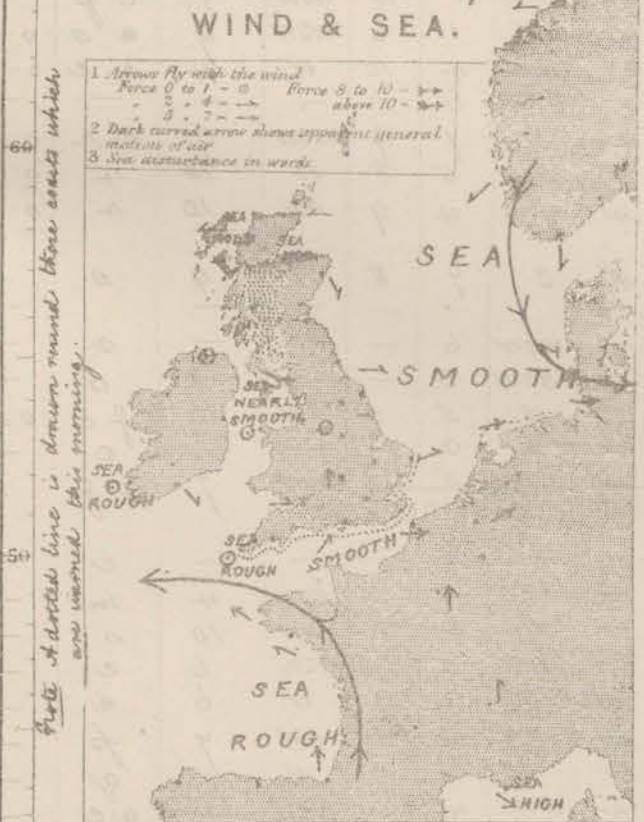
TUESDAY 10TH DEC^R

1872 AT 8 A.M.



Since yesterday morning, the barometer has risen rapidly on our eastern and northern coasts, the depression noticed there yesterday having travelled to the eastward of Denmark. During the night, however, a rapid diminution of pressure has taken place over the Bay of Biscay, extending in less degree to our S. and S.W. stations. Readings, though low, are remarkably uniform except over France, where, from London to Brest, there is a gradient of 0.07 in. per mile.

Temperature has decreased generally except on our extreme northern coasts.



Strong W winds still prevail in Belgium and on the southeastern shores of the North Sea. Variable air (chiefly from the N.W.) are reported in our Islands. fresh S to SE breezes prevail on the coasts of the Bay of Biscay, and moderate S winds in central France.

The sea is rough on our south-west coast, and in the Bay of Biscay.

A brilliant auroral display was observed in the north of Scotland last night. Rain has fallen in most places, and continues heavily in the west of France. The weather remains cloudy and unsettled.

Fogging issued to our south and south-east coasts this morning.

For a form for these Charts payable in advance to our delivery.
Delivery by hand 10/- per quarter.
— by post 3/- per quarter.

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

ROBERT H. SCOTT, Director.

Printed by Wm. & A. G. S. Ltd. London, W.C.

Wednesday 8 a.m.

WEATHER REPORT. DEC^r 11TH 1872.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 hours.	Sea Disur- ance. 0 to 8.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
*Christiansund...	29.23	+ .08	31	31	- 1	—	—	SSW	4	10	W	—	b s	—	4
*Skudesnaes ...	29.21	+ .30	33	27	- 2	—	—	NNW	6	4	ENE	—	b	—	3
*Oxö (X'tiansand)	29.14	+ .28	31	27	- 7	—	—	N	4	2	N	—	ob	—	2
*Fanö ...	28.95	+ .05	37	37	- 2	—	—	NNE	5	—	—	—	or	—	—
Cuxhaven ...	28.76	- .26	39	39	- 3	—	34	SSW	2	5	SSW	9	20	0.39	—
Sumburgh Head															
Stornoway (He- brides.)	29.59	+ .48	35	35	- 5	40	32	NNE	4	5	E	8	ph	0.14	3
Thurso...	29.52	+ .43	38	34	- 3	41	36	NNE	4	5	NE	4	he	0.02	3
Wick ...	29.55	+ .48	34	33	- 6	40	33	N	2	4	ENE	3	e	0.05	1
Nairn ...	29.55	+ .46	37	35	+ 3	39	34	ENE	2	6	ENE	6	ghc	0.10	4
Aberdeen ...	29.50	+ .45	34	33	- 2	40	34	N	3	7	N	8	ghs	0.06	5
Leith ...	29.52	+ .47	38	35	+ 5	42	32	NE	3	4	NE	4	c	—	—
Shields...	29.42	+ .37	40	35	+ 3	41	37	NNE	6	7	NNE	4	gpc	0.18	5
York ...	29.35	+ .29	38	35	+ 4	39	28	NNE	2	2	NNE	15	c	0.11	—
Scarborough ...	29.36	+ .31	42	39	+ 8	43	33	NE	7	6	NE	8	bo	0.07	6
Nottingham ...	29.34	+ .25	37	36	+ 6	48	31	NNW	4	4	N	10	gan	0.04	—
Ardrossan ...	29.55	+ .51	35	31	- 3	40	35	N	1	3	NE	4	owc	0.03	0
Greencastle ...	29.58	+ .55	37	36	- 1	41	34	W.	1	3	ENE	8	go	0.06	—
Donaghadee ...	29.51	+ .50	40	37	+ 5	41	34	NE	6	7	NE	1	gb	0.01	7
Kingstown ...	29.51	—	38	36	+ 1	42	36	WNW	5	4	WNW	9	rw	0.23	4
Holyhead	29.44	—	42	39	+ 4	43	37	N	5	5	N	2	hb	0.35	4
Liverpool (Bidston Obs.)	29.48	+ .39	38	35	+ 3	40	34	N	2	3	N	1	gb	0.02	3
Valencia ...	29.66	+ .54	44	42	- 5	48	35	N	7	8	N	6	gfs	0.10	6
Roche's Point...	29.61	+ .55	37	35	0	44	35	NNW	3	5	N	7	e	—	3
Pembroke ...	29.42	+ .37	40	38	- 1	46	36	N	2	3	N	9	p	0.19	3
Portishead ...	29.35	+ .26	39	37	0	41	35	N	4	5	N	8	cg	—	4
Scilly ...	29.48	+ .41	42	41	- 1	45	40	NNE	5	6	NNW	7	g	0.30	5
Plymouth ...	29.40	+ .33	35	34	- 4	43	33	NW	1	2	NW	0	rg	0.03	—
Portsmouth ...	29.34	+ .21	39	38	- 3	43	35	NNW	3	3	N	9	o	—	2
Dover ...	29.23	+ .07	38	37	0	45	33	N	3	7	ENE	6	sc	1.50	3
London ...	29.38	+ .16	38	38	- 4	42	34	NNW	2	5	N	10	fzo	0.20	—
Oxford...	29.33	+ .22	37	35	+ 2	39	35	NNW	1	2	NE	10	g	0.01	—
Cambridge ...	29.30	+ .18	37	36	+ 1	38	33	NNW	1	2	N	10	osp	0.11	—
Yarmouth ...	29.17	+ .10	40	39	+ 5	45	33	NNE	4	6	NE	7	rg	0.09	5
*Helder ...	28.96	- .15	41	—	- 2	—	—	NNE	6	—	—	—	—	—	5
Cape Gris Nez...	29.27	+ .04	40	38	- 5	47	33	NNW	5	7	SE	10	so	0.83	4
Brest ...	29.43	+ .37	44	40	- 9	47	33	N	4	5	NNW	7	o	0.47	3
L'Orient ...	29.39	+ .27	43	43	0	57	39	NW	4	11	SW	4	re	0.59	6
Rochefort ...															
Biarritz ...	29.53	- .05	46	42	- 4	54	43	SW	9	9	S	10	tr	0.43	7
*Corunna ...															
*Brussels ...	29.12	- .36	41	—	- 1	—	—	SW	7	—	—	—	r	—	—
*Charleville ...	29.30	- .12	39	—	0	—	—	SW	3	—	—	—	or	—	—
Paris ...	29.32	- .05	34	34	- 6	50	33	WSW	1	12	SSW	2	re	0.55	—
*Lyons...	29.43	- .26	51	—	+ 5	—	—	NE	1	—	—	—	o	—	—
Toulon...	29.45	- .40	46	42	- 2	53	45	NNW	3	7	SW	9	fo	0.16	2

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

Skudesnaes ...	29.01	+ .10	34	31	- 1	—	—	—	—	—	—	b	—	2
Thurso...	29.18	+ .09	40	36	- 1	—	—	NE	4	4	NNW	4	e	3
Scarborough ...	29.00	- .05	37	36	+ 3	—	—	SE	1	2	W	2	b	3
Greencastle ...	29.08	+ .05	41	40	+ 3	—	—	ENE	2	3	ENE	10	r	—
Holyhead ...	29.99	—	37	36	- 1	—	—	SSE	1	4	W	5	hc	1
Valencia ...	29.13	+ .01	44	41	- 5	—	—	N	4	7	NNE	5	p	6
Scilly ...	28.98	- .09	44	42	+ 1	—	—	N	5	5	N	7	p	6
London ...	28.92	- .20	42	39	+ 8	—	—	SE	2	3	SE	10	fgd	—
Rochefort ...	29.04	—	55	50	—	—	—	—	11	—	—	10	r	6

Pressure has decreased rather rapidly in London, and to a less extent in Scilly and Scarborough. In the N and W it has risen somewhat. A rather fresh N^W wind has set in at Scilly but beyond this very little change has occurred in our islands.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

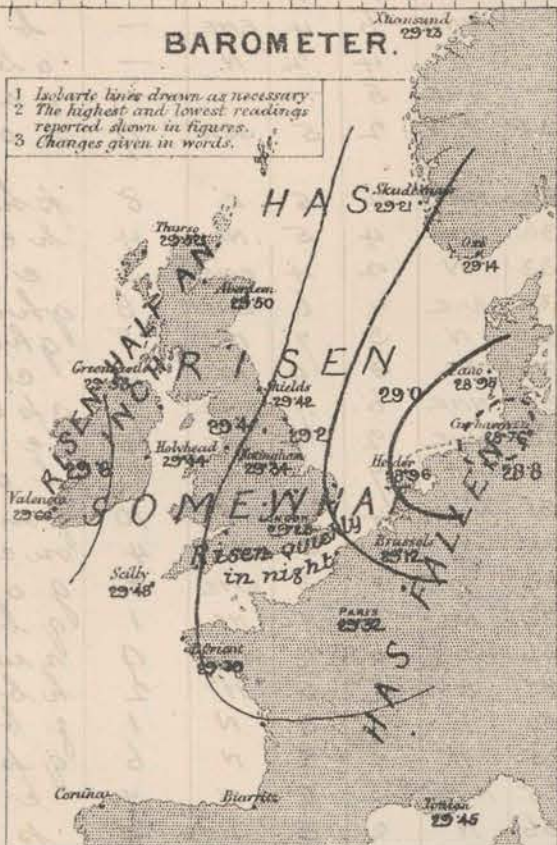
WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 11TH DEC^R 1872 AT 8 A.M.

BAROMETER.

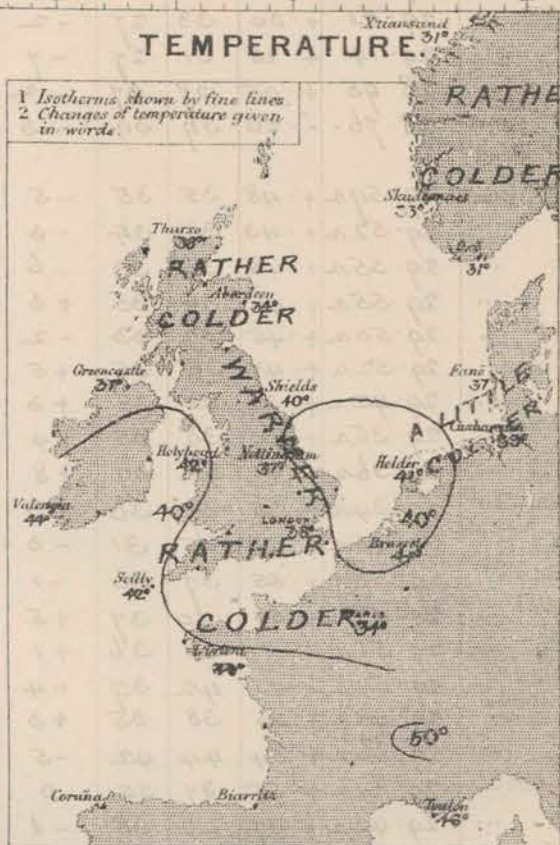
- 1 Isobars have been drawn as necessary
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past day a serious depression has crossed France from the WSW and its centre now lies near Hamburg. Pressure consequently decreased rapidly at the French and our south-eastern stations yesterday, but on our western and northern coasts it has risen bricly. A recovery has now taken place in France and the south-east of England, but from Dover to Cuxhaven there is a gradient of 0.08 in per 50 m.

TEMPERATURE.

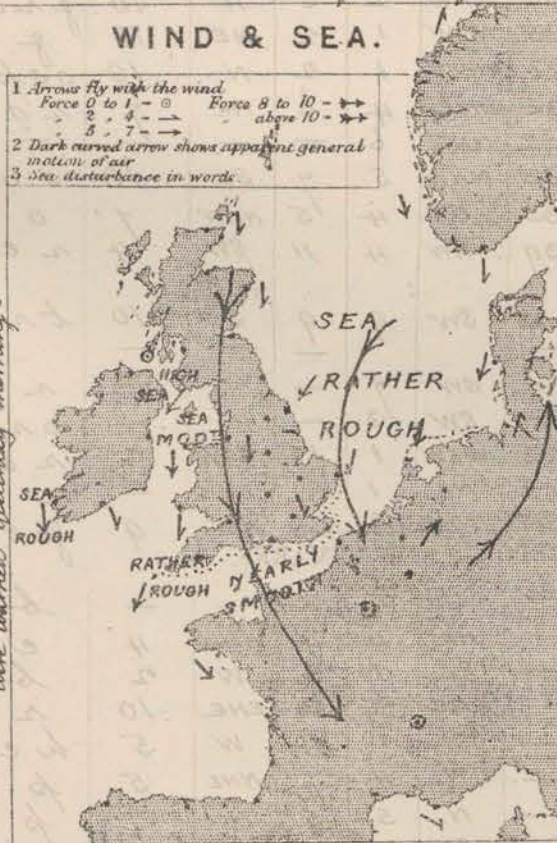
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has risen a little in the east of England, but fallen nearly everywhere else.

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 drawn round these coasts which were warned yesterday morning.

Drums landed this morning

A very severe S. gale, except over western and central France yesterday, reaching the force of a hurricane at Paris, while in our islands the wind has drawn gradually into N generally, and freshened somewhat. Light to moderate breezes are now reported from the French stations but, while a strong SW breeze is blowing at Brunel, strong NNE winds are reported from Helles and Cadix. The sea is rough on the east coasts both of England and Ireland, rather rough or moderate generally.

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 in almost all places very heavily at Dover with snow and hail at several stations. The sky remains cloudy generally, though clear in a few places.

Drums landed this morning

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 Str^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

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

Thursday 8 a.m.

WEATHER REPORT. DEC^r 12TH 1872.

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.				
*Christiansund...	29.39	+16	31	31	0	—	—	WSW	4	0	Z	—	b o	—	4
*Skudesnaes ...	29.51	+30	32	29	-1	—	—	WNW	6	4	NW	—	b	—	2
*Oxö (Xtiansand)	29.47	+33	22	23	-5	—	—	N	2	2	N	—	b	—	2
*Fanö ...	—	—	35	33	-2	—	—	NW	6	—	—	—	sp	—	—
Cuxhaven ...	29.66	+90	36	36	-3	—	33	?NW	7	8	N	5	sh	—	—
Sumburgh Head	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stornoway (Hebrides.)	29.87	+28	30	29	-5	39	26	N	2	4	ENE	3	sb	0.64	2
Thurso...	29.73	+21	34	33	-4	38	30	NNW	5	5	N	8	psg	0.23	4
Wick ...	29.75	+26	29	29	-5	38	25	N	3	4	N	10	sp	0.14	1
Nairn ...	29.86	+31	31	31	-6	38	27	NW	3	4	ENE	8	gso	0.02	3
Aberdeen ...	29.81	+31	30	29	-4	36	28	NW	2	4	N	9	spou	0.01	2
Leith ...	29.92	+40	28	26	-10	44	26	W	2	2	N	1	b	—	—
Shields...	29.93	+51	29	29	-11	42	29	W	2	5	NNE	3	b	—	3
York ...	29.94	+59	30	28	-8	42	29	NNW	1	2	NNW	4	e	—	—
Scarborough ...	29.91	+55	29	29	-13	43	28	WNW	2	6	NE	1	eb	0.03	2
Nottingham ...	29.95	+61	28	28	-9	41	26	Z	0	2	NNW	10	mg	—	—
Ardrossan ...	29.97	+42	29	29	-6	40	26	N	1	1	ENE	1	esm	—	0
Greencastle ...	30.02	+44	32	30	-5	37	31	NNW	1	3	WNW	4	e	0.14	—
Donaghadee ...	29.95	+44	35	33	-5	42	32	NNE	2	6	NE	6	be	0.02	2
Kingstown ...	30.05	+54	35	34	-3	40	34	WNW	2	5	WNW	8	gaw	—	3
Holyhead ...	29.93	+49	37	36	-5	47	34	SSW	1	5	N	7	er	0.10	1
Liverpool (Bidston Obs.)	29.99	+51	36	35	-2	41	31	W	2	3	N	10	bs	—	2
Valencia ...	30.02	+36	36	34	-8	45	34	NNE	3	7	N	4	pe	0.04	4
Roche's Point ...	29.99	+38	33	32	-4	42	32	NNE	3	3	N	9	em	—	3
Pembroke ...	29.96	+54	36	34	-4	43	33	E	2	2	N	2	em	—	1
Portishead ...	29.99	+64	31	30	-8	43	26	WSW	1	4	NNW	3	eb	—	1
Scilly ...	29.96	+48	39	38	-3	45	38	Z	0	6	NNE	7	lp	0.13	4
Plymouth ...	29.98	+58	32	32	-3	44	30	NE	1	1	NW	0	mg	—	—
Portsmouth ...	30.01	+67	32	31	-7	42	30	NNW	1	5	NE	4	e	—	1
Dover ...	29.93	+70	34	33	-4	42	33	N	4	4	ENE	3	hw	0.01	3
London ...	29.98	+70	27	27	-11	42	26	Z	0	3	NNW	3	gbg	—	—
Oxford ...	30.01	+68	28	27	-9	39	25	W	1	2	N	0	bb	—	—
Cambridge ...	29.97	+67	31	29	-6	42	29	NW	1	2	NNW	3	b	—	—
Yarmouth ...	29.87	+70	34	33	-6	43	32	WNW	3	6	NE	8	rs	0.08	6
*Helder ...	29.81	+85	40	—	-1	—	—	NW	6	—	—	—	—	—	5
Cape Gris Nez...	29.93	+66	39	37	-1	45	38	N	5	7	NNE	5	oc	0.04	4
Brest ...	29.97	+54	40	38	-4	46	36	SSE	1	4	NNE	7	o	—	2
L'Orient ...	29.93	+54	37	37	-6	50	37	NE	1	4	N	1	b	—	3
Rocheport ...	29.90	+51	36	34	-9	46	33	N	5	4	N	0	eb	—	3
Biarritz ...	29.87	+34	41	39	-5	48	40	S	4	9	W	9	r	0.71	6
*Corunna ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
*Brussels ...	29.93	+81	38	—	-3	—	—	—	3	—	—	—	b	—	—
*Charleville ...	29.82	+52	35	—	-4	—	—	N	3	—	—	—	e	—	—
Paris ...	29.90	+58	34	32	0	—	32	NNW	1	4	N	0	sf	0.24	—
*Lyons...	29.71	+28	45	—	-6	—	—	NW	3	—	—	—	r	—	—
Toulon...	29.58	+18	40	35	-6	50	38	NW	5	4	NW	2	gb	—	5

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

Skudesnaes ...	29.27	+06	33	32	0	—	—	NW	8	—	—	—	so	—	?
Thurso...	29.63	+11	35	32	-3	—	—	N	4	5	NNE	7	sp	—	4
Scarborough ...	29.56	+20	41	28	-1	—	—	NE	6	6	NE	7	e	—	6
Greencastle ...	29.70	+12	36	35	-1	—	—	Z	0	1	ENE	5	e	—	—
Holyhead ...	29.61	+17	42	39	0	—	—	NNE	1	5	N	5	e	—	1
Valencia ...	29.77	+11	44	41	0	—	—	N	5	7	N	4	pe	—	6
Scilly ...	29.60	+12	45	41	+3	—	—	NNE	6	6	NNE	5	e	—	6
London ...	29.48	+20	42	39	+4	—	—	NNW	2	2	NNW	6	em	—	—
Rocheport ...	29.49	—	46	44	—	—	—	N	4	—	—	6	e	—	3

The barometer continues to rise on all our coasts and the west of France. Winds are very little changed in direction but have moderated a little at Valencia and Scarborough.

EXPLANATION OF COLUMNS.

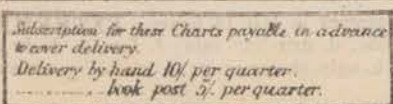
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

THURSDAY 12TH DEC^R 1872 AT 8 A.M.



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

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

Friday 8 a.m.

WEATHER REPORT. DEC^R 13TH 1872.

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.				
*Christiansund...	29.52	+13	33	32	+2	—	—	WSW	4	2	SW	—	cs	—	5
*Skudesnaes ...	29.63	+12	33	32	+1	—	—	ESE	2	2	ESE	—	so	—	2
*Oxö (Xtiansand)	29.64	+17	24	23	-2	—	—	N	2	2	NW	—	b	—	2
*Fanö ...	29.73	—	33	30	-2	—	—	W	6	—	—	—	c	—	—
Cuxhaven ...	29.85	+19	32	32	-4	37	—	WSW	6	6	W	9	s	0.03	—
Sumburgh Head															
Stornoway (Hebrides)	29.45	-42	36	36	+6	36	27	SW	6	6	SW	10	od	0.09	3
Thurso...	29.54	-19	29	29	-5	40	25	S	1	5	NNW	8	go	0.03	2
Wick ...	29.53	-22	33	33	+4	38	27	S	1	2	N	10	co	—	1
Nairn ...	29.55	-31	33	33	+2	33	28	SW	1	3	NW	9	osq	0.04	2
Aberdeen ...	29.61	-20	29	29	-1	35	28	SW	1	3	NW	9	so	—	1
Leith ...	29.62	-30	34	33	+6	37	27	S	1	3	W	9	bo	—	—
Shields...	29.68	-25	32	32	+3	34	29	L	0	3	W	8	bow	—	2
York ...	29.74	-20	32	31	+2	35	27	S	1	2	S	10	bhs	—	—
Scarborough ...	29.73	-18	32	32	+3	33	27	SW	1	2	WNW	10	bg	—	2
Nottingham ...	29.77	-18	35	33	+7	35	28	SSE	1	1	WNW	10	gr	0.02	—
Ardrossan ...	29.60	-37	40	39	+11	40	27	S	4	4	S	7	cs	0.03	4
Greencastle ...	29.59	-43	36	35	+4	36	31	WNW	1	3	WSW	4	c	0.07	—
Donaghadee ...	29.60	-35	36	36	+1	38	29	WNW	3	3	WNW	6	bc	0.05	2
Kingstown ...	29.65	-40	41	40	+6	44	33	WNW	4	2	WNW	10	gan	0.01	4
Holyhead	29.61	-32	45	44	+8	49	34	W	3	5	N	10	r	0.31	2
Liverpool (Bidston Obs.)	29.67	-32	35	34	-1	36	30	SE	3	3	SE	10	gr	0.19	2
Valencia ...	29.77	-25	46	44	+10	50	35	N	3	3	SE	5	fp	0.20	4
Roche's Point...	29.74	-25	45	44	+12	48	33	WNW	3	5	SSW	6	fc	0.15	3
Pembroke ...	29.68	-28	49	48	+13	49	34	WNW	4	6	WSW	10	cp	0.14	4
Portishead ...	29.74	-25	42	41	+11	43	29	SSW	5	5	SSW	10	cd	0.01	3
Scilly ...	29.78	-18	50	50	+11	50	39	WSW	5	5	WSW	10	cd	0.05	4
Plymouth ...	29.78	-20	47	47	+15	48	32	SW	4	5	SW	10	ond	0.16	—
Portsmouth ...	29.87	-14	43	42	+11	43	32	SW	1	2	SW	10	cr	0.05	1
Dover ...	29.90	-03	39	38	+5	41	30	SW	2	1	W	8	bo	—	3
London ...	29.85	-13	37	36	+10	37	27	SW	1	1	NNW	10	ged	—	—
Oxford...	29.82	-19	36	35	+8	36	28	S	1	1	S	10	or	0.02	—
Cambridge ...	29.83	-14	34	33	+3	35	30	S	1	1	SW	10	co	—	—
Yarmouth ...	29.87	00	34	33	0	42	31	SW	3	4	WNW	8	sg	0.02	5
*Helder ...	29.87	+06	39	—	-1	—	—	WSW	5	—	—	—	—	—	2
Cape Gris Nez...	29.91	-02	45	43	+6	—	38	—	4	4	NNE	10	bo	0.16	3
Brest ...	29.81	-16	49	—	+9	—	38	WSW	7	7	WSW	10	or	0.08	2
L'Orient ...	30.02	+09	49	47	+12	—	36	WSW	4	5	WSW	8	o	—	4
Rochefort ...	30.16	+26	39	35	+3	45	34	WSW	5	5	N	6	bc	—	3
Biarritz ...	30.27	+40	40	36	-1	46	36	S	4	5	SW	3	re	0.12	5
*Corunna ...															—
*Brussels ...	30.01	+08	39	—	+1	—	—	WSW	4	—	—	—	s	—	—
*Charleville ...	30.01	+19	33	—	-2	—	—	S	3	—	—	—	e	—	—
Paris ...	—	—	35	33	+1	40	30	SW	4	4	SW	8	o	—	—
*Lyons...	30.20	+49	41	—	-4	—	—	NE	—	—	—	—	b	—	—
Toulon...	29.90	+32	42	42	+2	42	37	N	1	5	NW	7	bg	—	4

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

Skudesnaes ...															
Thurso...	29.68	-05	38	36	+4	—	—	NW	4	5	NNW	5	pc	—	4
Scarborough ...	29.92	+01	32	30	+3	—	—	W	2	2	WNW	1	b	—	3
Greencastle ...	29.97	-05	34	32	+2	—	—	WSW	3	3	WSW	3	b	—	—
Holyhead ...	29.97	+04	40	39	+3	—	—	L	0	5	N	4	c	—	1
Valencia ...	29.99	-03	41	38	+5	—	—	E	3	3	NNE	5	c	—	4
Scilly ...	30.01	+05	43	41	+4	—	—	WSW	2	2	WSW	6	c	—	—
London ...	29.99	+01	37	34	+10	—	—	NNW	1	1	NNW	6	on	—	—
Rochefort ...	29.99	+09	45	40	+9	—	—	NE	5	—	—	0	b	—	3

Pressure has begun to decrease somewhat in Ireland and Scotland, but has risen slightly elsewhere. Light variable airs are reported with rather cloudy but fine weather.

