

13804

METEOROLOGICAL OFFICE.

---

DAILY WEATHER REPORTS.

---

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

1874.



Thurs. day 8 a.m.

## WEATHER REPORT.

Oct: 1<sup>st</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. — (0 to 12.)	Force. — (0 to 12.)					Dirac.
Haparanda ...	29.77	- .03	50	50	+2	*	*	SW	2	2	SW	*	f	*	*
Hernösand ...	29.76	- .05	47	46	-1	*	*	Z	0	2	?	*	fb	*	*
Stockholm ...	29.86	- .05	54	51	-3	*	*	?	?	2	SW	*	b	*	*
Wisby ...	30.02	- .04	54	53	-4	*	*	S	2	2	NE	*	cb	*	*
Christiansund ...	29.69	+ .13	51	44	-4	*	*	ESE	2	2	SSW	*	c	*	3
Skudesnaes ...	29.71	- .07	53	49	-1	*	*	SE	6	6	SE	*	bo	*	4
Oxö (X'tiansand) ...	29.81	- .02	46	45	-9	*	*	?NNE	4	2	NN	*	b	*	2
Skagen (The Skaw) ...						*	*				*	*		*	*
Fanö ...						*	*				*	*		*	*
Cuxhaven ...	29.775	- .17	61	59	+2	70	?	S	2	2	NSW	2	cb	-	*
Sumburgh Head ...	29.385	- .05	51	49	+2	53	49	S	6	7	S	9	go	-	5
Sornoway (Hebrides) ...	29.375	+ .07	46	45	0	51	43	SW	1	9	SW	1	rgb	0.27	5
Thurso ...	29.415	- .01	49	46	+2	55	46	S	3	5	SSW	6	c	-	2
Wick ...	29.425	- .04	51	46	+1	55	49	N	3	6	N	10	co	-	2
Nairn ...	29.455	- .00	49	45	0	55	48	Z	0	4	NSW	7	bc	-	1
Aberdeen ...	29.495	- .05	48	46	-1	56	46	SSW	1	4	S	9	bo	-	1
Leith ...	29.525	- .08	47	46	-1	60	46	NNW	1	4	SW	10	do	-	*
Shields ...	29.505	- .18	47	47	-2	57	47	N	4	4	SW	8	cr	0.24	2
York ...	29.505	- .26	46	46	-3	61	46	NNW	2	2	S	10	cr	0.40	*
Scarborough ...	29.455	- .30	51	50	0	59	50	NNW	3	3	SSW	10	cq	0.54	3
Nottingham ...	29.445	- .34	52	52	0	65	51	N	4	4	S	10	cq	0.23	*
Ardrossan ...	29.505	- .04	47	45	-4	57	46	NE	1	5	SW	5	c	-	0
Greencastle ...	29.525	+ .03	47	46	0	53	44	NSW	2	7	SSW	3	c	-	*
Donaghadee ...	29.525	- .04	42	41	-4	56	40	NSW	2	5	SSE	3	c	-	1
Kingstown ...	29.565	- .07	46	44	-3	58	45	NNW	5	?	NSW	4	cm	-	4
Holyhead 7 a.m. (Bidston Obs.) ...	29.505	- .16	51	49	+1	56	48	?	2	4	SSW	6	pc	0.07	2
Liverpool ...	29.535	- .17	47	46	-1	59	46	N	3	4	N	10	cr	0.40	2
Valencia ...	29.685	- .06	53	49	+2	58	45	NNW	3	4	NSW	6	pc	0.04	3
Roche's Point ...	29.595	- .06	48	46	-2	58	43	NN	4	4	N	6	c	-	3
Pembroke ...	29.495	- .21	50	49	-3	58	48	N	3	2	N	10	cr	0.25	1
Portishead ...	29.415	- .33	58	56	+3	66	51	SSW	4	7	NE	7	qr	0.85	2
Scilly ...	29.485	- .25	50	50	-3	60	49	NNE	7	7	NNE	9	cr	1.05	6
Plymouth ...	29.415	- .36	55	55	+1	61	50	Z	0	4	S	10	rm	1.12	*
Hurst Castle ...	29.485	- .33	60	57	+2	64	52	SW	5	7	SSE	3	tb	0.26	5
Dover ...	29.505	- .35	62	59	+6	63	55	SSW	4	3	SW	7	tur	0.53	4
London ...	29.505	- .32	59	56	+4	67	55	S	3	4	S	10	clo	0.45	*
Oxford ...	29.44	- .35	58	55	+7	63	51	SSW	3	4	SSW	9	o	0.18	*
Cambridge ...	29.485	- .32	59	58	+5	64	51	S	1	1	S	10	ctu	0.39	*
Yarmouth ...	29.505	- .36	61	60	+2	62	52	S	4	5	E	4	rtm	0.66	5
Helder ...	29.60	- .25	61	*	+2	*	*	S	5	*	*	*	*	*	2
Cape Gris Nez ...	29.545	- .30	62	58	+5	67	57	?	4	5	E	9	to	0.20	4
Brest ...	29.375	- .46	54	54	-3	65	52	NN	4	8	ENE	10	r	0.75	4
L'Orient ...	29.275	- .55	59	57	+5	66	53	S	7	8	NSW	8	tr	0.08	6
Rochefort ...	29.585	- .27	64	57	+3	75	57	SW	?12	5	S	6	c	-	7
Biarritz ...	29.645	- .21	63	59	-4	78	59	SW	7	5	S	9	o	-	5
Corunna ...				*		*	*			*	*	*	*	*	*
Brussels ...	29.67	- .19	66	*	+4	*	*	SSE	3	*	*	*	b	*	*
Charleville ...	?29.74	- .19	61	*	+4	*	*	ESE	6	*	*	*	c	*	*
Paris ...	29.655	- .24	60	*	+3	68	58	NNW	3	1	SE	10	o	0.24	*
Lyons ...	?	?	74	*	+7	*	*	S	3	*	*	*	c	*	*
Toulon ...	30.015	- .07	66	66	+3	72	63	E	4	7	E	10	cm	-	4

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.	
Skudesnaes ...	29.78	56	50	S	4	*	c	4	Valencia ...	29.69	55	51	NSW	4	5	f
Thurso ...	29.46	52.	46	SSW	4	8	o	3	Scilly ...	29.73	59	54	ESE	2	5	c
Scarborough...	29.75	57	51	SSW	3	7	c	2	London ...	29.81	62	54	S	1	6	c
Greencastle ...	29.54	53	49	SSW	7	4	c	*	Rochefort...	29.76	70	64	S	5	8	c
Holyhead ...	29.69	55	51	SSW	4	4	pc	4								

The mercury continues to rise slowly in the N. and N. while it is hardly changed in the S. of England and is falling at Rochfort. The wind has "backed" to ESE. at Scilly but it is S. or SSW elsewhere and blows a fresh gale at Sornoway.

## 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; w. wet, dew.

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

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



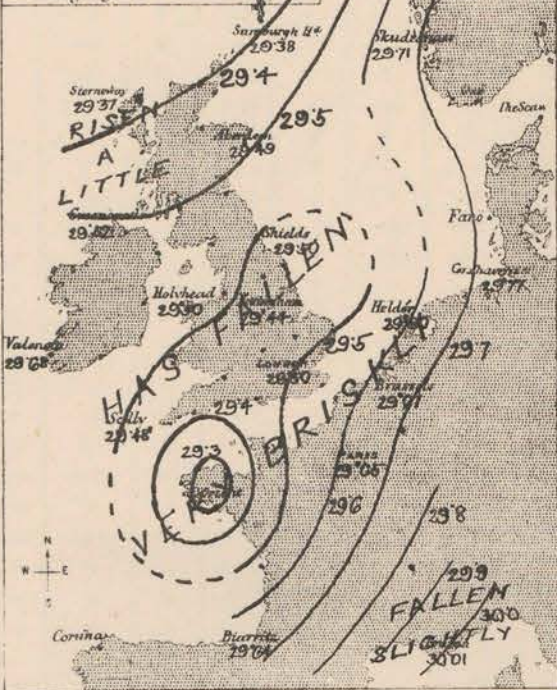
# WEATHER CHARTS

AND REMARKS FOR

THURSDAY 1<sup>ST</sup> OCTOBER 1874 AT 8 A.M.

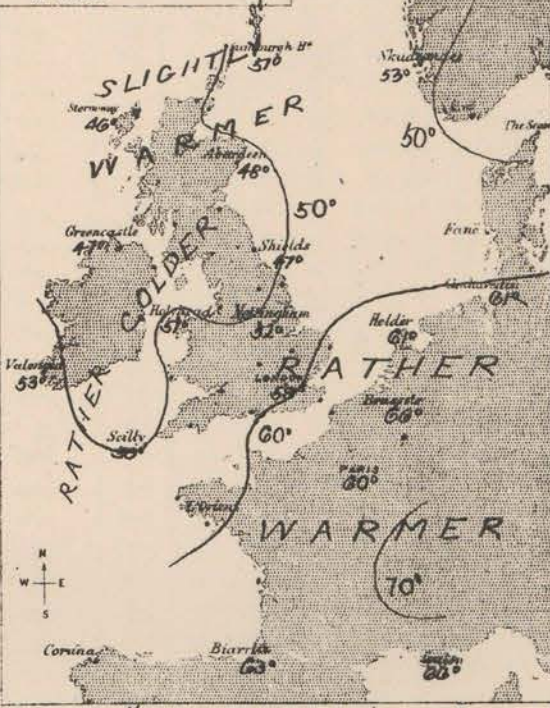
## BAROMETER.

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



## TEMPERATURE.

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

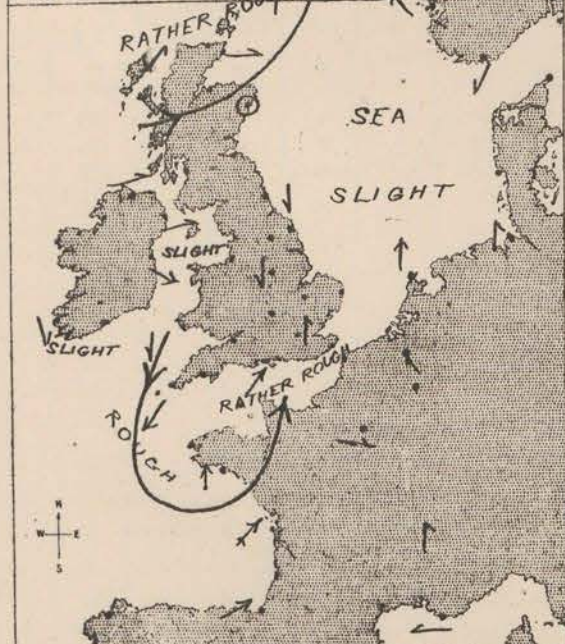


During the past night the barometer has fallen very briskly, except at our extreme north-western stations, and our elongated depression has advanced from the SW. over Central England, the Channel and north-west of France. Gradients over our Islands are slight, but from London to 2° North there is one of 0.07 in per 10 miles.

Temperature has risen over France and the south-east of England, but fallen in Ireland as well as in the west and north of England.

## WIND & SEA.

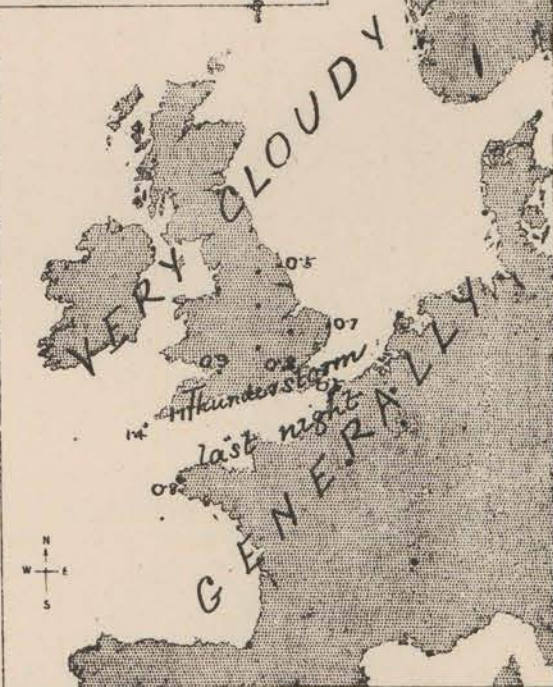
- 1 Arrows fly with the wind  
Force 0 to 1 - ○ Force 8 to 10 - →→  
2 - 4 - →→ above 10 - →→→
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



The winds vary much in direction. At our south-eastern stations they are SW or S, while in Wales and the north of England they are N, in Ireland NW, and in Scotland W or S. In the south-west of France a SW gale is reported. The sea is rough on both the northern and southern coasts, high at Rochefort.

## CLOUD, RAIN &c.

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



Rain has fallen except in the north-west and north. At the southern stations the amount has been very large and was accompanied in most places by thunder and lightning. The sky is still overcast except in the north, and rain falls in many parts of England.

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

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

Dangerfield, Lith. 22 Bedford St. Covent Garden.



Fri - day 8 a.m.

# WEATHER REPORT.

October 2<sup>nd</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS.				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.53	-.27	53	50	+.3	*	*	S	6	2	SN	*	o	*	*
Hernösand ...	29.45	-.21	?	?	?	*	*	S	6	4	S	*	bo	*	*
Stockholm ...	29.62	-.24	58	56	+.2	*	*	S	4	4	SSN	*	ob	*	*
Wisby ...	29.79	-.23	54	57	+.5	*	*	S	4	4	SE	*	cb	*	*
Christiansund ...	29.28	-.41	48	46	-.2	*	*	ESE	4	4	NNN	*	cr	*	5
Skudesnaes ...	29.21	-.50	56	50	+.6	*	*	S	8	8	SSE	*	rc	*	7
Oxö (X'tiansand) ...	29.40	-.41	55	55	+.9	*	*	S	4	4	SSN	*	oe	*	3
Skagen (The Skaw) ...	29.49	-.35	58	57	+.1	*	*	S	2	4	S	*	c	0.08	*
Fanö ...	29.47	-.23	58	56	+.2	*	*	SSN	6	2	SSN	*	co	0.04	*
Cuxhaven ...	29.58f	-.19	58	55	-.3	77	?	SSN	5	2	SN	7	co	-	*
Sumburgh Head ...	28.78f	-.60	49	49	-.2	54	48	ESE	8	6	S	10	or	0.50	7
Stornoway (Hebrides) ...	28.40f	-.97	48	46	+.2	53	44	ESE	8	10	SSN	8	rp	0.47	8
Thurso ...	28.64f	-.77	51	49	+.2	62	45	SSE	7	5	SSE	7	qa	0.09	3
Wick ...	28.64f	-.78	52	50	+.1	57	46	SSN	5	8	S	6	oe	0.07	5
Nairn ...	28.65f	-.80	52	47	+.5	59	47	S	4	4	S	5	pb	0.02	2
Aberdeen ...	28.78f	-.71	50	49	+.1	54	46	S	7	7	S	10	er	0.07	4
Leith ...	28.88f	-.34	52	50	+.2	60	46	N	6	2	SSN	7	c	0.02	*
Shields ...	29.05f	-.45	49	49	+.2	51	43	S	4	3	SSN	9	ow	0.11	2
York ...	29.21f	-.29	50	49	+.1	63	40	S	2	2	S	10	dr	0.21	*
Scarborough ...	29.14f	-.31	49	48	-.1	51	42	SSN	6	3	N	10	o	0.10	5
Nottingham ...	29.29f	-.15	51	50	-.1	56	38	SSN	6	6	NN	10	fw	0.08	*
Ardrossan ...	28.90f	-.60	52	47	+.5	59	47	SSN	7	7	SSN	4	e	0.28	6
Greencastle ...	28.90f	-.59	48	45	+.3	53	45	N	8	5	N	5	c	0.03	*
Donaghadee ...	29.02f	-.50	49	47	+.2	56	41	SSN	6	6	SSN	3	a	0.02	4
Kingstown ...	29.18f	-.38	52	48	+.4	57	46	N	4	6	NN	6	a	-	3
Holyhead ...	29.16f	-.34	54	50	+.4	57	50	N	5	2	NNN	6	pa	0.20	4
Liverpool (Bidston Obs.) ...	29.13f	-.40	54	53	+.1	55	46	SN	2	5	S	10	o	0.27	3
Valencia ...	29.38f	-.30	53	50	-.3	59	47	N	7	7	N	6	rp	0.37	7
Roche's Point ...	29.33f	-.26	51	49	+.2	57	44	NNN	5	5	NNN	7	po	0.25	4
Pembroke ...	29.27f	-.22	55	53	+.2	57	49	NNN	6	7	N	10	sq	0.30	4
Portishead ...	29.31f	-.10	54	53	+.1	64	46	S	6	7	S	10	gwg	0.21	3
Scilly ...	29.47f	-.01	58	57	+.1	58	48	N	6	6	N	7	apq	0.31	6
Plymouth ...	29.41f	-.00	57	57	+.2	59	50	SN	6	6	N	10	q	0.32	*
Hurst Castle ...	29.40f	-.05	57	56	-.1	62	50	SN	7	7	SN	10	r	0.47	6
Dover ...	29.54f	+.01	57	54	-.3	63	50	SN	6	6	S	7	cu	0.04	5
London ...	29.47f	-.03	54	53	-.1	70	47	S	4	4	S	10	btr	0.54	*
Oxford ...	29.38	-.06	53	52	-.1	64	46	S	8	8	S	10	qr	0.25	*
Cambridge ...	29.40f	-.08	57	50	-.7	66	46	SSN	2	2	SSN	10	alr	0.18	*
Yarmouth ...	29.46f	-.04	51	50	-.1	63	48	SSN	4	5	SSN	7	tgg	0.47	4
Helder ...	29.45	-.15	58	*	-.3	*	*	NNN	6	*	*	*	*	*	4
Cape Gris Nez ...	29.58f	+.04	57	53	-.4	65	53	SSN	9	5	SSN	10	or	0.12	7
Brest ...	29.62f	+.25	57	57	+.2	?	50	SN	7	8	NNN	10	or	0.24	5
L'Orient ...	29.73f	+.46	56	56	-.2	62	52	SSN	7	8	NN	10	r	0.24	6
Rochefort ...	29.92f	+.34	59	52	-.7	72	55	SSN	7	12	N	10	co	0.08	3
Biarritz ...	30.04f	+.40	58	53	-.5	64	48	SSN	7	7	N	7	o	0.12	5
Corunna ...															
Brussels ...	29.68	+.01	54	*	-.12	*	*	SSN	6	*	*	*	ro	*	*
Charleville ...	29.80	+.06	53	*	-.8	*	*	N	9	*	*	*	a	*	*
Paris ...	29.82f	+.17	53	*	-.7	64	49	SN	7	7	S	8	mv	0.12	*
Lyons ...	?	?	64	*	-.10	*	*	NE	?	*	*	*	o	*	*
Toulon ...	29.95f	-.06	58	58	-.8	70	58	?	8	4	E	4	mo	0.12	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.37	59	57	SSE	10	*	5	Valencia ...	29.67	55	50	NNN	3	7	5
Thurso ...	29.35	54	50	N	1	5	2	Scilly ...	29.63	55	51	NNN	6	6	6
Scarborough ...	29.48	49	48	N	3	10	09	London ...	29.50	66	59	SSE	2	9	*
Greencastle ...	29.49	53	49	SN	3	6	*	Rochefort ...	29.69	64	57	N	12	8	7
Holyhead ...	29.56	55	51	NNN	2	4	2								

Pressure is recovering briskly at Scilly and Rochefort, decreasing on our N. and N. W. coasts, and changing irregularly in the SE. There appears to be a small depression advancing on our S. and SE. coasts from the S. The wind has backed to NNN. at Scilly while it has veered to N. at Rochefort, where a heavy gale is still 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.

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



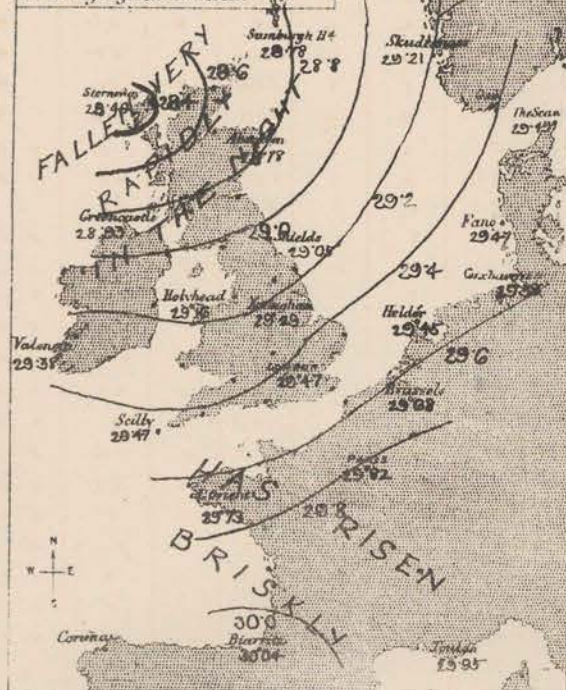
# WEATHER CHARTS

AND REMARKS FOR

THURSDAY 2<sup>ND</sup> OCTOBER 1874 AT 8 A.M.

## BAROMETER.

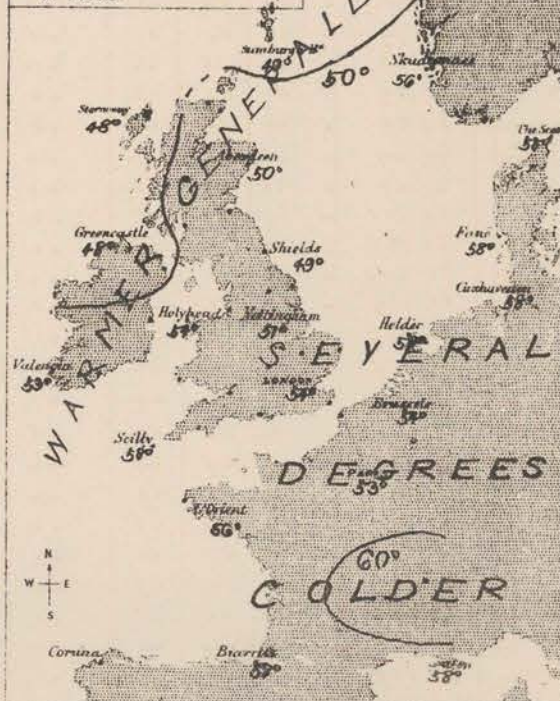
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



During the past night a most sudden and rapid fall of the barometer has taken place on our north-west coast, extending in a less degree to all but the French stations. The depression noticed in the south yesterday has entirely disappeared, but a new and serious one is advancing over Scotland from the W. The gradient from Scilly to Greenhead is 0.09 in, while that from Greenhead to Stormy is more than 0.13 in per 50 miles.

## TEMPERATURE.

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



Temperature has risen fast in the north, but fallen very quickly elsewhere.

## WIND & SEA.

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



Note: A dotted line has been drawn round these coasts to which warning has been issued this morning.

Strong W. winds have set in on our western coasts, drawing in the eastern parts of S. Britain and SE. in the north of Scotland. Gales have set in at Greenhead from W, at Skudsmoen from S, at Sumburgh from SSE, and at Stormy from ESE. The sea runs high in the west, and is rough in the south.

## CLOUD, RAIN & C.

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



Rain has fallen at all stations, accompanied by thunders and lightning in some places. The sky is overcast, the weather wet and unsettled.

Warnings issued to all coasts.

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

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

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



Satur-day 8 a.m.

# WEATHER REPORT

October 3<sup>rd</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)					Direc.
Haparanda ...	29.31	-19	51	51	-2	*	*	SW	2	6	SW	*	*	*	*
Hernösand ...	29.35	-10	49	49	?	*	*	S	4	2	S	*	re	*	*
Stockholm ...	29.40	-19	50	52	-5	*	*	SSE	2	2	SSW	*	er	*	*
Wisby ...	29.56	-23	56	53	-3	*	*	S	6	4	SW	*	e	*	*
Christiansund ...	? 29.40	?	52	50	+4	*	*	N	5	2	ESE	*	e	*	3
Skudesnaes ...	28.53	-68	51	43	-5	*	*	SSE	2	8	SSE	*	re	*	8
Oxö (X'tiansand) ...	29.07	-33	54	50	-1	*	*	SSW	4	8	S	*	re	*	4
Skagen (The Skaw) ...	29.17	-32	55	54	-3	*	*	S	10	10	SSW	*	er	0.08	*
Fanö ...	29.16	-31	54	50	-4	*	*	SSW	4	8	SSW	*	er	0.55	*
Cuxhaven ...	29.26f	-32	53	53	-5	52	?	SW	3	7	SW	8	ro	0.22	*
Sumburgh Head ...	28.48f	-30	49	48	0	52	46	S	7	8	SSE	7	rp	0.28	7
Stornoway (Hebrides) ...	28.62r	+22	48	47	0	51	45	NNN	6	?	E	6	pu	0.56	6
Thurso ...	28.47r	-17	48	47	-3	53	45	NNN	3	8	S	7	ep	0.19	3
Wick ...	28.43f	-21	48	47	-4	55	44	N	3	7	SSW	8	o	0.02	3
Nairn ...	28.59r	-06	48	47	-4	56	46	SW	3	8	S	10	br	0.31	3
Aberdeen ...	28.60f	-18	47	45	-3	54	45	SSW	1	8	SSW	9	gr	0.04	2
Leith ...	28.76f	-12	51	49	-1	56	45	N	5	8	N	5	e	-	*
Shields ...	28.91f	-14	49	49	0	55	43	NNN	6	7	N	7	ew	0.03	2
York ...	? 29.10f	-11	53	45	0	64	41	N	5	4	N	5	e	0.13	*
Scarborough ...	29.03f	-11	47	45	-2	55	43	NNN	4	5	SW	9	er	0.05	3
Nottingham ...	29.22r	-07	51	47	0	59	43	NNN	4	6	SW	8	rw	0.05	*
Ardrossan ...	28.87r	-03	52	49	0	53	48	NNN	9	9	NNN	7	epg	0.44	6
Greencastle ...	? 29.10r	+17	49	47	+1	49	45	NNN	9	9	NNN	5	o	0.44	*
Donaghadee ...	29.04r	+02	48	46	-1	52	44	N	7	7	N	3	e	0.08	5
Kingstown ...	29.26r	+08	47	43	-5	54	45	N	8	9	N	5	gc	0.06	5
Holyhead ...	29.22r	+06	49	45	-5	55	48	N	7	8	N	6	pe	0.02	6
Liverpool (Bidston Obs.) ...	29.14r	+01	50	45	-4	55	42	NNN	7	8	N	9	llo	0.29	5
Valencia ...	29.58r	+20	52	49	-1	54	45	NN	6	9	NNN	5	p	0.28	6
Roche's Point ...	29.47r	+14	48	45	-3	56	44	NNN	4	7	NN	4	gc	0.14	4
Pembroke ...	29.40r	+13	51	47	-4	55	48	NNN	7	9	NNN	7	oc	0.05	4
Portishead ...	29.37r	+06	52	48	-2	60	44	NNN	6	6	N	4	lc	0.09	5
Scilly ...	29.59r	+12	53	49	-5	58	48	NNN	6	7	NNN	6	q	0.08	6
Plymouth ...	29.51r	+10	50	48	-7	59	47	N	5	6	NNN	6	po	0.03	*
Hurst Castle ...	29.42r	-01	50	47	-7	64	47	NN	6	7	SW	0	rb	0.13	5
Dover ...	29.35r	-19	48	45	-9	59	43	NN	4	7	SW	2	ob	0.22	3
London ...	29.36r	-11	50	47	-4	60	42	N	3	7	S	2	ngb	0.15	*
Oxford ...	29.33	-05	48	45	-5	60	43	NNN	3	6	SW	0	cb	0.08	*
Cambridge ...	29.29r	-11	49	45	-2	60	42	SW	2	3	SSW	7	pe	0.10	*
Yarmouth ...	29.23r	-23	46	45	-5	57	42	NNN	5	7	SSW	7	rag	0.10	3
Helder ...						*	*		*	*	*	*	*	*	*
Cape Gris Nez ...	29.35r	-23	52	47	-7	60	51	N	8	9	SSW	5	re	0.24	6
Brest ...	29.72r	+10	54	52	-3	60	47	NN	5	7	SW	8	re	0.20	5
L'Orient ...	29.67r	-06	53	48	-3	62	50	NN	8	8	NN	5	e	0.28	7
Rochefort ...	29.75r	-17	55	51	-4	63	52	NNN	9	11	SW	8	re	0.98	7
Biarritz ...	29.86f	-18	61	56	+3	64	57	NNN	7	5	NNN	10	er	0.12	5
Corunna ...						*	*		*	*	*	*	*	*	*
Brussels ...	29.28	-30	?	*	?	*	*	NNN	3	*	*	*	re	*	*
Charleville ...	? 29.47	-33	50	*	-3	*	*	NNN	3	*	*	*	e	*	*
Paris ...	29.55f	-27	51	*	-2	60	48	NNN	5	8	S	2	e	0.20	*
Lyons ...	?	?	59	*	-5	*	*	S	3	*	*	*	r	*	*
Toulon ...	29.90f	-05	56	52	-2	66	54	NN	4	5	NN	9	o	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.		
Skudesnaes ...	29.01	53	51	SSE	8	*	0	3	Valencia ...	29.45	54	50	NNN	6	5	ap	6
Thurso ...	28.45	55	49	SSW	7	4	c	3	Scilly ...	29.51	55	52	NNN	6	8	q	6
Scarborough...	29.07	53	49	NNN	4	8	r	4	London ...	29.28	58	56	N	4	9	rgo	*
Greencastle ...	28.95	47	44	N	8	8	r	*	Rochefort...	29.84	60	56	N	8	10	r	3
Holyhead ...	29.16	52	47	N	7	6	c	6									

A slight recovery of pressure has taken place in the N. and even in London the mercury has ceased falling since 1.30 pm, while in the N. the fall has continued. The centre of the storm has apparently passed on Stornoway, where the wind has fallen light and shifted to NWN. The wind is increasing from the N<sup>W</sup> on our N.W. coasts but elsewhere little change is reported.