EXPLANATION OF COLUMNS.

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

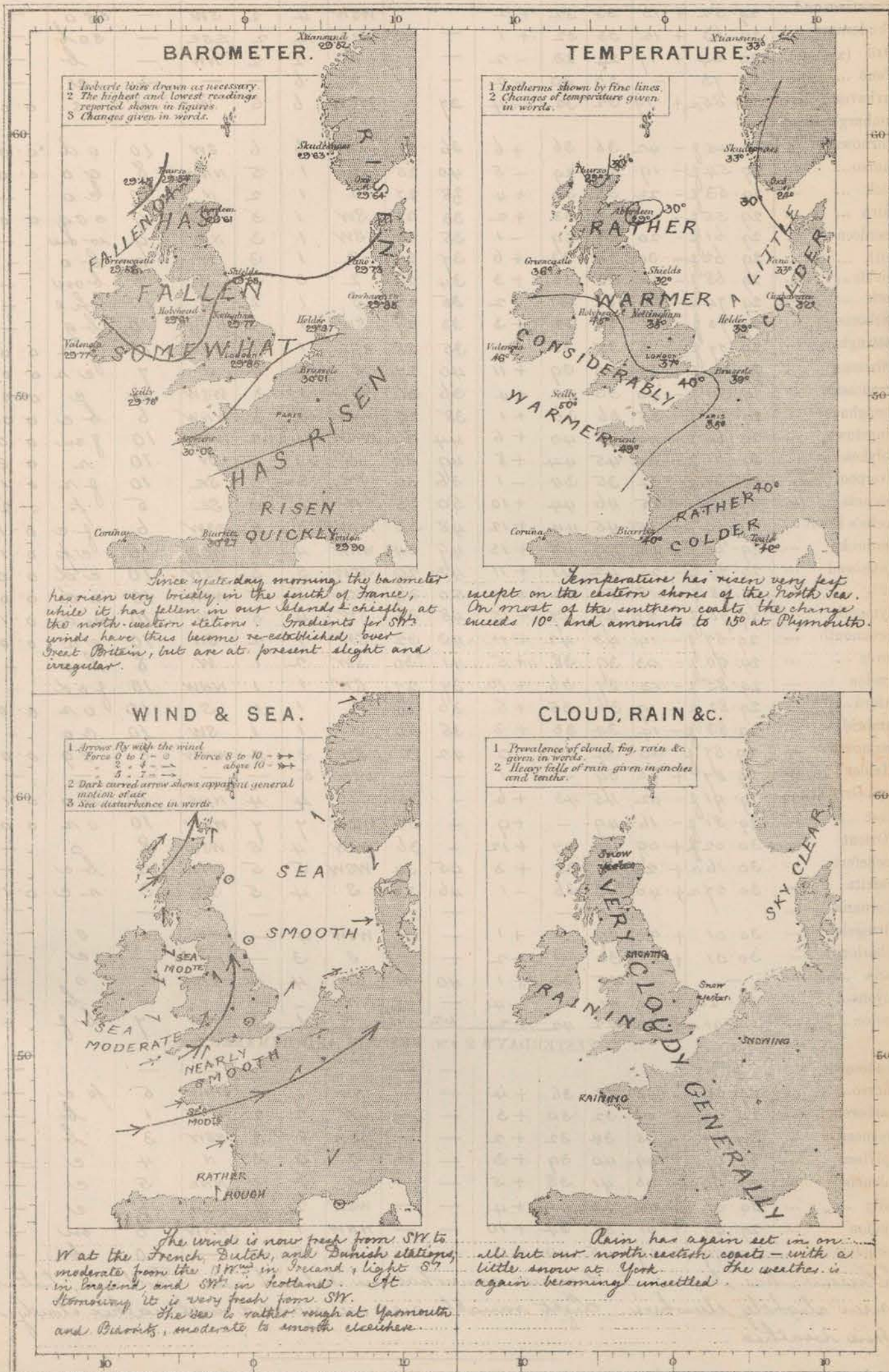
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m., N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS

AND REMARKS FOR

FRIDAY 13TH DEC^R 1872 AT 8 A.M.



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, Lith. London, W.C.

Saturday 8 a.m.

WEATHER REPORT. Dec^r 14th 1872.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Dis- turb- 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.				
*Christiansund...	29.64	+17	32	30	-1	—	—	ESE	2	0	Z	—	c.	—	3
*Skudesnaes ...	29.62	-01	35	33	+2	—	—	ESE	4	4	ESE	—	c o	—	3
*Oxø (X'iansand)	29.65	+01	27	26	+3	—	—	N	4	2	N	—	c s	—	3
*Fanø ...	29.45	-28	33	33	0	—	—	NNW	6	—	—	—	o	—	—
Cuxhaven ...	29.58 f	-27	36	36	+4	—	31	SW	4	4	SW	9	s on	0.20	—
Sumburgh Head															
Stornoway (He- brides.)	29.60 a	+15	30	28	-6	35	28	W	3	3	W	1	b	0.07	3
Thurso...	29.52 a	-02	38	36	+9	38	29	WSW	3	2	SW	4	p c	0.14	2
Wick ...	29.61 a	+08	32	30	-1	37	30	NW	1	1	NW	3	b	—	0
Nairn ...	29.59 a	+04	29	29	-4	37	29	W	1	1	SW	0	b	—	1
Aberdeen ...	29.62 a	+01	29	28	0	35	23	WSW	1	1	SW	0	s p b	0.08	1
Leith ...	29.62 a	00	34	34	0	38	30	SW	1	2	W	10	o f	0.04	—
Shields...	29.61 a	-07	35	35	+3	35	32	NW	1	2	W	8	b o	—	2
York ...	29.61 s	-13	28	28	-4?	37	26	W	1	1	W	10	o g	0.06	—
Scarborough ...	29.61 a	-12	36	36	+4	40	30	W	1	2	SW	10	g f	—	2
Nottingham ...	29.61 f	-16	30	30	-5	41	28	Z	0	2	SW	10	r f	—	—
Ardrossan ...	29.62 a	+03	34	33	-6	46	33	NE	1	4	S	0	c f	0.02	1
Greencastle ...	29.58 f	-01	37	36	+1	39	32	NNE	1	2	W	4	c	0.01	—
Donaghadee ...	29.54 f	-06	41	40	+5	41	30	E	4	4	E	3	b	—	3
Kingstown ...	29.47 f	-18	44	42	+3	46	38	E	3	4	WNW	10	f o	—	3
Holyhead ...	29.45 f	-16	40	39	-5	53	28	ENE	3	3	WNW	10	f o	0.01	2
Liverpool (Bidston Obs.)	29.57 f	-10	35	34	0	43	33	ESE	2	5	W	10	o f	0.01	2
Valencia ...	29.26 f	-51	46	45	0	50	44	E	4	4	E	8	p r	0.18	4
Roche's Point...	29.25 f	-49	45	45	0	47	41	ESE	6	6	ESE	9	o r	0.30	4
Pembroke ...	29.32 f	-36	42	41	-7	49	42	E	7	7	E	10	o m	0.02	4
Portishead ...	29.45 f	-29	37	36	-5	50	33	E	5	5	E	10	c g	0.02	4
Scilly ...	29.14 f	-64	51	51	+1	51	48	SE	4	5	WSW	10	g r	0.35	5
Plymouth ...	29.28 f	-50	47	47	0	49	42	ESE	5	6	ESE	10	g r	0.08	—
Portsmouth ...	29.45 f	-42	43	43	0	47	38	E	2	5	SW	10	b r	0.16	2
Dover ...	29.53 f	-37	44	43	+5	47	39	NE	6	7	WSW	7	o c	0.25	3
London ...	29.52 f	-33	35	35	-2	45	34	SE	2	3	SW	10	r f o	0.16	—
Oxford ...	29.49 f	-33	36	34	0	45	30	E	1	2	W	7	o c	0.03	—
Cambridge ...	29.56 f	-27	32	31	-2	42	30	NE	1	2	SSW	0	r b	0.14	—
Yarmouth ...	29.55 f	-32	38	37	+4	42	33	NNE	3	4	SSW	8	r g	0.08	4
*Helder ...	29.61	-26	42	—	+3	—	—	SSW	2	—	—	—	—	—	2
Cape Gris Nez...	29.53 f	-38	40	38	-5	46	40	E	1	7	SW	9	r o	0.20	1
Brest ...	29.31 f	-50	53	53	+4	53	47	SSW	8	8	SSW	10	r	0.55	5
L'Orient ...	29.41 f	-61	52	52	+3	56	46	SW	7	7	SW	10	r	0.87	5
Rocheport ...	29.65 f	-51	50	48	+11	50	39	S	5	5	S	10	o r	0.68	3
Biarritz ...	29.73 f	-54	51	47	+11	—	44	SW	4	4	S	8	c o	—	3
*Corunna ...															
*Brussels ...	29.60	-41	41	—	+2	—	—	SW	3	—	—	—	o	—	—
*Charleville ...	29.67	-34	57	—	+24?	—	—	SE	3	—	—	—	o r	—	—
Paris ...	29.55 f	—	43	43	+8	—	35	SW	9	9	S	10	r	0.71	—
*Lyons...	29.88	-32	53	—	+12	—	—	SE	—	—	—	—	sw	—	—
Toulon...	29.97 f	+07	42	37	0	48	40	S	1	3	WNW	2	b	—	4

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

Skudesnaes ...	29.65	+02	34	32	+1	—	—	ESE	4	—	—	—	c	—	2
Thurso...	29.34	-20	34	33	+5	—	—	SSE	1	1	S	7	s c	—	1
Scarborough ...															
Greencastle ...	29.60	+01	39	38	+3	—	—	W	2	2	W	2	b	—	—
Holyhead ...	29.65	+04	44	43	-1	—	—	WNW	3	3	WNW	7	sw	—	2
Valencia ...	29.70	-07	47	46	+1	—	—	WSW	1	3	N	9	o	—	4
Scilly ...	29.78	00	50	50	0	—	—	WSW	4	5	WSW	9	sw	—	4
London ...	29.69	-16	41	40	+4	—	—	SW	3	3	SW	10	r	—	—
Rocheport ...	30.12	-04	45	44	+6	—	—	WSW	5	—	—	10	o	—	3

Barometrical pressure is very unsteady generally, and appears to have begun falling again at Valencia, where the wind had backed to WSW. The sky continues overcast in the S. and SW, with rain in London.

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

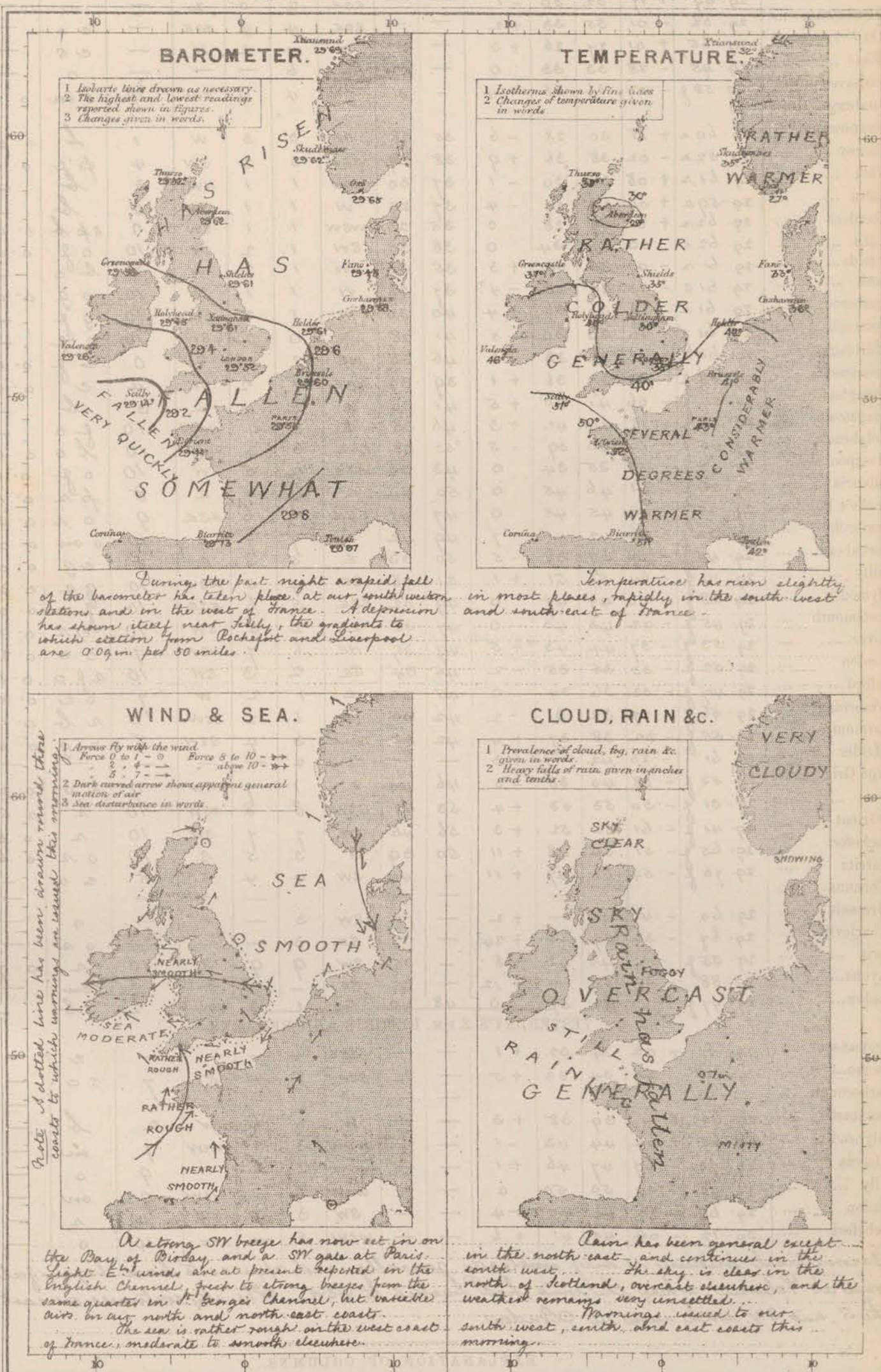
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS

AND REMARKS FOR

SATURDAY 14TH DEC^R 1872 AT 8 A.M.



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^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

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

Sunday 8 a.m.

WEATHER REPORT. Dec^r 15th 1872.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distur- ance. 0 to 9.	
	At 8 A.M. — 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.
*Christiansund...	30.00	+31	31	31	-1	—	—	ESE	2	0	Z	—	0.5	—	3
*Skudesnaes ...	30.02	+40	26	25	-9	—	—	ENE	2	0	Z	—	0.6	—	2
*Oxö (Christiansand)	30.00	+35	—	18	—	—	—	NNE	4	4	NNE	—	0.6	—	3
*Fanö ...	29.98	+53	21	21	-12	—	—	N	—	—	—	—	0.8	—	—
Cuxhaven ...	29.952	+37	36	35	0	—	31	ESE	2	2	NE	—	0.6	—	—
Sumburgh Head															
Stornoway (Hebrides)	29.872	+27	36	35	+6	36	29	ENE	2	2	W	9	0.6	—	1
Thurso...	29.872	+35	38	37	0	44	37	E	1	3	NE	9	0.6	0.02	2
Wick ...	29.852	+24	38	37	+6	40	38	S	1	2	E	10	0.6	0.08	1
Nairn ...	29.862	+27	28	28	-1	33	27	Z	0	1	W	8	0.6	—	1
Aberdeen ...	29.892	+27	32	31	+3	35	29	Z	0	1	WSW	8	0.6	—	1
Leith ...	29.902	+28	34	34	0	35	29	W	2	2	W	8	0.6	—	—
Shields...	29.862	+25	42	40	+7	42	35	E	2	2	ENE	7	0.6	—	3
York ...	29.842	+23	37	37	+7	39	28	NE	1	1	NE	10	0.6	0.17	—
Scarborough ...	29.842	+23	41	40	+5	44	35	SE	4	2	SE	10	0.6	0.25	3
Nottingham ...	29.802	+19	40	40	+10	40	30	NE	2	2	NE	10	0.6	0.30	—
Ardrossan ...	29.882	+25	36	34	+2	37	33	ENE	3	3	ENE	6	0.6	—	2
Greencastle ...	29.852	+27	39	38	+2	39	35	Z	0	4	ENE	10	0.6	—	—
Donaghadee ...	29.842	+30	42	40	+1	42	39	SE	2	4	SE	8	0.6	0.06	2
Kingstown ...	29.782	+31	43	42	-1	46	42	NNE	3	7	E	10	0.6	0.09	4
Holyhead ...	29.752	+30	41	40	+1	52	39	Z	0	6	ENE	10	0.6	0.11	0
Liverpool (Bidston Obs.)	29.812	+24	39	38	+4	40	34	ENE	2	4	E	10	0.6	0.25	2
Valencia ...	29.852	+59	45	43	-1	50	38	SE	3	5	E	5	0.6	0.12	3
Roche's Point...	29.752	+50	39	38	-6	44	38	N	3	6	ESE	6	0.6	0.12	3
Pembroke ...	29.742	+42	43	43	+1	43	39	E	2	8	E	10	0.6	0.31	3
Portishead ...	29.752	+30	41	40	+4	42	35	NNE	4	6	E	10	0.6	0.41	3
Scilly ...	29.722	+58	48	47	-3	51	46	WNW	5	6	WNW	8	0.6	0.17	6
Plymouth ...	29.652	+37	44	40	-3	52	40	SE	1	4	SW	8	0.6	0.27	—
Portsmouth ...	29.752	+30	47	47	+4	47	40	SSW	1	5	E	9	0.6	0.17	1
Dover ...	29.772	+24	46	46	+2	47	43	SW	3	3	ESE	6	0.6	0.30	2
London ...	29.752	+23	45	45	+10	45	34	SW	1	2	ENE	10	0.6	0.09	—
Oxford ...	29.762	+27	41	41	+5	41	35	Z	0	1	E	10	0.6	0.21	—
Cambridge ...	29.782	+22	40	40	+8	40	30	ENE	1	1	NE	10	0.6	0.31	—
Yarmouth ...	29.712	+16	42	41	+4	44	36	ESE	5	6	ESE	8	0.6	0.21	6
*Helder ...															
Cape Gris Nez...	29.772	+24	44	42	+4	47	40	SSW	3	4	E	10	0.6	0.16	2
Brest ...	29.802	+49	48	46	-5	55	37	NW	3	7	WSW	6	0.6	0.04	4
L'Orient ...	29.812	+40	44	44	-8	57	40	Z	0	7	WSW	10	0.6	0.08	5
Rochefort ...	29.832	+18	45	43	-5	46	43	SSW	4	5	S	0	0.6	—	3
Biarritz ...	29.872	+14	46	44	-5	51	43	N	4	7	W	9	0.6	0.20	7
*Corunna ...															
*Brussels ...	29.82	+22	46	—	+5	—	—	S	1	—	—	—	0.6	—	—
*Charleville ...	29.86	+19	39	—	-18?	—	—	SW	3	—	—	—	0.6	—	—
Paris ...	29.852	+30	43	43	0	48	41	SSE	1	7	SW	10	0.6	0.12	—
*Lyons...	29.88	00	43	—	-20	—	—	NE	1	—	—	—	0.6	—	—
Toulon...	29.788	-19	44	39	+2	48	40	N	3	1	S	4	0.6	—	3

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

Skudesnaes ...	29.74	+12	31	—	-4	—	—	ENE	4	—	—	—	0.0	3
Thurso...	29.64	+12	41	39	+3	—	—	WNW	2	2	WNW	5	0.0	2
Scarborough ...	29.65	+04	42	40	+6	—	—	SE	2	1	SE	10	0.0	3
Greencastle ...	29.68	+10	40	39	+3	—	—	ENE	2	4	ENE	6	0.0	—
Holyhead ...	29.53	+08	40	39	0	—	—	ENE	6	6	ENE	10	0.0	3
Valencia ...	29.50	+24	44	42	-2	—	—	NE	5	5	E	7	0.0	4
Scilly ...	29.22	+08	48	48	-3	—	—	W	5	5	W	10	0.0	5
London ...	29.51	-01	44	42	+9	—	—	SE	2	2	SE	10	0.0	—
Rochefort ...	29.50	-15	46	42	-4	—	—	S	5	—	—	10	0.0	3

The barometer continues to fall briskly in the W of France, but has risen again in most parts of our Islands, rapidly at Valencia. The wind is reported to have shifted to W at Scilly, but has freshened from NE at Valencia & Holyhead. Elsewhere there is little change.

EXPLANATION OF COLUMNS.

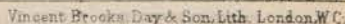
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the "Norwegian Stations is an observation taken at 8

SUNDAY 15TH DEC^R 1872 AT 8 A.M.



Monday 8 a.m.

WEATHER REPORT. DEC^r 16TH 1872.