## EXPLANATION OF COLUMNS.

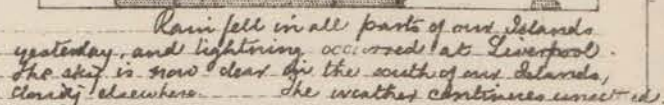
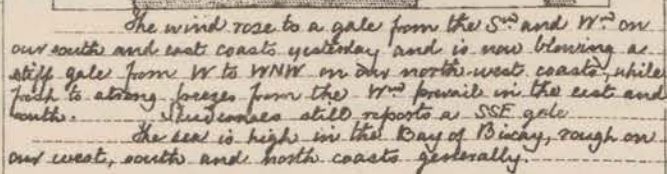
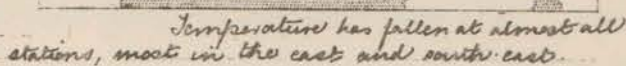
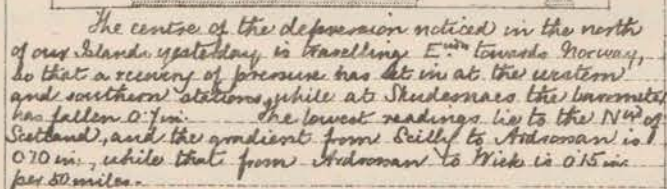
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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

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

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



SATURDAY 3<sup>RD</sup> OCTOBER 1874 AT 8 A.M.



Dongerfield, Luth. 32 Bedford St. Croydon Garden



# SUMMARY OF WEATHER IN WESTERN EUROPE

from SEPT<sup>r</sup> 27<sup>th</sup> to OCTOBER 3<sup>rd</sup> 1874.

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

During the first three days of this week the barometer fell generally over Western Europe, the lowest readings lay off the north-west coast of Scotland, and the wind was generally SW<sup>ly</sup>. On the 30<sup>th</sup> Sept. a slight rise occurred, except in the south of France, but by the next morning a large depression having apparently two minima had advanced over the west of France and south of England, causing the winds to vary considerably. This disturbance disappeared before 8 am of the 2<sup>nd</sup> October, but at that time a very sudden and serious fall of the barometer was shown on our north-west coasts, and a deep depression advanced across the north of Scotland, passing on to Norway next day. During this period the wind blew from the W<sup>nd</sup> or SSW<sup>nd</sup>, reaching the force of a gale on our west coasts. Temperature has decreased slightly. The sky has been cloudy, and rain has been general—heavy in some places.

SEPT 27<sup>th</sup> The barometer had fallen slowly and uniformly over our Islands and France, while it had risen a little over Norway and Denmark. The lowest readings lay to the NW<sup>rd</sup>, but gradients were very slight generally. Moderate or light W<sup>ly</sup> breezes prevailed on the eastern shores of the North Sea, while very light S<sup>ly</sup> winds were reported from Scotland, S<sup>ly</sup> to SE<sup>ly</sup> from France, and calms from the south of England. Temperature was rather higher at most stations except in Central England. The sky was generally cloudy, and fog or mist prevailed in many places.

SEPT 28<sup>th</sup> Pressure had again risen in the extreme north of Europe, while it had fallen at all other stations. On our north-west coasts the decrease had been rather brisk; and a depression was advancing over the north of Scotland from the W<sup>nd</sup>, <sup>and</sup> the gradient from Shields to Stornoway was 0.07 in per 50 miles. The wind blew from between S and SW over these Islands and France, freshly at the western, but very lightly at the more eastern stations, while over Norway and Denmark both direction and force of wind varied considerably. Temperature had risen generally. A little rain had fallen, thunder had occurred in the south during the night, and the sky was cloudy at 8 am. During the day pressure continued to decrease at all stations.

SEPT. 29<sup>th</sup> The barometer had fallen over almost the whole of Europe. Over our Islands the decrease had been very uniform. The lowest readings still lay over the north of Scotland and the highest over France, the gradient from Paris to Donaghadee being 0.06 in per 50 miles. S<sup>ly</sup> to SW<sup>ly</sup> winds continued general, blowing strongly at the mouth of the Channel, but over Denmark and the south of Norway SE<sup>ly</sup> breezes were reported, reaching the force of a gale at Skudesnaes. Temperature had risen several degrees on the eastern shores of the North Sea, while it had fallen elsewhere, especially over Ireland. The weather was showery and squally, thunder was occurring at Wick, and the sky was very cloudy except in the north-east of England. By 2 pm a slight rise of the barometer had set in except in the north-west.



SEPT. 30<sup>th</sup> The recovery of pressure noticed on the 29<sup>th</sup> had extended over the whole of North-Western Europe and had been rather brisk in the south of Ireland. The lowest readings, however, still lay to the NW<sup>rd</sup> of our Islands, but the gradient from Dover to Ardroman was only 0.05 in; while that from Leith to Stornoway was 0.10 in per 50 miles. At our more southern stations the wind was light to moderate in force; from SE over France and from W in the south of the British Isles but on our north-western and northern coasts as well as at Skudesnaes fresh to strong S<sup>th</sup> winds were experienced. Temperature was rather lower except in the south of Ireland, and the sky was cloudy generally. At 2pm the barometer was falling at Rochefort, where the wind had veered to S; the rise reported from Sicily had entirely ceased and the wind had backed to ESE there, pointing to some disturbance advancing from the SW<sup>rd</sup>. In the evening thunderstorms passed over the south of England, accompanied by very heavy rain.

OCT. 1<sup>st</sup> The mercury had fallen briskly except at the northern and western stations, and a large elongated depression (apparently having two minima) had advanced from the SW<sup>rd</sup> over the west of France and southern and central England. One minimum lay in the neighbourhood of the Wash, and the other over Brittany, but gradients were steepest over the south of France, that from Toulon to Lorient having been 0.07 in per 50 miles. The winds, affected by these two depressions, vary considerably in direction. A hard SW gale was reported in the Bay of Biscay, and moderate SW winds at our south-eastern stations, moderate N<sup>th</sup> or NNW winds in the west and light W<sup>th</sup> over Scotland, while on the eastern shores of the North Sea a SE<sup>ly</sup> breeze was reported. Temperature had risen a little in the south and southeast, fallen elsewhere. Rain was falling in many parts of England, and the sky was very cloudy generally. By 6pm the second minimum of the depression had reached the south east of England, accompanied by thunder and heavy showers, but here the disturbance became dispersed, and a new fall of a more serious character set in at our north-western stations.

OCT. 2<sup>nd</sup> A very rapid fall of the barometer (amounting to 0.07 in at Stornoway) had taken place in the NW, extending in a less degree to all except the French stations, where the <sup>mercury</sup> had risen briskly. A deep and well-defined depression was advancing on our north-west coasts from the W<sup>th</sup>, and the gradient from Greencastle to Stornoway was 0.13 in per 50 miles. Under the influence of this depression the wind had increased considerably in force; from the W<sup>th</sup> on our west coasts, from S over the east of G<sup>t</sup> Britain and the North Sea, and from SE in the north of Scotland. Fresh gales were reported in the north of Ireland, the north of Scotland and at Skudesnaes. Temperature was generally higher in the west and north, but had fallen several degrees in the south. The sky was overcast, and rain was falling in many places. In the afternoon the barometer was rising in the west and south-west, falling elsewhere.

OCT. 3<sup>rd</sup> The centre of the depression, noticed yesterday had passed over the extreme north of Scotland, and at 8am was travelling E<sup>nd</sup> in the direction of Norway, where the barometer was falling rapidly. Pressure was consequently recovering at the western stations, and the gradient from Ardroman to Wick was 0.15 in per 50 miles. The gales noticed on the previous day had subsided except on our north-west coasts, where a stiff gale from WNW still held. On our northern and eastern coasts strong W<sup>th</sup> breezes were experienced, drawing into S or SSE on the eastern shores of the North Sea. Temperature was lower at nearly all stations. The sky was cloudy except in the south-east. By 2pm the mercury was rising generally.



Sunday 8 a.m.

# WEATHER REPORT. October 4<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 2.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29.25	-.06	54	53	+3	*	*	SE	8	4	S	*	0	*	*
Hernösand ...	29.09	-.26	49	49	0	*	*	S	6	2	S	*	2 f	*	*
Stockholm ...	29.26	-.17	50	49	-3	*	*	SSW	2	2	SSW	*	0 f	*	*
Wisby ...	29.49	-.07	53	51	-3	*	*	SW	4	2	S	*	2 c	*	*
Christiansund ...	28.81	-.59	53	46	+1	*	*	SE	6	2	ESE	*	2 c	*	3
Skudesnaes ...	28.78	+.25	50	49	-1	*	*	S	8	8	SSE	*	2 c	*	7
Oxö (X'tiansand)	28.95	-.12	52	49	-2	*	*	SSW	6	6	S	*	2 f	*	*
Skagen (The Skaw)	29.09	-.08	50	48	-5	*	*	SSW	8	4	SSW	*	0.16	*	*
Fanö ...	29.15	-.01	52	48	-2	*	*	WSW	8	4	SW	*	2 c	0.67	*
Cuxhaven ...	29.33	+.07	51	48	-2	?	47	WSW	6	6	SW	5	0 c	—	*
Sumburgh Head	28.81	+.33	48	48	-1	53	45	NW	8	4	SE	10	0.45	—	7
Stornoway (Hebrides)	29.16	+.54	44	43	-4	49	42	NW	6	8	NW	7	0.56	—	16
Thurso ...	28.95	+.48	46	45	-2	53	46	NW	8	9	NW	7	1.15	—	6
Wick ...	28.96	+.53	46	45	-2	57	45	NW	7	8	NW	10	2.00	—	3
Nairn ...	29.17	+.58	46	44	-2	49	45	W	2	3	SW	7	0.81	—	2
Aberdeen ...	29.01	+.41	49	45	+2	55	45	NW	6	7	W	5	0.05	—	3
Leith ...	29.16	+.40	54	50	+3	58	45	NW	3	7	W	2	—	—	*
Shields ...	29.16	+.25	49	46	0	55	40	WNW	5	16	W	4	—	—	2
York ...	29.27	+.17	50	46	0	56	44	W	3	4	W	3	—	—	*
Scarborough ...	29.23	+.20	51	48	+4	53	44	W	4	5	W	6	0.01	—	3
Nottingham ...	29.37	+.15	47	45	-4	56	38	SW	1	5	WSW	1	0.04	—	*
Ardrossan ...	29.19	+.32	49	45	-3	53	47	WNW	8	9	WNW	5	0.13	—	5
Greencastle ...	29.39	+.29	46	44	-3	50	43	WNW	6	9	WNW	7	0.34	—	*
Donaghadee ...	29.30	+.26	45	44	-3	54	44	WNW	6	7	WNW	3	0.01	—	4
Kingstown ...	29.42	+.16	45	44	-2	54	45	WNW	5	9	WNW	3	0.05	—	4
Holyhead ...	29.37	+.15	50	46	+1	55	49	WNW	5	7	W	6	0.02	—	4
Liverpool (Bidston Obs.)	29.31	+.17	51	46	+1	54	44	W	4	8	WSW	6	0.16	—	4
Valencia ...	29.66	+.08	47	44	-5	55	45	NNW	3	4	NW	5	0.05	—	3
Roche's Point ...	29.47	+.00	46	43	-2	55	44	NNE	4	6	NW	4	0.07	—	3
Pembroke ...	29.39	+.01	49	47	-2	55	48	N	1	8	WNW	10	0.21	—	?
Portishead ...	29.38	+.01	48	47	-4	58	47	SSW	2	7	WNW	10	0.14	—	1
Scilly ...	29.37	+.22	56	54	+3	56	48	W	7	7	W	7	0.35	—	6
Plymouth ...	29.32	+.19	53	53	+3	60	49	W	2	16	NW	10	0.37	—	*
Hurst Castle ...	29.36	+.06	52	52	+2	65	50	S	1	7	NW	10	0.15	—	3
Dover ...	29.44	+.09	53	50	+5	57	46	WSW	2	5	W	5	—	—	3
London ...	29.43	+.07	53	50	+3	59	47	SW	1	5	W	10	—	—	*
Oxford ...	29.40	+.07	49	48	+1	56	47	W	0	5	WSW	10	—	—	*
Cambridge ...	29.40	+.14	49	47	0	56	44	SW	1	3	SW	10	—	—	*
Yarmouth ...	29.39	+.16	49	48	+3	54	44	WSW	3	5	W	8	—	—	3
Helder ...	29.45	+.10	54	52	+2	58	52	SSW	3	8	W	10	0.04	—	2
Cape Gris Nez ...	29.54	+.18	56	54	+2	56	49	W	7	7	W	10	0.12	—	4
Brest ...	29.52	+.15	59	59	+6	61	53	WSW	7	7	WSW	9	0.08	—	7
Rocheport ...	29.73	+.02	62	60	+7	64	53	WNW	8	8	NW	10	0.24	—	3
Biarritz ...	29.88	+.02	64	53	+3	?	50	WSW	4	7	W	10	0.35	—	6
Coranna ...	30.06	-	61	*	-	*	*	W	6	*	*	*	0	*	*
Brussels ...	29.53	+.15	52	*	?	*	*	SW	3	*	*	*	0	*	*
Charleville ...	29.68	+.21	48	*	-2	*	*	SSE	9	*	*	*	0	*	*
Paris ...	29.64	+.09	57	*	0	56	48	S	5	5	W	10	0.04	—	*
Lyons ...	29.71	+.01	57	*	-2	*	*	E	3	*	*	*	0 c	*	*
Toulon ...	29.91	+.01	56	46	-1	64	53	W	5	7	SW	2	—	—	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	28.86	57	49	SSE	10	*	2	9	Valencia ...	29.62	55	50	NW	4	4	c
Thurso ...	28.60	57	49	NW	7	7	buz	4	Scilly ...	29.65	55	50	WNW	6	6	g
Scarborough...	29.08	53	50	W	5	4	c	4	London ...	29.42	56	49	WSW	3	6	c
Greencastle ...	29.24	50	47	WNW	8	10	0	*	Rocheport...	29.83	62	57	NW	8	5	c
Holyhead ...	29.31	52	50	W	7	7	g	6								

The recovery of pressure has now become general, and the NW gale has extended to Caithness, where it has subsided in the N. of Ireland. The weather is very squally at our W. stations.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.  
 \* AN ANTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.  
 N.E.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



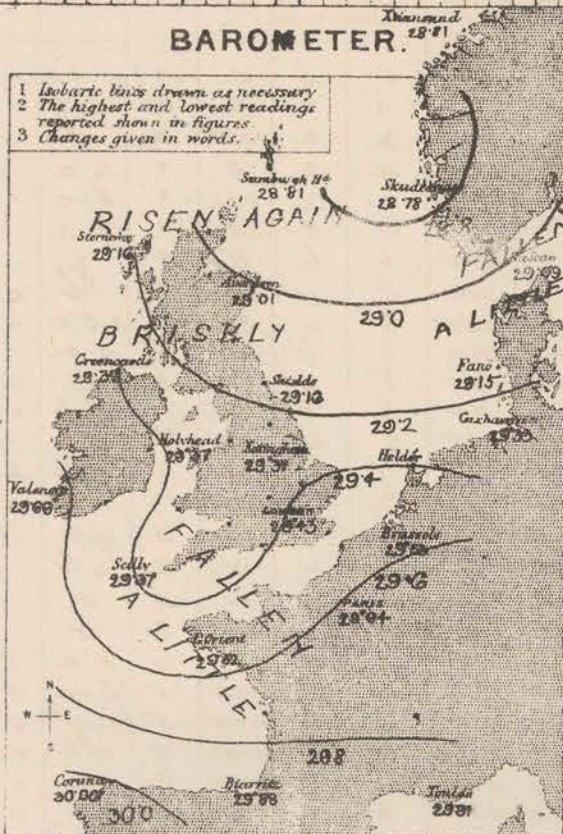
# WEATHER CHARTS

AND REMARKS FOR

SUNDAY 4<sup>TH</sup> OCTOBER 1874 AT 8 A.M.

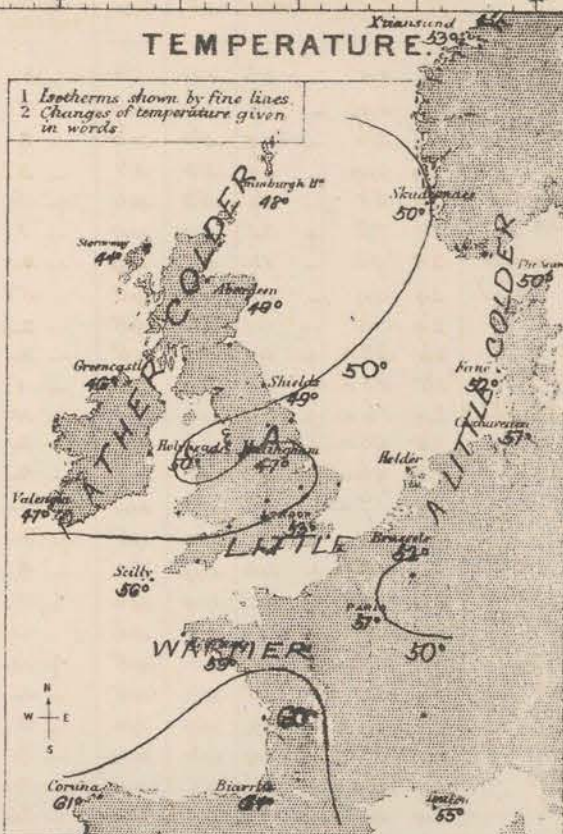
## BAROMETER.

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



## TEMPERATURE.

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

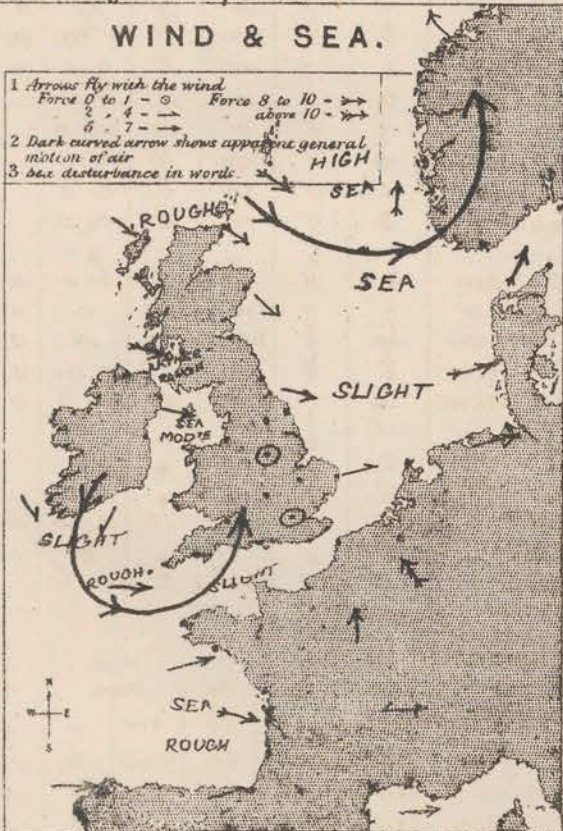


The barometrical depression which lay to the N. of Scotland yesterday morning, has now passed on towards Norway and the barometer has consequently risen quickly at the northern stations. Another smaller disturbance is, however, advancing E. over the south of England. The gradient from Greenwiche to Wick is 0.10 in. per 50 miles, whilst that from Corunna to Scilly is nearly 0.09 in. for the same distance.

Temperature has risen a little over the greater part of England and France, but fallen somewhat elsewhere.

## WIND & SEA.

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



## CLOUD, RAIN &c.

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



fresh to strong gales from the N.W. were felt at most of our western and northern stations yesterday but they have now subsided except in the extreme north. The winds are light and variable in the south of our islands, but very strong W. winds are reported from the Bay of Biscay. The sea is high in the north, rough in the Bay of Biscay.

Aurora was seen at Aberdeen and in Central England last night. Rain has fallen except in the south-east, where, however, the sky has now become overcast and threatening, and has been lately very heavy in Scotland. The sky has cleared somewhat in the north of England and Ireland, but is generally overcast elsewhere. The tides were low on all coasts yesterday.

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

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

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



Mon. day 8 a.m.

# WEATHER REPORT.

Oct. 5<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 2.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.31	+ .06	49	49	-5	*	*	S	6	6	?	*	o	*	*
Hernösand ...	29.17	+ .03	46	45	-2	*	*	S	4	4	S	*	o	*	*
Stockholm ...	29.36	+ .10	49	49	-1	*	*	SSW	4	6	SSW	*	bo	*	*
Wisby ...	29.53	+ .04	52	50	-1	*	*	S	6	4	S	*	c	*	*
Christiansund ...	29.12	+ .31	42	39	-11	*	*	NNN	4	0	Z	*	cb	*	2
Skudesnaes ...	29.00	+ .55	45	42	-5	*	*	N	8	8	SN	*	r	*	7
Oxö (X'iansand)	29.18	+ .23	49	46	-2	*	*	N	6	6	NSW	*	b	*	3
Skagen (The Skaw)	29.25	+ .16	49	48	-1	*	*	NSW	4	8	SN	*	c	0.08	*
Fanö ...	29.39	+ .24	52	49	0	*	*	N	6	4	N	*	c	0.71	*
Cuxhaven ...	29.49	+ .16	54	51	+2	?	49	NW	5	4	SN	6	oe	0.03	*
Sumburgh Head	29.46	+ .62	38	38	-10	51	35	N	6	8	NN	7	r/p	0.10	5
Stornoway (He- brides)	29.59	+ .42	40	39	-4	47	35	N	1	6	NN	8	q/p	0.30	4
Thurso ...	29.59	+ .64	39	38	-7	51	38	NSW	1	8	NN	8	q/po	0.19	4
Wick ...	29.60	+ .64	38	38	-8	50	36	NN	2	8	NN	8	o	0.12	1
Nairn ...	29.65	+ .48	40	39	-6	55	37	NSW	1	4	NN	8	q/o	0.10	1
Aberdeen ...	29.65	+ .64	41	38	-8	51	38	N	2	7	NN	1	q/b	0.05	1
Leith ...	29.73	+ .57	40	38	-14	60	37	N	3	4	NN	1	b	-	*
Shields ...	29.79	+ .62	45	42	-5	55	39	NN	4	5	NNN	3	cb	-	1
York ...	29.84	+ .57	44	41	-6	58	38	NN	1	1	NN	3	b	-	*
Scarborough ...	29.79	+ .56	45	42	-6	55	40	NN	2	4	N	1	cb	-	2
Nottingham ...	29.86	+ .49	45	42	-2	59	36	NSW	3	4	NSW	7	am	-	*
Ardrossan ...	29.76	+ .57	46	42	-2	52	42	N	1	8	NNN	5	qe	0.01	0
Greencastle ...	29.81	+ .42	44	42	-2	49	42	N	2	8	NN	5	qe	0.29	*
Donaghadee ...	29.82	+ .52	42	42	-2	53	40	N	2	6	NNN	2	cb	0.02	1
Kingstown ...	29.91	+ .49	44	41	-1	54	42	N	5	7	NN	1	p/b	0.01	4
Holyhead ...	29.88	+ .51	49	45	-1	54	42	NNN	4	6	NN	5	c	-	4
Liverpool (Bidston Obs.)	29.83	+ .52	48	44	-2	53	45	N	5	7	NNN	9	o	0.08	3
Valencia ...	29.98	+ .32	51	49	+4	55	48	NN	3	4	NN	7	cp	0.03	2
Roche's Point...	29.98	+ .51	45	42	-1	54	?	NNN	3	5	N	7	c	-	3
Pembroke ...	29.94	+ .55	50	46	+1	54	48	NN	3	6	NN	7	p	0.04	2
Portishead ...	29.93	+ .55	50	47	+2	56	44	NNN	3	6	NNN	8	q	0.21	3
Scilly ...	30.02	+ .65	52	47	-3	56	50	NN	5	7	NNN	7	cp	0.19	5
Plymouth ...	29.98	+ .66	48	47	-5	57	44	NN	1	4	N	0	pf	0.18	*
Hurst Castle ...	29.96	+ .60	49	47	-3	62	44	NN	3	5	NE	8	ro	0.33	3
Dover ...	29.89	+ .45	45	41	-8	55	41	N	3	3	NNE	2	ob	0.65	3
London ...	29.92	+ .49	45	42	-8	54	38	N	2	3	NNN	9	rbc	0.44	*
Oxford... ..	29.91	+ .51	44	42	-5	55	36	N	1	2	N	7	c	0.06	*
Cambridge ...	29.90	+ .50	44	41	-5	56	38	N	1	1	N	6	c	-	*
Yarmouth ...	29.80	+ .41	42	42	-6	52	40	NNN	4	4	N	3	em	-	3
Helder... ..	29.67		51	*	*	*	*	NNN	3	*	*	*	*	*	4
Cape Gris Nez...	29.89	+ .44	49	44	-5	57	48	NNN	7	7	N	2	rb	1.02	5
Brest ...	30.06	+ .52	55	52	-1	59	51	NN	1	8	NNN	6	ro	0.08	4
L'Orient ...	30.03	+ .51	51	49	-8	62	49	N	1	8	NNN	4	re	-	2
Rocheport ...	30.05	+ .32	51	46	-11	65	48	?N	4	9	NNN	0	cb	0.71	3
Biarritz ...	30.03	+ .15	59	57	-5	68	57	SN	4	5	N	10	r	0.39	5
Corunna ...															
Brussels ...	29.84	+ .31	45	*	-7	*	*	S	1	*	*	*	rb	*	*
Charleville ...	29.92	+ .24	45	*	-2	*	*	N	6	*	*	*	b	*	*
Paris ...	30.00	+ .36	44	*	-2	59	45	NSW	4	8	SN	4	mf	0.12	*
Lyons ...	?	?	57	*	0	*	*	NN	3	*	*	*	o	*	*
Toulon... ..	29.95	+ .04	59	52	+4	66	54	NN	5	5	N	9	o	0.08	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	28.82	51	49	NSW	8	*	r	7	Valencia ...						
Thurso ...									Scilly ...						
Scarborough ...									London ...						*
Greencastle ...							*		Rocheport ...	29.70	62	58	NN	8	10
Holyhead ...															5