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 3.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
*Christiansund...	30.07	+07	23	—	-8	—	—	ESE	4	2	ESE	—	b	—	3
*Skudesnaes ...	30.07	+05	22	20	-4	—	—	E	2	2	E	—	b	—	2
*Oxö (Christiansand)	30.10	+10	21	20	—	—	—	NNE	6	4	NNE	—	b	—	3
*Fanö ...	29.95	-03	25	24	+4	—	—	NE	6	—	—	—	o	—	—
Cuxhaven ...	29.81g	-14	34	32	-2	—	32	E	5	4	ESE	9	o s	—	—
Sumburgh Head															
Stornoway (Hebrides)	29.62g	-25	41	40	+5	41	34	S	7	7	S	10	g	0.03	6
Thurso...	29.70g	-17	37	36	-1	40	33	SE	3	2	SSE	4	m c	0.04	2
Wick ...	29.74g	-11	42	40	+4	42	39	S	2	3	S	8	o	—	2
Nairn ...	29.72g	-14	32	31	+4	34	27	Z	0	0	Z	6	o c	—	1
Aberdeen ...	29.81g	-08	39	37	+7	40	32	S	4	4	S	8	m r g	0.13	3
Leith ...	29.77g	-12	37	36	+3	38	23	S	1	2	W	7	f o c	0.02	—
Shields...	29.82g	-04	40	40	-2	43	39	SSE	2	4	SSE	8	f p m	0.20	3
York ...	29.85g	+01	32	32	-5	39	31	WN	1	1	E	10	d g	0.11	—
Scarborough ...	29.85g	+01	40	39	-1	43	39	S	2	4	SE	9	r	0.19	3
Nottingham ...	29.87g	+07	39	38	-1	44	39	Z	0	2	NE	10	r g	0.06	—
Ardrossan ...	29.75g	-13	39	38	+3	39	36	E	2	3	ENE	9	m b g	0.02	2
Greencastle ...	29.68g	-17	40	39	+1	41	37	WSW	4	3	SE	10	m g b	0.05	—
Donaghadee ...	29.71g	-13	42	40	0	42	38	S	2	2	S	10	o	0.07	1
Kingstown ...	29.76g	-02	42	41	-1	45	40	Z	0	3	NNE	8	m	0.03	1
Holyhead ...	29.74g	-01	44	43	+3	48	40	Z	0	0	Z	10	m g	—	—
Liverpool (Bidston Obs.)	29.83g	+02	38	37	-1	40	37	SE	2	2	SE	10	f o	0.08	1
Valencia ...	29.72g	-13	49	48	+4	50	36	SSW	1	5	SW	9	r o	0.20	3
Roche's Point...	29.73g	-02	43	42	+4	52	39	SE	1	3	N	9	o g	0.03	2
Pembroke ...	29.74g	00	49	49	+6	49	42	SSW	3	4	WNW	10	c d	0.04	4
Portishead ...	29.84g	+09	40	40	-1	44	37	SE	1	3	SE	10	g m	—	1
Scilly ...	29.80g	+08	50	50	+2	50	45	WSW	4	5	WNW	10	o f	0.01	4
Plymouth ...	29.83g	+18	49	49	+5	52	42	S	3	3	S	10	f d	0.10	—
Portsmouth ...	29.89g	+14	42	40	-5	48	40	WN	1	1	SSW	7	d m	0.04	1
Dover ...	29.87g	+10	40	39	-6	47	40	W	2	3	WSW	3	o b	0.03	1
London ...	29.86g	+11	37	36	-8	49	36	WSW	2	2	SW	3	d o m	0.10	—
Oxford...	29.87g	+11	35	34	-6	42	35	W	1	1	W	10	f	0.04	—
Cambridge ...	29.86g	+08	40	39	0	43	39	NW	1	1	WSW	10	d o	0.10	—
Yarmouth ...	29.87g	+16	41	40	-1	44	39	NW	4	4	ESE	6	r c	0.15	5
*Helder ...	29.74	—	35	—	—	—	—	NE	6	—	—	—	—	—	2
Cape Gris Nez...	29.88g	+11	43	41	-1	49	43	WNW	4	4	SSW	7	o	0.08	3
Brest ...	29.91g	+11	51	51	+3	52	45	WSW	4	4	NW	10	f r	0.16	4
L'Orient ...	29.99g	+18	49	49	+5	55	42	SW	3	5	NE	10	f o g	—	5
Rochefort ...	30.03g	+20	46	44	+1	52	45	W	4	4	W	8	f o	—	3
Biarritz ...	30.06g	+19	49	47	+3	49	46	SW	4	4	SW	9	r	0.12	5
*Corunna ...															
*Brussels ...	29.82	00	48	—	+2	—	—	SW	—	—	—	—	o	—	—
*Charleville ...	29.86	00	43	—	+4	—	—	SSW	3	—	—	—	o r	—	—
Paris ...	29.94g	+09	45	43	+2	47	41	W	1	3	SSW	10	o	—	—
*Lyons...	30.01	-12	46	—	+3	—	—	SW	1	—	—	—	m	—	—
Toulon...	29.80f	+02	46	39	+2	52	43	N	1	1	WNW	5	b c	—	3

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

Skudesnaes ...	30.06	+04	32	31	+6	—	—	SE	4	—	—	—	c	—	3
Thurso...															
Scarborough ...															
Greencastle ...															
Holyhead ...															
Valencia ...															
Scilly ...															
London ...															
Rochefort ...	29.93	+10	52	48	+7	—	—	S	4	—	—	7	c	—	3

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

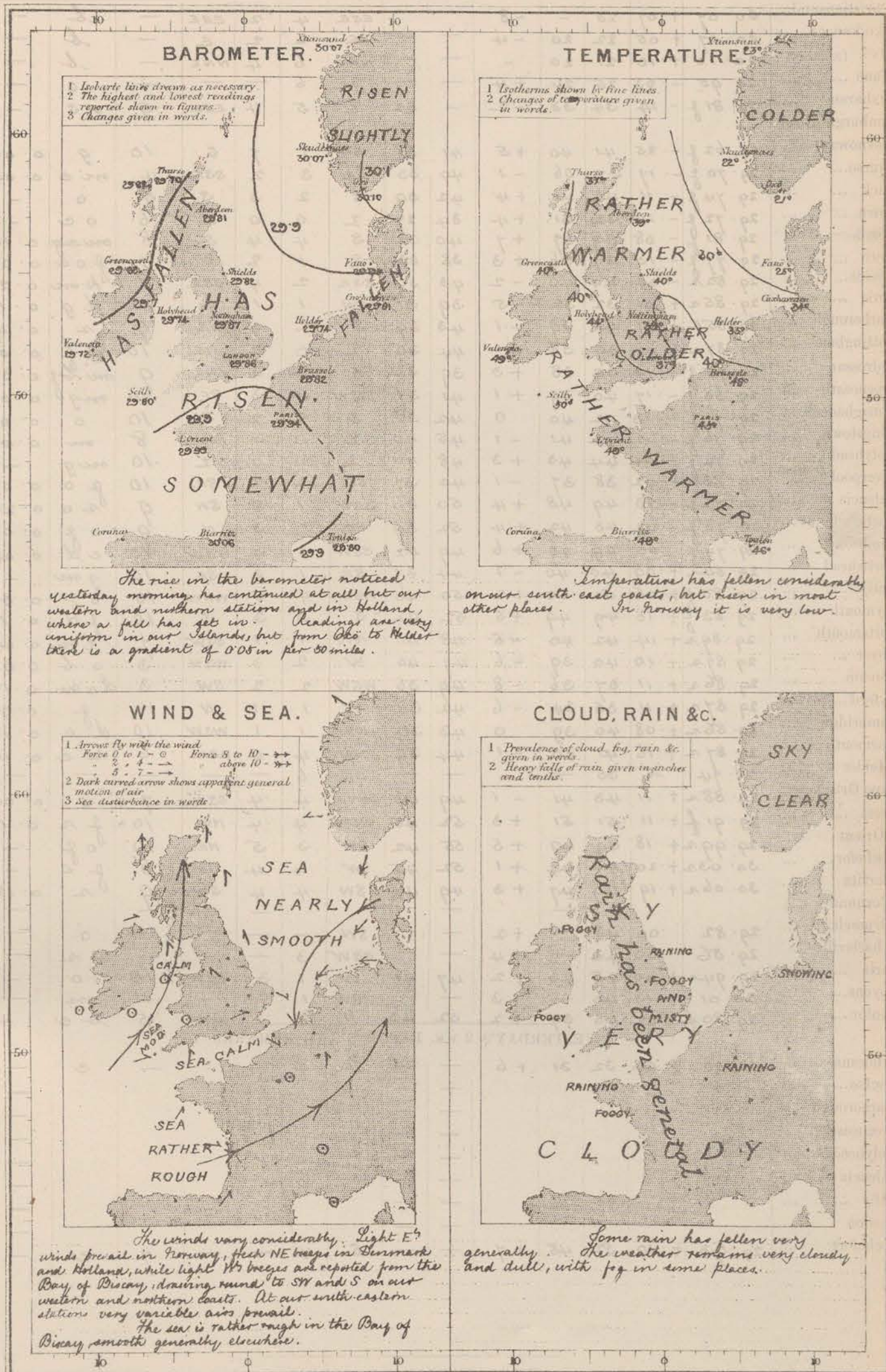
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS

AND REMARKS FOR

MONDAY 16TH DEC^R 1872 AT 8 A.M.



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^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

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

Tuesday 8 a.m.

WEATHER REPORT. Dec 17th 1872.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 hours.	Sea Dis- turb- ance. 0 to 3.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.						
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.					
*Christiansund...																
*Skudesnaes ...																
*Oxö (Xtiansand)																
*Fanö ...																
Cuxhaven ...	29.86 f	+05	31	28	-3	31	-	SE	5	5	ENE	6	o c	-	-	-
Sumburgh Head																
Stornoway (Hebrides)	29.59 r	-03	37	36	-4	44	37	ESE	5	7	S	8	g	0.07	6	
Thurso...																
Wick ...																
Nairn ...																
Aberdeen ...																
Leith ...																
Shields...																
York ...																
Scarborough ...																
Nottingham ...	29.26 f	-61	43	42	+4	42	32	SSW	3	9	SE	10	s r g	0.80	-	-
Ardrossan ...	29.41 f	-34	35	34	-4	47	34	ENE	4	6	ENE	8	g	0.44	3	
Greencastle ...	29.45 f	-23	38	37	-2	43	36	NE	3	4	E	10	r g	0.42	-	
Donaghadee ...	29.32 f	-39	36	36	-6	45	36	NE	6	7	ESE	10	r	0.75	6	
Kingstown ...	29.32 f	-44	39	38	-3	47	37	WNW	6	4	SE	10	r d	0.56	5	
Holyhead ...	29.18 f	-56	41	39	-3	47	38	W	7	7	SSE	10	r o	0.88	4	
Liverpool (Bidston Obs.)	29.19 f	-64	40	39	+2	40	35	WSW	5	7	E	10	o	0.75	4	
Valencia ...	29.65 r	-07	48	44	-1	50	44	N	8	9	N	7	f	0.63	6	
Roche's Point...	29.49 r	-24	45	44	+2	48	42	NNW	5	7	NNW	7	g f c	0.80	4	
Pembroke ...	29.36 f	-38	46	45	-3	50	42	WNW	7	9	W	8	g g	0.68	5	
Portishead ...	29.33 f	-51	44	43	+4	52	38	WSW	6	7	WSW	10	g g	0.57	5	
Scilly ...	29.60 r	-20	48	47	-2	52	45	W	7	7	W	6	g o w	0.40	7	
Plymouth ...	29.49 f	-34	45	45	-4	52	42	WNW	4	7	W	10	r w	0.45	1	
Portsmouth ...	29.41 f	-48	44	43	-2	50	40	W	5	5	WNW	9	d w	0.56	4	
Dover ...	29.39 f	-48	45	44	+5	48	39	SW	4	5	SE	2	o w	0.60	4	
London ...	29.35 f	-51	43	42	+6	48	35	WSW	2	6	SSW	8	r c	0.60	-	
Oxford ..	29.32 f	-55	41	40	+6	47	35	WSW	5	6	SW	10	r	1.02	-	
Cambridge ...	29.31 f	-55	44	42	+4	44	35	SW	2	3	SE	10	r g	0.51	-	
Yarmouth ...	29.30 f	-57	44	40	+3	45	36	SW	5	10	SE	8	r g	0.71	7	
*Helder ...	29.61 f	-13	33	-	-2	-	-	ESE	7	-	-	-	-	-	4	
Cape Gris Nez...	29.40 f	-48	46	44	+3	-	41	SW	8	3	S	10	r	0.51	6	
Brest ...	29.79 r	-12	49	45	-2	53	42	NW	7	7	WSW	10	r o	0.47	5	
L'Orient ...	29.80 r	-11	48	48	-1	-	45	WNW	5	7	W	8	c r	0.32	6	
Rochefort ...	29.91 f	-12	52	47	+6	54	46	NW	5	4	SW	-	c r	-	4	
Biarritz ...	30.07 f	+01	54	50	+5	54	48	NW	5	4	SW	9	o	-	5	
*Corunna ...																
*Brussels ...	29.52	-30	46	-	-2	-	-	SSW	1	-	-	-	o r	-	-	
*Charleville ...	29.62	-24	43	-	0	-	-	SW	3	-	-	-	o r	-	-	
Paris ...	29.67 f	-27	46	42	+1	47	42	W	5	5	W	4	c	-	-	
*Lyons...	29.88	-13	39	-	-7	-	-	SSE	1	-	-	-	m	-	-	
Toulon...	29.94 f	+14	47	43	+1	51	43	NE	9	5	NW	6	c f	-	3	

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

Skudesnaes ...															
Thurso...	29.67	-03	40	38	+3	-	-	SSE	4	4	SSE	7	g	-	2
Scarborough ...	29.85	00	41	40	+1	-	-	S	3	3	S	10	o	-	4
Greencastle ...	29.60	-08	41	40	+1	-	-	Z	0	1	WSW	10	g	-	-
Holyhead ...	29.68	-06	46	45	+2	-	-	SSE	1	1	SSE	10	m g	-	0
Valencia ...	29.56	-16	48	48	-1	-	-	W	1	1	SW	9	r	-	2
Scilly ...	29.69	-11	50	50	0	-	-	S	5	5	S	10	r	-	4
London ...	29.86	00	43	42	+6	-	-	NE	1	1	SW	10	o g g	-	-
Rochefort ...	30.01	-02	53	48	+7	-	-	S	3	-	-	5	c	-	3

The barometer continues to fall at all but the eastern stations, where there has been no change. The fall at Valencia amounts to 0.16 in., and at Scilly the wind has backed to S, while rain falls at both stations. The sea is however still nearly smooth.

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 5

AND REMARKS FOR

BAROMETER.

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

Map showing isobars and barometric readings across Europe and the North Atlantic. Key features include a low-pressure system over the North Atlantic and a high-pressure system over the British Isles. Readings are provided for various locations like London, Paris, and Copenhagen.

Since yesterday morning the barometer has fallen fast in England and to a less extent on all other coasts. A depression has apparently travelled from the SW during the night and now lies over the NW of England, and readings have increased in the SW since last evening. The gradient from Valentia to Holyhead is rather more than 0.10 in per 50 miles.

TEMPERATURE.

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

Map showing isotherms and temperature changes across Europe and the North Atlantic. Isotherms for 40°F and 50°F are marked. Descriptive text indicates a rise in temperature in the SE of England and parts of France.

Temperature has risen several degrees in the SE of England, and some parts of France, but fallen a little elsewhere.

WIND & SEA.

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

Map showing wind directions and sea conditions across Europe and the North Atlantic. Arrows indicate wind direction and force. Sea conditions are described as 'SEA ROUGH', 'SEA MOD.', and 'SEA RATHER ROUGH'.

The wind circulates round the depression noted above. It is fresh to strong N in Ireland, with a gale at Valentia. Squalls from W in the Channel, moderate from SW in the SE of England, and a NE breeze is felt in the S of Scotland. A NW wind prevails in the W of France. The sea is high at Shields, rather rough in most other places.

CLOUD, RAIN &C.

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

Map showing cloud, rain, and other weather conditions across Europe and the North Atlantic. The map is labeled 'OVERCAST' and 'RAINING GENERALLY'.

Rain has fallen heavily everywhere. The sky continues very cloudy, and weather unsettled. None of our Norwegian, only two of the Dutch and some of the NE reports have arrived. None.

*Subscriptions for three years payable in advance
in cash delivery.
Delivered by hand 10/- per quarter
book post 5/- per quarter*

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

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

Wednesday 8 a.m.

WEATHER REPORT. Dec 18th 1872.

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.					
*Christiansund...																
*Skudesnaes ...																
*Oxö (X'tiansand)																
*Fanö ...																
Cuxhaven ...	29.802	-06	32	30	+1	—	27	SSE	7	9	SE	9	50	—	—	
Sumburgh Head																
Stornoway (Be- rides.)	29.792	+20	38	37	+1	39	36	SE	5	6	SE	6	90	—	6	
Thurso...	29.872	+21	36	35	+1	38	34	ESE	4	5	ESE	9	pg	0.47	2	
Wick ...	29.902	+20	37	36	-1	40	35	ESE	6	7	ESE	10	oh	0.21	8	
Nairn ...	29.842	+23	35	33	0	36	33	ESE	4	4	SSE	6	oc	0.01	3	
Aberdeen ...	29.872	+20	38	36	0	40	36	E	7	8	SE	10	gpr	0.28	8	
Leith ...	29.632	+16	40	39	+4	41	35	E	3	6	SE	9	o	0.17	—	
Shields...	29.692	+33	42	41	+5	42	37	E	4	8	ESE	8	20	0.51	8	
York ...	29.572	+31	38	37	+2	44	34	NNW	1	2	ESE	7	oc	0.08	—	
Scarborough ...	29.582	+30	43	42	+5	44	37	ENE	3	9	SE	10	20	0.22	5	
Nottingham ...	29.642	+38	41	38	-2	43	35	NW	2	3	WNW	8	2w	0.11	—	
Ardrossan ...	29.742	+33	37	35	+2	37	35	NE	3	4	ENE	7	gm	0.08	2	
Greencastle ...	29.732	+28	38	36	0	39	36	ESE	2	3	NNE	8	go	0.02	—	
Donaghadee ...	29.702	+38	39	37	+3	40	36	NE	4	7	NE	4	oc	0.28	5	
Kingstown ...	29.732	+41	35	34	-4	46	34	WNW	1	6	WNW	4	on	0.01	2	
Holyhead ...	29.682	+50	42	39	+1	47	38	WNW	3	9	NW	7	2c	0.40	2	
Liverpool (Bidsen Obs.)	29.702	+51	40	39	0	46	37	NW	2	7	W	10	o	0.23	3	
Valencia ...	29.662	+01	48	37	0	49	44	SSW	5	9	NW	9	po	0.10	5	
Roche's Point...	29.712	+22	44	43	-1	47	40	S	2	6	NW	9	gpm	0.08	3	
Pembroke ...	29.742	+38	43	41	-3	46	33	NW	2	7	NW	8	go	0.02	4	
Portishead ...	29.692	+36	40	38	-4	48	38	NW	4	7	WNW	6	gc	0.02	5	
Scilly ...	29.822	+22	48	47	0	49	47	NW	2	7	W	8	gp	0.02	6	
Plymouth ...	29.772	+28	44	44	-1	49	43	WNW	2	5	NW	6	on	0.03	—	
Portsmouth ...	29.682	+27	40	39	-4	48	38	NW	3	5	SW	6	we	0.10	3	
Dover ...	29.582	+19	40	39	-5	47	39	W	4	6	WSW	5	eq	0.05	4	
London ...	29.512	+16	39	38	-4	44	38	W	2	6	SW	10	2g	0.33	—	
Oxford...	29.632	+31	40	37	-1	44	39	NW	3	6	NW	10	2w	0.33	—	
Cambridge ...	29.432	+12	39	38	-5	45	37	WNW	7	2	SW	10	2	0.36	—	
Yarmouth ...	29.422	+12	39	39	-5	44	36	WSW	3	6	SW	10	2f	0.23	5	
*Helder ...	29.55	-06	40	—	+7	—	—	SSE	3	—	—	—	—	—	2	
Cape Gris Nez...	29.582	+18	42	40	-4	50	40	WNW	5	8	W	9	20	0.24	4	
Brest ...	29.902	+11	49	49	0	52	43	WNW	4	5	NW	—	o	0.08	4	
L'Orient ...	29.912	+11	46	46	-2	54	44	NW	4	7	W	7	2	0.16	5	
Rochefort ...	29.952	+04	46	44	-6	52	45	NW	4	5	W	10	22	0.24	3	
Biarritz ...	30.092	+02	50	46	-4	54	45	W	5	7	NW	7	2c	0.28	5	
*Corunna ...																
*Brussels ...	29.61	+09	45	—	-1	—	—	WSW	3	—	—	—	o	—	—	
*Charleville ...	29.73	+11	42	—	-1	—	—	SW	6	—	—	—	o	—	—	
Paris ...			42	—	-4	48	41	SW	5	7	ENE	10	02	—	—	
*Lyons...	29.94	+06	46	—	+7	—	—	SE	1	—	—	—	2	—	—	
Toulon...	29.762	-18	42	37	-5	49	41	NW	7	5	NW	2	c	—	7	

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

Skudesnaes ...															
Thurso...	29.71	+05	37	36	+2	—	—	ESE	4	5	ENE	8	sp	—	3
Scarborough ...	29.25	-03	42	37	+4	—	—	ESE	8	9	SE	10	g	—	7
Greencastle ...	29.55	+10	38	37	0	—	—	NNE	3	3	NNE	10	d	—	—
Holyhead ...	29.29	+11	39	38	-2	—	—	NW	9	9	NW	10	2	—	6
Valencia ...	29.74	+09	48	46	0	—	—	NW	8	9	N	5	p	—	7
Scilly ...	29.70	+10	49	46	+1	—	—	W	7	7	W	9	g	—	7
London ...	29.37	+02	44	42	+1	—	—	NW	3	3	WNW	10	fg	—	—
Rochefort ...	29.95	+04	52	47	0	—	—	W	5	—	—	5	c	—	4

The barometer is now rising again at our stations. The wind at Valencia has backed to NW and continues to blow a gale, while a hard NW gale has set in at Holyhead. The weather continues very rainy and the sea is very high in the SW. A heavy snow-storm has occurred in the N. Warnings issued to our W. S. & S. coast.

EXPLANATION OF COLUMNS.

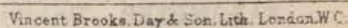
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEDNESDAY 18TH DEC^R 1872 AT 8 A.M.



Wednesday 8 a.m.

WEATHER REPORT. DEC^R 19TH 1872.

STATIONS.	BAROMETER		THERMOMETERS (In shade).					WIND				Amount of Cloud 0 to 10.	Weather By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Dis- turb- 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.					
*Christiansund...																
*Skudesnaes ...																
*Oxö (X'tiansand)																
*Fanö ...																
Cuxhaven ...	29.83 f	+ .03	30	27	- 2	-	28	SE	8	8	SE	9	0.5	-	-	-
Sumburgh Head																
Stornoway (Hebrides.)	29.65 f	- .14	41	40	+ 3	41	38	SE	5	6	SE	2	b	-	-	6
Thurso...																
Wick ...																
Nairn ...	29.715	- .13	37	35	+ 2	49	34	E	2	4	ESE	7	c	-	-	2
Aberdeen ...	29.77 f	- .04	42	40	+ 4	42	37	SE	8	8	SE	10	2.0	0.32	-	3
Leith ...	29.68 f	+ .05	39	38	- 1	44	37	S	2	3	SE	8	0	0.23	-	-
Shields...	29.70 f	+ .01	41	39	- 1	43	32	SE	3	6	E	8	0	0.16	-	7
York ...	29.68 f	+ .11	40	39	+ 2	45	38	E	1	2	E	10	0.8	0.01	-	-
Scarborough ...	29.68 f	+ .10	42	41	- 1	48	40	ESE	5	4	E	9	0	0.10	-	5
Nottingham ...	29.66 f	+ .02	37	36	- 4	42	36	ENE	1	3	WNW	10	on f	-	-	-
Ardrossan ...	29.63 f	- .11	39	37	+ 2	40	36	E	2	3	NE	4	cm	-	-	1
Greencastle ...	29.54 f	- .19	42	39	+ 4	42	36	E	2	4	ESE	10	0.2	0.33	-	-
Donaghadee ...	29.53 f	- .17	43	43	+ 4	44	39	SSE	6	6	SSE	8	0	0.15	-	6
Kingstown ...	29.53 f	- .20	40	39	+ 5	44	34	Z	0	4	SSE	9	gm	0.33	-	2
Holyhead ...	29.52 f	- .16	39	38	- 3	45	39	Z	0	3	SSE	5	rm	0.38	-	0
Liverpool (Bidston Obs.)	29.68 f	- .02	36	36	- 1	43	34	SE	2	3	ESE	10	0.2	0.06	-	2
Valencia ...	29.58 f	- .08	45	43	- 3	50	43	WNW	4	6	W	8	f	0.40	-	5
Roche's Point...	29.57 f	- .14	39	38	- 5	48	34	NW	1	5	S	5	0.0	0.12	-	3
Pembroke ...	29.57 f	- .14	46	45	+ 3	48	42	SW	2	4	S	8	g f	0.20	-	4
Portishead ...	29.59 f	- .10	40	40	0	47	37	NNE	3	4	NW	10	cm	0.16	-	2
Scilly ...	29.63 f	- .19	48	47	0	50	46	W	5	5	W	7	f	0.09	-	6
Plymouth ...	29.61 f	- .16	42	42	- 2	50	40	Z	0	1	WNW	10	f f	0.26	-	-
Portsmouth ...	29.59 f	- .07	44	44	+ 4	46	38	NW	1	3	WNW	10	ur	0.20	-	1
Dover ...	29.64 f	+ .06	43	42	+ 3	43	36	SE	3	4	NNW	8	g r	0.02	-	2
London ...	29.62 f	+ .11	38	38	- 1	43	32	E	3	3	E	10	g r	0.2	-	-
Oxford...	29.61 f	- .02	38	37	- 2	41	31	E	1	3	WNW	10	0.2	0.14	-	-
Cambridge ...	29.66 f	+ .23	35	34	- 4	42	32	E	1	2	SSE	10	on	-	-	-
Yarmouth ...	29.64 f	+ .22	37	36	- 2	44	33	W	2	4	NW	6	f e	-	-	5
*Helder ...	29.72 f	+ .17	38	-	- 2	-	-	?E	3	-	-	-	-	-	-	2
Cape Gris Nez...	29.64 f	+ .06	40	40	- 2	44	37	SSE	1	5	NW	10	0.2	0.04	-	1
Brest ...																
L'Orient ...	29.77 f	- .14	48	48	+ 2	57	44	WNW	5	5	WNW	6	c	0.08	-	5
Rocheport ...	29.81 f	- .14	48	46	+ 2	50	46	NW	3	4	NW	6	c	0.32	-	3
Biarritz ...	29.96 f	- .13	50	45	0	52	43	W	5	7	W	9	r	0.08	-	5
*Corunna ...																
*Brussels ...	29.71	+ .10	42	-	- 3	-	-	WSW	1	-	-	-	0	-	-	-
*Charleville ..			41	-	- 1	-	-	SSW	3	-	-	-	0.2	-	-	-
Paris ...	29.70 f	-	44	44	+ 2	45	43	S	1	4	SW	10	0.2	0.08	-	-
*Lyons...	29.88	- .06	44	-	- 2	-	-	SW	1	-	-	-	-	-	-	-
Toulon...	29.74 f	- .02	39	34	- 3	48	38	WNW	5	8	NW	3	btc	-	-	6

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

Skudesnaes ...	30.24	-	22	18	-	-	-	ENE	6	-	-	-	c	-	-
Thurso...	29.85	- .02	36	35	0	-	-	ESE	5	5	ESE	10	r	-	3
Scarborough ...	29.65	+ .07	43	42	0	-	-	E	4	3	-	8	0	-	5
Greencastle ...	29.65	- .08	40	38	+ 2	-	-	ESE	4	4	ESE	9	0	-	-
Holyhead ...	29.69	+ .01	42	41	0	-	-	SSE	1	3	WNW	7	c	-	0
Valencia ...	29.51	- .15	48	47	0	-	-	SW	3	5	SSW	8	r	-	5
Scilly ...	29.70	- .09	49	48	+ 1	-	-	SSW	4	4	SSW	8	f	-	5
London ...	29.67	+ .16	43	41	+ 4	-	-	WSW	2	2	W	10	on	-	-
Rocheport ...	29.97	+ .02	48	44	+ 2	-	-	NW	4	-	-	6	c	-	3

The barometer has fallen briskly in Ireland and the SW of England, but risen quickly in London. The wind has backed to SSW at Poilly, but is not much changed elsewhere. The sea continues rather rough in the SW.