## EXPLANATION OF COLUMNS.

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

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

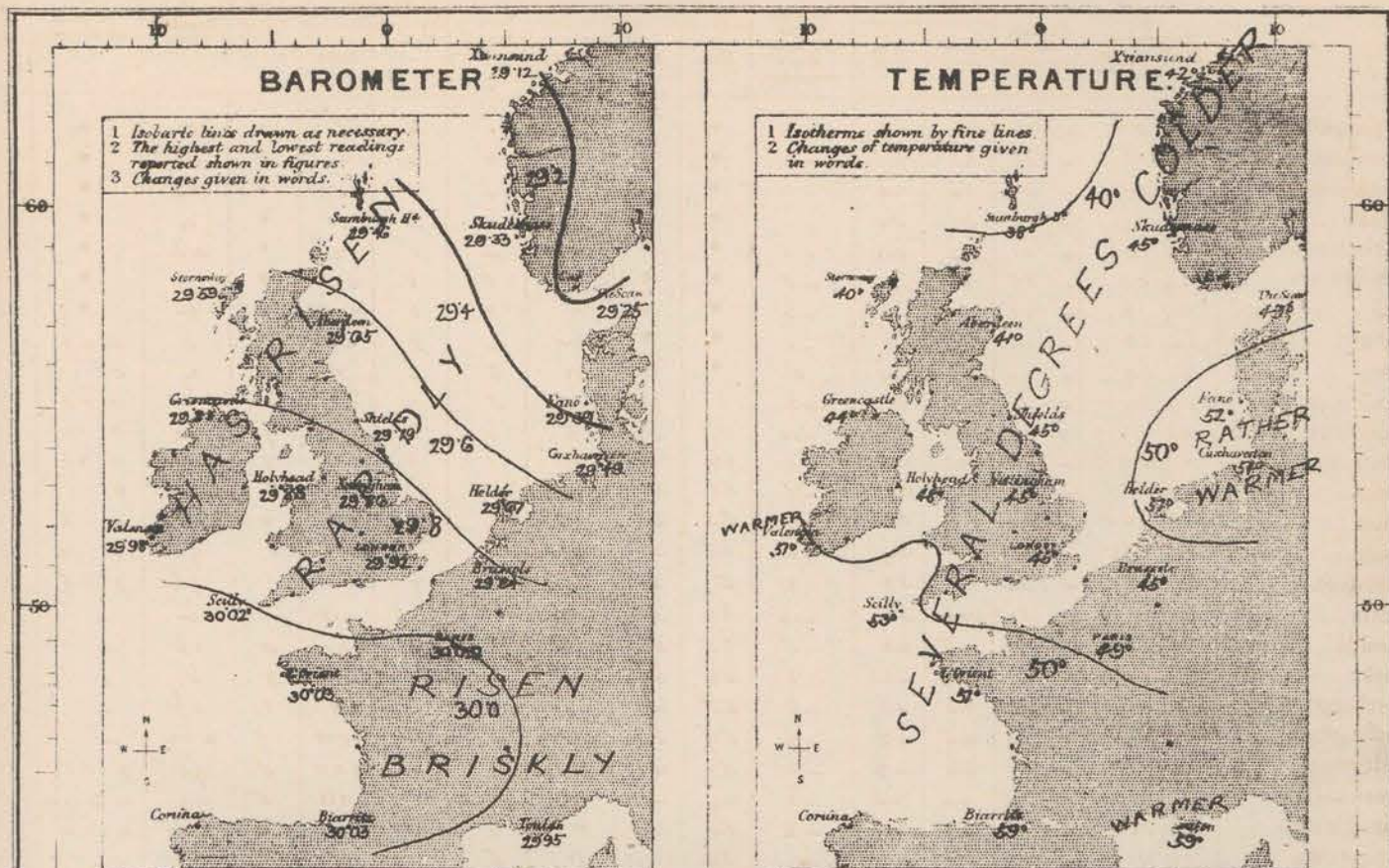
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

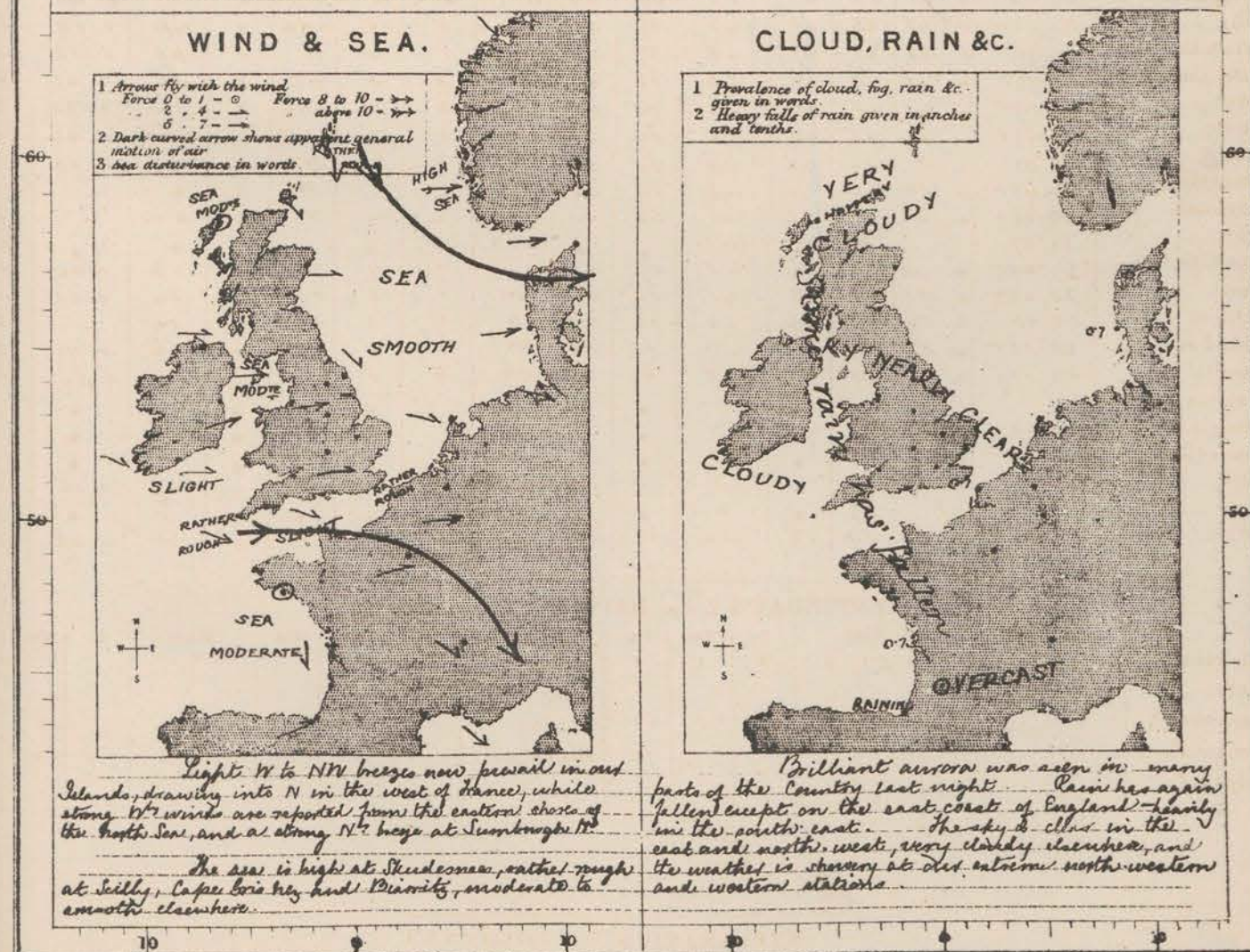
AND REMARKS FOR

MONDAY 5<sup>TH</sup> OCTOBER 1874 AT 8 A.M.



During the past 24 hours a rapid rise of the barometer has taken place over our Islands, extending in a less degree to the eastern shores of the North Sea. The highest readings now lie over the west of France and Bay of Biscay, the gradient from Scilly to Scarborough being 0.05 in., whilst that from Scarborough to Orkney is 0.09 in per 50 miles.

Temperatures has decreased considerably at nearly all stations. During the night it fell to 36° in the shade at Oxford, and in London it went as low as 38° in the shade, and 28° on the ground.



Light N to NW breezes now prevail in our Islands, drawing into N in the west of France, while strong W winds are reported from the eastern shores of the North Sea, and a strong N breeze at Scarborough.

The sea is high at Skudesness, rather rough at Scilly, Cape Breton and Biscay, moderate to smooth elsewhere.

Brilliant aurora was seen in many parts of the Country last night. Rain has again fallen except on the east coast of England - heavily in the south-east. The sky is clear in the east and north-west, very cloudy elsewhere, and the weather is stormy at our extreme north-western and western stations.

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

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

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



Thurs- day 8 a.m.

# WEATHER REPORT.

Oct: 6<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distur- ance. 0 to 4.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.29	-.02	48	47	-1	*	*	S	6	6	S	*	r	*	*
Hernösand ...	29.42	+.25	?	?	?	*	*	NNN	4	4	S	*	e	*	*
Stockholm ...	29.62	+.26	42	40	-7	*	*	?	?	2	SSN	*	b	*	*
Wisby ...	29.78	+.25	46	41	-6	*	*	N	6	6	N	*	cb	*	*
Christiansund ...	29.56	+.44	36	34	-6	*	*	SN	10	10	N	*	ro	*	8
Skudesnaes ...	29.65	+.32	43	38	-2	*	*	ESE	6	8	NNN	*	cr	*	4
Oxö (X'tiansand) ...	29.76	+.58	44	42	-5	*	*	ENE	2	6	NNN	*	bo	*	2
Skagen (The Skaw) ...	29.80	+.55	45	41	-4	*	*	N	2	10	N	*	bo	-	*
Fanö ...	29.88	+.49	51	48	-1	*	*	N	4	6	NNN	*	bc	0.04	*
Cuxhaven ...	30.01	+.52	46	45	-8	56	?	SN	4	6	NNN	4	ob	0.02	*
Sumburgh Head ...	29.35f	-.11	44	44	+6	45	35	S	5	6	N	9	cr	0.16	5
Stornoway (Hebrides) ...	29.04f	-.55	50	50	+10	50	38	S	7	7	S	10	ud	0.40	3
Thurso ...	29.25f	-.34	45	44	+6	46	38	SSE	3	2	ESE	9	gr	0.29	2
Wick ...	29.22f	-.38	48	45	+10	48	37	SN	5	5	SN	9	o	0.18	3
Nairn ...	29.21f	-.44	49	44	+9	49	40	S	4	4	NNN	2	ob	0.02	2
Aberdeen ...	29.39f	-.26	47	45	+6	53	41	S	4	4	S	9	co	0.02	2
Leith ...	29.40f	-.33	51	50	+11	55	39	SN	4	3	N	10	cr	0.04	*
Shields ...	29.58f	-.21	48	48	+3	51	45	SN	4	5	N	8	o	-	2
York ...	29.76f	-.08	46	44	+2	55	44	S	2	2	N	8	bo	-	*
Scarborough ...	29.70f	-.09	46	43	+1	53	43	SSN	4	2	NN	10	co	-	3
Nottingham ...	29.80f	-.06	49	45	+4	56	36	SSN	4	4	NNN	10	mc	-	*
Ardrossan ...	29.35f	-.41	53	51	+7	54	46	SSN	6	7	SSN	10	pr	0.69	6
Greencastle ...	29.29f	-.52	52	51	+8	52	43	SSN	8	8	SSN	10	cq	0.22	*
Donaghadee ...	29.38f	-.44	51	51	+8	55	43	SN	7	7	SN	10	cq	0.41	6
Kingstown ...	29.56f	-.35	54	51	+10	55	44	S	4	5	N	10	cq	-	3
Holyhead ...	29.62f	-.26	53	52	+4	54	49	SSN	7	4	N	10	fund	0.11	5
Liverpool (Bidston Obs.) ...	29.69f	-.14	51	47	+3	53	43	S	4	5	N	10	co	0.01	3
Valencia ...	29.49f	-.49	54	53	+3	57	50	SN	6	6	SN	9	gr	0.24	6
Roche's Point ...	29.59f	-.39	54	53	+9	55	45	SSN	7	7	SSN	10	clr	0.22	5
Pembroke ...	29.73f	-.21	55	53	+5	55	49	SSN	7	7	SN	10	ow	-	5
Portishead ...	29.87f	-.06	51	48	+1	61	42	SSN	4	4	NNN	8	aw	-	3
Scilly ...	29.88f	-.14	55	52	+2	56	50	SN	6	6	SN	8	co	0.01	5
Plymouth ...	29.93f	-.05	52	51	+4	59	40	S	3	4	S	10	ap	0.04	*
Hurst Castle ...	29.96f	.00	56	52	+7	67	43	SN	6	6	SN	10	vo	-	5
Dover ...	30.00	+.11	54	50	+9	54	43	NNN	4	3	N	6	bg	-	3
London ...	29.98f	+.06	49	46	+4	57	37	SN	1	2	N	10	abo	-	*
Oxford ...	29.92	+.01	46	44	+2	55	35	S	4	4	S	10	cq	-	*
Cambridge ...	29.93f	+.03	44	41	0	55	34	SSN	1	1	N	10	co	-	*
Yarmouth ...	29.98f	+.18	44	42	+1	53	40	SN	3	3	NNN	8	am	-	3
Helder ...	30.00	+.33	50	*	-1	*	*	S	5	*	*	*	*	*	2
Cape Gris Nez ...	30.02f	+.13	55	48	+6	56	48	SSN	4	4	N	5	c	-	3
Brest ...	30.08f	+.02	56	54	+1	60	52	SSN	5	5	SSN	9	o	-	3
L'Orient ...	30.09f	+.06	54	49	+3	63	46	SN	3	3	NN	7	co	-	2
Rocheport ...	30.17	+.12	49	45	-2	64	46	E	3	7	N	0	rb	-	3
Biarritz ...	30.13	+.10	54	52	-5	63	49	SE	3	3	NNN	1	cb	0.24	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.11	+.27	49	*	+4	*	*	NNN	1	*	*	*	b	*	*
Charleville ...	30.18	+.26	44	*	-1	*	*	SSE	3	*	*	*	o	*	*
Paris ...	30.17	+.17	48	*	-1	57	41	N	3	4	NNN	3	mc	0.04	*
Lyons ...	?	?	56	*	-1	*	*	N	1	*	*	*	b	*	*
Toulon ...	30.00	+.05	61	57	+2	67	53	E	3	5	NN	4	c	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.
Skudesnaes ...	29.58	41	38	NNN	9	*	5	Valencia ...	30.05	55	50	N	3	5	3
Thurso ...	29.69	42	40	NNE	1	9	3	Scilly ...	30.10	55	49	NN	4	5	5
Scarborough ...	29.87	51	47	NNN	2	5	3	London ...	30.01	53	50	N	2	8	3
Greencastle ...	29.85	49	47	NNN	4	4	*	Rocheport ...	30.12	62	51	N	4	0	3
Holyhead ...	29.97	52	47	N	4	4	3								

Pressure has continued to increase generally. The wind has varied to NNE at 11 hours, but seems inclined to "back" again at Valencia, where the weather continues clearing.

## EXPLANATION OF COLUMNS.

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

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

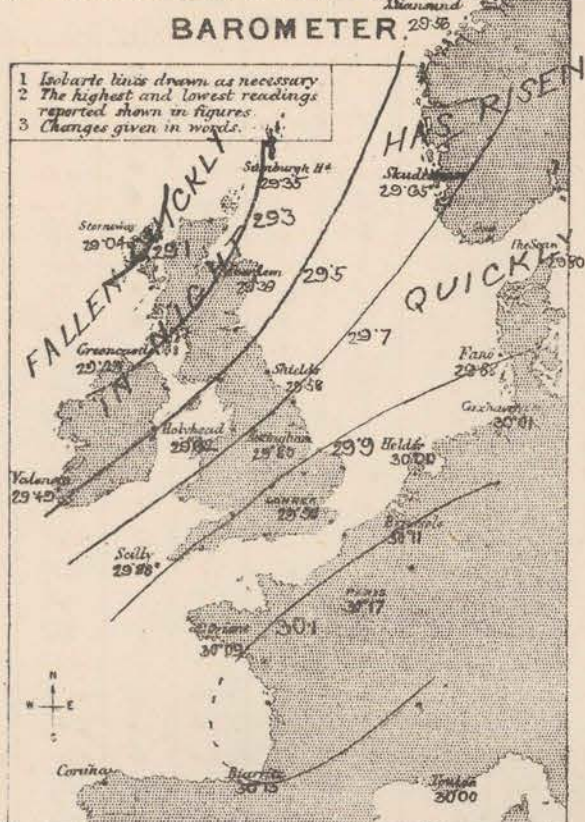
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

AND REMARKS FOR

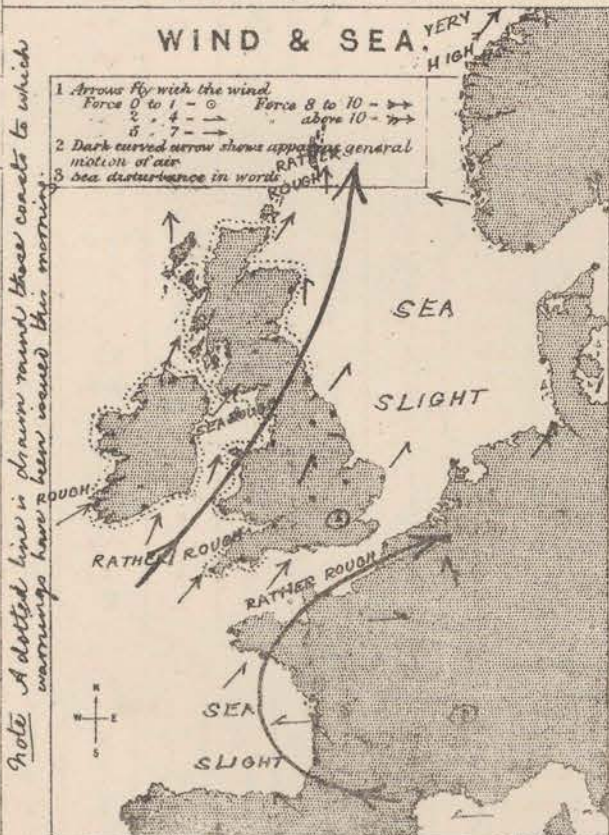
TUESDAY 6<sup>TH</sup> OCTOBER 1874 AT 8 A.M.



During the past night a rapid fall of the mercury has taken place on our north-western and western coasts, and extended in a less degree to all parts of our Islands. The highest readings lie over France, and the gradient from Cape Breton to Stormy is 0.09 in. per 50 miles.



Temperature has increased very generally. In London, however, a sharp frost occurred on the grass last night.



The wind has backed to SW in England; and to S on our western and northern coasts. At our north-western stations it is already blowing a fresh gale from SW, and is inclined to increase elsewhere.

The sea is rough in the west and south.



Aurora was again seen last night at Aurora, lightning at Colchester. Rain has again set in on our western and northern coasts, and the sky has become overcast elsewhere.

Warnings issued to our south-west, west, north and north-east coasts.

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

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

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



Wednesday 8 a.m.

# WEATHER REPORT.

Oct 7<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance 0 to 3.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...	29.25	-.40	51	49	+8	*	*	NSW	6	8	S	*	r	*	5
Oxö (X'tiansand) ...	29.24	-.52	54	54	+10	*	*	SSW	10	8	S	*	r	*	7
Skagen (The Skaw) ...	29.46	-.34	50	48	+5	*	*	SW	10	6	SW	*	ro	0.32	*
Fanö ...	29.49	-.39	50	50	+2	*	*	SSW	8	8	SW	*	oc	0.12	*
Cuxhaven ...	29.65f	-.36	48	46	+2	55	?	SSW	4	5	SW	6	oc	—	*
Sumburgh Head ...	28.80f	-.52	48	47	+4	52	44	NSW	5	7	S	3	ro	0.46	5
Stornoway (Hebrides) ...	28.89f	-.15	44	43	-6	53	42	NNN	6	7	SSW	8	pd	0.14	5
Thurso ...	28.87f	-.38	45	43	0	57	40	SSW	3	4	SSW	8	e	0.05	2
Wick ...	28.86f	-.36	46	44	-2	56	44	N	4	4	N	4	e	0.07	2
Nairn ...	28.98f	-.23	48	45	-1	57	40	N	2	4	S	0	ob	0.04	1
Aberdeen ...	28.99f	-.40	47	44	0	55	44	NSW	1	6	S	1	ob	0.05	3
Leith ...	29.08f	-.32	49	48	-2	58	47	NSW	2	5	SW	6	ro	0.43	*
Shields ...	29.15f	-.40	50	50	+2	55	47	N	2	8	SW	9	og	0.27	1
York ...	29.25f	-.51	49	49	+3	56	45	S	1	4	S	10	or	0.31	*
Scarborough ...	29.18f	-.52	50	50	+4	54	46	NSW	5	6	SSE	10	or	0.18	3
Nottingham ...	29.24f	-.56	?	?	?	57	?	NN	1	9	SSW	10	r	0.31	*
Ardrossan ...	29.09f	-.26	51	48	-2	55	50	N	2	7	SSW	7	p	0.46	2
Greencastle ...	29.14f	-.15	48	47	-4	52	46	SW	2	8	SSW	8	go	0.35	*
Donaghadee ...	29.13f	-.25	46	46	-5	54	44	N	3	7	SW	3	dc	0.42	2
Kingstown ...	29.21s	-.35	49	47	-5	59	49	N	4	6	S	2	db	0.24	3
Holyhead ...	29.20f	-.42	51	49	-2	57	51	N	4	8	SSW	5	rgce	0.15	3
Liverpool (Bidston Obs.) ...	29.19f	-.50	50	48	-1	57	49	SSW	2	6	SSW	8	o	0.50	2
Valencia ...	29.41f	-.08	52	50	-2	58	51	N	6	6	NN	5	rp	1.60	6
Roche's Point ...	29.32f	-.26	49	47	-5	55	47	NNN	4	8	SSW	6	ro	0.95	4
Pembroke ...	29.27f	-.46	54	50	-1	57	52	NNW	4	9	SW	7	oc	0.88	3
Portishead ...	29.26f	-.61	50	50	-1	59	49	N	1	8	S	10	qr	1.12	2
Scilly ...	29.38f	-.50	52	52	-2	58	51	NNN	6	9	SSW	6	op	0.72	6
Plymouth ...	29.30f	-.60	52	52	0	57	50	NN	1	9	SW	10	qf	0.91	*
Hurst Castle ...	29.24f	-.72	58	57	+2	65	54	SSW	7	8	SSW	10	ur	0.64	7
Dover ...	29.38f	-.62	56	54	+2	57	52	SSW	7	7	SSW	6	w	0.00	6
London ...	29.30f	-.68	56	55	+7	57	49	S	5	7	SSW	10	qgr	0.49	*
Oxford ...	29.25	-.67	52	52	+6	56	46	NSW	2	9	NSW	10	r	0.64	*
Cambridge ...	29.34f	-.59	55	54	+11	55	41	SSW	4	4	SSW	10	ur	0.20	*
Yarmouth ...	29.32f	-.66	54	54	+10	55	43	SSW	6	7	SSW	10	qgr	0.20	6
Helder ...	29.48	-.52	51	*	+1	*	*	SSW	7	*	*	*	*	*	4
Cape Gris Nez ...	29.45f	-.57	54	54	-1	58	50	SSW	8	8	SW	10	or	0.08	6
Brest ...	29.48f	-.60	52	52	-4	59	51	NNN	?	8	N	10	r	0.87	5
L'Orient ...	?	?	56	54	+2	60	53	NSW	9	8	NSW	10	f	0.12	7
Rocheport ...	29.77f	-.40	55	51	+6	66	46	SEN	5	4	SSW	10	co	—	5
Biarritz ...	29.79f	-.34	63	56	+9	63	54	S	5	3	N	5	e	—	5
Corunna ...				*		*	*				*	*	*	*	*
Brussels ...	29.62	-.49	52	*	+3	*	*	S	4	*	*	*	o	*	*
Charleville ...	29.77	-.41	47	*	+3	*	*	SSE	6	*	*	*	o	*	*
Paris ...	29.68f	-.49	50	*	+2	61	44	S	5	5	S	10	co	—	*
Lyons ...	?	?	60	*	+7	*	*	SE	3	*	*	*	b	*	*
Toulon ...	30.05f	+.05	60	58	-1	70	57	?	1	3	SE	3	cb	—	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.41	50	49	SSE	9	*	0	7	Valencia ...	29.32	57	57	WSW	6	9	r
Thurso ...	28.98	55	52	SSW	2	6	pc	3	Scilly ...	29.70	57	56	SSW	8	9	r
Scarborough...	29.51	53	50	SSW	5	10	o	4	London ...	29.82	56	50	SW	5	10	qo
Greencastle ...	29.18	52	50	WSW	2	10	r	*	Rocheport...	30.14	64	52	SW	3	0	b
Holyhead ...	29.42	55	55	SSW	7	10	nrq	5								

The barometer continues to fall everywhere, though the changes are somewhat irregular. The wind has increased to a fresh gale from SSW along our W. coast and to a moderate gale from SW at Shields, accompanied by rain in the W. and N., while fresh winds from the same quarter prevail in the SE. - Haze extended to our S. and E. coasts this afternoon.

## EXPLANATION OF COLUMNS.

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

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

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



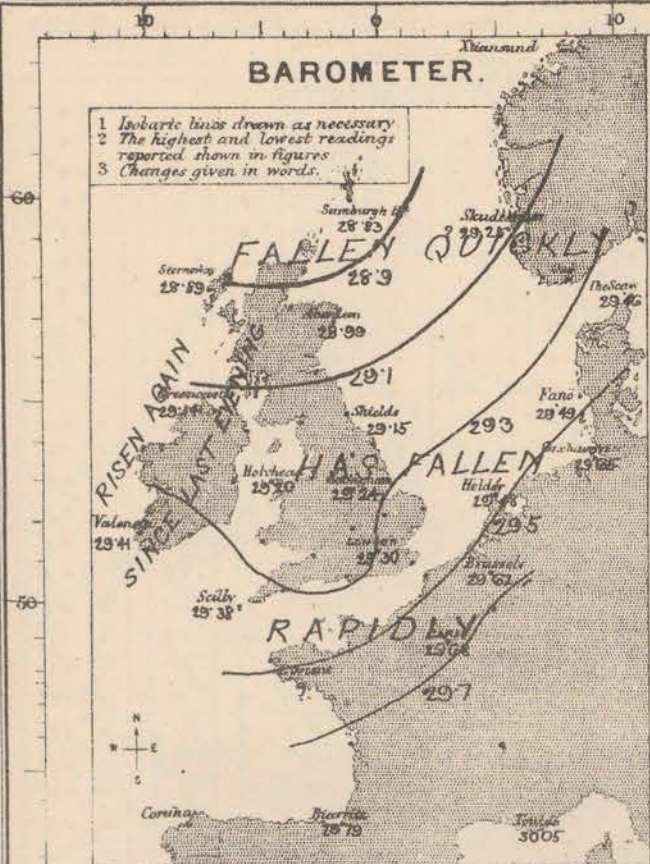
# WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 7<sup>TH</sup> OCTOBER 1874 AT 8 A.M.