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

THURSDAY 19TH DEC^R 1872 AT 8 A.M.



Temperature has risen a little in Scotland, the south-east of England and west of France, but fallen slightly elsewhere.



Drums lowered this morning.

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

Friday 8 a.m.

WEATHER REPORT. DEC^R 20TH 1872.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disur- bance 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
*Christiansund...	30.15	-05	21	19	-2	—	—	ESE	2	4	ESE	—	<i>eb</i>	—	2
*Skudesnaes ...	30.12	-08	25	22	-2	—	—	E	5	4	E	—	<i>b</i>	—	3
*Oxö (Christiansand)	30.17	-04	23	22	0	—	—	NE	6	6	E	—	<i>os</i>	—	4
*Fanö ...	30.00	+05	28	28	-2	—	—	E	6	—	—	—	<i>o</i>	—	—
Cuxhaven ...	29.93	+10	30	27	0	—	24	ESE	4	7	SE	7	<i>o</i>	—	—
Sumburgh Head															
Stornoway (Hebrides)	29.65	00	42	41	+1	43	38	SE	5	5	SE	5	<i>e</i>	0.01	6
Thurso...	29.78	+04	37	36	-3	41	36	ESE	5	6	ESE	10	<i>2</i>	0.58	3
Wick ...	29.79	00	39	38	-2	41	39	SE	7	7	SE	10	<i>op</i>	0.06	7
Nairn ...	29.74	+03	38	36	+1	40	37	SE	4	2	E	8	<i>eo</i>	—	2
Aberdeen ...	29.80	+03	39	37	-3	42	39	SE	8	8	SE	8	<i>gpg</i>	0.20	8
Leith ...	29.71	+03	38	37	-1	43	38	SE	3	3	S	8	<i>op</i>	—	—
Shields...	29.75	+05	41	39	0	43	39	E	4	5	SE	7	<i>op</i>	0.07	5
York ...	29.75	+07	39	38	-1	45	38	ESE	1	1	E	10	<i>2o</i>	0.02	—
Scarborough ...	29.74	+06	41	39	-1	44	39	SE	5	4	SSE	10	<i>2o</i>	0.08	5
Nottingham ...	29.70	+04	39	38	+2	40	37	SE	1	2	E	10	<i>fm</i>	0.07	—
Ardrossan ...	29.66	+03	40	37	+1	42	38	ESE	3	3	SE	7	<i>pc</i>	0.07	3
Greencastle ...	29.55	+01	41	40	-1	43	39	ESE	4	4	ESE	10	<i>og</i>	0.05	—
Donaghadee ...	29.57	+04	43	42	0	45	42	SE	6	6	SE	9	<i>o</i>	0.16	6
Kingstown ...	29.48	-05	43	42	+3	45	39	SE	6	1	SSE	10	<i>ow</i>	0.02	5
Holyhead ...	29.53	+01	38	37	-1	46	33	SE	2	3	SSE	3	<i>2ow</i>	0.02	0
Liverpool (Bidston Obs.)	29.65	-03	39	38	+3	39	35	ESE	4	4	ESE	10	<i>o</i>	0.05	3
Valencia ...	29.10	-48	48	47	+3	49	42	S	6	7	S	7	<i>2c</i>	0.94	5
Roche's Point...	29.20	-37	46	46	+7	48	39	SSE	9	9	SSE	9	<i>2c</i>	0.58	5
Pembroke ...	29.43	-14	44	43	-2	48	43	ESE	7	7	ESE	8	<i>ow</i>	0.02	5
Portishead ...	29.60	+01	37	37	-3	42	35	ENE	4	4	ENE	10	<i>gm</i>	—	3
Scilly ...	29.29	-34	49	49	+1	49	44	SSE	6	6	SSE	8	<i>2c</i>	0.21	6
Plymouth ...	29.49	-12	46	45	+4	49	37	SSE	6	8	SSE	10	<i>gfp</i>	0.05	—
Portsmouth ...	29.65	+06	39	39	-5	46	36	ESE	2	2	ESE	10	<i>of</i>	0.06	1
Dover ...	29.70	+06	43	43	0	46	42	SW	3	3	ESE	8	<i>2bg</i>	0.30	2
London ...	29.69	+07	41	40	+3	46	37	SSE	1	3	E	10	<i>2o</i>	0.18	—
Oxford...	29.67	+06	39	38	+1	39	38	SE	1	1	SE	9	<i>df</i>	0.15	—
Cambridge ...	29.70	+04	40	39	+5	40	36	ESE	1	1	NE	10	<i>d</i>	0.14	—
Yarmouth ...	29.70	+06	41	40	+4	42	36	ESE	5	7	ESE	9	<i>eg</i>	—	5
*Helder ...	29.84	+12	—	—	—	—	—	E	4	—	—	—	—	—	2
Cape Gris Nez...	29.72	+08	43	41	+3	46	40	WSW	1	3	SSE	5	<i>oc</i>	0.04	1
Brest ...															
L'Orient ...	29.56	-21	48	48	0	55	42	SSE	5	5	S	10	<i>2</i>	0.16	4
Rochefort ...	29.74	-07	45	41	-3	52	41	S	4	5	NW	10	<i>eo</i>	—	3
Biarritz ...	29.76	-20	50	45	0	50	43	S	4	7	WNW	7	<i>2f</i>	0.04	5
*Corunna ...															
*Brussels ...	29.74	+03	46	—	+4	—	—	SW	3	—	—	—	<i>o</i>	—	—
*Charleville ...	29.84	?	41	—	0	—	—	SW	—	—	—	—	<i>o</i>	—	—
Paris ...	29.79	+09	37	37	-7	46	37	S	1	1	SW	10	<i>ow</i>	0.08	—
*Lyons...	29.95	+07	46	—	+2	—	—	N	1	—	—	—	<i>ow</i>	—	—
Toulon...	29.83	+09	41	37	+2	47	39	NW	4	7	NW	2	<i>eb</i>	—	5

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

Skudesnaes ...	30.17	-03	28	24	+1	—	—	E	6	—	—	—	<i>c</i>	—	3
Thurso...	29.77	+03	41	39	+1	—	—	SE	4	5	ESE	9	<i>d</i>	—	3
Scarborough ...	29.70	+02	42	41	0	—	—	SSE	4	4	SE	9	<i>o</i>	—	4
Greencastle ...	29.59	+05	43	42	+1	—	—	SE	2	2	SE	8	<i>o</i>	—	—
Holyhead ...	29.60	+08	43	42	+4	—	—	SSE	1	3	SSE	8	<i>e</i>	—	0
Valencia ...	29.63	+05	47	45	+2	—	—	W	2	4	WNW	4	<i>c</i>	—	3
Scilly ...	29.69	+06	48	46	0	—	—	W	4	5	W	5	<i>c</i>	—	5
London ...	29.64	+10	43	42	+5	—	—	SE	1	3	E	10	<i>gfr</i>	—	—
Rochefort ...	29.85	+04	51	46	+3	—	—	NW	3	—	—	5	<i>bc</i>	—	3

The barometer is now rising everywhere. The wind is very little changed.
The weather continues gloomy and wet in London.

EXPLANATION OF COLUMNS.

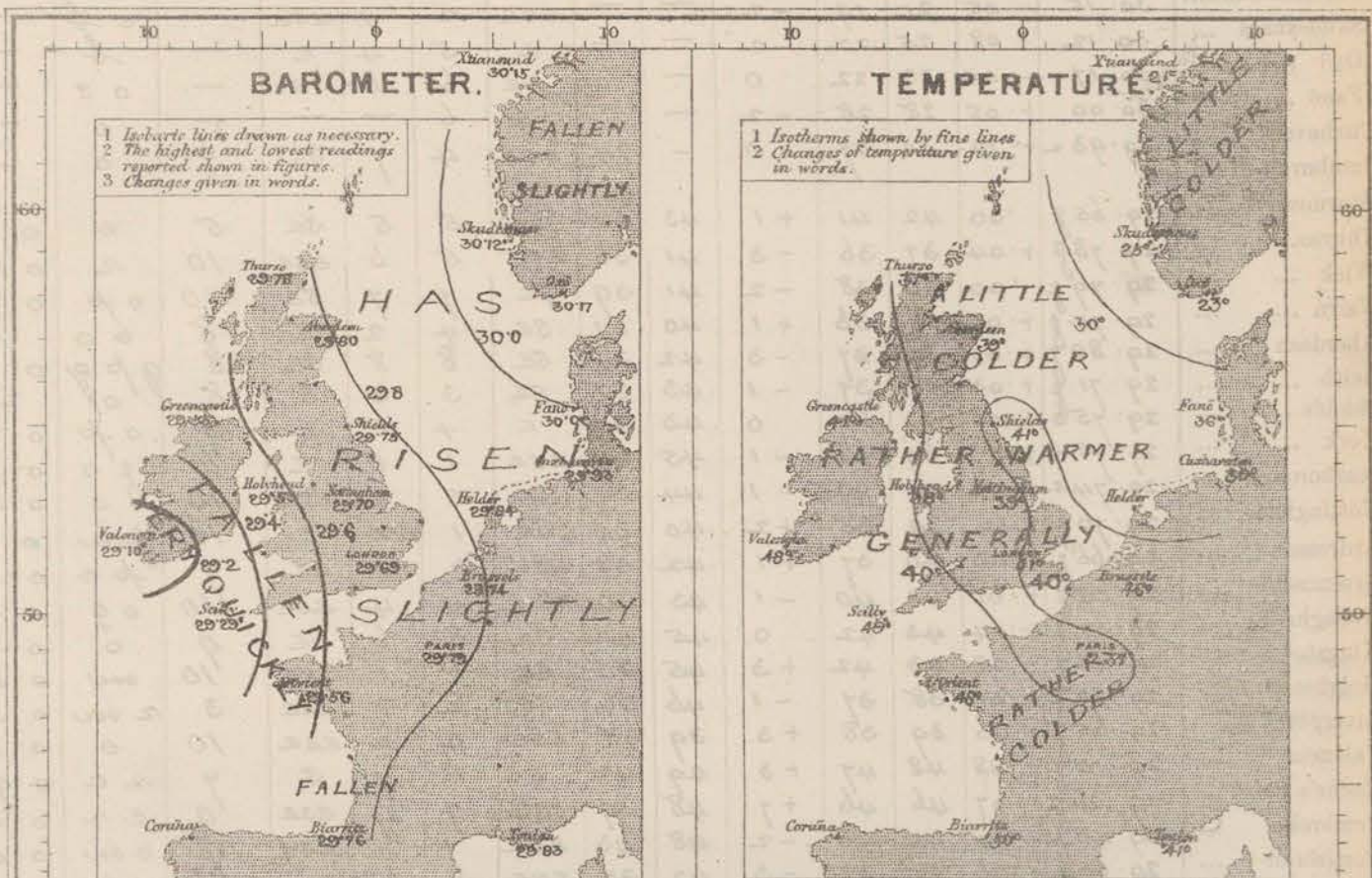
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

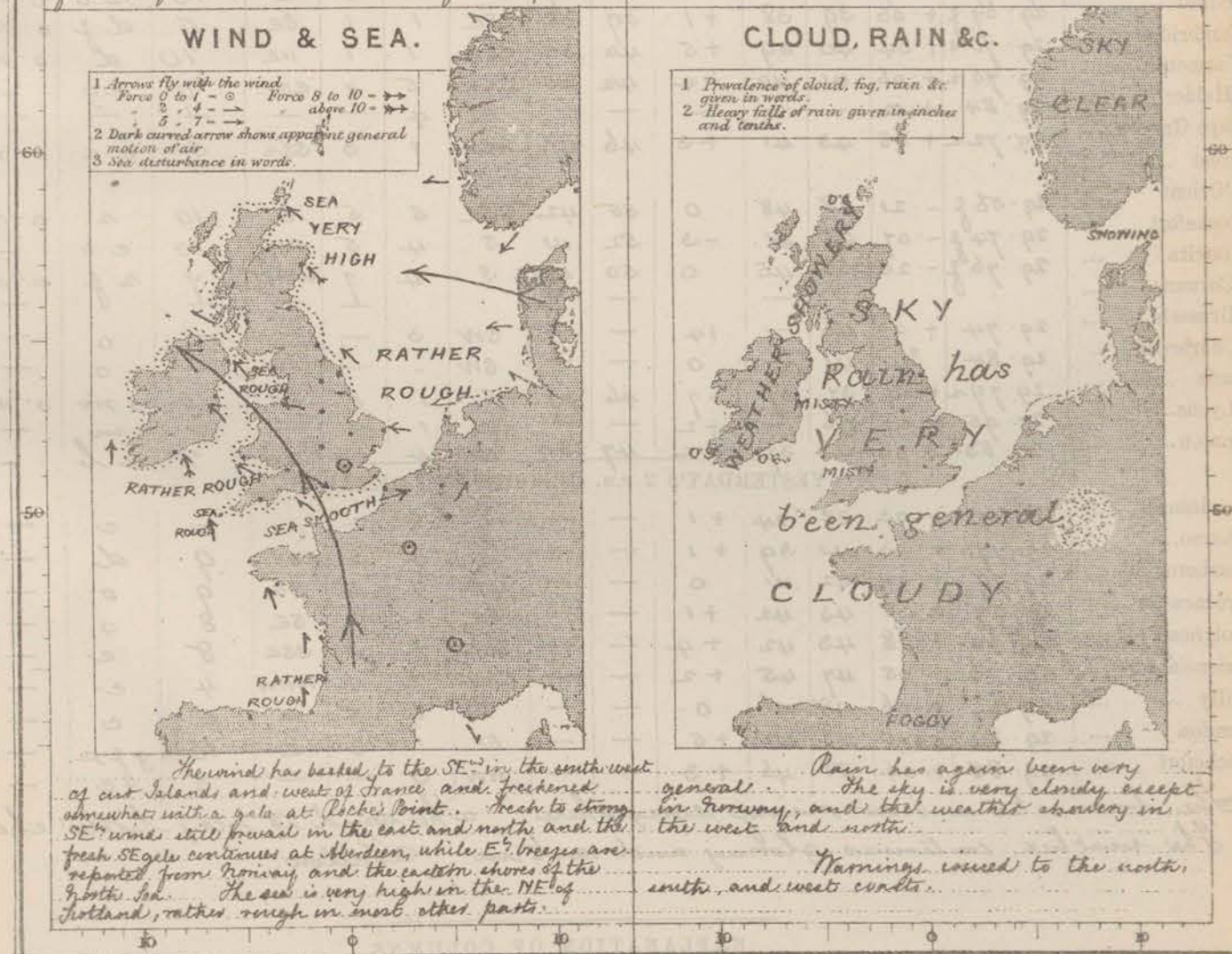
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

DAY 20TH DEC^R 1872 AT 8 A.M.



Temperature has fallen a little in the north and east of Scotland, but has risen slightly in most other parts.



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

Saturday 8 a.m.

WEATHER REPORT, Dec^r 21st 1872.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 hours.	Sea Disturb- ance. 0 to 9.	
	At 8 a.m. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 a.m.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 a.m.		Extremes.						
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.					
Christiansund...																
*Skudesnaes ...																
*Oxø (X'tousand)																
*Famø ...																
Cuxhaven ...	29.928	00	27	24	-3	-	25	SE	5	4	SE	7	0	-	-	
Sumburgh Head																
Stornoway (He- brides.)	29.672	+02	41	41	-1	42	38	SE	7	7	SE	5	c	-	-	6
Thurso...	29.768	-02	39	37	+2	40	36	ESE	6	6	ESE	9	pdg	0.29	-	3
Wick ...	29.748	-05	39	38	0	40	36	E	7	8	ESE	10	m in	0.04	-	6
Nairn ...	29.698	-05	38	36	0	40	36	E	3	4	SE	8	o	-	-	3
Aberdeen ...	29.748	-06	40	39	+1	41	37	SE	8	8	SE	10	g f r	0.27	-	8
Leith ...	29.608	-11	42	40	+4	43	38	SE	4	3	SE	9	o	0.02	-	-
Shields...	29.608	-15	43	42	+2	43	40	ESE	7	8	SE	8	g r o	0.49	-	7
York ...	29.518	-24	42	42	+3	45	39	E	1	4	ESE	10	d	0.13	-	-
Scarborough ...	29.548	-30	43	43	+2	44	39	SE	6	7	SE	10	o	0.23	-	5
Nottingham ...	29.468	-24	43	43	+4	43	38	SE	1	5	SE	10	r	0.10	-	-
Ardrossan ...	29.528	-14	42	40	+2	42	39	E	4	6	E	8	c o	-	-	3
Greencastle ...	29.468	-09	43	42	+2	44	40	E	4	6	E	10	g	0.01	-	-
Donaghadee ...	29.428	-13	43	42	0	45	42	ESE	7	8	SE	9	o	0.18	-	8
Kingstown ...	29.328	-16	46	45	-7	46	43	SE	2	9	SE	10	r m	0.21	-	4
Holyhead ...	29.338	-20	44	44	+6	45	38	ENE	1	6	E	10	o d	0.03	-	0
Liverpool (Bidston Obs.)	29.468	-19	42	41	+3	43	38	E	3	5	E	10	o f	0.06	-	3
Valencia ...	29.278	+17	44	43	-4	51	40	SE	1	6	SSE	8	f o m	0.10	-	4
Roche's Point...	29.218	+01	47	46	+1	49	45	N	1	9	ESE	9	r l f	0.42	-	5
Pembroke ...	29.338	-10	48	48	+4	48	43	SSE	3	8	SE	10	o r	0.34	-	5
Portishead ...	29.408	-20	45	45	+8	48	35	SSW	1	6	SSW	4	g e	0.20	-	1
Scilly ...	29.388	+09	50	49	+1	51	47	SSW	5	7	S	7	o f s	0.32	-	6
Plymouth ...	29.438	-06	49	49	+3	51	44	WSW	3	5	SSE	10	g r	0.57	-	-
Portsmouth ...	29.458	-20	48	48	+9	48	39	WSW	3	5	WSW	6	r m	0.33	-	4
Dover ...	29.518	-19	48	47	+5	49	41	SW	5	6	S	7	d o m	0.25	-	5
London ...	29.438	-26	47	47	+6	47	39	SSW	3	5	SSW	10	r o	0.23	-	-
Oxford ...	29.428	-25	45	44	+6	45	39	SSE	1	3	SE	7	r c	0.19	-	-
Cambridge ...	29.478	-23	45	44	+5	45	40	SE	1	2	ESE	10	d o	0.10	-	-
Yarmouth ...	29.518	-19	44	43	+3	44	40	SSE	7	6	SSE	8	g r	0.15	-	6
*Helder ...	29.718	-13	37	-	-	-	-	ESE	16	-	-	-	-	-	-	2
Cape Gris Nez...	29.538	-19	47	45	+4	-	41	SSW	7	4	SSE	10	r	0.12	-	4
Brest ...	29.568	-	52	-	-	-	48	WSW	5	7	SSW	10	r o	0.55	-	6
L'Orient ...	29.608	+04	51	51	+3	57	42	WSW	4	8	SW	6	r e	0.20	-	7
Roche fort ...	29.788	+04	47	45	+2	-	45	S	4	5	S	10	o r	0.24	-	3
Biarritz ...	29.838	+07	55	51	+5	55	50	SW	4	7	S	9	o	-	-	7
*Corunna ...																
*Brussels ...	29.68	-06	48	-	+2	-	-	WSW	3	-	-	-	o	-	-	-
*Charleville ...	29.79	-05	41	-	0	-	-	SE	3	-	-	-	o r	-	-	-
Paris ...	29.708	-09	44	42	+7	44	37	-	4	4	SE	10	r o	-	-	-
*Lyons...	29.74	-01	48	-	+2	-	-	S	1	-	-	-	o	-	-	-
Toulon...	29.778	+14	46	42	+5	46	41	N	4	1	WNW	7	b f	-	-	4

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

Skudesnaes ...	30.13	+01	26	23	+1	-	-	ENE	4	-	-	-	o	-	2
Thurso...	29.77	-01	38	37	+1	-	-	ESE	5	5	ESE	8	r	-	2
Scarborough ...	29.70	-04	40	39	-1	-	-	SSE	6	5	SE	10	r	-	5
Greencastle ...	29.46	-11	42	40	+1	-	-	E	6	6	E	10	g	-	-
Holyhead ...	29.42	-11	41	40	+3	-	-	E	4	4	E	10	d	-	3
Valencia ...	29.03	-07	48	47	0	-	-	SSE	4	6	S	8	f	-	4
Scilly ...	29.17	-12	51	50	+2	-	-	S	6	6	S	9	r	-	6
London ...	29.65	-04	45	44	+4	-	-	SE	1	1	ESE	10	g f	-	-
Roche fort ...	29.66	-08	46	42	+1	-	-	S	5	-	-	10	o f	-	3

The barometer is now falling everywhere, rather briskly in the W of England, but the decrease has slackened somewhat at Valencia. The wind has backed slightly in the W and N, and moderated a little 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; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.

WEATHER CHARTS

AND REMARKS FOR

SATURDAY 21ST DEC^R 1872 AT 8 A.M.



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



The barometer has risen again in the south-west of our Islands and west of France since yesterday morning, but has fallen somewhat at all our other stations. A depression still lies over the south of Ireland. And the gradient from Feorero to Rachel is 0.05 in per 50 miles, the steepest portion of which lies between Feorero and Holyhead.

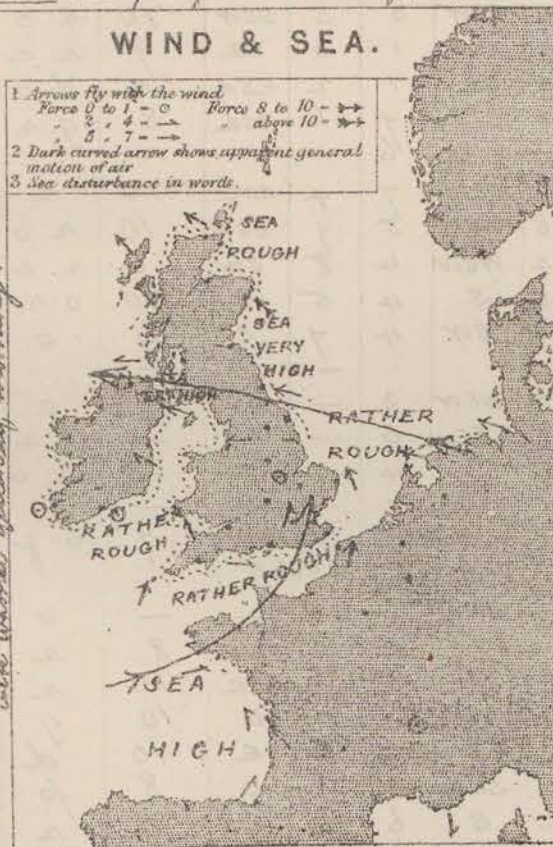
NOTE. The report for Christmas Day (25th) will not be issued till Friday 27th Inst; 1st mas. day being observed as ^{the 26th day}

WIND & SEA.

1 Arrows 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.



Note A dotted line is drawn round those casts which were worked yesterday, morning.

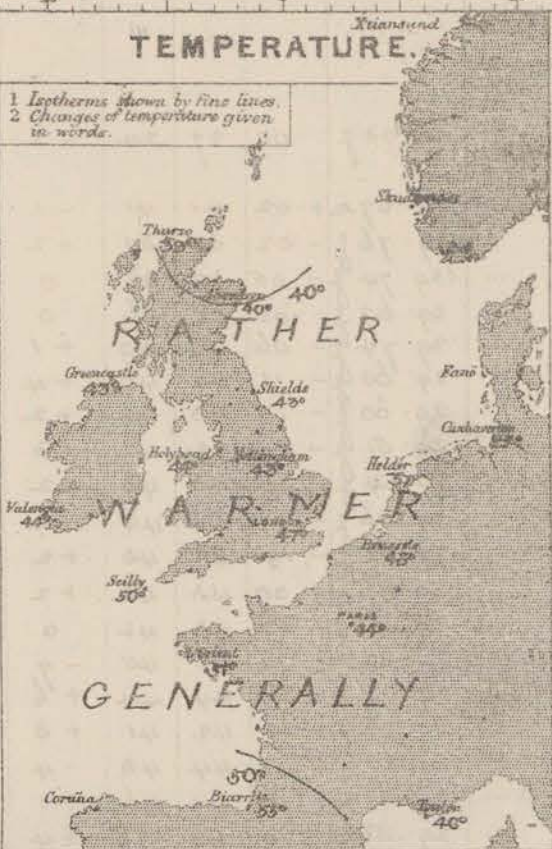
The wind rose to a fresh gale from SE in the west and north-east of our island system. Very light variable airs now prevail in the south of Ireland, a moderate W. or S. breeze in the channel, and fresh to strong, SE winds in the east and north, with a fresh gale at Aberdeen.

The sea is very high in the north-east and at Donaghadee, rather rough in most other parts of our coast.

The sea is very high in the north-east and at Donaghadee, rather rough in most other parts of our coast.

TEMPERATURE.

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



Temperature has risen a little

CLOUD, RAIN &c.

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



Hein. has again been general, and continues in same parts. The sky continues very cloudy.

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

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

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

Sunday 8 a.m.

WEATHER REPORT. Dec^r 22nd 1872.

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.				
*Christiansund...	30.22	—	24	23	—	—	—	ESE	2	0	2	—	b	—	2
*Skudesnaes ...	30.25	—	28	25	—	—	—	ENE	4	6	ESE	—	o	—	3
*Oxø (Christiansand)	30.24	—	23	22	—	—	—	NE	8	8	NE	—	s	—	5
*Fanø ...	30.09	—	30	28	—	—	—	E	6	—	—	—	o	—	—
Cuxhaven ...	30.012	+ .08	31	31	+ 3	—	23	ESE	4	6	SE	8	s o	—	—
Sumburgh Head															
Stornoway (Hebrides.)															
Thurso...	29.952	+ .19	38	37	- 1	39	35	ESE	3	6	ESE	9	g r	0.21	2
Wick ...	29.898	+ .15	40	38	+ 1	40	38	ESE	7	7	ESE	10	o	0.35	6
Nairn ...															
Aberdeen ...	29.962	+ .22	39	37	- 1	41	37	SE	7	8	SE	10	g p r	0.09	7
Leith ...	29.862	+ .26	41	40	- 1	41	40	SE	4	3	SE	9	o r	0.02	—
Shields...	29.912	+ .31	42	40	- 1	43	32	ESE	5	7	ESE	7	o r	0.05	6
York ...	29.892	+ .48	42	40	0	46	41	E	1	3	E	10	d r	0.10	—
Scarborough ...	29.912	+ .37	42	42	- 1	45	41	SSE	5	6	SE	10	r	0.23	5
Nottingham ...	29.872	+ .36	44	44	+ 2	46	40	ENE	1	1	NW	10	g r	0.14	—
Ardrossan ...	29.792	+ .27	41	40	- 1	45	41	E	4	4	E	8	o r	0.09	3
Greencastle ...	29.578	+ .11	45	44	+ 2	45	42	ESE	6	6	ESE	10	g	0.24	—
Donaghadee ...	29.562	+ .22	45	45	+ 2	46	42	ESE	7	7	ESE	10	o r	0.27	7
Kingstown ...	29.622	+ .30	48	48	+ 12	49	45	SSE	3	3	E	10	an	0.21	4
Holyhead ...	29.702	+ .37	49	49	+ 5	51	43	SSW	2	2	E	10	d	0.25	1
Liverpool (Bidston Obs.)	29.812	+ .35	43	42	+ 1	45	42	ESE	4	4	ESE	10	g f	0.09	1
Valencia ...	29.402	+ .21	51	51	+ 5	53	42	SSW	6	6	S	9	r d	0.35	6
Roche's Point...	29.532	+ .32	49	49	+ 2	52	45	SSE	6	6	SSE	9	g o	0.38	5
Pembroke ...	29.722	+ .39	51	47	+ 3	51	47	S	5	5	S	10	o r	0.37	5
Portishead ...	29.862	+ .46	53	52	+ 8	54	42	SSW	3	3	SSW	8	p g	0.14	2
Scilly ...	29.752	+ .37	51	50	+ 1	52	49	S	5	5	S	7	o g	0.12	6
Plymouth ...	29.842	+ .41	52	50	+ 3	54	48	SW	3	3	SW	10	d	0.21	—
Portsmouth ...	29.902	+ .55	51	50	+ 3	51	45	WSW	1	3	WSW	9	o	0.15	1
Dover ...	29.912	+ .40	49	49	+ 1	50	47	SW	3	3	SW	10	e d	0.04	3
London ...	29.902	+ .47	50	50	+ 3	51	40	SW	2	3	WSW	8	r o	0.09	—
Oxford...	29.852	+ .43	48	48	+ 3	49	40	2	0	1	S	10	o d	0.14	—
Cambridge ...	29.902	+ .53	41	40	- 4	49	39	SE	1	1	SW	10	p d	0.04	—
Yarmouth ...	29.882	+ .37	44	43	0	48	42	SSW	3	4	WNW	10	r f	0.26	6
*Helder ...															
Cape Gris Nez...	29.912	+ .38	48	48	+ 1	51	47	SW	4	5	SW	10	o m	0.08	5
Brest ...	29.882	+ .32	53	53	+ 1	53	50	SSW	4	5	WSW	—	o	0.08	5
L'Orient ...	29.942	+ .34	53	53	+ 2	57	50	S	4	4	SW	4	o e	0.02	5
Rochefort ...	30.012	+ .23	46	41	- 1	54	43	SE	4	5	S	0	e b	—	1
Biarritz ...	29.982	+ .15	55	51	0	58	50	SSE	3	5	SW	4	e	—	6
*Corunna ...															
*Brussels ...	29.99	+ .31	51	—	+ 3	—	—	SW	1	—	—	—	o	—	—
*Charleville ...	30.01	+ .23	46	—	+ 5	—	—	SSE	1	—	—	—	o	—	—
Paris ...	30.022	+ .32	48	48	+ 4	50	47	S	1	4	SW	10	o	0.04	—
*Lyons...	30.16	+ .16	46	—	- 2	—	—	N	1	—	—	—	b	—	—
Toulon...															

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

Skudesnaes ...	30.13	—	27	24	—	—	—	ESE	6	—	—	—	o	—	4
Thurso...	29.83	+ .07	38	36	- 1	—	—	ESE	5	6	ESE	8	p	—	3
Scarborough ...	29.55	+ .01	43	43	0	—	—	SE	6	6	SE	10	r	—	5
Greencastle ...	29.55	+ .09	44	43	+ 1	—	—	E	4	4	E	10	g	—	—
Holyhead ...	29.47	+ .14	46	46	+ 2	—	—	E	1	1	E	7	c	—	1
Valencia ...	29.43	+ .16	48	47	+ 4	—	—	SSE	1	1	SE	8	g	—	4
Scilly ...	29.54	+ .16	52	51	+ 2	—	—	SSW	4	5	SSW	7	e	—	5
London ...	29.58	+ .15	51	49	+ 4	—	—	WSW	3	3	SSW	10	e o	—	—
Rochefort ...	29.81	- .02	54	50	- 1	—	—	S	4	—	—	6	c	—	3

The barometer is now rising everywhere - briskly in the West & S. The winds are very little changed.

EXPLANATION OF COLUMNS.

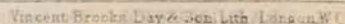
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

SUNDAY 22ND DEC^R 1872 AT 8 A.M.



Mon-day 8 a.m.

WEATHER REPORT. DEC^r 23rd 1872.

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.				
*Christiansund...	29.76	-.46	26	23	+3	—	—	ESE	4	4	ESE	—	c	—	2
*Skudesnaes ...	29.78	-.47	34	31	+3	—	—	SE	8	6	SSE	—	os	—	5
*Oxö (X'tiansand)	29.93	-.31	32	32	+9	—	—	SE	8	6	NE	—	os	—	5
*Fanö ...	29.88	-.21	32	32	+2	—	—	SE	6	—	—	—	f	—	—
Cuxhaven ...	29.918	-.10	36	36	+6	—	28	S	2	5	ESE	9	of	—	—
Sumburgh Head															
Stornoway (He- brides.)	29.112	—	48	47	—	48	38	SW	8	10	SW	5	27	0.61	7
Thurso...	29.152	-.80	45	44	+7	46	37	SSE	2	7	SE	7	2c	0.58	2
Wick ...	29.192	-.70	41	40	+1	46	37	S	2	8	SSE	7	o	0.25	5
Nairn ...	29.182	—	50	49	—	50	40	SSW	2	3	E	6	ocm	0.23	2
Aberdeen ...	29.284	-.68	47	46	+8	48	39	S	7	7	SE	9	20	0.53	5
Leith ...	29.304	-.56	51	49	+10	55	39	SW	16	3	S	8	20	0.63	—
Shields...	29.484	-.43	46	45	+4	46	42	SSE	4	6	ESE	9	po	0.27	5
York ...	29.552	-.34	48	47	+6	50	42	S	2	4	S	8	o	0.10	—
Scarborough ...	29.542	-.37	47	46	+5	49	41	SW	4	4	SSE	9	fo	0.04	4
Nottingham ...	29.612	-.26	49	47	+5	52	44	SSW	3	3	S	9	20	0.06	—
Ardrossan ...	29.292	-.50	50	49	+9	52	38	S	4	6	S	—	2	0.96	5
Greenecastle ...	29.202	-.37	49	48	+4	50	44	S	4	6	ESE	10	g	0.03	—
Donaghadee ...	29.282	-.38	50	49	+5	51	45	S	7	8	S	8	90	0.30	7
Kingstown ...	29.322	-.30	52	50	+4	53	46	S	4	4	SE	10	mu	0.17	4
Holyhead ...	29.382	-.32	50	49	+1	53	48	SSW	5	7	SSW	10	d	0.22	3
Liverpool (Bidston Obs.)	29.532	-.29	50	48	+7	53	43	SE	4	5	S	10	o	—	2
Valencia ...	29.192	-.29	51	50	0	54	49	SSW	4	7	SSW	7	2c	0.54	5
Roche's Point...	29.252	-.28	50	49	+1	52	49	SSW	5	9	S	8	20	0.60	6
Pembroke ...	29.442	-.28	51	49	0	51	49	S	8	8	S	10	02	0.05	7
Portishead ...	29.602	-.26	51	48	-2	56	46	WSW	5	5	WSW	7	ouy	—	3
Scilly ...	29.482	-.27	52	51	+1	53	51	S	6	6	S	9	ch	0.06	6
Plymouth ...	29.612	-.23	51	50	-1	56	49	S	4	6	S	6	bw	—	—
Portsmouth ...	29.712	-.19	48	48	-3	54	47	SW	3	3	WSW	6	c	—	3
Dover ...	29.762	-.15	48	47	-1	52	48	SSW	4	3	WSW	3	cw	0.01	4
London ...	29.722	-.18	48	47	-2	54	47	SSW	2	3	SW	7	bc	—	—
Oxford...	29.662	-.19	47	46	-1	55	47	S	2	2	S	9	co	0.01	—
Cambridge ...	29.712	-.19	48	47	+7	52	41	S	1	1	SW	9	c	0.04	—
Yarmouth ...	29.702	-.18	44	43	0	49	42	SSW	4	4	S	8	fg	0.02	4
*Helder ...	29.862	—	45	—	—	—	—	S	6	—	—	—	fg	—	2
Cape Gris Nez...	29.772	-.14	47	45	-1	53	46	S	4	4	SW	5	me	—	2
Brest ...	29.682	-.20	54	49	+1	55	46	S	5	5	S	10	o	—	6
L'Orient ...	29.752	-.19	52	52	-1	58	48	SSE	3	4	SSE	6	c	—	5
Rocheport ...	29.862	-.15	46	42	0	54	43	SE	5	4	SE	0	b	—	3
Biarritz ...	29.842	-.14	57	46	+2	66	52	S	5	3	SW	0	b	—	7
*Corunna ...															
*Brussels ...	29.91	-.08	49	—	-2	—	—	WSW	1	—	—	—	b	—	—
*Charleville ...	30.00	-.02	45	—	-1	—	—	ESE	3	—	—	—	b	—	—
Paris ...															
*Lyons...	30.01	-.15	48	—	+2	—	—	NE	1	—	—	—	b	—	—
Toulon...	30.14	—	47	42	—	53	47	WNW	4	7	NE	8	bf	—	4

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

Skudesnaes ...	30.21	-.04	29	24	+5	—	—	ESE	6	—	—	—	c	—	3
Thurso...															
Scarborough ...															
Greenecastle ...															
Holyhead ...															
Valencia ...															
Scilly ...															
London ...															
Rocheport ...	30.00	-.01	55	51	+4	—	—	N	5	—	—	6	c	—	3

EXPLANATION OF COLUMNS.

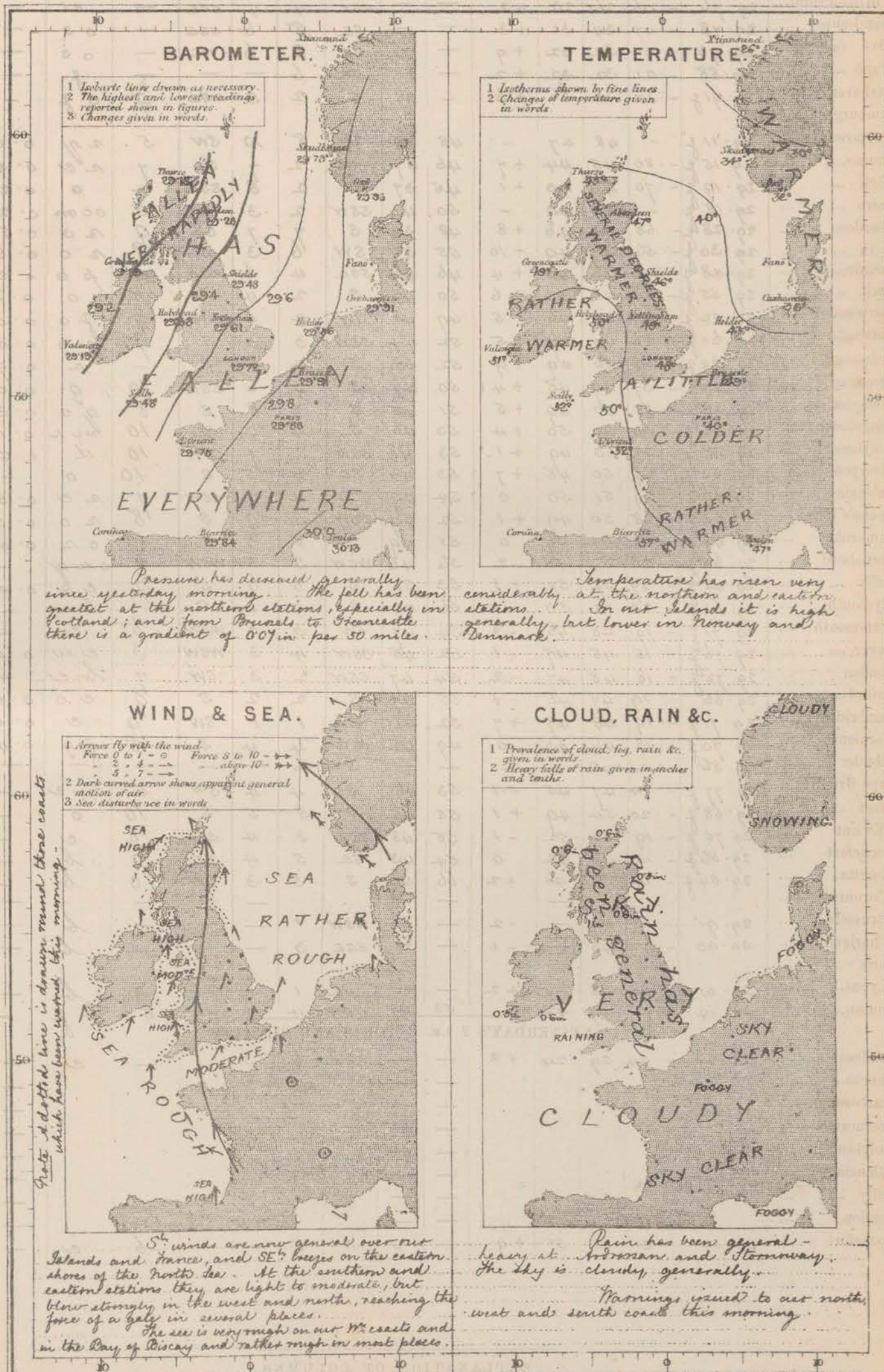
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS AND REMARKS FOR MONDAY 23RD DEC^R 1872 AT 8 A.M.



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^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

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

Tues-day 8 a.m.

WEATHER REPORT. Dec^r 24th 1872.

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 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.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
*Christiansund...	29.13	-63	41	40	+15	—	—	WSW	6	4	ESE	—	S 2	—	4
*Skudesnaes ...	29.23	-55	44	43	+10	—	—	S	4	8	S	—	2 0	—	6
*Öxö (X'iansand)	29.34	-59	41	41	+9	—	—	W	4	6	SSW	—	2 0	—	3
*Fanö ...	29.56	-32	37	37	+5	—	—	SSW	6	—	—	—	e	—	—
Cuxhaven ...	29.65 f	-26	37	36	+1	—	34	SSW	3	3	SSW	2	f b	0.02	—
Sumburgh Head															
Stornoway (He- brides)	29.01 s	-10?	46	42	-2	49	43	SW	3	8	SW	6	e	0.06	3
Thurso...	29.02 f	-13	41	40	-4	47	41	SSW	1	2	SSW	7	c w	0.10	1
Wick ...	29.06 f	-13	44	42	+3	47	37	SSW	1	2	SW	5	c	—	2
Nairn ...	29.08 f	-10	44	42	-6	52	42	WSW	1	2	SSW	4	b c	—	2
Aberdeen ...	29.12 s	-16	45	44	-2	49	44	S	1	7	S	10	o g	—	2
Leith ...	29.15 f	-15	49	48	-2	54	47	SSW	3	5	SW	8	o g	0.08	—
Shields...	29.24 f	-24	47	45	+1	49	46	SW	2	5	S	9	o	0.01	3
York ...	29.26 f	-29	47	42	-4	52	43	S	2	3	S	5	c	—	—
Scarborough ...	29.33 f	-21	45	44	-2	51	43	W	2	5	SW	8	o	—	3
Nottingham ...	29.36 f	-29	46	44	-3	53	44	S	2	7	S	10	vw	—	—
Ardrossan ...	29.10 f	-19	49	48	-1	51	47	S	4	4	SW	8	o	0.15	3
Greencastle ...	29.02 f	-18	47	46	-2	49	45	SE	4	4	SE	10	g	0.06	—
Donaghadee ...	29.08 f	-20	48	48	-2	51	44	SW	5	7	SW	10	o	0.02	4
Kingstown ...	29.06 f	-26	49	48	-3	54	48	SE	4	4	SSW	10	m	0.08	4
Holyhead ...	29.11 f	-27	48	46	-2	51	48	SSW	3	4	SSW	9	d o	0.35	2
Liverpool (Bidston Obs.)	29.27 f	-26	45	44	-5	53	45	SE	4	5	SW	8	o	0.02	2
Valencia ...	28.69 f	-50	50	49	-1	52	48	SSW	6	7	S	7	p	0.25	6
Roche's Point...	28.87 f	-38	48	47	-2	52	47	S	8	9	S	9	o	0.25	5
Pembroke ...	29.09 f	-35	49	48	-2	51	48	SE	6	8	S	10	m o	0.29	6
Portishead ...	29.25 f	-35	49	47	-2	56	47	SW	6	7	SW	10	ow	—	4
Scilly ...	29.05 f	-43	52	50	0	53	50	S	6	6	S	8	o	0.07	6
Plymouth ...	29.22 f	-39	52	51	+1	54	49	S	5	6	S	10	o	—	—
Portsmouth ...	29.38 f	-33	48	47	0	51	45	W	1	3	W	8	c o	—	1
Dover ...	29.47 f	-29	47	45	-1	50	46	SSW	5	4	SW	3	b w	—	4
London ...	29.40 f	-32	44	43	-4	52	43	SSE	4	4	SW	4	b o c	—	—
Oxford...	29.35 f	-31	46	44	-4	53	45	SSE	1	5	SW	10	o	—	—
Cambridge ...	29.39 f	-32	44	42	-4	51	42	S	1	2	S	6	c	—	—
Yarmouth...	29.41 f	-29	45	44	+1	49	43	SSE	5	6	SSW	6	g e	—	5
*Helder ...	29.56	-30	40	—	-5	—	—	S	3	—	—	—	—	—	3
Cape Gris Nez...	29.47 f	-30	45	41	-2	50	44	S	3	4	SSW	5	c f	—	2
Brest ...															
L'Orient ...	29.34 f	-41	53	51	+1	58	49	SSW	4	5	S	8	c o	—	5
Rocheport ...	29.54 f	-32	47	45	+1	54	43	S	5	5	SE	5	b c	—	3
Biarritz ...	29.49 f	-35	56	51	-1	62	54	SW	7	5	S	8	f o	—	3
*Corunna ...															
*Brussels ...	29.60	-31	47	—	-2	—	—	SSW	3	—	—	—	b	—	—
*Charleville ...	29.71	-29	39	—	-6	—	—	SE	3	—	—	—	c	—	—
Paris ...															
*Lyons...	29.80	-21	55	—	+7	—	—	SW	6	—	—	—	c	—	—
Toulon...	29.95 r	-18	51	51	+4	54	47	E	7	3	SE	8	o	—	5

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

Skudesnaes ...	29.41	-37	40	36	+6	—	—	SSE	6	—	—	—	o	—	5
Thurso...	29.04	-11	47	45	+2	—	—	SSW	2	2	SSW	8	g	—	1
Scarborough ...	29.43	-11	49	47	+2	—	—	SW	5	5	SW	10	o	—	4
Greencastle ...	29.18	-02	49	48	0	—	—	WSW	2	2	WSW	9	o	—	—
Holyhead ...	29.33	-05	50	50	0	—	—	SSW	4	4	SSW	10	d	—	2
Valencia ...	29.23	+04	52	51	+1	—	—	SW	4	4	SSW	6	c	—	4
Scilly ...	29.45	-03	53	52	+1	—	—	SSW	6	6	SSW	9	on	—	6
London ...	29.64	-08	52	50	+4	—	—	SSW	2	2	SSW	8	c	—	—
Rocheport ...	29.81	-05	55	50	+9	—	—	SE	4	—	—	o	b	—	—

A slight increase of pressure has taken place at Valencia, but elsewhere the barometer has continued to fall. The wind has veered a little on the West, but no other change is reported.