## BAROMETER.

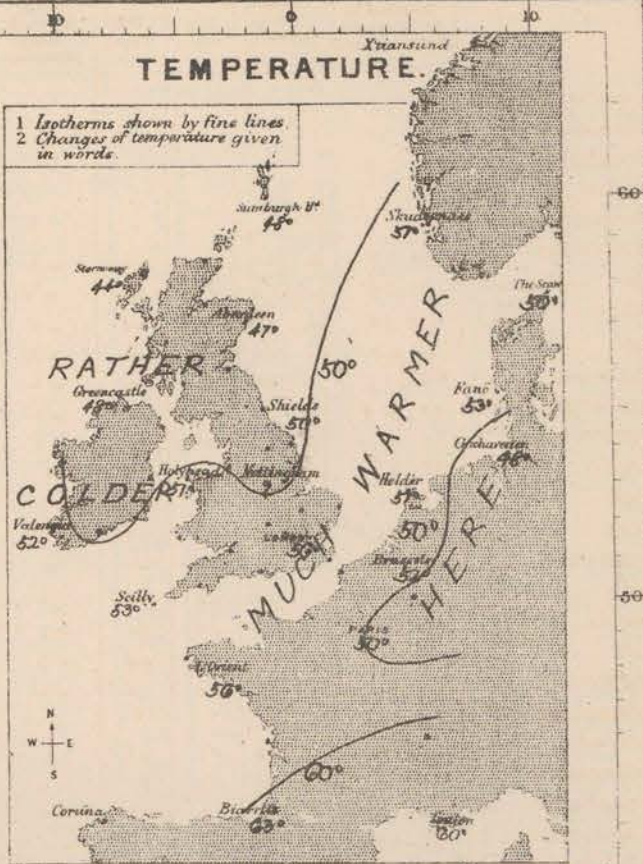
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



The depression which lay to the W. of Scotland yesterday morning has travelled to the E. of NE. and its centre now lies to the N. of the Shetland Isles. At the same time a shallower depression has advanced from the W. to the south of England, where the barometer has fallen rapidly. In consequence of this latter disturbance gradients are less steep over our Islands than they would have been, while from Rochefort to Hunt Castle there is one of 0.09 in per 50 miles.

## TEMPERATURE.

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



Temperature has risen over France and the south-east of England, fallen elsewhere.

## WIND & SEA.

- 1 Arrows fly with the wind  
Force 0 to 1 - - - - -  
2 4 - - - - -  
3 6 - - - - -  
4 8 - - - - -  
5 10 - - - - -  
6 12 - - - - -  
7 14 - - - - -  
8 16 - - - - -  
9 18 - - - - -  
10 20 - - - - -  
11 22 - - - - -  
12 24 - - - - -  
13 26 - - - - -  
14 28 - - - - -  
15 30 - - - - -  
16 32 - - - - -  
17 34 - - - - -  
18 36 - - - - -  
19 38 - - - - -  
20 40 - - - - -  
21 42 - - - - -  
22 44 - - - - -  
23 46 - - - - -  
24 48 - - - - -  
25 50 - - - - -  
26 52 - - - - -  
27 54 - - - - -  
28 56 - - - - -  
29 58 - - - - -  
30 60 - - - - -  
31 62 - - - - -  
32 64 - - - - -  
33 66 - - - - -  
34 68 - - - - -  
35 70 - - - - -  
36 72 - - - - -  
37 74 - - - - -  
38 76 - - - - -  
39 78 - - - - -  
40 80 - - - - -  
41 82 - - - - -  
42 84 - - - - -  
43 86 - - - - -  
44 88 - - - - -  
45 90 - - - - -  
46 92 - - - - -  
47 94 - - - - -  
48 96 - - - - -  
49 98 - - - - -  
50 100 - - - - -  
51 102 - - - - -  
52 104 - - - - -  
53 106 - - - - -  
54 108 - - - - -  
55 110 - - - - -  
56 112 - - - - -  
57 114 - - - - -  
58 116 - - - - -  
59 118 - - - - -  
60 120 - - - - -  
61 122 - - - - -  
62 124 - - - - -  
63 126 - - - - -  
64 128 - - - - -  
65 130 - - - - -  
66 132 - - - - -  
67 134 - - - - -  
68 136 - - - - -  
69 138 - - - - -  
70 140 - - - - -  
71 142 - - - - -  
72 144 - - - - -  
73 146 - - - - -  
74 148 - - - - -  
75 150 - - - - -  
76 152 - - - - -  
77 154 - - - - -  
78 156 - - - - -  
79 158 - - - - -  
80 160 - - - - -  
81 162 - - - - -  
82 164 - - - - -  
83 166 - - - - -  
84 168 - - - - -  
85 170 - - - - -  
86 172 - - - - -  
87 174 - - - - -  
88 176 - - - - -  
89 178 - - - - -  
90 180 - - - - -  
91 182 - - - - -  
92 184 - - - - -  
93 186 - - - - -  
94 188 - - - - -  
95 190 - - - - -  
96 192 - - - - -  
97 194 - - - - -  
98 196 - - - - -  
99 198 - - - - -  
100 200 - - - - -  
101 202 - - - - -  
102 204 - - - - -  
103 206 - - - - -  
104 208 - - - - -  
105 210 - - - - -  
106 212 - - - - -  
107 214 - - - - -  
108 216 - - - - -  
109 218 - - - - -  
110 220 - - - - -  
111 222 - - - - -  
112 224 - - - - -  
113 226 - - - - -  
114 228 - - - - -  
115 230 - - - - -  
116 232 - - - - -  
117 234 - - - - -  
118 236 - - - - -  
119 238 - - - - -  
120 240 - - - - -  
121 242 - - - - -  
122 244 - - - - -  
123 246 - - - - -  
124 248 - - - - -  
125 250 - - - - -  
126 252 - - - - -  
127 254 - - - - -  
128 256 - - - - -  
129 258 - - - - -  
130 260 - - - - -  
131 262 - - - - -  
132 264 - - - - -  
133 266 - - - - -  
134 268 - - - - -  
135 270 - - - - -  
136 272 - - - - -  
137 274 - - - - -  
138 276 - - - - -  
139 278 - - - - -  
140 280 - - - - -  
141 282 - - - - -  
142 284 - - - - -  
143 286 - - - - -  
144 288 - - - - -  
145 290 - - - - -  
146 292 - - - - -  
147 294 - - - - -  
148 296 - - - - -  
149 298 - - - - -  
150 300 - - - - -  
151 302 - - - - -  
152 304 - - - - -  
153 306 - - - - -  
154 308 - - - - -  
155 310 - - - - -  
156 312 - - - - -  
157 314 - - - - -  
158 316 - - - - -  
159 318 - - - - -  
160 320 - - - - -  
161 322 - - - - -  
162 324 - - - - -  
163 326 - - - - -  
164 328 - - - - -  
165 330 - - - - -  
166 332 - - - - -  
167 334 - - - - -  
168 336 - - - - -  
169 338 - - - - -  
170 340 - - - - -  
171 342 - - - - -  
172 344 - - - - -  
173 346 - - - - -  
174 348 - - - - -  
175 350 - - - - -  
176 352 - - - - -  
177 354 - - - - -  
178 356 - - - - -  
179 358 - - - - -  
180 360 - - - - -  
181 362 - - - - -  
182 364 - - - - -  
183 366 - - - - -  
184 368 - - - - -  
185 370 - - - - -  
186 372 - - - - -  
187 374 - - - - -  
188 376 - - - - -  
189 378 - - - - -  
190 380 - - - - -  
191 382 - - - - -  
192 384 - - - - -  
193 386 - - - - -  
194 388 - - - - -  
195 390 - - - - -  
196 392 - - - - -  
197 394 - - - - -  
198 396 - - - - -  
199 398 - - - - -  
200 400 - - - - -  
201 402 - - - - -  
202 404 - - - - -  
203 406 - - - - -  
204 408 - - - - -  
205 410 - - - - -  
206 412 - - - - -  
207 414 - - - - -  
208 416 - - - - -  
209 418 - - - - -  
210 420 - - - - -  
211 422 - - - - -  
212 424 - - - - -  
213 426 - - - - -  
214 428 - - - - -  
215 430 - - - - -  
216 432 - - - - -  
217 434 - - - - -  
218 436 - - - - -  
219 438 - - - - -  
220 440 - - - - -  
221 442 - - - - -  
222 444 - - - - -  
223 446 - - - - -  
224 448 - - - - -  
225 450 - - - - -  
226 452 - - - - -  
227 454 - - - - -  
228 456 - - - - -  
229 458 - - - - -  
230 460 - - - - -  
231 462 - - - - -  
232 464 - - - - -  
233 466 - - - - -  
234 468 - - - - -  
235 470 - - - - -  
236 472 - - - - -  
237 474 - - - - -  
238 476 - - - - -  
239 478 - - - - -  
240 480 - - - - -  
241 482 - - - - -  
242 484 - - - - -  
243 486 - - - - -  
244 488 - - - - -  
245 490 - - - - -  
246 492 - - - - -  
247 494 - - - - -  
248 496 - - - - -  
249 498 - - - - -  
250 500 - - - - -  
251 502 - - - - -  
252 504 - - - - -  
253 506 - - - - -  
254 508 - - - - -  
255 510 - - - - -  
256 512 - - - - -  
257 514 - - - - -  
258 516 - - - - -  
259 518 - - - - -  
260 520 - - - - -  
261 522 - - - - -  
262 524 - - - - -  
263 526 - - - - -  
264 528 - - - - -  
265 530 - - - - -  
266 532 - - - - -  
267 534 - - - - -  
268 536 - - - - -  
269 538 - - - - -  
270 540 - - - - -  
271 542 - - - - -  
272 544 - - - - -  
273 546 - - - - -  
274 548 - - - - -  
275 550 - - - - -  
276 552 - - - - -  
277 554 - - - - -  
278 556 - - - - -  
279 558 - - - - -  
280 560 - - - - -  
281 562 - - - - -  
282 564 - - - - -  
283 566 - - - - -  
284 568 - - - - -  
285 570 - - - - -  
286 572 - - - - -  
287 574 - - - - -  
288 576 - - - - -  
289 578 - - - - -  
290 580 - - - - -  
291 582 - - - - -  
292 584 - - - - -  
293 586 - - - - -  
294 588 - - - - -  
295 590 - - - - -  
296 592 - - - - -  
297 594 - - - - -  
298 596 - - - - -  
299 598 - - - - -  
300 600 - - - - -  
301 602 - - - - -  
302 604 - - - - -  
303 606 - - - - -  
304 608 - - - - -  
305 610 - - - - -  
306 612 - - - - -  
307 614 - - - - -  
308 616 - - - - -  
309 618 - - - - -  
310 620 - - - - -  
311 622 - - - - -  
312 624 - - - - -  
313 626 - - - - -  
314 628 - - - - -  
315 630 - - - - -  
316 632 - - - - -  
317 634 - - - - -  
318 636 - - - - -  
319 638 - - - - -  
320 640 - - - - -  
321 642 - - - - -  
322 644 - - - - -  
323 646 - - - - -  
324 648 - - - - -  
325 650 - - - - -  
326 652 - - - - -  
327 654 - - - - -  
328 656 - - - - -  
329 658 - - - - -  
330 660 - - - - -  
331 662 - - - - -  
332 664 - - - - -  
333 666 - - - - -  
334 668 - - - - -  
335 670 - - - - -  
336 672 - - - - -  
337 674 - - - - -  
338 676 - - - - -  
339 678 - - - - -  
340 680 - - - - -  
341 682 - - - - -  
342 684 - - - - -  
343 686 - - - - -  
344 688 - - - - -  
345 690 - - - - -  
346 692 - - - - -  
347 694 - - - - -  
348 696 - - - - -  
349 698 - - - - -  
350 700 - - - - -  
351 702 - - - - -  
352 704 - - - - -  
353 706 - - - - -  
354 708 - - - - -  
355 710 - - - - -  
356 712 - - - - -  
357 714 - - - - -  
358 716 - - - - -  
359 718 - - - - -  
360 720 - - - - -  
361 722 - - - - -  
362 724 - - - - -  
363 726 - - - - -  
364 728 - - - - -  
365 730 - - - - -  
366 732 - - - - -  
367 734 - - - - -  
368 736 - - - - -  
369 738 - - - - -  
370 740 - - - - -  
371 742 - - - - -  
372 744 - - - - -  
373 746 - - - - -  
374 748 - - - - -  
375 750 - - - - -  
376 752 - - - - -  
377 754 - - - - -  
378 756 - - - - -  
379 758 - - - - -  
380 760 - - - - -  
381 762 - - - - -  
382 764 - - - - -  
383 766 - - - - -  
384 768 - - - - -  
385 770 - - - - -  
386 772 - - - - -  
387 774 - - - - -  
388 776 - - - - -  
389 778 - - - - -  
390 780 - - - - -  
391 782 - - - - -  
392 784 - - - - -  
393 786 - - - - -  
394 788 - - - - -  
395 790 - - - - -  
396 792 - - - - -  
397 794 - - - - -  
398 796 - - - - -  
399 798 - - - - -  
400 800 - - - - -  
401 802 - - - - -  
402 804 - - - - -  
403 806 - - - - -  
404 808 - - - - -  
405 810 - - - - -  
406 812 - - - - -  
407 814 - - - - -  
408 816 - - - - -  
409 818 - - - - -  
410 820 - - - - -  
411 822 - - - - -  
412 824 - - - - -  
413 826 - - - - -  
414 828 - - - - -  
415 830 - - - - -  
416 832 - - - - -  
417 834 - - - - -  
418 836 - - - - -  
419 838 - - - - -  
420 840 - - - - -  
421 842 - - - - -  
422 844 - - - - -  
423 846 - - - - -  
424 848 - - - - -  
425 850 - - - - -  
426 852 - - - - -  
427 854 - - - - -  
428 856 - - - - -  
429 858 - - - - -  
430 860 - - - - -  
431 862 - - - - -  
432 864 - - - - -  
433 866 - - - - -  
434 868 - - - - -  
435 870 - - - - -  
436 872 - - - - -  
437 874 - - - - -  
438 876 - - - - -  
439 878 - - - - -  
440 880 - - - - -  
441 882 - - - - -  
442 884 - - - - -  
443 886 - - - - -  
444 888 - - - - -  
445 890 - - - - -  
446 892 - - - - -  
447 894 - - - - -  
448 896 - - - - -  
449 898 - - - - -  
450 900 - - - - -  
451 902 - - - - -  
452 904 - - - - -  
453 906 - - - - -  
454 908 - - - - -  
455 910 - - - - -  
456 912 - - - - -  
457 914 - - - - -  
458 916 - - - - -  
459 918 - - - - -  
460 920 - - - - -  
461 922 - - - - -  
462 924 - - - - -  
463 926 - - - - -  
464 928 - - - - -  
465 930 - - - - -  
466 932 - - - - -  
467 934 - - - - -  
468 936 - - - - -  
469 938 - - - - -  
470 940 - - - - -  
471 942 - - - - -  
472 944 - - - - -  
473 946 - - - - -  
474 948 - - - - -  
475 950 - - - - -  
476 952 - - - - -  
477 954 - - - - -  
478 956 - - - - -  
479 958 - - - - -  
480 960 - - - - -  
481 962 - - - - -  
482 964 - - - - -  
483 966 - - - - -  
484 968 - - - - -  
485 970 - - - - -  
486 972 - - - - -  
487 974 - - - - -  
488 976 - - - - -  
489 978 - - - - -  
490 980 - - - - -  
491 982 - - - - -  
492 984 - - - - -  
493 986 - - - - -  
494 988 - - - - -  
495 990 - - - - -  
496 992 - - - - -  
497 994 - - - - -  
498 996 - - - - -  
499 998 - - - - -  
500 1000 - - - - -  
501 1002 - - - - -  
502 1004 - - - - -  
503 1006 - - - - -  
504 1008 - - - - -  
505 1010 - - - - -  
506 1012 - - - - -  
507 1014 - - - - -  
508 1016 - - - - -  
509 1018 - - - - -  
510 1020 - - - - -  
511 1022 - - - - -  
512 1024 - - - - -  
513 1026 - - - - -  
514 1028 - - - - -  
515 1030 - - - - -  
516 1032 - - - - -  
517 1034 - - - - -  
518 1036 - - - - -  
519 1038 - - - - -  
520 1040 - - - - -  
521 1042 - - - - -  
522 1044 - - - - -  
523 1046 - - - - -  
524 1048 - - - - -  
525 1050 - - - - -  
526 1052 - - - - -  
527 1054 - - - - -  
528 1056 - - - - -  
529 1058 - - - - -  
530 1060 - - - - -  
531 1062 - - - - -  
532 1064 - - - - -  
533 1066 - - - - -  
534 1068 - - - - -  
535 1070 - - - - -  
536 1072 - - - - -  
537 1074 - - - - -  
538 1076 - - - - -  
539 1078 - - - - -  
540 1080 - - - - -  
541 1082 - - - - -  
542 1084 - - - - -  
543 1086 - - - - -  
544 1088 - - - - -  
545 1090 - - - - -  
546 1092 - - - - -  
547 1094 - - - - -  
548 1096 - - - - -  
549 1098 - - - - -  
550 1100 - - - - -  
551 1102 - - - - -  
552 1104 - - - - -  
553 1106 - - - - -  
554 1108 - - - - -  
555 1110 - - - - -  
556 1112 - - - - -  
557 1114 - - - - -  
558 1116 - - - - -  
559 1118 - - - - -  
560 1120 - - - - -  
561 1122 - - - - -  
562 1124 - - - - -  
563 1126 - - - - -  
564 1128 - - - - -  
565 1130 - - - - -  
566 1132 - - - - -  
567 1134 - - - - -  
568 1136 - - - - -  
569 1138 - - - - -  
570 1140 - - - - -  
571 1142 - - - - -  
572 1144 - - - - -  
573 1146 - - - - -  
574 1148 - - - - -  
575 1150 - - - - -  
576 1152 - - - - -  
577 1154 - - - - -  
578 1156 - - - - -  
579 1158 - - - - -  
580 1160 - - - - -  
581 1162 - - - - -  
582 1164 - - - - -  
583 1166 - - - - -  
584 1168 - - - - -  
585 1170 - - - - -  
586 1172 - - - - -  
587 1174 - - - - -  
588 1176 - - - - -  
589 1178 - - - - -  
590 1180 - - - - -  
591 1182 - - - - -  
592 1184 - - - - -  
593 1186 - - - - -  
594 1188 - - - - -  
595 1190 - - - - -  
596 1192 - - - - -  
597 1194 - - - - -  
598 1196 - - - - -  
599 1198 - - - - -  
600 1200 - - - - -  
601 1202 - - - - -  
602 1204 - - - - -  
603 1206 - - - - -  
604 1208 - - - - -  
605 1210 - - - - -  
606 1212 - - - - -  
607 1214 - - - - -  
608 1216 - - - - -  
609 1218 - - - - -  
610 1220 - - - - -  
611 1222 - - - - -  
612 1224 - - - - -  
613 1226 - - - - -  
614 1228 - - - - -  
615 1230 - - - - -  
616 1232 - - - - -  
617 1234 - - - - -  
618 1236 - - - - -  
619 1238 - - - - -  
620 1240 - - - - -  
621 1242 - - - - -  
622 1244 - - - - -  
623 1246 - - - - -  
624 1248 - - - - -  
625 1250 - - - - -  
626 1252 - - - - -  
627 1254 - - - - -  
628 1256 - - - - -  
629 1258 - - - - -  
630 1260 - - - - -  
631 1262 - - - - -  
632 1264 - - - - -  
633 1266 - - - - -  
634 1268 - - - - -  
635 1270 - - - - -  
636 1272 - - - - -  
637 1274 - - - - -  
638 1276 - - - - -  
639 1278 - - - - -  
640 1280 - - - - -  
641 1282 - - - - -  
642 1284 - - - - -  
643 1286 - - - - -  
644 1288 - - - - -  
645 1290 - - - - -  
646 1292 - - - - -  
647 1294 - - - - -  
648 1296 - - - - -  
649 1298 - - - - -  
650 1300 - - - - -  
651 1302 - - - - -  
652 1304 - - - - -  
653 1306 - - - - -  
654 1308 - - - - -  
655 1310 - - - - -  
656 1312 - - - - -  
657 1314 - - - - -  
658 1316 - - - - -  
659 1318 - - - - -  
660 1320 - - - - -  
661 1322 - - - - -  
662 1324 - - - - -  
663 1326 - - - - -  
664 1328 - - - - -  
665 1330 - - - - -  
666 1332 - - - - -  
667 1334 - - - - -  
668 1336 - - - - -  
669 1338 - - - - -  
670 1340 - - - - -  
671 1342 - - - - -  
672 1344 - - - - -  
673 1346 - - - - -  
674 1348 - - - - -  
675 1350 - - - - -  
676 1352 - - - - -  
677 1354 - - - - -  
678 1356 - - - - -  
679 1358 - - - - -  
680 1360 - - - - -  
681 1362 - - - - -  
682 1364 - - - - -  
683 1366 - - - - -  
684 1368 - - - - -  
685 1370 - - - - -  
686 1372 - - - - -  
687 1374 - - - - -  
688 1376 - - - - -  
689 1378 - - - - -  
690 1380 - - - - -  
691 1382 - - - - -  
692 1384 - - - - -  
693 1386 - - - - -  
694 1388 - - - - -  
695 1390 - - - - -  
696 1392 - - - - -  
697 1394 - - - - -  
698 1396 - - - - -  
699 1398 - - - - -  
700 1400 - - - - -  
701 1402 - - - - -  
702 1404 - - - - -  
703 1406 - - - - -  
704 1408 - - - - -  
705 1410 - - - - -  
706 1412 - - - - -  
707 1414 - - - - -  
708 1416 - - - - -  
709 1418 - - - - -  
710 1420 - - - - -  
711 1422 - - - - -  
712 1424 - - - - -  
713 1426 - - - - -  
714 1428 - - - - -  
715 1430 - - - - -  
716 1432 - - - - -  
717 1434 - - - - -  
718 1436 - - - - -  
719 1438 - - - - -  
720 1440 - - - - -  
721 1442 - - - - -  
722 1444 - - - - -  
723 1446 - - - - -  
724 1448 - - - - -  
725 1450 - - - - -  
726 1452 - - - - -  
727 1454 - - - - -  
728 1456 - - - - -  
729 1458 - - - - -  
730 1460 - - - - -  
731 1462 - - - - -  
732 1464 - - - - -  
733 1466 - - - - -  
734 1468 - - - - -  
735 1470 - - - - -  
736 1472 - - - - -  
737 1474 - - - - -  
738 1476 - - - - -  
739 1478 - - - - -  
740 1480 - - - - -  
741 1482 - - - - -  
742 1484 - - - - -  
743 1486 - - - - -  
744 1488 - - - - -  
745 1490 - - - - -  
746 1492 - - - - -  
747 1494 - - - - -  
748 1496 - - - - -  
749 1498 - - - - -  
750 1500 - - - - -  
751 1502 - - - - -  
752 1504 - - - - -  
753 1506 - - - - -  
754 1508 - - - - -  
755 1510 - - - - -  
756



Thurs-day 8 a.m.

# WEATHER REPORT.

Oct: 8<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea 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.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29.54	- .04	49	48	+9	*	*	S	2	10	S	*	ro	*	*
Hernösand ...	29.48	+ .03	48	44	+1	*	*	S	6	6	S	*	o	*	*
Stockholm ...	29.59	- .13	42	?	-9	*	*	?	?	?	?	*	?	*	*
Wisby ...	29.91	+ .04	53	51	+2	*	*	SN	4	4	S	*	t	*	*
Christiansund ...	29.54	+ .66	45	41	-3	*	*	NNN	4	0	Z	*	e	*	5
Skudesnaes ...	29.55	+ .30	49	48	-2	*	*	NNN	2	6	S	*	r	*	6
Oxö (X'tiansand)	29.54	+ .30	?	50	?	*	*	SN	4	10	SSN	*	rf	*	3
Skagen (The Skaw)						*	*					*		*	*
Fanö ...						*	*					*		*	*
Cuxhaven ...	29.80 r	+ .15	51	50	+3	58	?	SN	3	7	SSN	7	o	-	*
Sumburgh Head	29.65 r	+ .82	40	37	-8	53	37	N	5	6	N	5	po	0.11	4
Stornoway (Hebrides)	29.73 r	+ .84	38	37	-6	48	36	NNN	1	6	NNN	9	po	0.18	4
Thurso ...	29.72 r	+ .85	38	37	-7	52	37	SSN	1	6	N	7	po	0.15	3
Wick ...	29.71 r	+ .85	40	39	-6	51	36	Z	0	5	NN	5	e	0.08	0
Nairn ...	29.77 r	+ .79	38	36	-10	52	35	Z	0	2	SN	0	cb	-	1
Aberdeen ...	29.79 r	+ .80	37	36	-10	56	35	NNN	1	6	NNN	1	cb	-	1
Leith ...	29.83 r	+ .75	42	41	-7	60	41	NN	4	4	NN	5	e	-	*
Shields ...	29.84 r	+ .69	47	40	-3	53	40	NN	1	3	N	6	mc	-	1
York ...	29.95 r	+ .70	43	41	-6	57	38	N	1	2	SN	3	cb	0.14	*
Scarborough ...	29.86 r	+ .68	46	45	-4	53	45	NN	1	2	NNN	7	oc	0.06	2
Nottingham ...	29.87 r	+ .63	40	39	?	57	37	NNN	1	4	NNN	1	plw	0.15	*
Ardrossan ...	29.81 r	+ .72	41	39	-10	53	37	ESE	2	6	NN	3	cm	0.06	1
Greencastle ...	29.81 r	+ .67	41	40	-7	49	40	S	1	4	NNN	2	cb	0.17	*
Donaghadee ...	29.81 r	+ .68	37	36	-9	53	35	N	0	5	NN	2	cb	0.03	2
Kingstown ...	29.89 r	+ .68	42	39	-7	54	41	S	1	7	NN	0	gb	0.03	1
Holyhead ...	29.82 r	+ .68	46	43	-5	55	43	NNN	1	5	NNN	3	pb	0.03	2
Liverpool (Bidston Obs.)	29.88 r	+ .69	44	43	-6	55	44	NNN	2	6	NNN	9	op	0.21	2
Valencia ...	29.73 f	+ .32	51	48	-1	58	42	S	5	6	N	7	c	0.03	5
Roche's Point ...	29.82 r	+ .49	49	46	0	53	39	S	5	6	NNN	7	gc	-	4
Pembroke ...	29.91 r	+ .64	48	43	-6	55	47	NNN	1	7	N	0	oc	-	2
Portishead ...	29.91 r	+ .65	49	46	-1	62	41	NN	2	6	N	2	cm	0.06	2
Scilly ...	29.95 r	+ .57	49	46	-4	56	46	S	2	6	NNN	3	cb	0.06	5
Plymouth ...	29.96 r	+ .66	44	44	-8	58	40	NE	1	4	N	6	pf	0.14	*
Hurst Castle ...	29.95 r	+ .71	48	46	-10	65	42	NNN	1	6	?	0	gb	0.28	3
Dover ...	29.92 r	+ .54	47	45	-9	59	44	NNN	3	5	N	0	cb	-	2
London ...	29.93 r	+ .63	45	43	-11	60	37	NNN	1	5	S	0	oc	0.38	*
Oxford ...	29.94	+ .69	40	40	-12	57	37	N	1	3	NNN	0	cf	0.28	*
Cambridge ...	29.92 r	+ .58	44	42	-11	56	40	NE	1	2	SSN	0	rb	0.50	*
Yarmouth ...	29.86 r	+ .54	43	43	-11	56	41	N	2	6	SSN	3	rm	0.19	3
Helder ...	29.80	+ .32	54	*	+3	*	*	S	3	*	*	*	*	*	2
Cape Gris Nez ...	29.89 r	+ .44	50	46	-4	61	48	NNN	3	8	SSN	1	cb	0.04	2
Brest ...	29.02 r	+ .54	52	50	0	60	50	NN	3	7	NNN	3	rb	0.04	3
L'Orient ...	29.99 r	?	50	46	-6	63	49	NN	1	8	NN	1	rb	-	2
Rochefort ...	29.91 r	+ .14	57	52	+2	64	53	NN	7	9	N	10	ro	0.24	3
Biarritz ...	30.06 r	+ .27	55	53	-8	63	54	SN	3	7	NN	10	om	0.12	4
Corunna ...						*	*				*	*		*	*
Brussels ...	29.91	+ .29	50	*	-2	*	*	SN	1	*	*	*	o	*	*
Charleville ...	?	?	51	*	+4	*	*	SN	3	*	*	*	o	*	*
Paris ...	30.00 r	+ .32	48	*	-2	63	44	S	4	8	SN	6	oc	-	*
Lyons ...	?	?	59	*	-4	*	*	NN	3	*	*	*	r	*	*
Toulon ...	29.99 f	- .06	57	53	-3	67	57	E	5	4	E	9	o	0.12	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.15	53	50	S	6	*	0	7	Valencia ...	29.64	56	51	N	6	6	5
Thurso ...	29.10	47	45	?	6	7	p	5	Scilly ...	29.58	56	52	NNN	6	6	6
Scarborough...	29.23	51	50	NNN	2	10	o	2	London ...	29.41	56	52	NNN	3	8	5
Greencastle ...	29.38	46	45	NNN	4	8	o	*	Rochefort...	29.78	59	55	N	9	10	5
Holyhead ...	29.31	52	50	NNN	5	6	pg	4								

Pressure continues to increase generally, rapidly in the NW. and the wind is veering to the NW with squalls and showers in the N.