EXPLANATION OF COLUMNS.

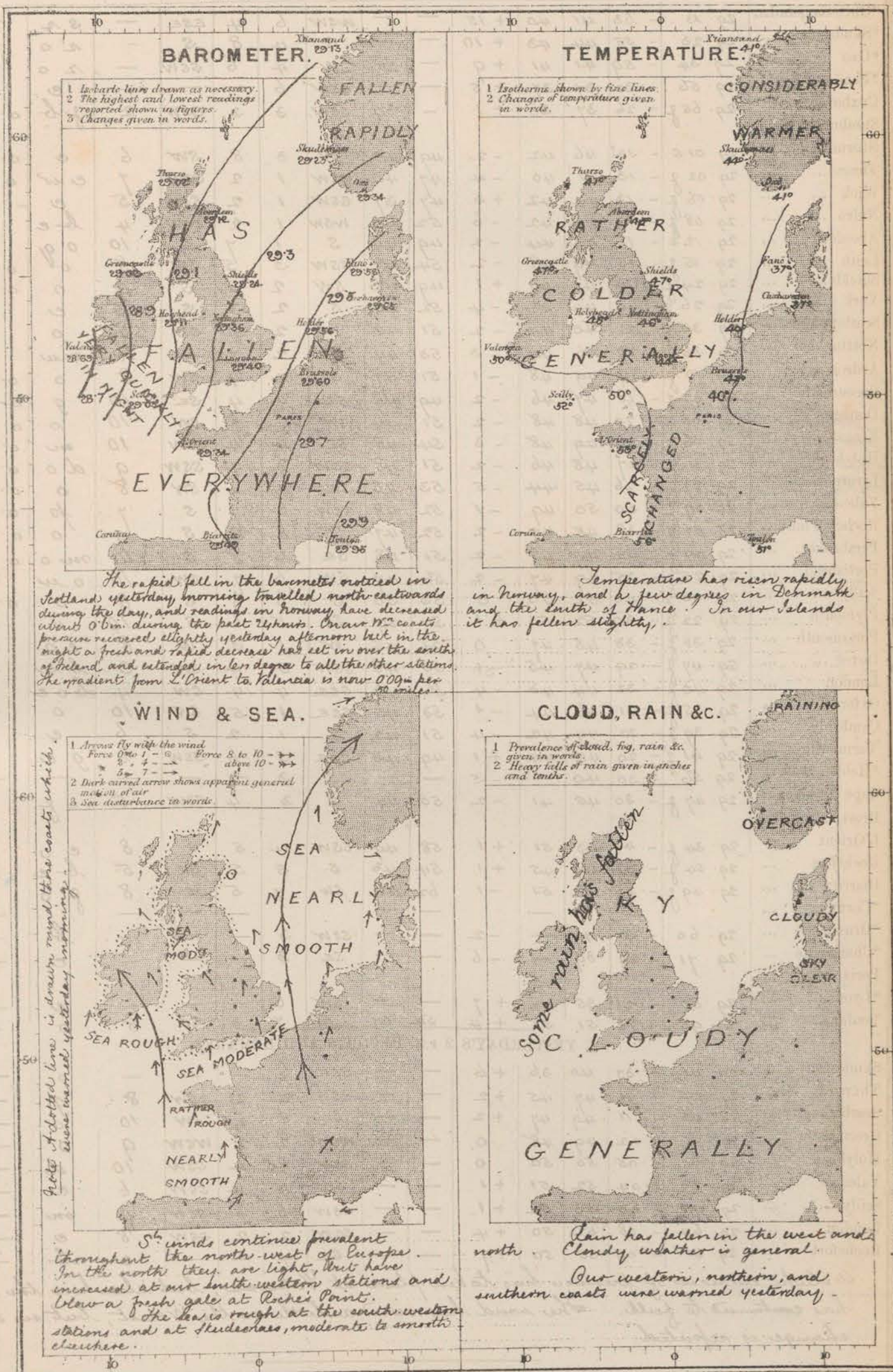
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS AND REMARKS FOR TUESDAY 24TH DEC^R 1872 AT 8 A.M.



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^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

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

Wednesday 8 a.m.

WEATHER REPORT. Dec^r 25th 1872.

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.	Direc.				
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)						
*Christiansund...	28.91	-.22	39	38	-.2	—	—	Z	0	2	SSW	—	c o	—	4
*Skudesnaes ...	29.09	-.14	43	42	-.1	—	—	SSE	6	6	SSE	—	o	—	4
*Oxö (X'tiansand)	29.19	-.15	41	41	0	—	—	SW	8	2	WSW	—	o	—	5
*Fanö ...	29.40	-.16	38	37	+1	—	—	S	6	—	—	—	o	—	—
Cuxhaven ...	29.47 f	-.18	40	39	+3	—	34	SSW	3	3	SSW	5	c	—	—
Sumburgh Head															
Stornoway (He- brides.)	28.50 f	-.51	46	45	0	48	42	SW	6	6	SW	8	rd	0.37	4
Thurso...	28.59 f	-.43	41	40	0	45	40	—	3	3	N	8	o	0.15	1
Wick ...	28.63 f	-.43	44	42	-.2	45	42	S	2	7	SW	10	rd	0.20	2
Nairn ...	28.62 f	-.40	46	44	+2	50	43	WSW	1	3	WSW	6	c	—	1
Aberdeen ...	28.70 f	-.42	46	45	+1	47	42	S	8	8	S	10	rd	0.13	4
Leith ...	28.71 f	-.44	50	47	+1	52	42	SW	3	2	SE	7	c	0.22	—
Shields...	28.91 f	-.33	48	47	+1	48	46	S	6	6	S	8	co	—	3
York ...	29.01 f	-.25	49	46	+5	50	43	S	2	4	SW	9	do	—	—
Scarborough ...	29.01 f	-.32	47	45	+2	48	43	SSW	4	3	SW	9	co	—	4
Nottingham ...	29.04 f	-.32	50	46	+4	51	44	S	6	9	S	10	w	0.01	—
Ardrossan ...	28.66 f	-.44	49	48	0	52	47	SSW	7	4	SE	8	dr	0.40	6
Greencastle ...	28.65 f	-.37	46	45	+1	49	44	SW	1	7	S	10	o	0.08	—
Donaghadee ...	28.66 f	-.42	47	46	-.1	50	45	SW	6	9	SSW	6	gc	0.25	4
Kingstown ...	28.72 f	-.34	48	46	-.1	55	45	SE	1	7	SSE	9	hlon	0.19	4
Holyhead ...	28.79 f	-.32	48	47	0	56	45	SSW	5	9	SSW	8	oon	0.53	4
Liverpool (Bidston Obs.)	28.81 f	-.36	50	47	+5	51	45	S	4	5	SSE	10	o	—	2
Valencia ...	28.64 f	-.05	47	47	-.3	52	45	S	6	7	SW	7	p	0.36	5
Roche's Point...	28.71 f	-.16	46	46	-.2	50	45	SSW	6	9	S	9	o	0.50	1
Pembroke ...	28.85 f	-.23	49	48	0	51	47	S	5	9	S	8	gm	0.50	6
Portishead ...	28.85 f	-.30	51	49	+2	56	47	SW	8	7	SSW	10	gw	0.05	5
Scilly ...	28.94 f	-.11	49	47	-.3	52	47	SSW	5	9	S	7	lc	0.11	6
Plymouth ...	28.97 f	-.25	50	50	-.2	53	49	S	3	8	S	10	pu	0.17	—
Portsmouth ...	29.14 f	-.24	50	48	+2	51	46	SW	5	4	SW	10	dr	0.15	4
Dover ...	29.22 f	-.25	49	48	+2	51	46	SSW	5	7	SW	5	g	0.06	5
London ...	29.14 f	-.26	50	48	+6	52	43	SSW	4	8	S	7	gc	0.03	—
Oxford...	29.09 f	-.26	50	47	+4	50	46	S	6	6	W	10	o	0.06	—
Cambridge ...	29.23 f	-.16	47	45	+5	49	43	S	2	2	S	10	c	0.01	—
Yarmouth ...	29.16 f	-.25	47	46	+2	49	43	S	7	8	SSW	5	c	0.01	5
*Helder ...	29.40	-.16	46	—	+9	—	—	S	6	—	—	—	—	—	4
Cape Gris Nez...	29.23 f	-.24	49	47	+4	52	44	S	5	5	SSW	8	o	0.04	3
Brest ...	29.06 f	-.22	50	48	-.4	55	46	SW	7	9	SSW	10	o 2	0.24	7
L'Orient ...	29.16 f	-.18	53	53	0	56	51	WSW	5	7	WSW	8	co	0.08	6
Roche fort ...	29.42 f	-.12	50	46	+3	55	46	S	5	5	S	6	oc	—	3
Biarritz ...	29.36 f	-.13	53	46	-.1	62	52	S	8	8	S	7	om	—	3
*Corunna ...															
*Brussels ...	29.42	-.18	52	—	+5	—	—	SW	3	—	—	—	o	—	—
*Charleville ...	29.52	-.19	51	—	+12	—	—	SW	6	—	—	—	—	—	—
Paris ...	29.39	-.42	50	46	-.2	53	47	S	4	4	S	10	co	—	—
*Lyons...	29.53	-.27	56	—	+1	—	—	S	3	—	—	—	c	—	—
Toulon...	29.79 f	-.16	51	51	0	53	50	ESE	5	7	E	8	o	—	7

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

Skudesnaes ...	29.26	+0.03	42	42	-.2	—	—	SSW	4	—	—	—	o 2	—	3
Thurso...	28.93	-.09	43	42	+2	—	—	S	1	2	SSW	9	o	—	1
Scarborough ...	29.20	-.13	55	54	+10	—	—	W	2	8	W	7	c	—	2
Greencastle ...	28.80	-.22	48	47	+1	—	—	SSE	5	6	SSE	9	o	—	—
Holyhead ...	28.94	-.17	50	48	+2	—	—	SSW	7	7	SSW	9	o	—	5
Valencia ...	28.52	-.17	47	45	-.3	—	—	SW	7	8	SW	8	p	—	7
Scilly ...	28.93	-.12	52	50	0	—	—	S	9	9	S	7	c	—	7
London ...	29.32	-.08	50	47	+6	—	—	SSE	3	3	SSE	8	c	—	—
Roche fort ...	29.87	-.07	54	49	+7	—	—	S	5	—	—	6	c	—	3

Pressure continues to decrease everywhere, but chiefly in the west. A fresh to strong S.W. gale has set in over St. George's Channel, with a very high sea. The weather is very unsettled. Warnings extended to our E coast.

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

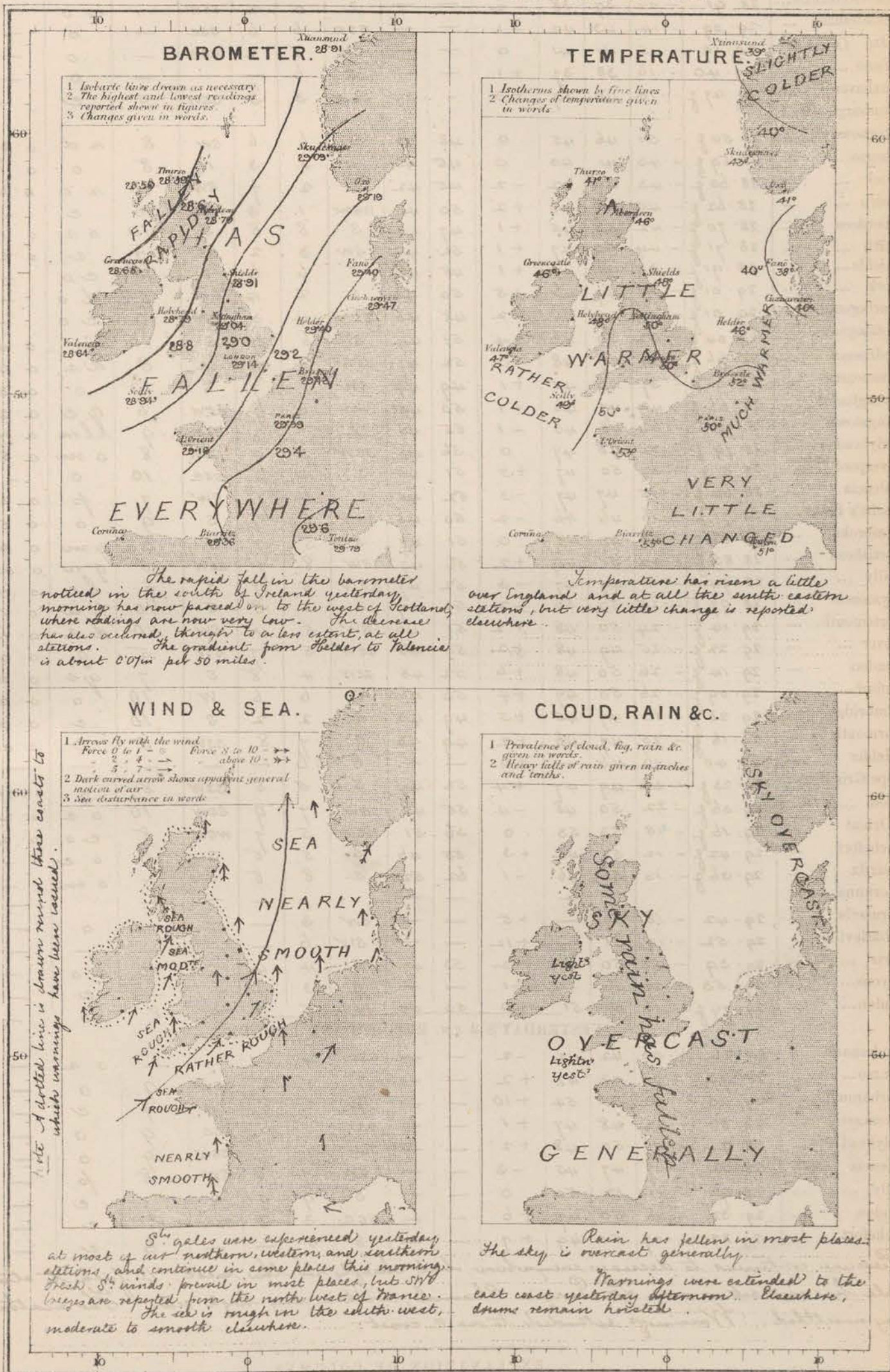
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 25TH DEC^R 1872 AT 8 A.M.



Thursday 8 a.m.

WEATHER REPORT. Dec 26th 1872.

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.				
*Christiansund...	28.90	-01	39	39	0	—	—	Z	0	2	S	—	0	—	3
*Skudesnaes ...	29.14	+05	44	43	+1	—	—	SSE	6	6	SSE	—	0	—	4
*Oxö (X'tiansand)	29.34	+15	43	42	+2	—	—	SW	6	6	SSE	—	0	—	5
*Fanö ...	29.54	+14	41	39	+3	—	—	SSW	6	—	—	—	c	—	—
Cuxhaven ...	29.632	+16	44	43	+4	—	30	SSW	3	3	SSW	5	c	—	—
Sumburgh Head															
Stornoway (He- brides.)	29.132	+63	34	33	-12	45	33	W	2	5	SW	1	b	0.32	2
Thurso...	29.072	+48	39	37	-2	46	39	WNW	2	3	SSW	6	c	0.03	3
Wick ...	29.202	+57	35	34	-9	45	35	Z	0	2	SW	5	c	—	0
Nairn ...	29.152	+53	38	36	-8	48	37	WSW	1	1	WSW	2	cb	—	1
Aberdeen ...	29.142	+44	42	39	-4	48	42	WNW	1	8	S	2	obm	0.03	2
Leith ...	29.262	+55	41	39	-9	54	40	SW	3	3	SW	3	cb	0.03	—
Shields...	29.322	+41	42	40	-6	48	42	W	3	6	SSW	8	cm	—	3
York ...	29.392	+38	43	41	-6	51	42	SSW	1	2	S	6	pc	0.16	—
Scarborough ...	29.422	+41	43	42	-4	50	42	W	2	4	SW	2	cb	0.02	2
Nottingham ...	29.472	+43	47	46	-3	52	43	SSW	4	8	S	9	pm	0.07	—
Ardrossan ...	29.282	+62	44	41	-5	51	44	WSW	2	6	SW	4	oc	0.05	3
Greencastle ...	29.282	+63	41	40	-5	47	39	SSW	4	5	SSW	9	o	0.04	—
Donaghadee ...	29.312	+65?	36	36	-11	49	36	SW	4	5	E	3	ob	0.19	3
Kingstown ...	29.392	+67	44	40	-4	50	42	SSW	2	4	S	3	mb	0.04	3
Holyhead	29.372	—	44	42	—	51	43	WSW	1	5	SSW	2	rb	0.63	1
Liverpool (Bidston Obs.)	29.472	+66	42	41	-8	51	42	WSW	2	5	SSW	1	ob	0.11	3
Valencia ...	29.352	+71	46	45	-1	51	42	SSW	3	6	S	7	p	0.32	4
Roche's Point ...	29.392	+68	47	45	+1	49	39	SW	4	7	SSW	6	alc	0.53	4
Pembroke ...	29.482	+62	47	45	-2	49	46	W	1	6	SSW	4	c	0.02	4
Portishead ...	29.502	+55	46	45	-5	52	46	W	4	7	?SW	7	pg	0.09	4
Scilly ...	29.552	+61	48	47	-1	51	47	SSW	3	6	SSW	6	c	0.11	5
Plymouth ...	29.552	+58	49	49	-1	53	47	W	2	3	SW	10	cf	0.20	—
Portsmouth ...	29.592	+45	49	48	-1	52	47	WSW	3	5	SW	6	pc	0.10	3
Dover ...	29.582	+44	49	48	0	51	49	SSW	4	6	SSW	3	bg	0.01	4
London ...	29.522	+38	48	47	-2	56	46	SW	2	4	SW	5	re	0.07	—
Oxford ...	29.512	+42	46	45	-4	52	46	SSW	1	7	SW	1	cb	0.02	—
Cambridge ...	29.512	+28	47	45	0	52	45	SW	1	3	S	10	eo	0.01	—
Yarmouth ...	29.472	+31	47	46	0	50	45	SSW	5	8	S	3	cb	—	4
*Helder ...	29.55	+15	48	—	+2	—	—	SSW	6	—	—	—	—	—	4
Cape Gris Nez...	29.582	+35	48	46	-1	52	47	SSW	4	5	SSW	5	oc	—	2
Brest ...	29.622	+56	50	48	0	54	49	NW	3	8	SW	1	rb	0.08	7
L'Orient ...	29.672	+51	48	48	-5	58	46	W	1	5	SW	5	c	—	5
Roche fort ...	29.652	+23	50	46	0	54	48	S	4	5	S	6	c	—	3
Biarritz ...	29.672	+31	54	49	-1	60	52	SW	4	8	S	9	o	0.08	5
*Corunna ...															
*Brussels ...	29.65	+23	54	—	+2	—	—	SW	3	—	—	—	c	—	—
*Charleville ...	29.75	+23	48	—	-3	—	—	S	3	—	—	—	oc	—	—
Paris ...	29.702	+31	48	46	-2	55	45	SSW	4	5	SW	10	eo	—	—
*Lyons...	29.72	+19	55	—	-1	—	—	W	3	—	—	—	e	—	—
Toulon...	29.822	+03	51	51	0	52	49	SE	6	5	ESE	10	or	1.50	7

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

Skudesnaes ...	29.06	-03	44	43	+1	—	—	SSE	6	—	—	—	0	—	4
Thurso...															
Scarborough ...															
Greencastle ...															
Holyhead ...															
Valencia ...															
Scilly ...															
London ...															
Roche fort ...	29.36	-06	55	50	+5	—	—	S	5	—	—	6	e	—	3

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

Fri-day 8 a.m.

WEATHER REPORT. DEC^r 27th 1872.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disur- bance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirct.	Force. (0 to 12.)	Force. (0 to 12.)	Dirct.				
*Christiansund...	29.51	+ .61	41	34	+ 2	—	—	E	6	6	WSW	—	c	—	4
*Skudesnaes ...	29.71	+ .57	44	42	0	—	—	SSE	6	0	Z	—	co	—	4
*Oxø (Xtiansand)	29.93	+ .59	41	41	- 2	—	—	S	6	4	SW	—	cg	—	4
*Fanø ...	30.05	+ .51	38	38	- 3	—	—	S	6	—	—	—	g	—	—
Cuxhaven ...	30.112	+ .48	41	41	- 3	—	38	SSW	3	3	SW	2	cb	—	—
Sumburgh Head															
Stornoway (He- brides.)	29.032	- .10	50	49	+ 16	50	31	SSW	10	10	S	10	g	0.12	8
Thurso...	29.142	+ .07	48	46	+ 9	49	36	S	2	4	S	5	pcc	0.01	2
Wick ...	29.232	+ .03	48	46	+ 13	48	35	S	2	2	S	5	c	—	2
Nairn ...	29.322	+ .07	52	49	+ 14	52	38	W	2	5	WSW	4	bc	—	1
Aberdeen ...	29.362	+ .22	47	46	+ 5	48	38	S	7	7	S	9	bg	0.03	3
Leith ...	29.362	+ .10	53	49	+ 12	54	40	SW	7	3	SW	6	c	—	—
Shields...	29.522	+ .20	47	45	+ 5	47	42	S	3	5	S	6	c	—	2
York ...	29.692	+ .30	49	45	+ 4	48	42	S	2	3	S	10	cg	—	—
Scarborough ...	29.622	+ .20	45	44	+ 2	46	41	SW	4	3	SW	10	bo	—	4
Nottingham ...	29.782	+ .31	49	46	+ 2	50	41	S	4	5	S	10	mm	—	—
Ardrossan ...	29.322	+ .04	51	49	+ 7	52	34	S	8	10	S	8	gf	0.09	7
Greencastle ...	29.182	- .10	51	50	+ 10	51	39	SSE	6	7	S	10	g	0.02	—
Donaghadee ...	29.282	- .13	51	49	+ 15	51	36	SSW	8	9	SSW	4	oc	0.11	7
Kingstown ...	29.372	- .02	51	50	+ 7	52	42	SSE	5	5	SSE	10	od	0.11	4
Holyhead ...	29.462	+ .09	50	49	+ 6	51	43	SSW	7	7	SSW	10	gd	0.06	5
Liverpool (Bidston Obs.)	29.632	+ .16	49	47	+ 7	49	42	SE	3	4	S	10	co	—	2
Valencia ...	29.172	- .18	50	50	+ 4	55	44	SW	4	8	S	9	ro	1.02	6
Roche's Point ...	29.272	- .12	50	50	+ 3	50	47	SSW	8	9	SSW	9	r	0.70	5
Pembroke ...	29.512	+ .03	50	50	+ 3	50	46	SSE	8	8	SSE	10	om	0.01	7
Portishead ...	29.702	+ .20	51	48	+ 5	54	44	SW	8	8	SW	7	cu	—	5
Scilly ...	29.552	00	52	51	+ 4	52	47	S	6	6	S	9	er	0.01	6
Plymouth ...	29.722	+ .17	52	51	+ 3	52	46	S	5	7	S	10	cu	—	—
Portsmouth ...	29.892	+ .30	48	47	- 1	51	45	SSW	3	3	SW	7	c	—	3
Dover ...	29.962	+ .38	48	48	- 1	51	47	SW	4	4	WSW	6	bc	—	4
London ...	29.872	+ .35	46	45	- 2	53	42	SSW	4	6	SSW	7	bgc	—	—
Oxford...	29.822	+ .31	49	46	+ 3	50	41	S	5	6	S	10	co	—	—
Cambridge ...	29.872	+ .36	45	44	- 2	51	41	SW	2	2	SW	10	co	0.01	—
Yarmouth ...	29.952	+ .48	47	46	0	50	43	SSW	5	5	WSW	8	co	—	5
*Helder ...	30.02	+ .47	40	—	- 8	—	—	S	3	—	—	—	—	—	2
Cape Gris Nez...	29.952	+ .37	46	44	- 2	51	45	SSW	4	4	SSW	5	c	—	2
Brest ...	29.802	+ .18	52	47	+ 2	54	50	S	7	5	S	10	o	—	6
L'Orient ...	29.902	+ .23	50	50	+ 2	57	46	WSW	4	4	WSW	6	c	—	5
Rochefort ...	29.982	+ .33	47	45	- 3	—	45	S	4	4	S	10	bg	—	3
Biarritz ...	30.012	+ .34	50	45	- 4	53	46	S	5	5	NW	0	rb	0.08	5
*Corunna ...															
*Brussels ...	30.06	+ .41	50	—	- 4	—	—	SW	3	—	—	—	b	—	—
*Charleville ...	30.19	+ .44	42	—	- 6	—	—	SE	3	—	—	—	o	—	—
Paris ...	30.072	+ .37	42	42	- 6	56	37	S	1	4	SSW	10	mm	—	—
*Lyons...	30.10	+ .38	50	—	- 5	—	—	NE	3	—	—	—	o	—	—
Toulon...	30.112	+ .29	50	—	- 1	52	48	E	7	7	ESE	10	r	1.22	7

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

Skudesnaes ...	29.44	+ .30	42	41	- 2	—	—	SW	6	—	—	—	c	—	4
Thurso...	29.25	+ .18	37	36	- 2	—	—	SSW	1	2	SSW	6	com	—	2
Scarborough ...	29.62	+ .20	44	42	+ 1	—	—	SW	2	2	WSW	1	b	—	2
Greencastle ...	29.35	+ .07	44	42	+ 3	—	—	S	3	4	SSW	9	g	—	—
Holyhead ...	29.50	+ .13	48	47	+ 4	—	—	SSW	4	4	SSW	6	c	—	2
Valencia ...	29.33	- .02	49	48	+ 3	—	—	S	6	6	S	9	r	—	5
Scilly ...	29.63	+ .08	51	50	+ 3	—	—	SSW	5	5	SSW	7	c	—	6
London ...	29.71	+ .19	52	49	+ 4	—	—	WSW	2	2	SW	4	c	—	—
Rochefort ...	29.79	+ .14	57	52	+ 7	—	—	S	3	—	—	0	b	—	3

The barometer has recommenced falling at Valencia, but continues to rise briskly elsewhere.
The wind has freshened a little and the sea risen in the SW. Warnings issued to our W^{est} coasts.