## EXPLANATION OF COLUMNS.

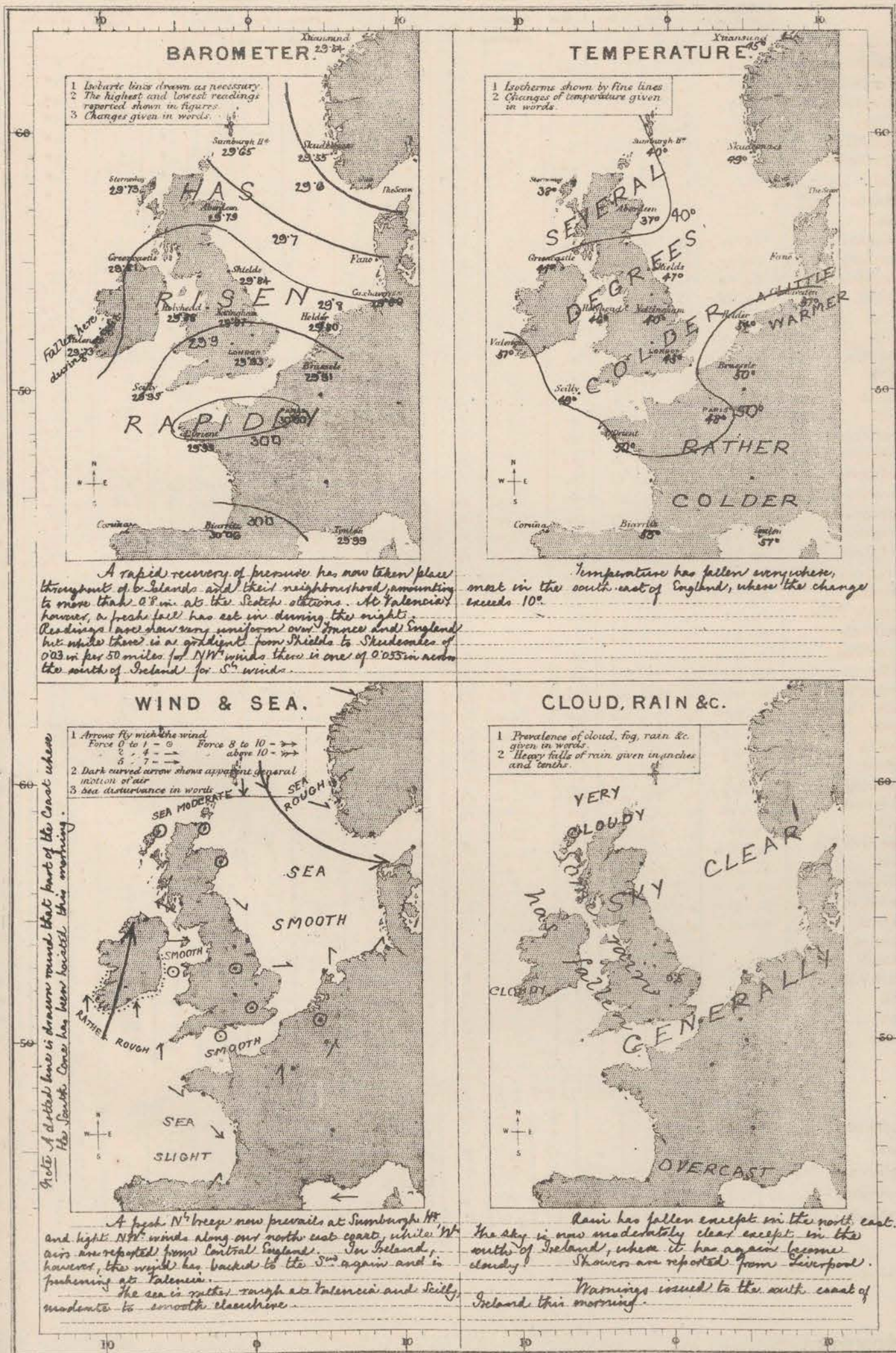
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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

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

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



# WEATHER CHARTS AND REMARKS FOR THURSDAY 8<sup>TH</sup> OCTOBER 1874 AT 8 A.M.



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

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

Dangerfield Lith. London.



Fri. day 8 a.m.

# WEATHER REPORT.

Oct 9<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)					Dirce.
Haparanda ...	30.17	- .37	40	39	-9	*	*	N	4	4	S	*	oc	*	*
Hernösand ...	30.18	- .30	34	33	-14	*	*	Z	0	0	Z	*	ob	*	*
Stockholm ...	30.09	- .50	46	46	+4	*	*	E	1	2	SSW	*	bf	*	*
Wisby ...	30.13	+ .22	51	50	-2	*	*	S	2	2	N	*	c	*	*
Christiansund...	29.92	+ .38	43	41	-2	*	*	Z	0	0	Z	*	b	*	2
Skudesnaes ...	29.93	+ .38	48	44	-1	*	*	ESE	6	2	SSE	*	bc	*	5
Oxö (Xtiansand)	30.01	+ .47	43	42	?	*	*	?N	2	4	SN	*	fb	*	2
Skagen (The Skaw)						*	*					*		*	*
Fanö ...						*	*					*		*	*
Cuxhaven ...	30.09r	+ .19	41	41	-10	?	?	SSW	2	3	SN	2	cb	*	*
Sumburgh Head															
Sternoway (Hebrides)	29.04f	- .69	50	49	+12	52	37	NSW	7	9	SSE	10	ud	0.03	8
Thurso...	29.33f	- .39	50	48	+12	52	36	SSE	7	7	SSE	8	og	0.01	3
Wick ...	29.39f	- .32	50	48	+10	50	38	S	9	10	S	10	o	0.07	7
Nairn ...	29.34f	- .43	52	48	+12	52	36	SN	2	8	SN	2	b	*	2
Aberdeen ...	29.50f	- .29	50	48	+13	50	37	S	8	8	S	10	bo	0.23	7
Leith ...	29.51f	- .32	52	50	+10	54	41	SN	4	3	S	4	e	*	*
Shields...	29.64f	- .20	49	49	+2	54	40	SN	4	4	SN	8	co	0.02	2
York ...	29.76f	- .19	50	49	+7	54	40	S	2	1	S	6	oc	0.22	*
Scarborough ...	29.73f	- .13	48	48	+2	52	43	SSW	5	3	SE	10	40	0.16	4
Nottingham ...	29.74f	- .13	51	50	+11	59	39	SSE	4	4	SSE	10	mr	0.09	*
Ardrossan ...	29.49f	- .32	52	50	+11	55	41	NSW	3	7	SN	9	at	0.07	4
Greencastle ...	29.50f	- .31	49	48	+8	52	40	NSW	4	9	SSE	10	gp	0.06	*
Donaghadee ...	29.54f	- .27	49	49	+12	53	37	S	4	7	SSE	10	co	0.22	3
Kingstown ...	29.63f	- .26	51	47	+9	55	42	NSW	3	6	SSE	8	o	0.35	3
Holyhead ...	29.64f	- .24	53	50	+7	54	45	SSW	4	7	SSW	4	tyc	0.35	4
Liverpool (Bidston Obs.)	29.68f	- .20	53	51	+9	53	44	SSE	2	6	SE	2	cb	0.02	1
Valencia ...	29.68r	- .05	50	48	-1	56	49	N	3	8	S	6	rp	1.01	4
Roche's Point...	29.70r	- .12	48	46	-1	53	42	N	3	9	SSW	4	tc	0.95	4
Pembroke ...	29.71f	- .20	55	52	+7	55	48	N	5	8	NSW	8	o	0.19	6
Portishead ...	29.77f	- .14	50	49	+1	59	46	SSW	4	5	NSW	9	pg	0.14	2
Scilly ...	29.81r	- .14	54	52	+5	56	47	NSW	5	7	S	6	oa	0.09	6
Plymouth ...	29.80f	- .16	54	54	+10	56	44	NSW	1	7	SN	0	gf	0.08	*
Hurst Castle ...	29.83f	- .12	57	56	+9	60	48	SN	6	6	SN	10	bd	0.08	5
Dover ...	29.89f	- .03	56	52	+9	56	47	SN	4	4	N	6	tu	*	4
London ...	29.88f	- .05	55	52	+10	58	42	SSW	3	3	SSW	10	bo	*	*
Oxford...	29.81	- .13	53	53	+13	53	40	S	2	2	S	10	er	0.19	*
Cambridge ...	29.85f	- .07	50	48	+6	57	38	SSW	1	1	NSW	10	or	0.03	*
Yarmouth ...	29.93f	+ .07	53	53	+10	54	42	SSW	3	3	SN	10	co	*	4
Helder...	30.03	+ .23	45	*	-9	*	*	S	3	*	*	*	*	*	2
Cape Gris Nez...	29.97f	+ .08	51	47	+1	58	47	SSW	4	3	SSW	9	bo	*	3
Brest ...															
L'Orient ...	29.91f	- .08	59	55	+9	61	50	SN	5	5	SN	9	a	*	4
Rochefort ...	30.04f	+ .13	56	54	-1	72	52	SSE	4	7	NN	10	o	*	3
Biarritz ...	30.04r	- .02	63	59	+8	63	57	S	3	3	SN	8	o	*	4
Corunna ...						*	*				*	*	*	*	*
Brussels ...						*	*				*	*	*	*	*
Charleville ...	30.12	?	41	*	-10	*	*	ESE	1	*	*	*	c	*	*
Paris ...	30.08r	+ .08	46	*	-2	58	42	SE	4	4	S	10	ro	*	*
Lyons ...	?	?	56	*	-3	*	*	S	1	*	*	*	m	*	*
Toulon...	30.18r	+ .19	59	54	+2	63	54	Z	0	5	E	4	ro	0.08	2

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

	Bar.	Dry.	Wet.	Wind.	O.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wca.	Sea.
Skudesnaes ...	29.80	49	45	NN	6	*	c	5	Valencia ...	29.52	52	52	S	7	9
Thurso ...	29.78	48	43	SSW	2	5	c	2	Scilly ...	29.89	56	52	S	6	8
Scarborough ...	29.90	50	48	SE	3	7	c	3	London ...	29.98	54	47	SN	2	6
Greencastle ...	29.70	47	43	SSE	6	9	qf	*	Rochefort ...	30.10	69	58	E	3	4
Holyhead ...	29.86	51	46	S	3	4	c	3							

The fall of the barometer noticed at Valencia this morning has continued rapidly and extended to all our N stations. Even London has begun to feel the change. The wind has backed to S. on all our N coasts and increased to a moderate gale at Valencia, with rain and a rough sea. All our N and S coasts have been warned to day.

## EXPLANATION OF COLUMNS.

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

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

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



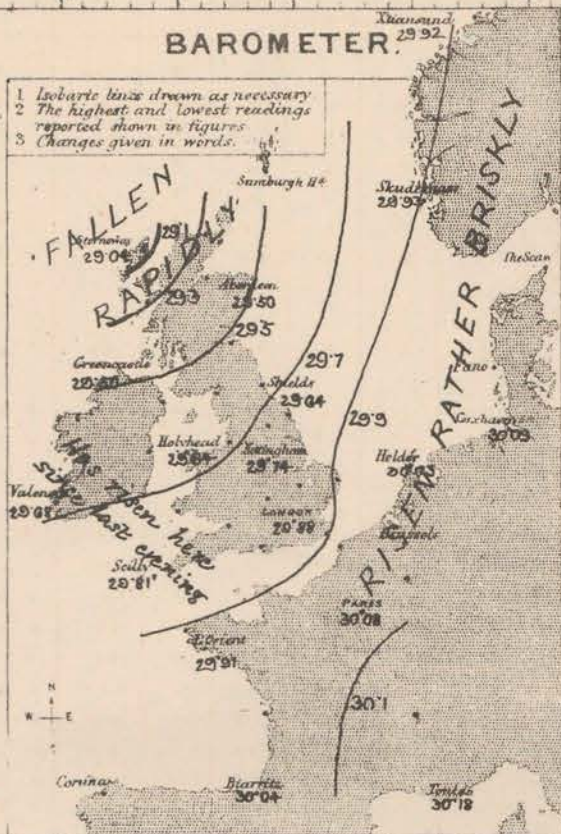
# WEATHER CHARTS

AND REMARKS FOR

FRIDAY 9<sup>TH</sup> OCTOBER 1874 AT 8 A.M.

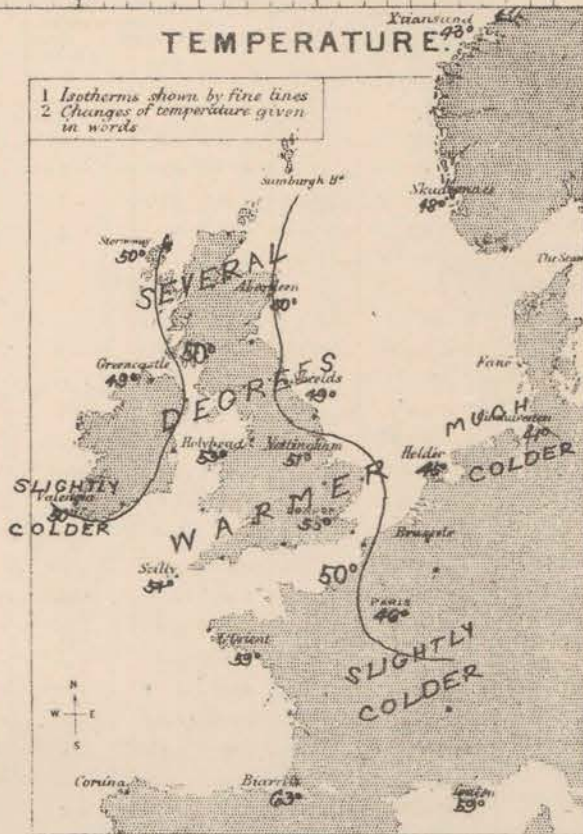
## BAROMETER.

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



## TEMPERATURE.

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

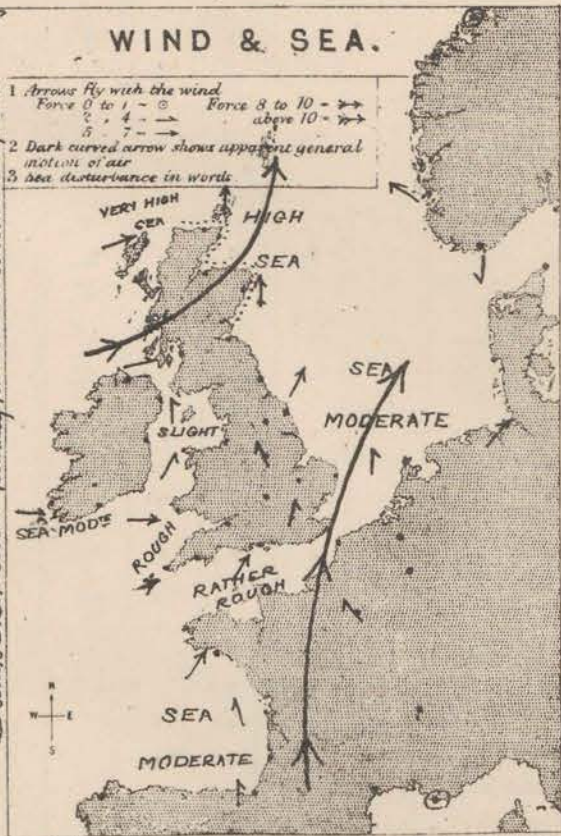


The fall of the barometer noticed in the south of Ireland yesterday has travelled N.W. and become very rapid in the N.W. of Scotland, off which coast the centre of a deep depression is now lying. The highest readings are reported from the North Atlantic, and while the gradient from Paris to Brema is 0.06 in. that from Leith to Stormoway is 0.16 in. per 50 miles for S.W. winds.

Temperature has risen rapidly over the north-west of France, Britain and the north of Ireland.

## WIND & SEA.

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



Strong S. gales were experienced in Ireland yesterday or during the night, and moderate S.W. gales in the west and south-west of Britain. These have subsided, and the wind has veered towards W. in Ireland, but hard S. gales are now blowing in the north-east of Scotland, and a W.S.W. gale at Stormoway. Elsewhere the winds are light to moderate from the S.W. The sea is very high in the north, rough off the S.W. and south coast of England, moderate elsewhere.

## CLOUD, RAIN & C.

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



Rain has again fallen, except in France, and the extreme north-east of our Islands. The sky is overcast except in the north-west, with rain over Central England.

All our coasts were warmed yesterday. Signals lowered again this morning except in the north and east of Scotland.

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

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

Dunfermline Lith. 22-23 Bedford St. Covent Garden



Satur - day 8 a.m.

# WEATHER REPORT.

Oct. 10<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS.				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. — (0 to 12.)	Force. — (0 to 12.)					Dirce.
Haparanda ...						*	*					*		*	*
Hernösand ...	30.20	+ .02	45	45	+11	*	*	Z	0	4	NE	*	rf	*	*
Stockholm ...	30.22	+ .10	45	44	-1	*	*	Z	0	0	Z	*	f	*	*
Wisby ...	30.25	+ .12	48	47	-3	*	*	NE	2	2	NE	*	bf	*	*
Christiansund ...	29.94	+ .02	50	46	+7	*	*	SE	2	0	Z	*	bc	*	2
Skudesnaes ...	29.94	+ .01	54	53	+6	*	*	SE	6	?	SSE	*	o	*	*
Oxö (Christiansand) ...	30.02	+ .01	54	52	+11	*	*	S	6	6	S	*	o	*	5
Skagen (The Skaw) ...	30.15	+ .11	54	52	+6	*	*	S	2	2	S	*	b	-	*
Fanö ...	30.09	+ .06	48	47	?	*	*	S	4	4	S	*	bc	-	*
Cuxhaven ...	30.15 r	+ .06	48	47	+7	?	40	SSW	1	2	S	*	c	-	*
Sumburgh Head.															
Stornoway (Hebrides) ...	29.55 r	+ .51	47	46	-2	52	43	NSW	2	8	S	10	pw	0.22	5
Thurso ...	29.60 s	+ .27	49	48	-1	58	41	Z	0	7	S	10	r	0.22	0
Wick ...	29.59 s	+ .20	52	51	+2	56	46	SW	1	6	S	10	co	0.01	2
Nairn ...	29.60 f	+ .26	51	49	-1	55	45	SW	1	3	SW	8	bo	-	1
Aberdeen ...	29.65 f	+ .15	52	50	+2	57	46	S	4	8	S	10	bg	0.01	5
Leith ...	29.70 f	+ .19	54	53	+2	60	48	NSW	2	3	SW	10	cr	0.08	*
Shields ...	29.85 r	+ .21	50	50	+1	55	46	SW	5	5	SW	9	opg	-	2
York ...	29.94 r	+ .18	48	47	-2	59	43	S	1	2	N	9	co	-	*
Scarborough ...	29.91 r	+ .18	48	47	0	58	45	SW	3	4	SSW	10	o	-	2
Nottingham ...	29.97 r	+ .23	49	48	-2	62	42	SSE	2	4	SSW	9	m	-	*
Ardrossan ...	29.69 f	+ .20	55	52	+3	56	52	SW	2	6	SW	7	cp	0.29	3
Greencastle ...	29.71 r	+ .21	49	48	0	52	47	SW	2	5	S	5	c	0.08	*
Donaghadee ...	29.73 r	+ .19	51	50	+2	54	49	SE	3	4	S	10	co	0.14	2
Kingstown ...	29.80 r	+ .17	53	52	+2	57	51	SW	1	4	NSW	10	cr	0.09	1
Holyhead ...	29.81 f	+ .17	56	56	+3	57	52	SEW	4	5	SW	10	gr	0.24	3
Liverpool (Bidston Obs.) ...	29.86 s	+ .18	55	52	+2	57	46	SSW	4	5	SEW	10	aw	-	2
Valencia ...	29.85 r	+ .17	53	50	+3	57	49	W	3	6	NSW	5	rp	0.38	4
Roche's Point ...	29.85 r	+ .15	53	52	+5	58	52	NSW	3	6	SW	8	cro	0.35	4
Pembroke ...	29.91 r	+ .20	57	55	+2	57	53	SW	7	7	SW	10	aw	0.03	5
Portishead ...	30.02 r	+ .25	54	52	+4	65	46	S	3	5	W	10	g	-	2
Scilly ...	30.03 r	+ .22	56	55	+2	59	53	SW	5	5	SW	8	co	-	6
Plymouth ...	30.07 r	+ .27	56	55	+2	61	50	SW	4	4	SW	10	co	-	*
Hurst Castle ...	30.10 r	+ .27	58	55	+1	66	54	NSW	5	5	NSW	8	p	0.11	3
Dover ...	30.13 r	+ .24	51	50	-5	60	49	SW	1	5	SW	3	cb	0.28	1
London 9 a.m. ...	30.10 r	+ .22	57	54	+2	60	43	SW	2	3	SW	4	bo	0.09	*
Oxford ...	30.06	+ .25	49	48	-4	61	42	S	2	3	S	8	cm	0.06	*
Cambridge ...	30.08 r	+ .23	48	47	-2	59	41	SSW	1	2	SSW	4	re	0.16	*
Yarmouth ...	30.09 r	+ .16	49	48	-4	59	46	SSW	2	4	S	3	dm	0.06	3
Helder ...	30.09	+ .06	56	*	+11	*	*	SW	3	*	*	*	*	*	2
Cape Gris Nez ...	30.12 r	+ .15	57	53	+6	62	50	SW	3	4	SEW	5	co	0.04	2
Brest ...	30.17 r	+ .29	57	57	+2	62	54	SW	3	3	SW	3	b	0.04	4
L'Orient ...	30.18 r	+ .27	54	52	-5	64	52	W	1	7	SW	2	ob	-	3
Rochefort ...	30.24 r	+ .20	58	56	+2	69	54	S	4	5	W	5	c	-	3
Biarritz ...	30.16 r	+ .12	57	55	+6	68	55	SW	1	3	SW	5	cf	-	5
Corunna ...	30.19	+ .11	60	*	0	*	*	ENE	3	*	*	*	of	*	1
Brussels ...	30.18	+ .05	54	*	-2	*	*	NSW	3	*	*	*	?	*	*
Charleville ...	30.22	+ .10	49	*	+8	*	*	SE	1	*	*	*	o	*	*
Paris ...	30.22 r	+ .14	55	*	+9	63	46	SW	1	5	SSE	10	o	-	*
Lyons ...	?	?	57	*	+1	*	*	W	1	*	*	*	f	*	*
Toulon ...															

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.87	52	49	SE	8	*	r	6	Valencia ...	29.77	55	50	NSW	4	4	c	4
Thurso ...	29.50	54	50	SW	3	6	c	3	Scilly ...	29.92	57	54	NSW	4	4	a	6
Scarborough...	29.78	57	53	SW	3	9	o	3	London ...	29.90	58	57	SW	3	10	cro	*
Greencastle ...	29.63	52	50	SW	4	4	c	*	Rochefort...	30.10	68	59	SW	4	5	c	3
Holyhead ...	29.77	55	51	SW	4	3	b	3									

Pressure has increased generally, and the gale in the N. has apparently subsided. In Ireland, however, the wind exhibits a tendency to "back" again but the weather is fair and the sea going down.

## EXPLANATION OF COLUMNS.

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

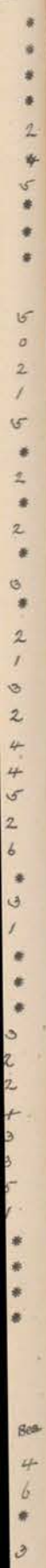
\* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

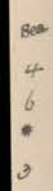


## AND REMARKS FOR

Sea  
Distur-  
ance.  
—  
0 to 8.



Temperature has fallen somewhat over the central and south-eastern parts of England, but risen elsewhere.



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

ND  
dark,  
ility,  
and



Sun-day 8 a.m.