EXPLANATION OF COLUMNS:

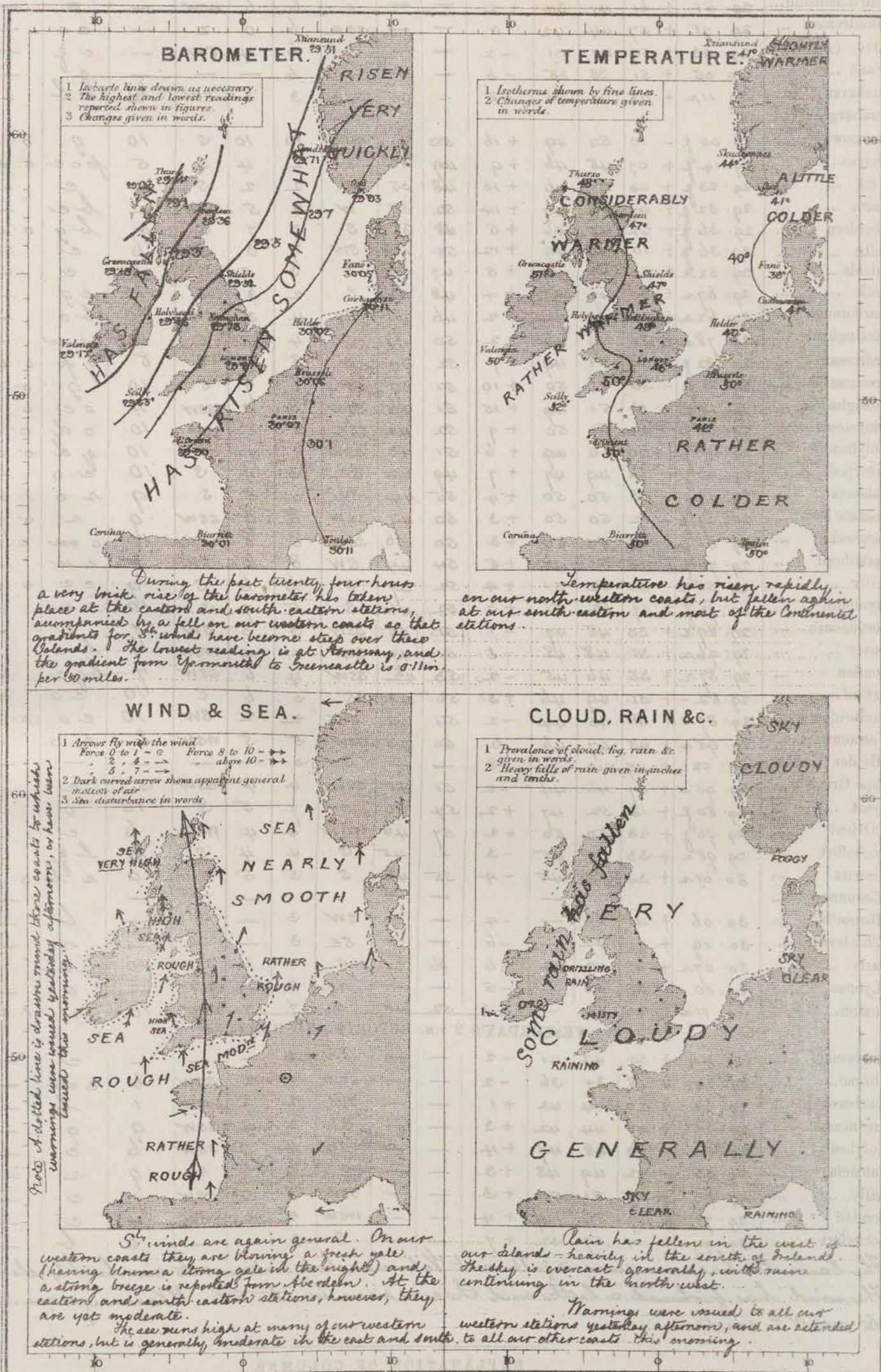
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail;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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS AND REMARKS FOR FRIDAY 27TH DEC^R 1872 AT 8 A.M.



Saturday 8 a.m.

WEATHER REPORT. DEC^r. 28th 1872.

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.				
*Christiansund...	29.54	+0.03	45	42	+4	—	—	E	2	0	2	—	b c	—	4
*Skudesnaes ...	29.78	+0.07	44	41	0	—	—	SSE	6	6	SSE	—	o	—	6
*Oxö (X'iansand)	29.96	+0.03	43	40	+2	—	—	SE	2	2	SE	—	f o	—	2
*Fanö ...	30.00	-0.05	33	31	-5	—	—	SSE	6	—	—	—	f c	—	—
Cuxhaven ...	30.03 f	-0.08	35	34	-6	47	—	SE	2	3	S	3	b	—	—
Sumburgh Head															
Stornoway (He- brides)	29.22 a	+0.19	46	45	-4	51	45	S	1	10	SSW	2	r b	0.06	7
Thurso...	29.28 a	+0.14	47	45	-1	51	44	S	2	5	S	8	o	—	2
Wick ...	29.31 a	+0.08	47	45	-1	50	45	SE	2	3	S	8	o	—	2
Nairn ...	29.36 a	+0.14	48	45	-4	55	45	Z	0	2	SSW	3	d b	0.06	1
Aberdeen ...	29.47 a	+0.21	47	46	0	49	46	S	5	7	SSW	8	o	—	3
Leith ...	29.52 a	+0.16	51	50	-2	56	49	WSW	3	3	S	8	c o	0.02	—
Shields...	29.59 a	+0.07	47	46	0	50	47	S	5	7	S	8	c w	0.01	3
York ...	29.64 a	-0.05	47	45	0	52	45	S	1	4	S	10	o	—	—
Scarborough ...	29.67 a	-0.03	45	44	0	42	43	SSW	2	4	SW	8	o	—	2
Nottingham ...	29.68 f	-0.10	50	48	+1	52	49	S	3	8	S	10	w r	—	—
Ardrossan ...	29.49 a	+0.17	49	47	-2	52	49	SSW	3	8	S	5	r c	0.63	4
Greencastle ...	29.41 a	+0.23	45	43	-6	52	44	SSW	5	7	S	3	d b	0.33	—
Donaghadee ...	29.45 a	+0.17	46	45	-5	52	46	SSW	5	8	SSW	2	o b	0.31	4
Kingstown ...	29.53 a	+0.16	48	45	-3	53	47	S	3	6	SSE	10	r f	0.22	2
Holyhead ...	29.60 a	+0.14	49	48	-1	52	47	SSW	1	8	S	10	r w	0.56	1
Liverpool (Bidston Obs.)	29.69 a	+0.06	48	47	-1	52	48	SE	3	6	SSE	10	o	0.05	2
Valencia ...	29.15 a	+0.28	44	42	-6	54	42	WSW	2	4	SSW	3	t b	0.05	3
Roche's Point...	29.44 a	+0.17	45	44	-5	50	43	W	1	8	SSW	8	r o	0.57	3
Pembroke ...	29.51 a	0.00	49	49	-1	57	48	S	1	9	S	10	r w	0.76	5
Portishead ...	29.57 f	-0.13	50	49	-1	52	47	S	5	7	WSW	10	g w	0.09	5
Scilly ...	29.50 a	-0.05	50	48	-2	52	49	Z	0	10	S	9	o	0.43	6
Plymouth ...	29.56 f	-0.16	51	51	-1	53	50	SSE	5	7	S	10	d r	0.64	—
Portsmouth ...	29.68 f	-0.21	49	48	+1	50	46	S	2	5	SSW	6	c	—	2
Dover ...	29.78 f	-0.18	48	47	0	50	46	S	5	5	SW	2	c w	—	4
London ...	29.71 f	-0.16	46	45	0	50	44	SSE	3	5	S	1	c b	—	—
Oxford...	29.68 f	-0.14	49	47	0	50	48	SE	2	6	S	10	o	—	—
Cambridge ...	29.71 f	-0.16	44	43	-1	49	44	SSE	2	3	SW	0	o b	—	—
Yarmouth ...	29.75 f	-0.20	46	45	-1	48	44	S	5	8	SSW	3	c b	—	5
*Helder ...	29.92	-0.10	40	—	0	—	—	SSE	3	—	—	—	—	—	—
Cape Gris Nez...	29.77 f	-0.18	47	43	+1	50	45	SSW	4	4	SSW	5	c	—	2
Brest ...	29.56 f	-0.24	53	53	+1	51	49	S	7	8	S	10	b r	0.47	5
L'Orient ...	29.62 f	-0.18	51	51	+1	57	46	S	4	7	—	8	o r	0.08	5
Rochefort ...	29.70 f	-0.28	48	46	+1	55	45	S	5	5	S	6	c	—	4
Biarritz ...	29.72 f	-0.29	55	48	+5	61	49	S	5	4	S	6	c f	—	5
*Corunna ...															
*Brussels ...	29.89	-0.17	50	—	0	—	—	S	—	—	—	—	b	—	—
*Charleville ...	29.81	-0.38	40	—	-2	—	—	SE	3	—	—	—	b	—	—
Paris ...	29.86	-0.21	42	40	0	46	39	SSE	4	4	S	10	o	—	—
*Lyons...	29.91	-0.19	48	—	-2	—	—	S	3	—	—	—	c	—	—
Toulon...	30.05 f	-0.06	51	51	+1	51	48	SSE	4	5	E	8	r	0.20	7

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

Skudesnaes ...	29.78	+0.07	44	43	0	—	—	SE	6	—	—	—	o	—	4
Thurso...	29.09	-0.05	51	48	+3	—	—	S	5	5	S	6	c	—	3
Scarborough ...	29.67	-0.03	46	45	+1	—	—	SW	4	4	SW	10	o	—	2
Greencastle ...	29.21	+0.03	48	47	-3	—	—	SSE	4	7	S	10	d	—	—
Holyhead ...	29.39	-0.07	50	49	0	—	—	S	7	7	SSW	10	r g	—	5
Valencia ...	29.14	-0.03	52	51	+2	—	—	SSW	4	4	SW	9	o	—	6
Scilly ...	29.47	-0.08	52	51	0	—	—	S	8	8	S	10	r	—	7
London ...	29.85	-0.02	50	47	+4	—	—	SSW	3	4	SSW	4	b c	—	—
Rochefort ...	30.01	+0.03	50	48	+3	—	—	S	5	—	—	10	o	—	3

The fall of the barometer noticed in the W this morning has now extended to all our coasts. A S^W gale has set in at Scilly, but elsewhere winds are very little changed.

EXPLANATION OF COLUMNS.

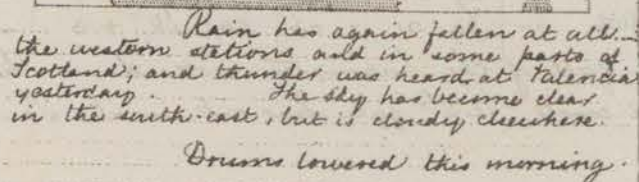
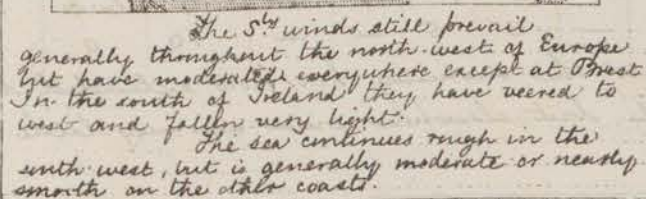
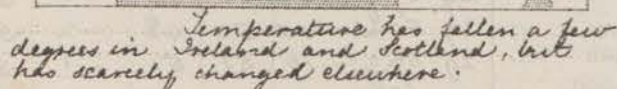
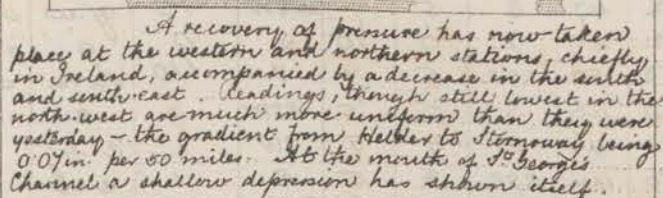
BAROME. R.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

SATURDAY 28TH DEC^R 1872 AT 8 A.M.



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

Sunday 8 a.m.

WEATHER REPORT. DEC^R 29TH 1872.

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 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.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.				
*Christiansund...	29.60	+06	42	41	-3	—	—	WSW	4	2	ENE	—	b o	—	5
*Skudeanaes ...	29.76	-02	41	40	-3	—	—	SSE	6	6	SSE	—	o	—	4
*Oxø (Xtiansand)	29.87	-09	36	36	-7	—	—	ESE	4	2	SE	—	o	—	3
*Fanø ...	29.91	-09	31	31	-2	—	—	S	6	—	—	—	g	—	—
Cuxhaven ...	29.942	-09	33	33	-2	—	30	S	2	3	SE	0	b	—	—
Sumburgh Head															
Stornoway (He- brides.)	29.342	+12	34	33	-8	46	32	W	2	8	S	1	b	0.05	2
Thurso...	29.662	+38	39	37	-8	48	38	SSW	1	4	SSW	5	o m	—	1
Wick ...	29.772	+46	37	34	-10	45	35	W	1	2	W	0	c b	—	0
Nairn ...	29.752	+39	39	37	-9	49	41	E	2	2	E	2	o b	—	1
Aberdeen ...	29.732	+26	40	39	-7	48	38	NW	1	5	S	8	o m	—	1
Leith ...	29.772	+25	41	40	-10	53	40	W	3	2	WSW	6	o c	—	—
Shields...	29.742	+15	44	43	-3	49	44	Z	0	5	S	9	o r	0.04	3
York ...	29.752	+11	43	43	-4	50	43	S	1	2	S	10	d r	0.14	—
Scarborough ...	29.782	+11	44	40	-1	49	43	NW	1	3	SSW	10	c f	0.02	2
Nottingham ...	29.772	+09	46	46	-4	52	44	S	1	4	S	10	g r	0.11	—
Ardrossan ...	29.812	+32	43	42	-6	50	40	NW	3	3	SSW	4	c	0.01	2
Greencastle ...	29.872	+46	38	36	-7	46	37	NW	1	5	SSW	2	c b	0.02	—
Donaghadee ...	29.822	+37	40	38	-6	46	40	NNW	3	3	NE	2	b	—	3
Kingstown ...	29.842	+31	41	40	-7	50	40	WNW	4	1	WINW	8	f m	—	4
Holyhead ...	29.742	+14	46	45	-3	51	45	N	3	5	SSW	7	r c	0.15	3
Liverpool (Bidston Obs.)	29.792	+10	43	42	-5	49	43	NW	2	3	SE	10	o r	0.76	3
Valencia ...	29.942	+49	43	41	-1	49	38	N	1	3	WSW	5	c	—	2
Roche's Point ...	29.962	+52	42	40	-3	50	39	NNW	3	3	NNW	7	c	—	3
Pembroke ...	29.772	+26	46	45	-4	49	43	NNW	3	4	NNW	10	d p	0.59	4
Portishead ...	29.732	+16	46	46	-4	52	44	NE	1	4	WSW	10	o g	0.04	1
Scilly ...	29.842	+34	47	45	-3	50	45	N	5	5	N	5	o c	0.02	6
Plymouth ...	29.722	+16	46	46	-5	51	45	NNW	2	5	S	10	o	0.30	—
Portsmouth ...	29.772	+09	49	48	0	50	46	SSW	2	3	S	5	c	0.02	2
Dover ...	29.832	+05	47	45	-1	51	46	S	1	3	S	3	b	—	3
London ...	29.772	+06	47	45	+1	51	44	S	2	3	SSE	6	b c	—	—
Oxford...	29.742	+06	48	47	-1	50	47	SSE	1	2	SE	10	o	0.01	—
Cambridge ...	29.772	+06	45	43	+1	50	42	SSE	1	1	SSE	10	c o	—	—
Yarmouth ...	29.772	+02	45	44	-1	47	43	SSW	3	5	S	4	c	—	3
*Helder ...															
Cape Gris Nez...	29.812	+04	48	46	+1	54	46	S	3	4	SSW	5	b c	—	2
Brest ...	29.822	+26	48	46	-5	53	42	NW	3	5	N	10	r o	0.51	5
L'Orient ...	29.802	+18	46	46	-5	57	45	NW	3	4	S	8	r o	0.24	7
Rochefort ...	29.772	+07	47	45	-1	54	46	S	4	5	S	6	f c	—	13
Biarritz ...	29.822	+10	48	46	-7	57	46	SW	4	7	S	6	o c	—	7
*Corunna ...	29.92	—	50	—	—	—	—	SW	6	—	—	—	c	—	2
*Brussels ...	30.02	+13	49	—	-1	—	—	SSW	3	—	—	—	b	—	—
*Charleville ...	29.98	+07	40	—	0	—	—	ENE	3	—	—	—	c	—	—
Paris ...	29.862	00	42	40	0	55	41	SE	—	4	SW	10	c o	—	—
*Lyons...	29.88	-03	50	—	+2	—	—	NE	—	—	—	—	—	—	—
Toulon...	30.002	-05	57	51	2	51	50	SSE	5	4	SSE	8	f r	0.36	7

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

Skudesnaes ...	29.81	+03	45	43	+1	—	—	WSW	2	—	—	—	o	—	6
Thurso...	29.38	+10	47	42	0	—	—	SSW	3	3	S	7	c	—	2
Scarborough ...	29.65	-02	47	46	+2	—	—	SSW	3	3	SSW	7	c	—	3
Greencastle ...	29.54	+13	45	44	0	—	—	SW	1	5	SSW	5	c	—	—
Holyhead ...	29.55	-05	50	49	+1	—	—	SSW	1	1	SSW	10	m	—	2
Valencia ...	29.57	+12	47	45	+3	—	—	WNW	2	2	WSW	5	c	—	2
Scilly ...	29.53	+03	48	47	-2	—	—	NNE	1	1	NNE	10	o	—	7
London ...	29.74	+03	51	48	+5	—	—	SSE	2	3	SSE	6	m c	—	—
Rochefort ...	29.69	-01	54	49	+6	—	—	S	5	—	—	6	c	—	4

The barometer continues to rise in Ireland and Scotland, but elsewhere the changes have been slight and irregular. The wind is very light generally.

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

Monday 8 a.m.

WEATHER REPORT. DEC^r 30th 1872.

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.				
*Christiansund...	29.88	+28	36	35	-6	—	—	Z	0	4	SW	—	oc	—	5
*Skudesnaes ...	29.95	+19	35	34	-6	—	—	ENE	4	0	Z	—	rob	—	3
*Oxö (X' Hansand)	29.95	+08	36	35	0	—	—	N	2	2	SSE	—	gc	—	2
*Fanö ...	30.00	+09	39	39	+8	—	—	SSW	6	—	—	—	o	—	—
Cuxhaven ...	30.052	+11	40	40	+7	—	31	SSW	1	2	S	5	c	—	—
Sumburgh Head															
Stornoway (He- brides.)	29.638	+29	38	36	+4	38	29	SSW	6	6	SSW	3	f	0.01	4
Thurso...	29.742	+08	33	31	-6	39	29	SSW	1	3	WNW	4	bc	—	1
Wick ...	29.748	-03	38	34	+1	40	32	S	1	1	W	5	bc	—	1
Nairn ...	29.788	+03	35	34	-4	40	31	E	1	1	E	1	b	—	1
Aberdeen ...	29.828	+09	34	32	-6	42	29	S	1	1	NW	9	boom	—	1
Leith ...	29.872	+10	29	29	-12	47	26	W	2	3	W	1	b	—	—
Shields...	29.872	+13	41	40	-3	45	40	NW	1	2	NW	9	ew	—	2
York ...	29.892	+14	41	40	-2	50	39	W	1	1	S	10	rg	0.34	—
Scarborough ...	29.872	+09	44	44	0	46	42	S	1	1	N	10	f	0.15	1
Nottingham ...	29.892	+12	44	42	-2	50	43	Z	0	2	S	10	rg	0.14	—
Ardrossan ...	29.888	+04	32	30	-11	45	31	ENE	2	3	NW	4	bm	—	2
Greencastle ...	29.742	-13	38	36	0	41	34	SSW	5	5	SSW	9	co	—	—
Donaghadee ...	29.818	-01	35	34	-5	41	31	S	2	3	—	5	bc	—	2
Kingstown ...	29.842	00	39	38	-2	44	36	SSE	1	4	WNW	8	bo	—	2
Holyhead ...	29.872	+13	35	34	-11	49	34	Z	0	3	N	5	bm	—	0
Liverpool (Bidston Obs.)	29.932	+14	39	38	-4	45	39	WNW	2	3	NW	9	o	0.02	1
Valencia ...	29.698	-25	46	45	+3	48	40	S	6	6	S	9	co	0.28	6
Roche's Point...	29.802	-16	42	40	0	48	36	SSW	6	6	SSW	7	c	—	4
Pembroke ...	29.908	+13	44	41	-2	48	42	S	4	5	N	7	cn	—	3
Portishead ...	29.942	—	42	41	—	50	40	WNW	2	5	NW	8	po	0.08	3
Scilly ...	29.938	+09	45	43	-2	48	43	SSW	4	5	NNE	7	c	—	5
Plymouth ...	29.922	+20	41	41	-5	48	40	Z	0	2	NW	10	of	0.02	—
Portsmouth ...	29.962	+19	45	44	-4	50	44	W	1	3	SSW	9	cf	—	1
Dover ...	29.978	+14	47	46	0	49	45	SSW	4	3	WSW	5	bm	—	3
London ...	29.922	+15	46	45	-1	50	42	SSW	1	2	S	10	edo	0.01	—
Oxford...	29.942	+20	44	43	-4	52	44	SW	1	1	SSE	10	o	0.01	—
Cambridge ...	29.862	+09	44	43	-1	50	40	SW	1	1	SSE	10	o	—	—
Yarmouth ...	29.892	+12	46	45	+1	47	42	SSW	4	4	SW	5	c	—	3
*Heider ...	29.97	—	43	—	—	—	—	S	3	—	—	—	—	—	2
Cape Gris Nez...	29.982	+17	42	40	-6	53	40	SSW	3	3	S	8	co	—	2
Brest ...	30.032	+21	47	47	-1	51	43	SSW	3	3	N	10	co	—	4
L'Orient ...	30.042	+24	41	41	-5	52	39	Z	0	3	NNW	6	c	—	4
Rochefort ...	30.032	+26	46	44	-1	49	45	S	4	5	S	10	er	0.24	3
Biarritz ...	30.112	+29	46	44	-2	51	42	S	3	4	NW	8	o	—	5
*Corunna ...															
*Brussels ...	30.06	+04	48	—	-1	—	—	SSW	—	—	—	—	b	—	—
*Charleville ...	30.11	+13	40	—	0	—	—	E	1	—	—	—	c	—	—
Paris ...	30.052	+19	38	38	+8	50	36	S	—	1	SSE	10	om	—	—
*Lyons...	30.00	+12	51	—	+1	—	—	S	3	—	—	—	r	—	—
Toulon...	30.132	+13	53	53	+2	55	50	SE	4	5	SSW	9	ro	0.71	6

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

Skudesnaes ...	29.70	-06	41	41	0	—	—	S	6	—	—	—	ro	—	4
Thurso...						—	—	—	—	—	—	—	—	—	—
Scarborough ...						—	—	—	—	—	—	—	—	—	—
Greencastle ...						—	—	—	—	—	—	—	—	—	—
Holyhead ...						—	—	—	—	—	—	—	—	—	—
Valencia ...						—	—	—	—	—	—	—	—	—	—
Scilly ...						—	—	—	—	—	—	—	—	—	—
London ...						—	—	—	—	—	—	—	—	—	—
Rochefort ...	29.80	+03	53	49	+6	—	—	S	5	—	—	4	c	—	3

EXPLANATION OF COLUMNS.