## WEATHER REPORT.

Oct: 11<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	30.21		43	43		*	*	S	1	2	NE	*	of	*	*
Hernösand ...	30.23	+ .03	41	40	-4	*	*	S	2	0	Z	*	f	*	*
Stockholm ...	30.25	+ .03	44	42	-1	*	*	SSW	2	0	Z	*	f	*	*
Wisby ...	30.34	+ .09	48	47	0	*	*	E	2	2	NE	*	c	*	*
Christiansund ...	29.95	+ .01	50	49	0	*	*	SW	4	8	SE	*	c	*	4
Skudesnaes ...	29.93	- .01	54	53	0	*	*	SSE	6	9	SSE	*	r	*	5
Oxö (X'tiansand) ...	30.04	+ .02	53	53	-1	*	*	SSE	4	4	SSW	*	cn	*	3
Skagen (The Skaw) ...	30.13	- .02	53	52	-1	*	*	SSW	4	4	SSW	*	rn	0.08	*
Fanö ...	30.14	+ .05	52	51	+4	*	*	S	4	2	SSW	*	c	-	*
Cuxhaven ...	30.22 r	+ .07	47	46	-1	59	?	SSW	1	2	NSW	9	bf	-	*
Sumburgh Head ...	29.61 r	.00	49	49	-1	51	49	S	7	7	SSW	10	rd	0.45	6
Stornoway (Hebrides) ...	29.53 f	- .02	45	44	-2	51	39	N	2	7	SSE	2	plb	0.23	4
Thurso ...	29.63 f	+ .03	49	46	0	57	39	S	3	2	NSW	7	c	0.06	2
Wick ...	29.62 f	+ .03	50	44	-2	55	42	SW	3	4	SW	4	c	0.20	2
Nairn ...	29.65 f	+ .05	50	45	-1	55	41	SSW	3	3	SW	1	b	0.02	2
Aberdeen ...	29.73 f	+ .08	50	48	-2	57	47	S	4	4	S	8	bn	-	4
Leith ...	29.80 f	+ .10	56	53	+2	61	46	N	4	4	SW	2	cb	-	*
Shields ...	29.94 r	+ .09	51	49	+1	55	47	SW	3	4	NSW	3	pcb	0.03	1
York ...	30.09 r	+ .15	55	53	+7	60	43	SW	1	1	S	0	cb	0.02	*
Scarborough ...	30.00 r	+ .09	55	53	+7	56	48	SW	4	4	SW	2	cb	0.06	4
Nottingham ...	30.10 r	+ .10	55	54	+6	61	48	S	3	6	SSW	7	om	-	*
Ardrossan ...	29.81 f	+ .12	53	48	-2	57	51	NSW	5	6	NSW	4	pc	0.12	4
Greencastle ...	29.82 f	+ .11	50	48	+1	51	46	SW	5	3	SW	2	cb	0.15	*
Donaghadee ...	29.87 s	+ .14	51	50	0	56	45	SSE	4	4	SSE	7	oc	0.02	2
Kingstown ...	29.95 s	+ .15	54	50	+1	57	51	SW	5	5	N	4	c	0.06	3
Holyhead ...	29.99 r	+ .18	54	52	-2	59	51	SW	4	4	SW	7	rm	0.36	3
Liverpool (Bidston Obs.) ...	30.02 r	+ .16	54	50	-1	56	50	S	2	3	SW	6	oc	0.28	2
Valencia ...	30.01 r	+ .16	55	53	+2	58	50	NSW	4	4	N	7	c	-	3
Roche's Point ...	30.30 r	+ .15	52	51	-1	57	49	SW	4	4	SW	9	cg	0.03	4
Pembroke ...	30.06 r	+ .15	55	52	-2	58	50	SW	3	7	SW	2	ov	0.05	3
Portishead ...	30.10 r	+ .08	55	55	+1	64	51	NSW	1	4	NSW	9	go	-	1
Scilly ...	30.14 r	+ .11	56	56	0	61	54	SW	4	6	SW	7	oc	0.01	5
Plymouth ...	30.15 r	+ .08	56	56	0	62	55	SW	1	5	SW	10	pm	0.11	*
Hurst Castle ...	30.17 r	+ .07	59	57	+1	66	57	NSW	4	5	NSW	10	o	-	3
Dover ...															
London ...	30.17 r	+ .07	58	55	+1	63	52	SW	2	4	SW	9	cbo	-	*
Oxford ...	30.11	+ .05	56	55	+7	61	54	S	2	4	S	10	od	-	*
Cambridge ...	30.14 r	+ .06	54	53	+6	61	46	SSW	1	2	SSW	10	mo	-	*
Yarmouth ...	30.14 r	+ .05	56	54	+6	59	48	SW	3	3	SSW	7	mc	-	3
Helder ...															
Cape Gris Nez ...	30.20 r	+ .08	54	50	-3	61	50	SW	3	4	SW	4	oc	-	2
Brest ...	30.24 r	+ .07	57	57	0	62	56	SW	3	4	SW	7	o	-	4
L'Orient ...	30.22 r	+ .04	50	50	-4	64	49	?	1	3	SW	10	cf	-	3
Rochefort ...	30.20 f	- .04	56	54	-2	73	54	E NE	3	4	S	6	e	-	3
Biarritz ...	30.21 r	+ .05	59	57	+2	67	55	SE	1	1	N	9	fo	-	3.6
Corunna ...	30.20	+ .04	58	*	-2	*	*	Z	0	*	*	*	f	*	1
Brussels ...	30.25	+ .07	50	*	-4	*	*	N	3	*	*	*	b	*	*
Charleville ...	30.25	+ .00	49	*	0	*	*	E	1	*	*	*	o	*	*
Paris ...	30.28 r	+ .06	46	*	-9	61	42	SE	1	4	N	0	cf	-	*
Lyons ...	?	?	55	*	-2	*	*	N	1	*	*	*	m	*	*
Toulon ...	29.95 r	- .28	56	56	-4	63	55	SE	4	4	E	5	cf	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.
Skudesnaes ...	29.92	54	53	SSE	8	*	5	Valencia ...	29.95	55	51	N	3	3	6
Thurso ...	29.68	54	50	NSW	2	6	0	Scilly ...	30.07	60	58	SW	6	7	0
Scarborough ...	29.91	54	53	SSW	4	9	0	London ...	30.12	61	56	SW	2	9	0
Greencastle ...	29.80	51	49	SW	3	7	0	Rochefort ...	30.21	70	64	SW	1	4	0
Holyhead ...	29.89	57	56	SW	4	7	m								

Pressure continues to increase over the British Isles generally, most in the S. of Ireland, but has begun to fall a little at Rochefort. The winds show scarcely any change from those reported this morning.

## EXPLANATION OF COLUMNS.

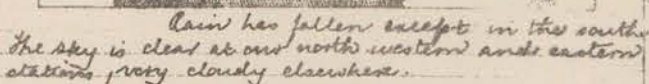
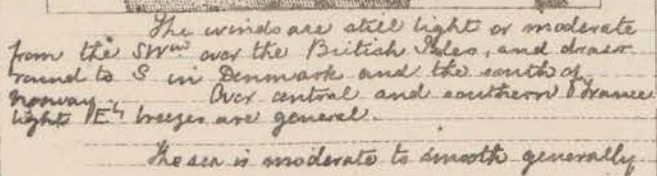
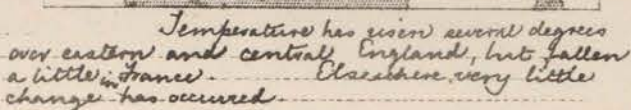
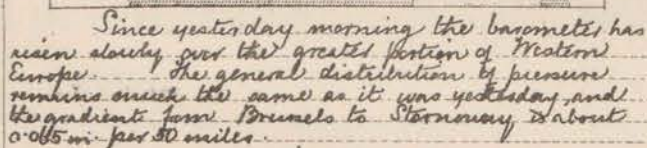
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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

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

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



SUNDAY: 11<sup>TH</sup> OCTOBER 1874 AT 8 A.M.



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



# SUMMARY OF WEATHER IN WESTERN EUROPE

from OCTOBER 4<sup>TH</sup> to OCTOBER 11<sup>TH</sup> 1874.

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

On Oct. 4<sup>th</sup> two depressions existed in the neighbourhood of our Islands, the first and larger one lying between the Scotch and Norwegian coasts, the second over our SW stations. By the next day both had travelled on to the Continent. Pressure had become highest in the SW and continued so during the remainder of the week, when two deep depressions passed over the N. of our Islands, that of the 6<sup>th</sup> and 7<sup>th</sup>, being accompanied, like its predecessor, by a smaller one over the S. of England. The wind under the influence of these depressions rose to a strong gale, at many stations, in direction it has been generally N<sup>W</sup> to SW, except on the 5<sup>th</sup>, when light NW winds prevailed over these Islands. Temperature has changed considerably and sharp frosts have occurred on the grass in some places. The amount of cloud has been very irregular while rain has been general and heavy.

OCT 4<sup>TH</sup> The depression noticed at the close of last week had continued its course E<sup>W</sup>, and, at 8 am, its centre lay near Skudermoes. The barometer had risen briskly in the N. while a fresh fall had set in in the S. owing to a second but smaller disturbance which was advancing over the S. of England. Gradients were steep, both in the N. of our Islands and over the Bay of Biscay, and strong N<sup>W</sup> winds, reaching the force of a gale at some places, were experienced on our NW coasts and in the N. of France. The wind was NW in the N. of Scotland, N<sup>W</sup> on our NE coast, and drew into S. in the S. of Norway it had the force of a gale at various places in Scotland, Denmark and at Skudermoes. Temperature had increased in the S. and E. but fallen a little elsewhere. The sky was overcast except in the NW. with showery weather in the N. In the evening brilliant aurora was seen very generally over these Islands.

OCT 5<sup>TH</sup> The centre of the disturbance had reached the neighbourhood of Stockholm and a rapid rise of the barometer had occurred over our Islands extending in a less degree to all parts of N. Europe. The highest readings were found to the SW<sup>W</sup>, but gradients were steepest over the North Sea, that from Scarsbo to Oslo being 0.09 in. per 50 miles. Fresh to strong N<sup>W</sup> winds were reported from the coasts of Norway and Denmark, while light N<sup>W</sup> to NW breezes were felt over the British Isles and France. Temperature had decreased several degrees in most places and in London, during the early morning, had fallen to 28° on the grass. The sky was clear in the E. and NW. but cloudy elsewhere. During the day the barometer rose steadily at all stations. In the evening aurora was again seen at Clun.

OCT 6<sup>TH</sup> The mercury had fallen at nearly all our stations while it had continued to rise over the continent and in the extreme SE of England. The decrease had been rather brisk in the NW and a depression appeared to be advancing over the N. of Scotland from the N<sup>W</sup>. The winds had consequently backed to SW. or S on all coasts and, at 8 am, had reached the force of a gale at the NW stations. On the E. shores of the North Sea the direction of the wind varied considerably. Temperature was rather higher generally but in London a sharp frost had again occurred on the grass during the night. Rain was falling in the N. and NW and the sky was overcast except over France. During the day the barometer continued to fall everywhere but the force of the wind had abated in the N., though S<sup>W</sup> gales were still experienced on our N. coast. In the afternoon a second but smaller disturbance appeared off the N. of Ireland and, advancing E<sup>W</sup> in the night, occasioned fresh gales all along our S and SE coasts. Aurora was again seen in Scotland.

OCT 7<sup>TH</sup> The barometer had fallen at all stations, but during the night a recovery had set in over Ireland. The maximum falls had occurred at O'Hanrahan in the N. and at Hurst Castle in the S., the former occasioned by the advance in a NE<sup>W</sup> direction of the N. disturbance and the latter by the advance over S. England of the smaller depression noticed yesterday. Gradients were steepest in the S., that from Rockport to Hurst Castle being 0.09 in. per 50 miles.



and a strong N.W. gale was reported from S'Orient. The wind had veered to N. or N.W. on our N. and N.W. coasts, but remained S.W. elsewhere, reaching the force of a gale at some stations on the E. shores of the North Sea. Temperature had risen on the Continent and in the S.E. of England, but fallen elsewhere. The sky was nearly clear over Scotland, overcast elsewhere. Rain was falling very generally at 8 am and had fallen at all stations during the previous 24 hours. In the afternoon an increase of pressure was reported from all stations.

OCT 8<sup>TH</sup> - A very rapid rise of the barometer (exceeding 0.8 in. in Scotland) had occurred over our Islands, extending, though in a less degree, to all places. Readings had become comparatively uniform over N. Europe, the gradient from Shields to Skudsmoes being only 0.03 in. per 50 miles. At Valencia, however, the mercury had begun to fall again since six on the previous evening, and the wind had backed to S. in the S.W. while light N.W. winds prevailed in the N.E. and over the Bay of Biscay, (amounting to a moderate gale at Rochefort) and light N. breezes elsewhere. Temperature had fallen everywhere, especially in the E. and S.E. The sky was cloudy in Norway and the S. of Ireland, moderately clear elsewhere. During the day the barometer fell quickly at Valencia, and a S. gale sprang up which extended during the afternoon and evening to most of our N. and N.W. stations.

OCT 9<sup>TH</sup> - The decrease of pressure noticed at Valencia on the 8<sup>th</sup> had extended over the whole of these Islands, and the centre of a well defined and deep depression lay off the N.W. coast of Scotland where the barometer had fallen rapidly. An area of high readings lay over France, but gradients were steepest in the N., that from Leith to Stornoway being 0.16 in. per 50 miles. The gales noticed on the previous evening in the N. and S.W. had subsided by 8 am., but in the N.E. of Scotland hard S. gales, and at Stornoway a fresh N.W. gale were reported. On all our other coasts light to moderate S. breezes were experienced but drawing into S.E. at Faro and E.S.E. at Skudsmoes. Temperature had risen several degrees in the Netherlands, Pt Britain and the N. of Ireland, but had fallen elsewhere. The sky was overcast generally, except in Scandinavia, and rain was falling over central England. By two p.m. a recovery had set in at all stations. In the evening Auroras were seen at Wick.

OCT 10<sup>TH</sup> - The rise of the barometer, noticed above, had continued, rapidly in the extreme N.W. though the lowest pressure was still found there. Readings were consequently more uniform than on the previous day and the gradient from Paris to Stornoway was 0.05 in. per 50 miles. Light to moderate S.W. breezes were experienced over our Islands drawing round through S. in Denmark into S.E. in the N. of Norway, but over France the wind had fallen very light. Temperature was a little lower in the S.E. of England, but had risen elsewhere. The sky was clear over France and our S.E. stations, overcast elsewhere; showery weather was reported from several places with rain in the N.W. During the day the mercury rose generally over these Islands but began to fall at Rochefort.



Mon - day 8 a.m.

# WEATHER REPORT.

Oct 12<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	30.17	- .04	45	44	+2	*	*	S	4	2	S	*	o	*	*
Hernösand ...	30.03	- .20	44	44	+3	*	*	S	4	2	S	*	fr	*	*
Stockholm ...	30.14	- .11	50	48	+6	*	*	SSW	2	2	SSW	*	of	*	*
Wisby ...	30.26	- .08	50	48	+2	*	*	S	4	2	W	*	c	*	*
Christiansund ...	29.77	- .18	48	45	-2	*	*	SW	6	0	Z	*	ob	*	4
Skudesnaes ...	29.97	+ .04	50	46	-4	*	*	SW	4	8	SSW	*	s	*	6
Oxö (X'tiansand) ...	30.02	- .02	51	48	-2	*	*	NSW	4	4	SW	*	c	*	1
Skagen (The Skaw) ...	30.06	- .07	54	53	+1	*	*	SW	2	4	SW	*	c	0.04	*
Fanö ...	30.13	- .01	54	53	+2	*	*	SSW	2	4	SSW	*	c	0.40	*
Cuxhaven ...	?	?	51	50	+4	60	?	ESE	1	1	SW	9	bf	-	*
Sumburgh Head ...	29.70r	+ .09	45	45	-4	52	44	W	7	7	NSW	4	p	0.12	6
Stornoway (Hebrides) ...	29.77r	+ .24	43	42	-2	49	38	NSW	4	5	NSW	8	p	0.24	5
Thurso ...	29.82r	+ .19	43	41	-6	54	39	S	2	5	W	8	co	0.05	2
Wick ...	29.81r	+ .19	45	43	-5	54	39	SW	3	5	SW	7	co	0.01	2
Nairn ...	29.75r	+ .10	45	41	-5	55	42	SSW	1	3	NSW	7	bc	0.11	1
Aberdeen ...	29.92r	+ .19	43	41	-7	55	40	Z	0	5	S	8	bo	-	1
Leith ...	29.96r	+ .16	46	46	-10	60	41	SSW	2	5	W	10	pct	0.06	*
Shields ...	30.00r	+ .06	52	52	+1	58	49	SSW	2	6	SW	7	pem	0.02	1
York ...	30.11r	+ .02	51	50	-4	61	47	S	1	2	NSW	10	co	-	*
Scarborough ...	30.06r	+ .06	52	51	-3	58	49	SW	2	4	SW	9	co	-	2
Nottingham ...	30.15r	+ .05	51	51	-4	64	47	SSW	1	3	S	10	aw	-	*
Ardrossan ...	29.94r	+ .13	50	48	-3	56	50	S	2	6	NSW	9	pd	0.15	2
Greencastle ...	29.91r	+ .09	47	46	-3	53	45	Z	0	6	SW	10	cg	0.07	*
Donaghadee ...	29.94f	+ .07	48	48	-3	57	46	SE	2	4	SE	10	co	0.06	1
Kingstown ...	29.99f	+ .04	55	53	+1	60	54	SSE	3	5	SW	9	o	0.07	2
Holyhead ...	30.02r	+ .03	56	55	+2	58	54	SSW	1	4	SW	7	pm	0.05	2
Liverpool (Biddston Obs.) ...	30.06r	+ .04	55	51	+1	59	50	SSW	3	6	SW	9	co	-	1
Valencia ...	29.93f	- .08	55	55	0	60	54	SW	3	4	NSW	9	fr	0.04	5
Roche's Point ...	29.99r	- .01	54	53	+2	57	52	SW	5	5	W	10	spms	0.20	4
Pembroke ...	30.07f	+ .01	57	55	+2	59	54	SSW	2	4	NSW	10	cg	0.01	3
Portishead ...	30.11f	+ .01	54	53	-1	63	50	S	2	3	W	10	sw	0.01	1
Scilly ...	30.10f	- .04	56	55	0	61	54	S	4	4	S	6	oo	-	5
Plymouth ...	30.15r	00	57	57	+1	60	55	SSW	1	2	SW	10	gm	-	*
Hurst Castle ...	30.17f	00	58	57	-1	63	54	S	2	4	NSW	5	gc	0.02	2
Dover ...	30.22r		55	54		60	51	Z	0	4	SW	6	c	-	0
London ...	30.20r	+ .03	54	53	-4	61	49	Z	0	2	SW	7	ref	0.09	*
Oxford ...	30.16	+ .05	52	51	-4	63	47	S	1	2	SW	9	co	-	*
Cambridge ...	30.18r	+ .04	53	52	-1	62	49	SW	1	1	SSW	10	o	-	*
Yarmouth ...	30.18r	+ .04	53	53	-2	61	51	NSW	2	3	SW	10	af	-	2
Helder ...	30.19		57	*		*	*	SW	2	*	*	*	*	*	2
Cape Gris Nez ...	30.19f	- .01	54	54	0	66	52	S	1	3	SW	10	bf	-	1
Brest ...	30.16f	- .08	51	51	-6	62	50	E	4	4	E	10	f	-	4
L'Orient ...	30.12f	- .10	53	51	+3	64	49	E	4	4	SSW	4	c	-	3
Rochefort ...	30.13f	- .07	55	51	-1	74	53	SE	3	3	W	0	b	-	3
Biarritz ...	30.12f	- .09	56	54	-3	70	55	SE	4	4	SE	3	of	-	3
Corunna ...			*	*		*	*		*	*	*	*	*	*	*
Brussels ...	30.23	- .02	52	*	+2	*	*	NSW	3	*	*	*	f	*	*
Charleville ...	30.30	+ .05	46	*	-3	*	*	SE	3	*	*	*	c	*	*
Paris ...	30.25r	- .03	53	*	+7	64	46	?	?	3	SE	9	cm	-	*
Lyons ...	?	?	54	*	-1	*	*	W	1	*	*	*	b	*	*
Toulon ...	30.23f	+ .28	59	54	+3	69	55	E	4	3	SE	2	b	-	3

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

SOUTH-EAST CORN AND WHEAT.								SOUTH-WEST CORN AND WHEAT.							
Bar.	Dry.	Wet.	Wind.		C.	Wca.	Sea.	Bar.	Dry.	Wet.	Wind.		C.	Wca.	Sea.
Skudesnaes ...	29.90	54	50	SSE	6	*	c	5	Valencia ...						
Thurso ...									Scilly ...						
Scarborough...									London ...						
Greencastle ...							*		Rochefort...	30.21	67	60	W	3	5
Holyhead ...															

## EXPLANATION OF COLUMNS.

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

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

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







Tues- day 8 a.m.

# WEATHER REPORT.

Oct: 13<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29.92	-25	48	46	+2	*	*	S	2	4	S	*	ro	*	*
Hernösand ...	29.93	-10	44	44	0	*	*	S	2	4	S	*	co	*	*
Stockholm ...	30.08	-06	49	49	-1	*	*	S	2	2	SSN	*	cf	*	*
Wisby ...	30.22	-04	52	50	+2	*	*	SN	4	4	N	*	c	*	*
Christiansund ...	29.69	-08	48	43	0	*	*	SSN	2	2	SSN	*	bo	*	5
Skudesnaes ...	29.72	-25	53	52	+3	*	*	NNN	2	4	S	*	m	*	4
Oxö (X'tiansand) ...	29.89	-13	54	53	+3	*	*	SSN	4	4	SN	*	o	*	3
Skagen (The Skaw) ...	29.99	-07	53	52	-1	*	*	SN	2	2	SN	*	bo	-	*
Fanö ...	30.03	-10	53	53	-1	*	*	SSN	4	2	SSN	*	bf	+	*
Cuxhaven ...	30.10f	?	47	46	-4	59	?	SSN	1	1	SSN	1	b	-	*
Sumburgh Head ...	29.74r	+04	44	43	-1	49	41	NNN	5	6	NNN	6	p	0.07	4
Stornoway (Hebrides) ...	29.87r	+10	38	37	-5	49	33	N	2	4	NNN	1	b	0.08	3
Thurso ...	29.85r	+03	42	41	-1	49	39	SN	1	5	SN	4	of	0.07	2
Wick ...	29.82r	+01	44	42	-1	48	37	NN	3	3	SN	4	c	-	0.
Nairn ...	29.87r	+12	41	39	-4	50	40	N	1	1	SSN	0	b	0.11	1
Aberdeen ...	29.81f	+11	42	41	-1	49	41	NNN	1	1	S	7	ro	0.60	1
Leith ...	29.87s	+09	45	44	-1	57	44	NN	2	2	E	7	ro	0.70	*
Shields ...	29.81f	-19	54	53	+2	58	51	SN	3	5	SN	7	oo	-	1
York ...	?	?	52	51	+1	62	45	S	1	1	S	8	om	-	*
Scarborough ...	29.87f	-19	52	51	0	59	50	SN	1	2	SSN	9	o	-	1
Nottingham ...	29.90f	-25	54	53	+3	63	51	SN	1	4	S	10	bm	-	*
Ardrossan ...	29.89r	-05	46	43	-4	55	44	NN	2	5	SSN	2	rb	0.86	1
Greencastle ...	29.94r	+03	46	44	-1	50	44	N	1	2	NNN	3	b	1.00	*
Donaghadee ...	29.90r	-04	49	46	+1	54	48	N	6	6	N	4	de	0.51	4
Kingstown ...	29.89f	-10	52	50	-3	60	51	N	5	4	SN	10	m	-	4
Holyhead ...	29.87f	-15	56	55	0	58	54	NNN	2	4	SSN	7	pm	0.04	1
Liverpool (Bidston Obs.) ...	29.88f	-18	54	52	-1	59	51	SSN	1	6	SSN	7	o	0.02	1
Valencia ...	29.89r	-04	56	55	+1	58	54	SSN	1	6	SSN	9	rf	0.10	4
Roche's Point ...	29.87f	-12	53	53	-1	58	52	N	1	5	SN	10	mj	0.02	2
Pembroke ...	29.89f	-18	54	53	-3	58	50	ENE	1	3	SSN	4	gm	-	2
Portishead ...	29.87f	-24	56	56	+2	65	52	Z	0	3	NNN	10	cm	-	0
Scilly ...	29.89f	-21	55	55	-1	58	53	Z	0	5	SSE	4	c	-	4
Plymouth ...	29.89f	-26	57	57	0	62	54	Z	0	3	SE	10	cf	-	*
Hurst Castle ...	29.90f	-27	60	58	+2	72	57	SN	2	2	SN	5	bo	-	2
Dover ...	29.95f	-27	57	55	+2	60	52	S	3	2	S	5	c	-	3
London ...	29.94f	-26	55	54	+1	65	51	SSE	1	2	SN	7	bf	-	*
Oxford ...	29.91	-25	55	54	+3	61	49	SE	1	2	S	10	m	-	*
Cambridge ...	29.92f	-26	54	53	+1	62	47	SSE	1	1	SSN	10	co	-	*
Yarmouth ...	29.97f	-21	56	55	+3	58	52	SSN	2	3	S	5	mc	-	2
Helder ...	30.03	-16	51	*	-6	*	*	S	3	*	*	*	*	-	2
Cape Gris Nez ...	30.00f	-19	54	50	0	64	53	SSE	3	1	S	9	co	-	2
Brest ...	29.95f	-21	58	56	+7	66	50	SSN	1	3	E	9	fo	-	3
L'Orient ...	29.90f	-22	57	57	+4	68	52	S	1	4	S	6	bo	-	2
Rochefort ...	29.96f	-17	57	53	+2	77	54	SSE	4	4	SE	6	bo	-	3
Biarritz ...	29.96f	-16	73	64	+17	81	56	S	3	3	SE	9	fo	0.16	4
Corunna ...															
Brussels ...	30.05	-18	50	*	-2	*	*	SN	3	*	*	*	bf	*	*
Charleville ...	30.14	-16	46	*	0	*	*	SE	3	*	*	*	b	*	*
Paris ...	30.04f	-21	50	*	-3	67	48	SSE	4	7	S	5	bo	-	*
Lyons ...	?	?	56	*	+2	*	*	S	3	*	*	*	b	*	*
Toulon ...	30.23r	-00	59	54	0	69	58	E	4	4	SSN	3	bo	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.77	51	48	3 S	4	*	r	5	Valencia ...	29.88	56	55	SSW	6	9	r	6
Thurso ...	29.82	48	46	SSW	1	9	po	2	Scilly ...	30.03	58	56	SSE	5	6	c	4
Scarborough...	30.02	58	55	SSW	2	9	o	2	London ...	30.14	61	58	SSW	2	8	c	*
Greencastle ...	29.87	49	48	NN	1	10	r	*	Rochefort...	30.09	77	63	E	1	0	b	*
Holyhead ...	29.99	57	55	SSW	4	7	m	3									

The fall of the barometer noticed in the SN this morning has extended to all the 2 p.m. stations excepting Thurso and the S. wind is freshening at Valencia, Scilly and Holyhead. Rain is falling at the Irish stations and the sea has become rough 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.

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

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



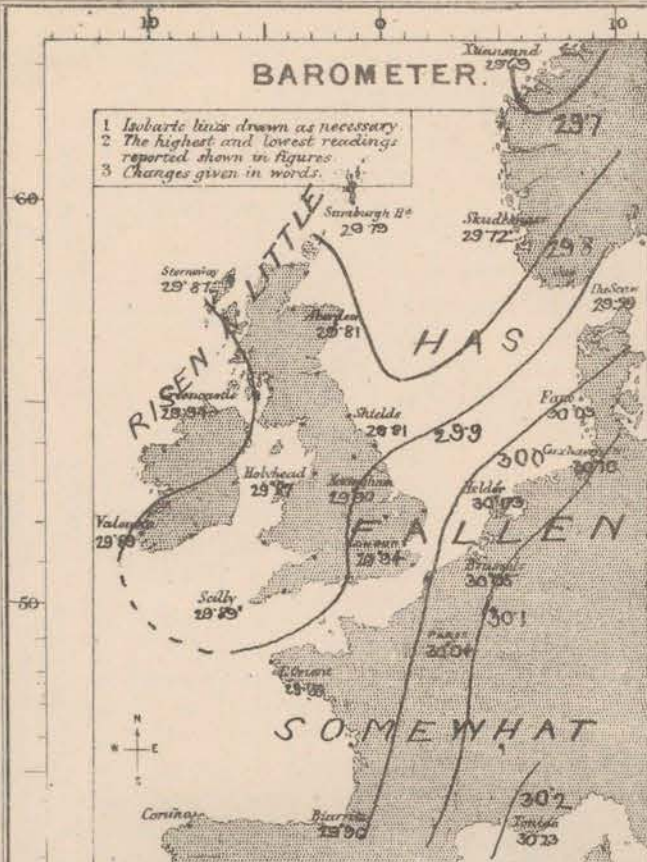
# WEATHER CHARTS

AND REMARKS FOR

TUESDAY 13<sup>TH</sup> OCTOBER 1874 AT 8 A.M.

## BAROMETER.

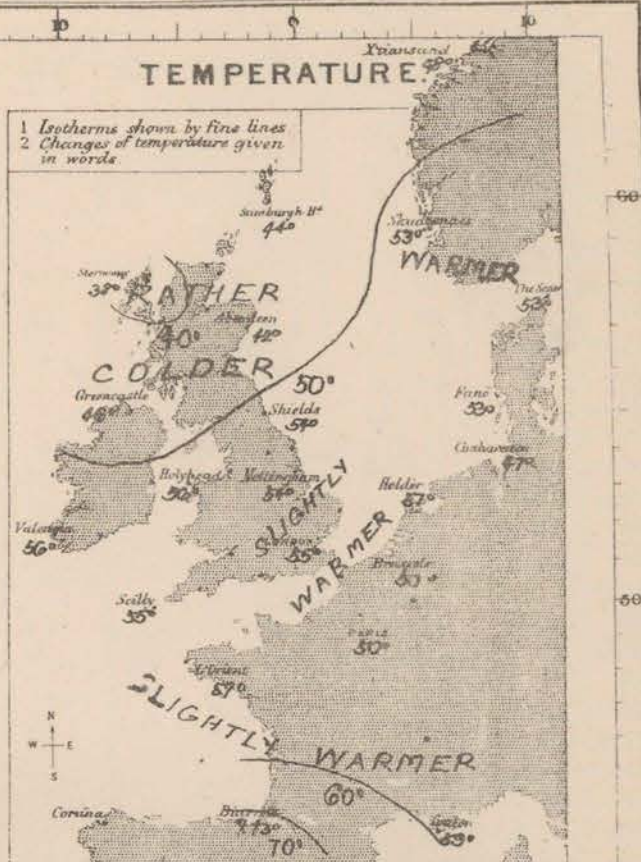
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The barometer has now risen somewhat at our most northern stations, and the change has extended to the west of Ireland during the night. Elsewhere the mercury has fallen, especially in the south and south-east of England. Pressure is irregularly distributed this morning but gradients are slight, that from London to Oxford being 0.035 in per 50 miles for S. winds, while that from Bournemouth to Holyhead is 0.02 in per N. wind.

## TEMPERATURE.

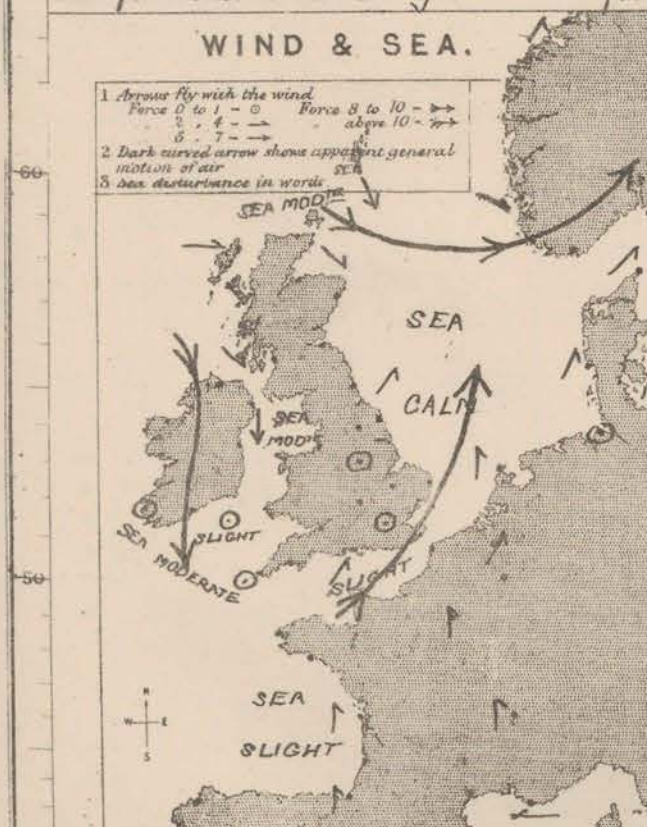
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen, four degrees in Scotland and changed gradually elsewhere.

## WIND & SEA.

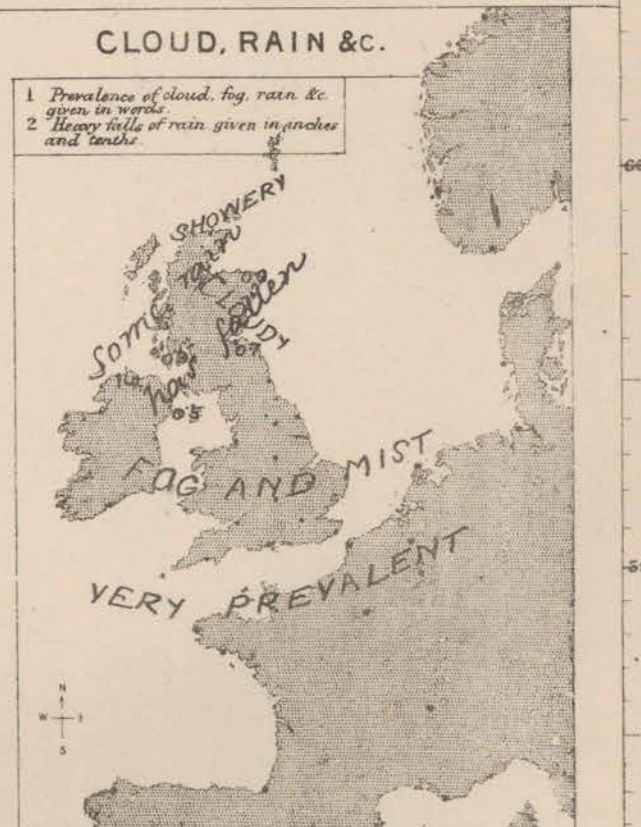
- 1 Arrows fly with the wind. Force 0 to 1 - 0, Force 8 to 10 - 8, Force 11 to 12 - 11, Force 13 to 14 - 13, Force 15 to 16 - 15, Force 17 to 18 - 17, Force 19 to 20 - 19, Force 21 to 22 - 21, Force 23 to 24 - 23, Force 25 to 26 - 25, Force 27 to 28 - 27, Force 29 to 30 - 29.
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



Moderate S. breezes now prevail over France, Holland and Denmark, moderate N. winds in the east of Scotland and at Sunderland, while W. winds prevail in the north of Scotland and light S.W. breezes in the north-east of England. In Wales and the south of England variable air and calms are felt. The sea is moderate in the west and north-west, slight or smooth elsewhere.

## CLOUD, RAIN &c.

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



Rain has fallen in the west and north, heavily at Aberdeen, Leith, Ardrossan and Greenock. The weather is now very hazy and foggy in the west and south, and showers still fall in the extreme north of our islands. Aurora was seen at Sunderland last night.

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

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

Large field, 22 Bedford St. Covent Garden.



Wednesday day 8 a.m.

# WEATHER REPORT.

Oct: 14<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 2.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29.27	- .65	49	48	+ 1	*	*	S	8	4	S	*	r	*	*
Hernösand ...	29.72	- .21	41	39	- 3	*	*	WSW	2	4	S	*	oc	*	*
Stockholm ...	29.87	- .21	45	43	- 4	*	*	NNW	2	6	SSW	*	b	*	*
Wisby ...	29.99	- .23	52	?	0	*	*	N	4	4	N	*	cr	*	*
Christiansund ...	29.88	+ .19	45	44	- 3	*	*	N	8	8	N	*	t	*	6
Skudesnaes ...	30.01	+ .29	46	44	- 7	*	*	ENE	4	4	NNW	*	cr	*	a
Oxö (X'tiansand) ...	30.02	+ .13	43	41	- 11	*	*	N	2	4	NNW	*	b	*	2
Skagen (The Skaw) ...	30.01	+ .02	50	45	- 3	*	*	N	2	6	NW	*	c	-	*
Fanö ...	29.99	- .04	49	46	- 4	*	*	ENE	2	4	SW	*	c	-	*
Cuxhaven ...	29.97f	- .13	48	48	+ 1	64	?	SSE	1	1	SSW	1	b	-	*
Samburgh Head ...	29.88r	+ .14	46	45	+ 2	49	40	S	4	5	NNW	9	fo	0.03	3
Stornoway (Hebrides) ...	29.60f	- .27	47	44	+ 9	49	36	SSE	6	6	SSE	10	ow	0.01	6
Thurso ...	29.76f	- .09	46	43	+ 4	53	38	?	4	4	SSW	9	co	0.03	3
Wick ...	29.75f	- .07	47	45	+ 3	52	37	SSW	6	6	ESE	10	co	-	4
Nairn ...	29.77f	- .10	42	39	+ 1	51	38	N	?	1	SW	6	bo	-	1
Aberdeen ...	29.86f	+ .05	46	44	+ 4	50	35	S	4	4	S	9	bo	-	2
Leith ...	29.85f	- .02	43	41	- 2	57	38	S	3	2	E	7	bo	-	*
Shields ...	29.93f	+ .12	47	47	- 7	55	44	WSW	1	3	N	9	agm	-	2
York ...	29.97f	?	46	45	- 6	59	41	NNE	1	1	N	10	o	0.01	*
Scarborough ...	29.92f	+ .05	51	50	- 1	57	48	ESE	1	3	N	9	o	-	2
Nottingham ...	29.93f	+ .03	51	50	- 3	63	49	NE	1	5	SSW	10	gm	-	*
Ardrossan ...	29.80f	- .09	43	41	- 3	58	41	ENE	2	3	ENE	9	bdf	-	1
Greencastle ...	29.69f	- .25	49	47	+ 3	49	43	SSE	5	5	SSE	10	cg	0.02	*
Donaghadee ...	29.76f	- .14	50	49	+ 1	54	46	SE	4	6	SW	10	cg	0.01	2
Kingstown ...	29.82f	- .07	52	50	0	55	50	S	3	5	N	8	o	0.01	3
Holyhead ...	29.83f	- .04	52	51	- 4	57	47	SW	1	3	N	7	m	0.05	1
Liverpool (Bidston Obs.) ...	29.86f	- .02	49	48	- 5	58	49	SE	3	4	SE	10	cm	-	1
Valencia ...	29.66f	- .23	55	54	- 1	59	51	SW	4	4	SW	9	mr	0.04	4
Roche's Point ...	29.77f	- .10	54	52	+ 1	58	52	SSW	4	4	SSW	9	fo	-	3
Pembroke ...	29.83f	- .06	54	53	0	60	47	ESE	4	3	ESE	4	cm	0.01	2
Portishead ...	29.87f	- .00	53	46	- 3	60	50	E	1	1	S	10	m	-	2
Scilly ...	29.85f	- .04	53	54	0	59	53	SSW	1	2	NNE	6	o	-	2
Plymouth ...	29.85f	- .04	55	55	- 2	62	50	SE	1	2	SW	10	fg	-	*
Hurst Castle ...	29.88f	- .02	56	56	- 4	67	52	E	1	2	N	10	cd	0.03	1
Dover ...	29.92r	- .03	54	53	- 3	60	52	NN	3	3	SW	5	cf	-	1
London ...	29.92r	- .02	58	53	0	67	52	ENE	1	1	N	10	cbg	-	*
Oxford ...	29.91	- .00	52	51	- 3	63	51	NE	1	2	NE	10	gm	-	*
Cambridge ...	29.91r	- .01	52	50	- 2	64	50	ENE	1	1	S	10	o	-	*
Yarmouth ...	29.90s	- .07	55	55	- 1	59	54	SSW	1	3	S	10	cf	-	2
Helder ...	29.91	- .12	52	*	+ 1	*	*	S	3	*	*	*	*	*	2
Cape Gris Nez ...	29.92r	- .08	57	55	+ 3	67	54	Z	0	3	S	8	co	-	1
Brest ...	29.88f	- .07	54	52	- 4	66	52	Z	0	4	NNE	10	of	-	3
L'Orient ...	29.83f	- .07	59	59	+ 2	62	56	Z	0	3	NNE	10	cf	-	2
Rochefort ...	29.86f	- .10	60	56	+ 3	75	55	SSE	3	5	ESE	6	o	-	3
Biarritz ...	29.86f	- .10	63	59	- 10	74	60	?	?	?	?	10	o	30.08	3
Corunna ...			*	*		*	*			*	*	*	.	*	*
Brussels ...	29.96	- .09	57	*	+ 7	*	*	WSW	3	*	*	*	c	*	*
Charleville ...	30.05	- .09	49	*	+ 3	*	*	SSE	3	*	*	*	o	*	*
Paris ...	29.95f	- .09	52	*	+ 2	785	49	SE	4	4	SSE	4	c	-	*
Lyons ...	?	?	60	*	+ 4	*	*	NE	1	*	*	*	b	*	*
Toulon ...	30.13f	- .10	57	53	- 2	64	53	NE	4	4	E	5	e	-	3

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

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.82	45	42	nnn	4	*	c	4	Valencia ...	29.93	57	56	E	1	7	c	0
Thurso ...	29.91	51	47	nnn	3	5	c	3	Scilly ...	29.94	57	56	nnn	1	7	c	3
Scarborough...	29.94	51	50	n	3	10	od	3	London ...	29.89	64	59	s	1	9	oc	*
Greencastle ...	29.98	49	46	nne	2	6	c	*	Rochefort...	29.95	75	71	s	3	5	c	3
Holyhead ...	29.94	53	49	n	3	5	c	2									

The rise of the barometer noticed in the N. and N. this morning has extended to all but our SE stations and Rochefort. N. winds are now felt in the N. and N. of England, while light S. breezes prevail at Rochefort and in London.

## EXPLANATION OF COLUMNS.

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

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

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



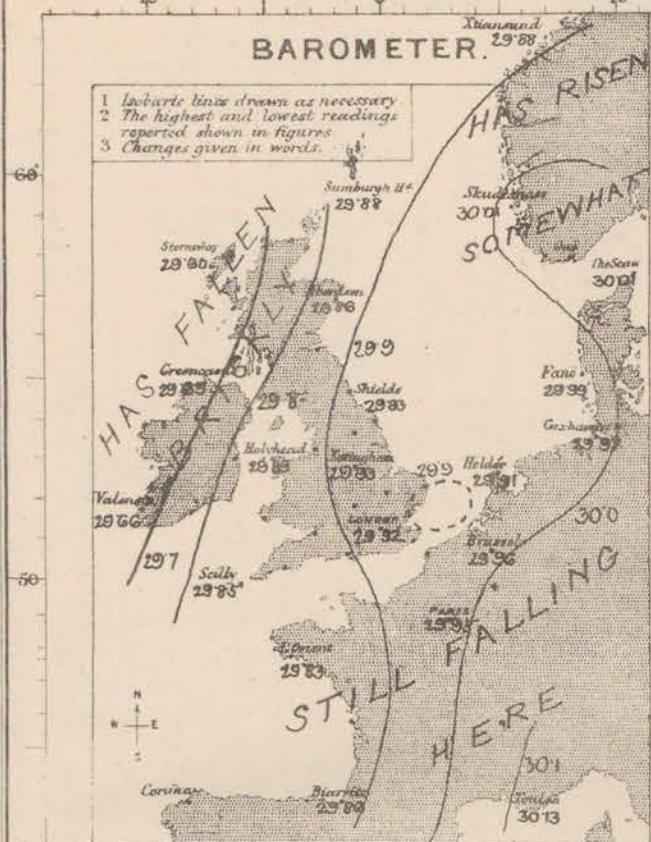
# WEATHER CHARTS

## AND REMARKS FOR

WEDNESDAY 14<sup>TH</sup> OCTOBER 1874 AT 8 A.M.

### BAROMETER.

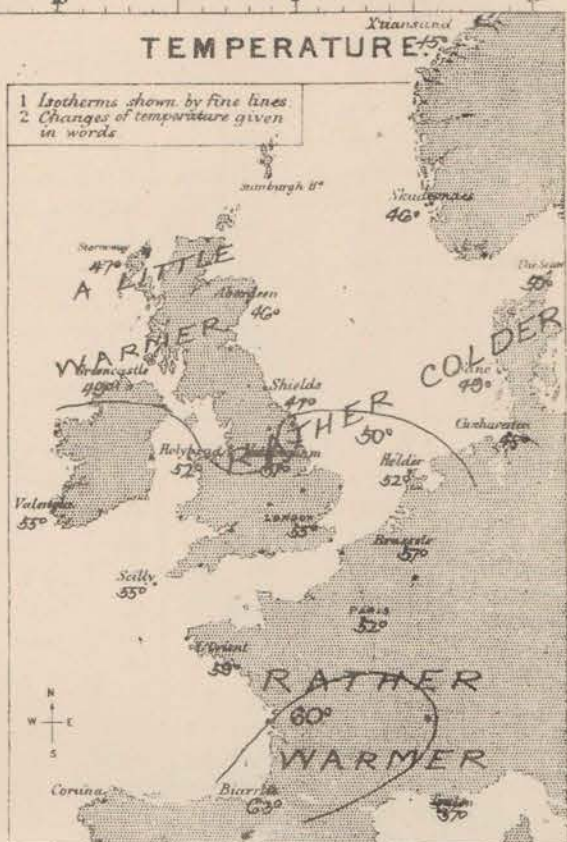
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



During the past night a rather sudden fall of the barometer has set in at our western stations and has already extended in a less degree over the whole of our Islands. In France, also, the mercury is falling generally, while in the south of Norway it has risen. Over the North Sea pressure is very uniform, but from Pembroke to Valencia there is a gradient of 0.07 in, while from Aberdeen to Storming there is one of 0.09 in per 50 miles, for S.W. winds.

### TEMPERATURE.

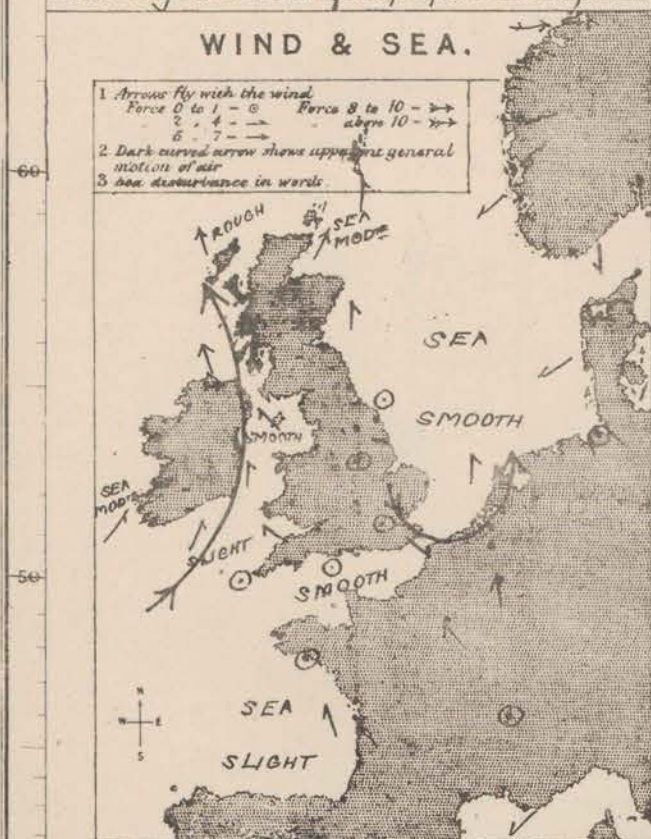
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has risen at most of the French stations, fallen over England and the North Sea, and changed very irregularly elsewhere.

### WIND & SEA.

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



Moderate to fresh S.W. breezes have set in along the Irish and Scotch coasts, and moderate S.E. breezes are felt in France. Elsewhere the winds are very variable. A fresh W. gale is reported from Christiania. The sea is rough at Christiania and Storming, moderate to smooth on our coasts.

### CLOUD, RAIN &c.

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



Some rain has fallen at several of the western and north western stations and is now falling in Norway. The sky is overcast very generally, and fog or haze is reported from all but the most northern stations. Aurora was seen in the west and north west last night.

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

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

Dangerfield, Lith. London



Thurs-day 8 a.m.

# WEATHER REPORT.

Oct: 15<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.89	+ .62	35	34	-.14	*	*	Z	0	4	SW	*	b	*	*
Hernösand ...	29.97	+ .25	54	50	+ .10	*	*	Z	0	0	Z	*	e	*	*
Stockholm ...	30.04	+ .21	37	37	-.8	*	*	SE	1	2	SW	*	b-f	*	*
Wisby ...	30.08	+ .09	51	50	-.1	*	*	S	4	2	E	*	b-c	*	*
Christiansund ...	29.73	- .15	49	42	+ .4	*	*	E	6	2	ESE	*	c-b	*	3
Skudesnaes ...	29.69	- .32	54	50	+ .8	*	*	ESE	6	4	SEE	*	e	*	4
Oxö (X'tiansand) ...	29.85	- .17	50	49	+ .7	*	*	NE	4	4	E	*	e-r	*	2
Skagen (The Skaw) ...	29.93	- .08	52	51	+ .2	*	*	S	4	2	SE	*	e	-	*
Fanö ...	29.80	- .19	51	50	+ .2	*	*	SE	4	6	SE	*	e	-	*
Cuxhaven ...	29.71 f	- .26	50	50	+ .2	62	?	S	2	2	SE	1	b	-	*
Sumburgh Head															
Stornoway (Hebrides) ...	29.15 f	- .45	52	51	+ .5	52	45	SE	4	8	S	10	r	0.71	5
Thurso ...	29.29 f	- .47	52	51	+ .6	53	44	S	4	7	S	8	g-w	0.01	3
Wick ...	29.29 f	- .46	53	52	+ .6	53	41	S	4	6	SW	10	e	-	4
Nairn ...	29.26 f	- .51	55	51	+ .13	55	42	S	1	2	SW	8	e	-	1
Aberdeen ...	29.36 f	- .50	54	53	+ .8	54	46	S	4	4	S	10	e	0.02	2
Leith ...	29.31 f	- .54	56	54	+ .10	57	42	S	3	3	S	7	o-c	-	*
Shields ...	29.41 f	- .52	54	53	+ .7	55	47	S	3	4	SW	8	g-o	0.01	2
York ...	29.46 f	- .51	57	57	+ .11	58	45	E	1	1	S	10	e-r	0.26	*
Scarborough ...	29.45 f	- .47	55	55	+ .4	56	50	S	3	2	SEE	10	e-r	0.12	3
Nottingham ...	29.44 f	- .49	58	58	+ .7	58	57	SEE	3	4	SE	10	m-r	0.16	*
Ardrossan ...	29.24 f	- .56	56	54	+ .10	56	43	SE	4	4	SE	8	m-o	0.01	3
Greencastle ...	29.19 f	- .50	58	50	+ .1	53	49	Z	0	6	S	10	g	0.17	*
Donaghadee ...	29.22 f	- .54	56	55	+ .6	56	50	SEE	7	7	SEE	10	e	0.20	5
Kingstown ...	29.20 f	- .62	55	53	+ .2	59	52	SEE	3	5	S	10	e-o	0.37	3
Holyhead ...	29.20 f	- .58	57	55	+ .5	59	52	S	5	4	SSW	6	e-w	0.01	3
Liverpool (Bidston Obs.) ...	29.32 f	- .54	57	55	+ .3	57	49	ESE	3	4	SE	10	m	-	2
Valencia ...	29.23 f	- .43	51	49	- .4	58	48	W	4	6	SW	6	r-p	1.30	4
Roche's Point ...	29.24 f	- .53	50	50	- .4	58	50	W	6	7	SSW	10	e-r	1.26	5
Pembroke ...	29.23 f	- .60	57	56	+ .2	58	53	S	6	6	S	10	e-r	0.15	5
Portishead ...	29.36 f	- .51	58	56	+ .5	60	50	SEE	4	4	S	10	g-w	-	2
Scilly ...	29.23 f	- .62	56	55	+ .1	58	53	S	6	6	S	9	e-r	0.17	5
Plymouth ...	29.34 f	- .51	57	57	+ .2	60	54	S	4	6	S	10	g-o	0.13	*
Hurst Castle ...	29.44 f	- .44	61	60	+ .5	68	66	SW	5	5	SW	8	e-o	0.47	3
Dover ...	29.54 f	- .38	58	57	+ .4	61	53	S	4	3	SE	5	e-f	0.03	3
London ...	29.49 f	- .43	60	59	+ .5	62	54	S	3	4	S	10	g-l	0.31	*
Oxford ...	29.42	- .49	59	58	+ .7	59	52	S	2	2	S	10	r-m	0.66	*
Cambridge ...	29.50 f	- .41	56	56	+ .4	60	51	SEE	1	1	S	10	r-o	0.26	*
Yarmouth ...	29.56 f	- .34	57	57	+ .2	58	54	SEE	4	4	SEE	6	m-e	-	4
Helder ...	29.67	- .24	53	*	+ .1	*	*	SEE	4	*	*	*	*	*	2
Cape Gris Nez ...	29.56 f	- .36	57	55	0	70	56	S	4	3	S	10	e-r	0.12	2
Brest ...	29.42 f	- .46	56	56	+ .2	57	52	SW	5	7	S	10	r-o	0.20	5
L'Orient ...	29.43 f	- .40	58	58	- .1	65	58	SW	5	5	SW	10	r	0.08	3
Rochefort ...	29.61 f	- .25	60	56	0	70	57	S	5	3	SEE	5	e	-	3
Biarritz ...	29.60 f	- .26	64	60	+ .1	72	61	S	5	3	NE	3	e-o	-	3
Corunna ...			*	*		*	*			*	*	*	*	*	*
Brussels ...	29.70	- .26	59	*	+ .2	*	*	SW	3	*	*	*	e	*	*
Charleville ...	29.86	- .19	56	*	+ .7	*	*	SE	3	*	*	*	r	*	*
Paris ...	29.67 f	- .28	57	*	+ .5	68	52	SEE	5	4	SE	10	e-o	0.32	*
Lyons ...	?	?	63	*	+ .3	*	*	S	1	*	*	*	e	*	*
Toulon ...	29.92 f	- .20	57	55	0	66	56	E	8	5	E	10	e-r	-	6

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

	Bar.	Dry.	Wet.	Wind.	C.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wet.	Sea.
Skudesnaes ...	29.90	49	44	SE	4	*	4	Valencia ...	29.50	56	55	SW	4	5	4
Thurso ...	29.57	50	47	S	6	8	3	Scilly ...	?	57	56	S	4	8	2
Scarborough ...	29.79	54	52	SE	2	7	2	London ...	29.50	60	58	SE	1	10	*
Greencastle ...	29.53	53	51	S	6	10	*	Rochefort ...	29.83	70	59	S	1	10	3
Holyhead ...	?	57	55	SW	3	10	2								

Pressure continues to decrease generally, and the S<sup>W</sup> wind has increased to a gale in the Hebrides but is still moderate in Ireland. The weather is very cloudy and dull, but the sea remains smooth in the S. and 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.