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

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

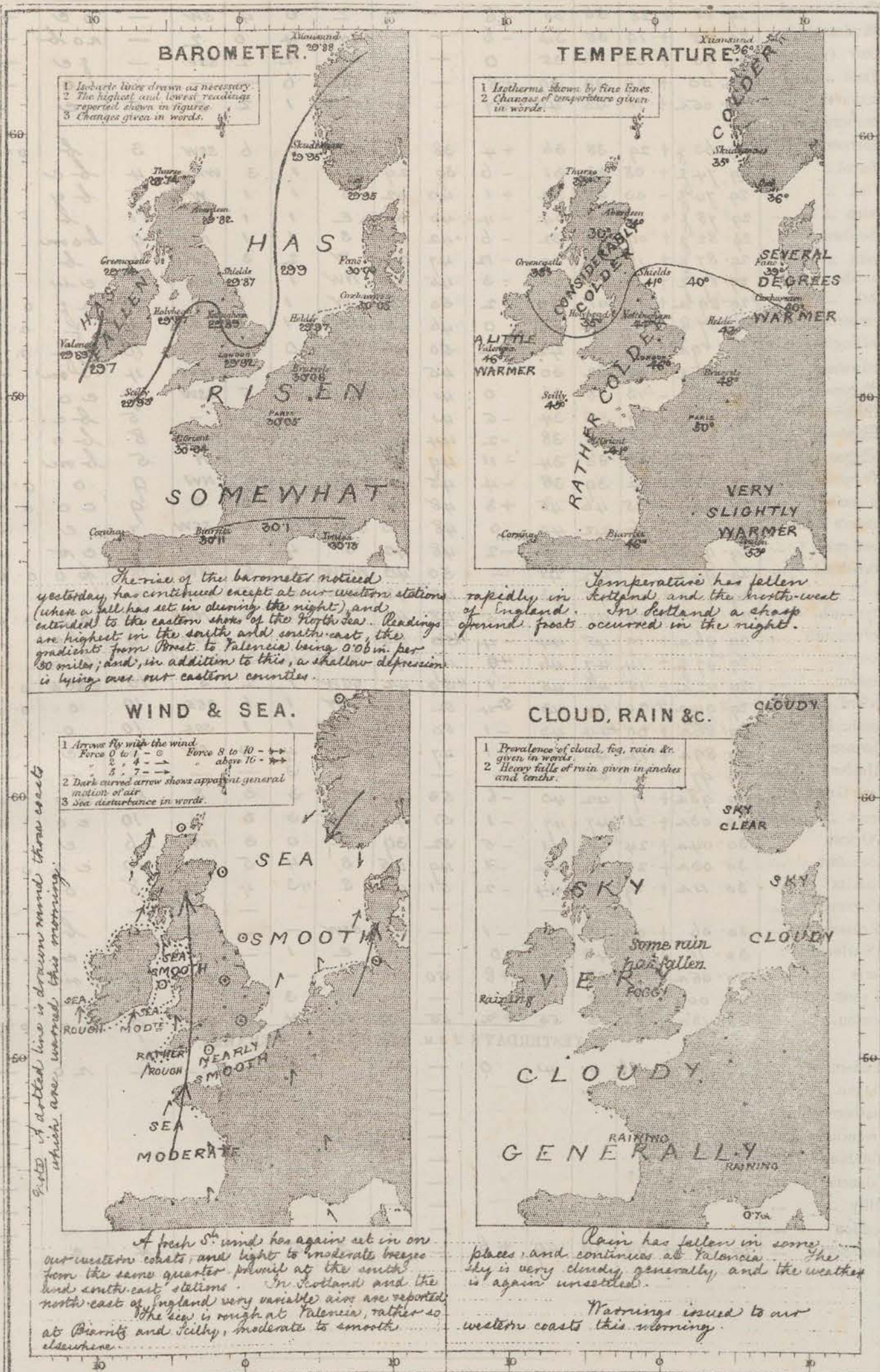
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

WEATHER CHARTS

AND REMARKS FOR

MONDAY 30TH DEC^R 1872 AT 8 A.M.



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^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

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

Tuesday 8 a.m.

WEATHER REPORT. Dec 31st 1872.

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.				
*Christiansund...	29.71	-.17	37	-	+1	-	-	ESE	6	4	ESE	-	b o	-	4
*Skudesnaes ...	29.78	-.17	42	40	+7	-	-	SSE	4	4	E	-	o c	-	3
*Oxø (Xmasand)	29.89	-.06	36	36	0	-	-	E	4	4	N	-	o f	-	3
*Fanø ...	29.95	-.05	39	39	0	-	-	SSW	6	-	-	-	f o	-	-
Cuxhaven ...	30.01	-.04	44	44	+4	-	37	SSW	2	2	SW	-	o	0.04	-
Sumburgh Head															
Stornoway (Hebrides.)	29.16	-.47	44	43	+6	45	37	SSE	5	9	-	10	sd	0.18	5
Thurso...	29.28	-.46	41	39	+8	41	32	SSE	5	5	SSE	8	o	-	3
Wick ...	29.33	-.41	43	42	+10	43	32	S	3	5	S	8	c f	-	2
Nairn ...	29.30	-.48	41	40	+6	42	34	SE	4	4	SE	3	c f	-	2
Aberdeen ...	29.39	-.43	43	41	+9	43	34	S	7	7	S	10	er g	0.08	4
Leith ...	29.36	-.51	41	40	+12	45	28	S	4	3	SW	8	c o	-	-
Shields...	29.46	-.41	44	43	+3	-	39	S	6	5	SSW	8	c w f	0.02	3
York ...	29.52	-.37	43	42	+2	45	36	S	3	4	S	10	g	0.01	-
Scarborough ...	29.55	-.32	43	42	-1	45	35	SSW	5	4	SW	10	f o	0.05	4
Nottingham ...	29.64	-.25	46	44	+2	46	36	SSE	5	5	SE	10	w r	0.01	-
Ardrossan ...	29.30	-.55	46	44	+14	48	32	SSE	5	7	SSE	7	c	0.09	4
Greencastle ...	29.25	-.49	45	43	+7	46	37	SSW	5	16	S	4	g c	0.01	-
Donaghadee ...	29.29	-.52	43	42	+8	46	35	S	2	7	S	2	c b	0.18	2
Kingstown ...	29.35	-.49	46	44	+7	48	38	S	3	16	S	9	w	0.10	4
Holyhead ...	29.39	-.48	49	48	+14	49	34	SSW	5	8	S	7	c t p	0.12	5
Liverpool (Bidston Obs.)	29.52	-.41	47	44	+8	47	37	SW	4	5	SE	8	c o	-	3
Valencia ...	29.28	-.41	47	46	+1	53	45	SW	3	7	S	6	r c	0.62	4
Roche's Point...	29.36	-.44	43	42	+1	49	40	SW	3	7	SSW	9	r	0.75	4
Pembroke ...	29.47	-.43	48	48	+4	48	43	SSW	5	9	SSW	8	g o	0.33	7
Portishead ...	29.60	-.34	46	45	+4	48	42	WSW	4	8	SW	4	c w g	0.29	4
Scilly ...	29.53	-.40	48	48	+3	50	44	SSW	5	7	SSE	6	o c	0.44	6
Plymouth ...	29.59	-.33	48	48	+7	49	40	SW	4	7	SW	4	r c	0.34	-
Portsmouth ...	29.72	-.24	47	47	+2	48	43	SW	5	16	SW	9	c r	0.12	4
Dover ...	29.85	-.12	46	45	-1	48	42	SSW	6	4	SW	5	b w	-	5
London ...	29.74	-.18	47	45	+1	47	37	SSW	4	5	SSW	10	c b r	-	-
Oxford...	29.67	-.27	46	45	+2	47	41	SSW	6	7	SW	10	o	0.04	-
Cambridge ...	29.74	-.12	44	42	0	46	36	SSE	2	2	SSE	10	o	-	-
Yarmouth ...	29.77	-.12	45	44	-1	46	39	SSW	5	6	SW	7	r g	0.02	5
*Helder ...	29.94	-.03	44	-	+1	-	-	SSW	5	-	-	-	-	-	2
Cape Gris Nez...	29.85	-.13	43	41	+2	47	40	S	4	3	SSW	5	c	-	3
Brest ...	29.68	-.35	50	48	+2	51	44	SW	7	9	SSW	10	o r	0.24	6
L'Orient ...	29.76	-.28	48	48	+7	52	40	SW	8	8	SW	10	r	0.08	7
Roche fort ...	29.93	-.10	46	42	0	50	43	S	5	3	SW	6	c	-	4
Biarritz ...	30.03	-.08	53	49	+7	54	46	S	5	4	SW	5	c	-	3
*Corunna ...															
*Brussels ...	30.00	-.06	43	-	-5	-	-	SSW	3	-	-	-	b	-	-
*Charleville ...	30.11	.00	41	-	+1	-	-	SE	3	-	-	-	c	-	-
Paris ...	30.01	-.04	38	38	0	46	37	S	1	4	S	9	m o	0.04	-
*Lyons...	30.05	+0.05	56	-	+5	-	-	SW	3	-	-	-	c	-	-
Toulon...	30.26	+0.13	50	50	-3	55	48	SE	4	5	SE	7	f	-	6

YESTERDAY'S 2 P.M. REPORTS AND REMARKS

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

Skudesnaes ...	29.91	-.04	37	34	+2	-	-	ENE	4	-	-	-	c	-	3
Thurso...	29.64	-.10	36	34	+2	-	-	S	2	2	S	6	c m	-	2
Scarborough ...	29.84	-.03	44	43	0	-	-	WSW	1	1	SW	9	f g	-	1
Greencastle ...	29.60	-.14	42	41	+4	-	-	S	6	6	S	10	g	-	-
Holyhead ...	29.78	-.09	44	42	+9	-	-	S	3	3	SW	7	c	-	1
Valencia ...	29.54	-.15	49	49	+3	-	-	SSW	6	6	S	9	r	-	5
Scilly ...	29.84	-.09	50	48	+5	-	-	SSW	5	5	SSW	7	c	-	5
London ...	29.96	+0.04	47	44	+1	-	-	WSW	2	3	WSW	4	g o c	-	-
Roche fort ...	30.07	+0.04	49	47	+3	-	-	SW	3	-	-	6	c	-	3

The barometer has continued to fall briskly at the W and N stations, while in London and at Roche fort it has risen slightly. The wind is freshening from S on our W coasts generally, with a rough sea, & the sea thus 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; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.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.

*The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8

Sea
Disturb
ance.
—
0 to 9.



1

1



6

6

is the
t. hall
areng

is the
t. hall
arenc

is $\frac{1}{2}$ of the total

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR DECEMBER 1872

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 Disur- ance. 0 to 9.	
		At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours		At 8 A.M.		Extremes.					
				Dry bulb.	Wet bulb.		Max.	Min.	Dirco.	Force. (0 to 12.)	Force. (0 to 12.)					Dirco.
1st	Lisbon H ²	29.15	.00	43	43	-1	45	40	E	9	9	E	10	bc	0.44	7
	Stornoway	28.95	-	44	43	-	45	43	E	4	4	E	5	bc	-	3
2.	Lisbon H ²	29.68	+ .53	41	38	-2	-	-	E	8	9	E	10	rg	0.19	6
"	S. Orient	29.38	+ .33	45	45	-3	55	45	ESE	4	5	SE	7	to	0.08	4
"	Comuna	29.49	-	50	-	-	-	-	NW	-	-	-	10	cp	-	-
"	Paris	29.50	+ .25	44	44	-2	49	38	2S	-	7	S	10	o	0.04	-
3.	Lisbon H ²	29.78	+ .10	37	35	-4	41	33	NNE	7	7	NNE	8	co	-	5
4	Lisbon H ²	29.84	+ .06	35	33	-2	39	30	N	3	7	NNE	4	c	-	3
"	Comuna	30.00	-	49	-	-	-	-	NW	6	-	-	-	cr	-	0
5.	Lisbon H ²	29.71	- .13	37	35	+2	39	32	S	3	3	N	4	c	-	3
6.	Lisbon H ²	28.93	- .78	43	43	+6	45	35	E	8	8	E	10	rd	0.40	7
7.	Lisbon H ²	28.75	- .18	43	43	0	45	38	SSW	6	8	E	10	n	0.63	5
"	Brest	29.70	- .07	50	46	-2	55	49	NW	5	9	NW	9	ro	0.47	5
"	Comuna	30.16	-	54	-	-	-	-	NW	6	-	-	-	o	-	5
"	Paris	29.42	- .24	46	44	+2	51	45	W	5	9	S	10	ro	0.32	-
8.	Lisbon H ²	29.00	- .19	34	32	+1	-	-	ENE	2	2	ENE	-	cb	-	2
"	Lisbon H ²	28.69	- .06	42	41	-1	44	40	WNW	3	6	S	5	re	0.33	3
"	Valencia	29.21	- .30	46	46	-2	52	48	N	8	7	N	9	ls	0.43	7
"	Rock's Pt	29.37	- .13	45	44	+1	49	39	SW	4	5	WNW	9	pl	0.18	3
"	Pembroke	29.51	- .09	48	44	+1	49	43	WSW	7	7	N	9	go	0.09	5
9.	Lisbon H ²	28.79	+ .10	44	43	+2	44	39	S	1	4	WNW	6	fp	0.14	2
"	Valencia	29.16	- .05	46	45	0	50	40	NW	9	11	NW	9	rw	0.84	8
"	Rock's Pt	29.11	- .26	42	40	-3	49	37	WNW	4	10	S	4	tlc	1.02	3
"	Pembroke	29.07	- .44	45	41	-3	49	40	WSW	8	12	WSW	8	og	0.90	6
"	Filly	29.28	- .35	46	43	-3	-	40	W	6	11	WSW	7	thg	0.41	7
"	Comuna	29.93	-	59	-	-	-	-	W	-	-	-	-	og	-	5
10.	Lisbon H ²	29.19	+ .40	38	35	-6	42	35	ENE	4	4	E	4	cb	0.03	5
"	Rock's Pt	29.36	- .28	52	50	0	52	48	W	9	11	W	10	n	1.42	6
11	Lisbon H ²	29.46	+ .27	32	32	-6	39	28	N	5	6	NNE	6	s	-	4
"	Rock's Pt	29.39	+ .03	45	41	-7	55	41	W	1	11	W	10	ro	0.55	2
"	Comuna	29.81	-	50	-	-	-	-	SW	6	-	-	-	cp	-	-
12.	Lisbon H ²	29.59	+ .13	30	30	-2	32	24	N	7	6	N	6	sp	0.05	5
13.	Lisbon H ²	29.58	- .01	35	33	+5	36	26	S	3	7	N	5	c	-	4
"	Comuna	30.28	-	48	-	-	-	-	SW	3	-	-	-	c	-	2
"	2 new Scarborough	29.59	- .14	35	34	+3	-	-	SW	2	2	SW	10	g	-	2
14.	Lisbon H ²	29.63	- .05	37	37	+2	37	33	SE	7	3	S	10	or	0.40	5
15.	Lisbon H ²	30.05	+ .52	37	36	0	39	34	NE	5	7	SE	5	re	0.29	4
16.	Lisbon H ²	29.82	- .23	38	38	+1	41	36	SSE	5	15	NE	7	cg	-	5
"	2 new Skudenes	30.11	+ .04	23	22	+1	-	-	L	0	-	-	-	b	-	2
17.	Lisbon H ²	30.10	+ .03	21	20	-2	-	-	SE	6	2	ESE	-	bc	-	3
"	Skudenes	30.10	+ .03	24	22	+2	-	-	SE	6	0	L	-	bc	-	3
"	Oxö	30.08	- .02	24	23	+3	-	-	NE	6	4	NNE	-	s	-	4
"	Paris	29.90	- .05	29	28	+4	-	-	ENE	6	-	-	-	c	-	-
"	Lisbon H ²	29.83	+ .01	35	34	-3	41	33	E	7	6	E	8	rs	0.07	7
"	Thurso	29.66	- .04	35	32	-2	41	35	ESE	5	7	SSE	9	ggp	0.01	3
"	Wick	29.70	- .04	38	36	-4	42	35	SE	5	7	SSE	10	go	0.01	5
"	Gairn	29.61	- .11	35	34	+3	50	30	SSE	3	6	SSE	10	od	0.02	2
"	Aberdeen	29.61	- .20	38	35	-1	41	36	SE	8	9	S	10	prg	0.09	8
"	Leith	29.47	- .30	36	36	-1	41	35	SE	4	3	S	10	ox	0.23	-
"	Shields	29.36	- .46	37	37	-3	42	36	ESE	8	9	SE	9	n	0.46	7
"	Gairn	29.26	- .59	36	36	+4	40	32	ESE	2	5	SE	10	per	0.87	-
"	Scarboro'	29.28	- .57	38	38	-2	42	34	SE	10	9	ESE	10	or	0.53	7
"	Comuna	30.24	-	50	-	-	-	-	NW	6	-	-	-	o	-	5
"	2 new Skudenes	30.07	- .03	28	24	+4	-	-	E	6	-	-	-	b	-	3
18.	Lisbon H ²	30.21	+ .11	24	22	+3	-	-	SSE	4	2	ESE	-	bc	-	3
"	Skudenes	30.21	+ .11	23	20	-1	-	-	-	6	6	FSE	-	bc	-	3
"	Oxö	30.27	+ .19	21	20	-3	-	-	NE	9	8	N	-	s	-	7
"	Paris	29.93	+ .03	31	28	+2	-	-	ESE	9	-	-	-	c	-	-
"	Lisbon H ²	30.03	+ .20	34	32	-1	36	31	E	6	7	E	8	ps	0.04	7
"	Comuna	30.24	.00	50	-	0	-	-	SW	6	-	-	-	o	-	5
19.	Lisbon H ²	30.20	- .01	23	21	+1	-	-	ESE	2	2	ESE	-	b	-	2
"	Skudenes	30.20	- .01	27	23	+4	-	-	E	6	6	ENE	-	ob	-	3
"	Oxö	30.20	- .07	23	23	+2	-	-	NE	8	6	NE	-	s	-	6
"	Paris	29.96	+ .02	30	30	-1	-	-	ESE	8	-	-	-	o	-	-
"	Lisbon H ²	29.97	- .06	36	36	+2	36	30	E	6	7	E	8	ps	0.04	7

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

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.		Extremo.					
				Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.				
19.	Thurso	29.748	-13	40	39	-6	41	35	ESE	9	6	ESE	9	2	0.50	6
"	Wick	29.798	-11	41	40	+4	41	35	SE	7	7	ESE	10	20	0.20	7
"	Cornwall	30.04	-20	50	-	0	-	-	SW	6	-	-	-	0	-	5
20.	Sumburgh H ²	29.932	-04	36	35	0	38	33	E	6	6	E	9	0	0.07	7
"	Cornwall	29.88	-16	52	-	+2	-	-	W	6	-	-	-	0	-	2
21.	St. Andrews	30.14	-01	23	21	+2	-	-	ESE	2	2	ESE	-	0	-	2
"	Skidswall	30.13	+01	25	22	0	-	-	ESE	6	6	SE	-	0	-	3
"	Orsoy	30.13	-04	24	22	+1	-	-	NE	6	6	NE	-	50	-	4
"	Faris	29.98	-02	29	28	+1	-	-	E	6	-	-	-	0	-	6
"	Sumburgh H ²	29.932	00	35	33	-1	36	31	E	6	6	E	7	0	-	6
"	Cornwall	29.73	-15	54	-	+2	-	-	SW	6	-	-	-	0	-	4
22.	Sumburgh H ²	30.042	+14	35	34	0	37	32	E	6	6	E	9	0	-	6
"	Stornoway	29.798	+12	41	40	0	52	38	SE	6	7	SE	9	SW	-	6
"	Orsoy	29.882	+19	38	36	0	40	37	E	2	6	E	6	0	0.02	2
"	Cornwall	29.94	+21	54	-	0	-	-	S	1	-	-	-	0	-	5
23.	Sumburgh H ²	29.772	-90	45	45	+10	45	32	SSW	6	6	E	10	0	0.76	7
"	Cornwall	29.77	-17	52	-	-2	-	-	S	6	-	-	-	0	-	2
"	Paris	29.882	-14	40	40	-8	54	40	SSE	1	1	S	0	0	-	-
24.	Sumburgh H ²	29.005	-17	44	43	-1	47	42	SSW	5	6	ESE	7	0	0.05	4
"	Orsoy	29.282	-40	54	52	0	55	49	SSW	7	7	S	10	0	-	6
"	Paris	29.612	-27	38	38	-2	53	36	S	1	1	S	3	0	-	-
25.	Sumburgh H ²	28.662	-34	44	43	0	46	41	ESE	6	5	SSW	10	0	0.20	6
26.	Sumburgh H ²	28.952	+29	41	39	-3	46	39	W	8	5	W	5	0	-	5
"	Cornwall	-	-	50	-	-	-	-	S	6	-	-	-	0	-	2
27.	Sumburgh H ²	29.242	+29	46	46	+5	47	37	SSW	6	5	W	10	0	-	7
28.	Sumburgh H ²	29.402	+16	46	46	0	47	43	S	7	8	SSW	10	2	0.15	7
"	Cornwall	29.69	-	54	-	-	-	-	SW	16	-	-	-	0	-	5
29.	Sumburgh H ²	29.592	-19	41	40	-5	47	40	W	5	7	SSW	-	0	-	4
30.	Sumburgh H ²	29.762	+11	40	38	-1	47	36	S	6	5	W	5	0	-	5
31.	Sumburgh H ²	29.478	-23	43	43	+3	45	38	SE	7	7	SE	8	9	-	6
CORRECTIONS. (2)																
1.	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20	-
3.	Rotterdam	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
"	Valencia	-	-	-	-	-	49	-	-	-	-	-	-	-	-	-
4.	Thurso	29.882	+09	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Leith	-	-	34	32	-7	-	25	-	-	-	-	-	-	-	-
5.	Holyhead	-	-	-	39	-	-	-	-	-	-	-	-	-	-	-
6.	Aberdeen	29.862	-98	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Rotterdam	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-
"	Leith	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-
"	Holyhead	-	-	-	-	-	-	39	-	-	-	-	-	-	-	-
9.	Pennecastle	-	-	-	-	-	-	-	-	-	-	-	-	0.9	-	-
10.	Kingstown	29.072	+06	-	-	-	-	-	-	-	-	-	-	-	-	-
11.	Pennecastle	-	-	41	40	+2	-	-	-	-	-	-	-	-	-	-
12.	Kingstown	-	+44	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-
12.	Holyhead	29.932	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Orford	-	-	-	-	-	41	-	-	-	-	-	-	-	0.02	-
13.	Orford	-	-	-	-	-	-	33	-	-	-	-	-	-	-	-
14.	Holyhead	-	-	-	-	-	53	-	-	-	-	-	-	0.0	-	-
15.	Grayscastle	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
16.	Thurso	-	-	36	35	+1	-	-	-	5	-	-	-	-	-	-
18.	Cambridge	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
19.	Shields	-	-	-	-	-	-	-	-	-	-	-	2	0.2	-	-
20.	Wick	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-
21.	Thurso	-	-	-	-	-	-	-	S	-	-	-	-	-	-	-
22.	Yok	-	-	-	-	-	-	-	-	-	-	SSE	-	-	-	-
23.	Yok	28.918	-26	-	-	-	-	-	-	-	-	-	-	-	-	-
24.	Scarbro'	29.702	+28	-	-	-	-	-	-	-	-	-	-	-	-	-
25.	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
26.	Yok	29.892	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27.	Stornoway	-	-	-	-	-	-	-	-	-	-	SSW	-	9d	-	-
28.	Shields	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-

Meteorological Office,
116, Victoria Street,

London.

ROBERT H. SCOTT,
Director.

The Reports are forwarded promptly by the general night mail daily, but the Post Office Authorities Reserve to themselves power to delay Book Post parcels when necessary. The only exception which has occurred was on the 21st Jan^r when the lithography was delayed.