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

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







Friday 8 a.m.

# WEATHER REPORT.

Oct 16<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Discomb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extrema.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	30.11	+ .22	32	32	- 3	*	*	E	1	1	SN	*	bf	*	*
Hernösand ...	30.00	+ .03	42	42	- 11	*	*	SN	2	2	NSN	*	o	*	*
Stockholm ...	30.05	+ .01	47	46	+ 10	*	*	S	2	1	SN	*	f	*	*
Wisby ...	30.12	+ .04	49	48	- 2	*	*	S	2	2	S	*	o	*	*
Christiansund ...	29.62	- .11	56	52	+ 7	*	*	ESE	6	6	SE	*	ao	*	2
Skudesnaes ...	29.67	- .02	58	54	+ 4	*	*	ESE	6	6	SE	*	ao	*	5
Oxö (X'tiansand) ...	29.82	- .03	53	52	+ 3	*	*	E	4	4	S	*	rc	*	3
Skagen (The Skaw) ...	29.88	- .05	54	53	+ 2	*	*	SSE	4	4	SSE	*	b	-	*
Fanö ...	29.79	- .01	51	50	0	*	*	SSE	4	4	S	*	c	-	*
Cuxhaven ...															*
Sumburgh Head ...	29.37 r	+ .01	49	49	- 2	53	47	NN	12	7	S	7	fp	0.05	5
Stornoway (Hebrides) ...	29.40 r	+ .25	43	42	- 9	54	37	SSN	2	4	SE	4	ro	0.22	5
Thurso ...	29.46 r	+ .17	43	42	- 9	58	42	S	1	4	SSE	2	rw	0.23	1
Wick ...	29.46 r	+ .17	46	45	- 7	55	44	SN	1	5	S	4	mc	0.15	2
Nairn ...	29.50 r	+ .24	47	46	- 8	62	44	SN	2	2	S	0	ob	0.15	1
Aberdeen ...	29.52 r	+ .16	48	46	- 6	55	46	SN	1	4	S	1	ob	0.01	2
Leith ...	29.59 r	+ .28	49	47	- 7	64	46	N	3	2	S	2	ofb	0.06	*
Shields ...	29.84 r	+ .23	51	49	- 3	61	50	NSN	2	4	SSN	5	ro	-	1
York ...	29.71 r	+ .25	49	48	- 8	64	48	SN	1	2	S	7	o	0.04	*
Scarborough ...	29.69 r	+ .24	52	51	- 3	60	51	N	1	4	SSE	9	o	0.25	1
Nottingham ...	29.71 r	+ .27	53	52	- 5	66	52	NN	1	4	SSE	10	pbr	0.02	*
Ardrossan ...	29.60 r	+ .36	50	47	- 6	57	50	SN	3	3	NN	3	rb	0.77	2
Greencastle ...	29.52 r	+ .43	45	44	- 5	51	44	SN	2	2	SN	1	gb	0.09	*
Donaghadee ...	29.65 r	+ .43	43	43	- 13	56	40	N	3	7	SSE	4	dc	0.91	2
Kingstown ...	29.70 r	+ .50	48	45	- 7	59	47	NSN	1	4	NNN	2	rb	0.31	1
Holyhead ...	29.70 r	+ .45	50	47	- 7	60	49	N	1	5	S	3	db	0.04	1
Liverpool (Bidston Obs.) ...	29.70 r	+ .38	49	47	- 8	63	47	N	2	4	SE	7	oc	0.16	1
Valencia ...	29.74 r	+ .51	49	47	- 2	54	47	NSN	3	4	NNN	5	o	0.03	3
Roche's Point ...	29.73 r	+ .49	45	42	- 5	54	42	N	2	6	N	2	ob	0.03	3
Pembroke ...	29.73 r	+ .50	52	47	- 5	57	51	NN	2	6	S	3	om	0.06	1
Portishead ...	29.69 r	+ .33	52	51	- 6	62	49	NNN	2	6	S	10	lu	0.03	1
Scilly ...	29.78 r	+ .55	53	49	- 3	57	52	NNN	2	6	S	4	e	0.05	4
Plymouth ...	29.74 r	+ .40	48	48	- 9	59	46	NNN	1	4	SN	0	fp	0.07	*
Hurst Castle ...	29.68 r	+ .24	53	53	- 8	65	51	NNN	1	5	SN	10	lp	0.13	2
Dover ...	29.68 r	+ .14	59	57	+ 1	62	57	SSN	3	4	SSN	5	alg	0.01	2
London ...	29.66 r	+ .17	57	56	- 3	67	53	Z	0	2	SSE	10	ptf	0.27	*
Oxford ...	29.68	+ .26	53	52	- 6	64	53	Z	0	3	SE	10	gr	0.14	*
Cambridge ...	29.68 r	+ .18	55	55	- 1	65	53	Z	0	1	S	10	pg	0.07	*
Yarmouth ...	29.68 r	+ .12	57	56	0	59	55	S	2	4	S	7	gc	-	3
Helder ...	29.73	+ .06	53	*	0	*	*	SSE	3	*	*	*	*	*	2
Cape Gris Nez ...	29.67 r	+ .11	58	54	+ 1	66	56	S	3	4	S	7	co	-	2
Brest ...	29.78 r	+ .26	53	51	- 3	58	51	N	4	5	SSN	5	ro	0.24	3
L'Orient ...	29.69 r	+ .26	53	51	- 5	63	51	NNN	4	4	NSN	3	rc	0.35	3
Roche fort ...	29.63 r	+ .02	58	56	- 2	71	56	E	3	7	SSE	10	co	-	3
Biarritz ...	29.63 r	+ .03	57	55	- 7	68	54	NSN	5	5	S	9	r	0.55	3
Corunna ...				*		*	*				*	*	*	*	*
Brussels ...	29.74	+ .24	61	*	+ 2	*	*	SE	3	*	*	*	o	*	*
Charleville ...	29.80	- .06	56	*	0	*	*	NE	3	*	*	*	o	*	*
Paris ...	29.71 r	+ .04	57	*	0	66	57	SE	4	8	SE	10	cr	-	*
Lyons ...	?	?	61	*	- 2	*	*	S	1	*	*	*	o	*	*
Toulon ...	29.76 f	- .17	54	54	- 3	58	51	E	8	8	E	10	r	0.87	6

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.65	58	53	SE	6	*	c	5	Valencia ...	29.36	52	49	NN	4	5	p	4
Thurso ...	29.21	57	54	SSE	4	8	o	3	Scilly ...	29.33	55	53	NN	5	7	p	5
Scarborough...	29.40	58	57	SSE	4	9	o	4	London ...	29.46	64	60	SSE	2	8	ao	*
Greencastle ...	29.22	50	50	NN	2	10	g	*	Roche fort...	29.50	70	61	SSE	7	6	o	3
Holyhead ...	29.24	59	57	S	5	6	cg	3									

The barometer has risen at the Irish stations and Scilly since the morning, and in these places NN winds prevail. Elsewhere a further fall of the mercury has taken place and S & breezes still hold on.

## EXPLANATION OF COLUMNS.

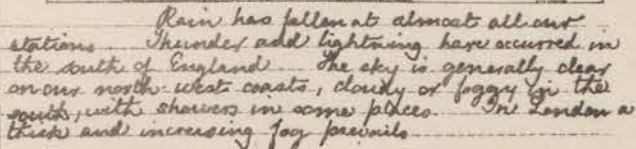
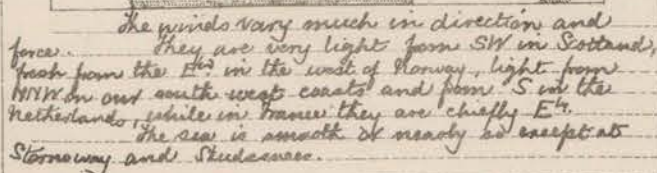
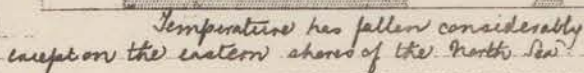
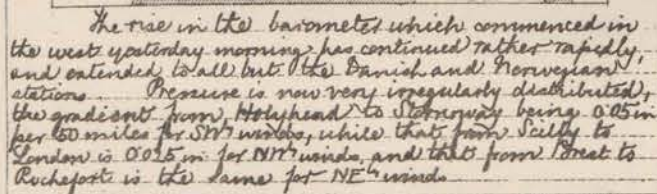
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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

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

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



FRIDAY 16<sup>TH</sup> OCTOBER 1874 AT 8 A.M.



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



Satur - day 8 a.m.

# WEATHER REPORT.

Oct: 17<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. — (0 to 12.)	Force. — (0 to 12.)					Dir.
Haparanda ...	30.08	- .02	37	26	+5	*	*	SE	6	4	SE	*	sm	*	*
Hernösand ...	29.91	- .09	46	45	+3	*	*	SEW	2	2	S	*	o	*	*
Stockholm ...	29.94	- .11	50	50	+3	*	*	S	2	2	SEW	*	of	*	*
Wisby ...	30.03	- .09	50	50	+1	*	*	S	4	4	E	*	bc	*	*
Christiansund...	29.74	+ .12	49	48	-7	*	*	E	2	0	L	*	b	*	1
Skudesnaes ...	29.76	+ .04	51	49	-7	*	*	SE	6	4	SE	*	ro	*	4
Oxö (X'tiansand)	29.82	.00	52	51	-1	*	*	WSE	2	2	E	*	ro	*	2
Skagen (The Skaw)						*	*					*		*	*
Fanö ...						*	*					*		*	*
Cuxhaven ...	29.95r	+ .15	55	54	+7	?	47	SW	1	1	SE	1	b	-	*
Sumburgh Head	29.37f	.00	49	49	0	52	48	S	8	4	WSE	10	sw	-	7
Stornoway (Hebrides)	29.12f	- .28	51	50	+8.2	51	42	SEW	8	10	SEW	10	pd	0.20	8
Thurso...	29.31f	- .15	48	46	+5	57	40	S	4	4	SEW	5	bo	0.02	2
Wick ...	29.33f	- .13	50	48	+4	53	45	S	5	5	S	10	co	0.03	4
Nairn ...	29.31f	- .19	52	49	+5	53	44	SW	3	3	SW	1	b	-	2
Aberdeen ...	29.45f	- .07	49	47	+1	55	42	S	8	8	S	7	bo	-	3
Leith ...	29.44f	- .12	51	49	+2	58	40	S	4	3	W	7	bo	0.10	*
Shields...	29.63f	- .01	48	47	-3	54	45	S	3	3	S	9	br	0.11	1
York ...	29.77s	+ .06	47	46	-2	58	41	S	1	2	W	10	cd	0.02	*
Scarborough ...	29.72f	+ .03	48	47	-4	55	45	SEW	4	1	WSE	10	er	0.02	4
Nottingham ...	29.78f	+ .07	49	48	-4	59	39	SEW	4	4	WSE	10	mr	0.04	*
Ardrossan ...	29.41f	- .19	55	53	+5	55	49	SEW	5	6	SEW	5	c	0.36	5
Greencastle ...	29.35f	- .27	52	51	+7	52	44	SEW	6	6	SEW	9	co	0.06	*
Donaghadee ...	29.41f	- .24	52	52	+9	55	43	S	6	6	S	5	c	0.03	4
Kingstown ...	29.50f	- .20	54	53	+6	55	48	S	3	3	SW	2	cb	0.10	3
Holyhead ...	29.57f	- .13	55	54	+5	55	49	SEW	5	3	SW	10	rdm	0.34	3
Liverpool (Bidston Obs.)	29.64f	- .06	49	47	0	55	43	SE	3	5	SE	10	bo	0.11	3
Valencia ...	29.55f	- .19	55	53	+6	57	48	SW	5	8	SEW	6	ro	0.55	5
Roche's Point...	29.57f	- .16	49	48	+4	54	44	WSE	4	9	SEW	9	blo	0.62	5
Pembroke ...	29.15f	- .08	55	54	+3	56	51	SEW	5	6	SEW	10	om	0.19	5
Portishead ...	29.79f	+ .10	52	51	0	62	44	WSE	4	4	S	10	og	0.01	3
Scilly ...	29.75f	- .03	56	55	+2	56	52	SEW	6	6	SEW	9	er	0.09	6
Plymouth ...	29.80f	+ .09	55	54	+7	59	43	S	5	6	S	10	bp	-	*
Hurst Castle ...	29.87r	+ .19	56	54	+3	59	44	SW	5	5	SW	8	bo	0.01	3
Dover ...	29.91r	+ .23	57	55	-2	61	52	SW	3	3	SW	3	cb	-	2
London ...	29.89r	+ .23	51	50	-6	60	46	SEW	2	2	WSE	10	pb	0.09	*
Oxford...	29.84	+ .16	50	48	-3	55	41	SW	2	2	SW	10	fg	0.01	*
Cambridge ...	29.85f	+ .17	50	49	-5	56	46	S	1	1	W	10	po	0.06	*
Yarmouth ...	29.88r	+ .20	53	52	-4	61	52	SW	2	2	SEW	8	am	-	2
Helder...	29.92	+ .19	55	*	+2	*	*	S	4	*	*	*	*	*	2
Cape Gris Nez...	29.93r	+ .26	53	56	0	63	55	SEW	3	3	S	10	o	-	2
Brest ...	29.94f	+ .16	57	55	+4	59	48	SEW	5	5	SEW	6	o	-	4
L'Orient ...	29.97r	+ .28	52	50.2	-1	62	47	WSE	4	4	WSE	6	c	-	3
Rochefort ...	29.98r	+ .35	59	57	+1	70	56	SEW	5	4	W	10	er	-	3
Biarritz ...	30.00r	+ .45	61	57	+4	62	57	W	5	5	W	10	r	0.24	5
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.00	+ .26	58	*	-3	*	*	SW	3	*	*	*	c	*	*
Charleville ...	30.09	+ .29	50	*	-6	*	*	ESE	3	*	*	*	c	*	*
Paris ...	30.03r	+ .32	54	*	-3	45	51	SE	3	4	S	4	c	-	*
Lyons ...	?	?	61	*	0	*	*	W	3	*	*	*	c	*	*
Toulon...	30.11r	+ .35	62	57	+8	?	55	E	8	8	E	7	ro	0.32	6

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

Bar.	Dry.	Wet.	Wind.	O.	Woa.	Sea.	Bar.	Dry.	Wet.	Wind.	O.	Woa.	Sea.
Skudesnaes ... 29.70	55	53	SE	8	*	7	Valencia ... 29.75	55	51	SW	4	4	4
Thurso ... 29.56	56	49	WSE	2	4	2	Scilly ... 29.86	55	52	W	4	5	5
Scarborough ... 29.77	54	51	W	1	5	1	London ... 29.78	56	54	NE	2	10	fg
Greencastle ...						*	Rochefort ... 29.72	66	59	W	3	8	o
Holyhead ... 29.79	54	50	SW	2	3	1							

The barometer has risen at all stations though very little at Valencia. The wind has backed to W. at Rochefort, to W. at Scilly, and to SW. at Valencia while in London a light NE wind has springing up. A very dense fog prevailed in London from 9 a.m. to 11 a.m. and the weather continues very gloomy.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian, and Danish Stations is an observation taken at 8 p.m.  
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



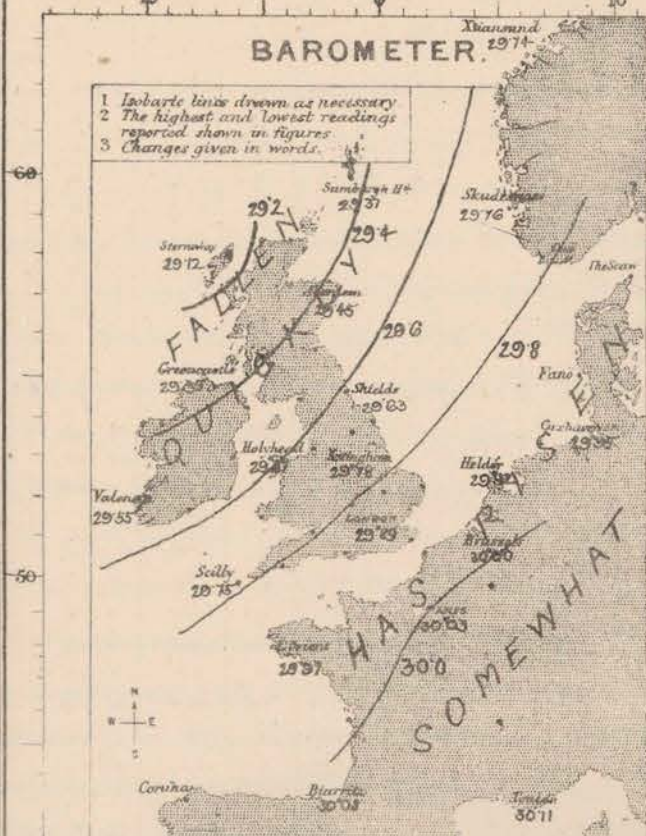
# WEATHER CHARTS

AND REMARKS FOR

SATURDAY 17<sup>TH</sup> OCTOBER 1874 AT 8 A.M.

## BAROMETER.

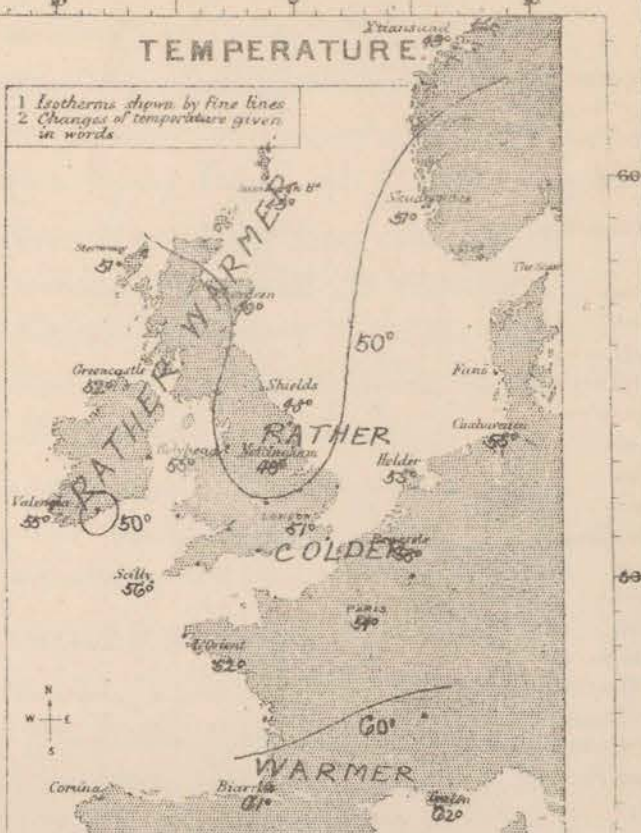
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



During the past night a sudden fall of the barometer has taken place at our north-western stations, while over France and the south-east of England the mercury has continued to rise. Rather steep gradients for S. winds have thus been established over the United Kingdom, that from Dover to Ardrossan being 0.07 in, while that from Leith to Stormy is 0.11 in for 50 miles.

## TEMPERATURE.

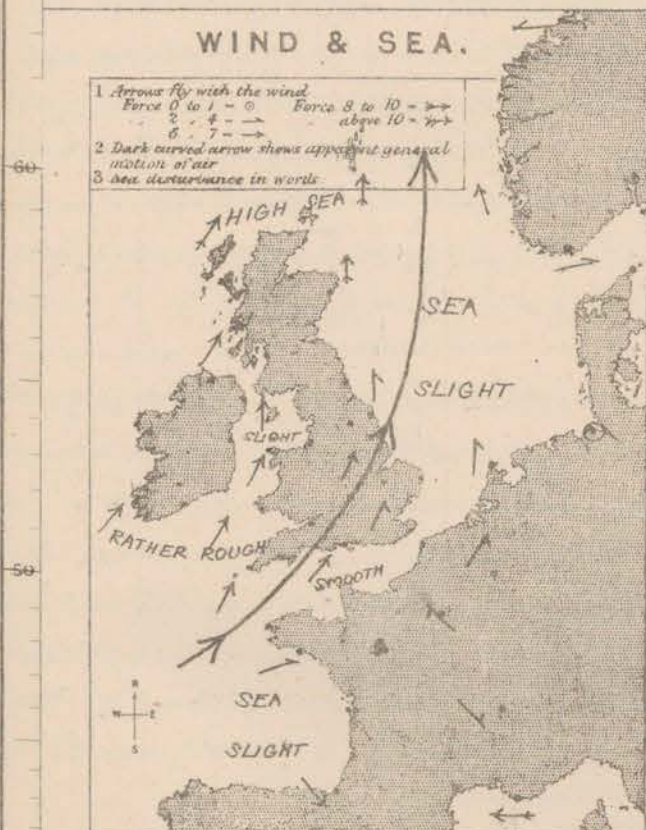
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has risen considerably at all but the eastern and south-eastern stations to which, however, the rise is now extending.

## WIND & SEA.

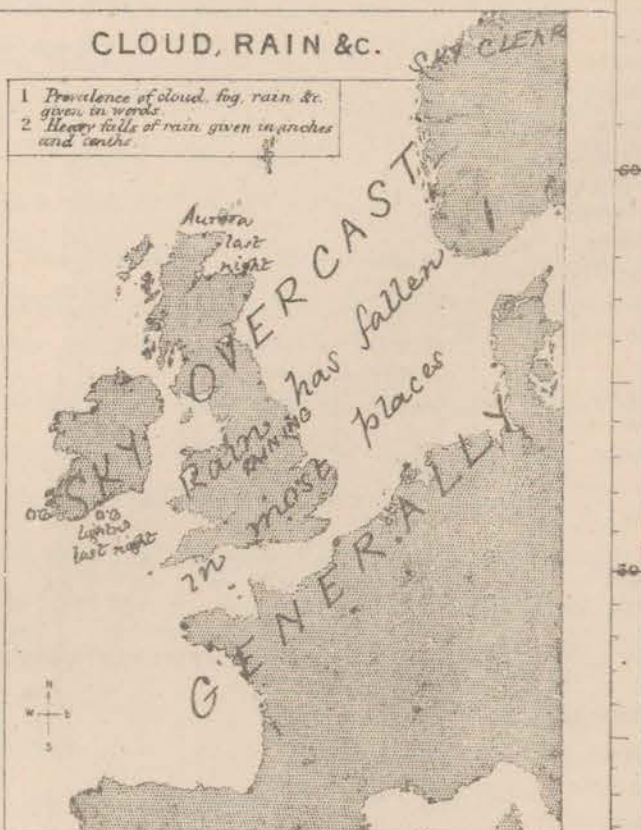
- 1 Arrows fly with the wind  
Force 0 to 1 - - - - -  
2 - - - - -  
3 - - - - -  
4 - - - - -  
5 - - - - -  
6 - - - - -  
7 - - - - -  
8 - - - - -  
9 - - - - -  
10 - - - - -  
Force 8 to 10 - - - - -  
above 10 - - - - -
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



The wind has varied very much in direction during the past 24 hours, but has now backed to the S.W. at our western and northern stations, and to S.E. in the south-east. In force it is fresh on all our western coasts, and blows a gale at Stormy, Aberdeen, and Tumburgh H. The sea is high in the extreme north of our island, rather rough in the west, moderate or slight elsewhere.

## CLOUD, RAIN &c.

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



Aurora was seen at the Scotch stations last night. Rain has again fallen on nearly all our coasts, and still falls at many stations. The sky is overcast very generally.

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

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



# SUMMARY OF WEATHER IN WESTERN EUROPE

from OCTOBER 11<sup>TH</sup> to OCTOBER 17<sup>TH</sup> 1874.

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

During this week pressure has been generally lowest over our north-western stations, and a series of depressions has skirted our extreme northern coasts, giving us S<sup>2</sup> or SW<sup>4</sup> winds, increasing to gales in some instances. With the disturbances of the 15<sup>th</sup> and 16<sup>th</sup> came a small shallow depression over our southern stations which was, however, accompanied by very heavy rain in its progress. Temperature has oscillated very considerably, but has been generally mild for the time of year. Thunder and lightning have occurred at many stations and rain has been very general, heavy falls being reported in some cases.

OCTOBER 11<sup>TH</sup> The mercury had risen slowly at nearly all stations, though a slight fall had commenced in Scotland during the past night. The distribution of pressure was very similar to that reported at the close of last week, the lowest readings being found off the north-west of Scotland, and the gradient from Paris to Stornoway was about 0.065 in per 50 miles. The winds reported were light or moderate in force; from the SW<sup>2</sup> over our Islands, from S in Denmark, and from SE in the south of Norway. Temperature had changed very little, except over Central England where it had risen several degrees. The sky was clear in the north-west and on our east coast, but rain was falling in the south of Norway, and overcast weather was general.

OCTOBER 12<sup>TH</sup> A slight decrease of pressure had occurred at the Continental stations, while over our Islands a further rise was reported. The increase had been greatest in the north so that, although the relative distribution remained unaltered, gradients had become much slighted. Light to moderate SW<sup>4</sup> winds were reported from nearly all coasts, but moderate E<sup>4</sup> breezes were experienced in the Bay of Biscay, and a fresh W<sup>4</sup> wind at Lumburgh H<sup>2</sup>. Temperature had fallen in most places, several degrees over Scotland. Rain was falling at Valencia and in the north, and the sky was cloudy generally except in the south of France. At 2pm the barometer was falling at all stations, and rain continued in Ireland.

OCTOBER 13<sup>TH</sup> The barometer had recovered slightly in the extreme north, and, during the night, at the Irish stations also. A large area of low pressure lay over the greater part of our Islands, but gradients were everywhere slight — for N<sup>4</sup> winds across the Irish Sea, and for S<sup>4</sup> winds over our south-eastern stations. The winds were consequently light or moderate from the N<sup>2</sup> about north-western stations and from S over France, our east coast, and the eastern shores of the North Sea; while very light airs and calms prevailed elsewhere. Temperature had risen in Norway, the west of France and at our south-eastern stations, but had decreased elsewhere. Rain had fallen in the west and north, heavily in some places, and continued at Skudesnæs, but elsewhere the sky was rather less cloudy than of late, though much fog and mist prevailed in the south. At 2pm the barometer was rising except at Rochefort and in London.

OCTOBER 14<sup>TH</sup> A rather sudden decrease of pressure had set in in the west, which was felt, though in a less degree at all except the Norwegian stations and Lumburgh H<sup>2</sup>. Readings were very uniform over the North Sea and our eastern stations, but in the west and north gradients were rather steep. The wind was SE<sup>4</sup> over France and at our south-western stations but was generally S<sup>4</sup> over the remainder of our Islands, while a W<sup>4</sup> gale was reported at Christiansund. Temperature had risen on the Continent, but fallen over our Islands. The sky was overcast generally, rain was falling at Christiansund.



and a good deal of fog and haze prevailed. In the afternoon the barometer was falling everywhere, and the wind had increased to a gale from the S<sup>w</sup> in the Hebrides.

OCTOBER 15<sup>th</sup> The barometer had fallen at all stations; rather rapidly in the west and north of our Islands, where the lowest readings were found. Gradients were rather steep, that from Orkney to Stornoway being 0.08 in, and that from Bournemouth to Pembroke being 0.07 in per 50 miles. During the previous night a shallow depression had advanced over Ireland from the W<sup>nd</sup>, and at 8 am had reached the neighbourhood of Kingstown. Very heavy rain accompanied this disturbance, and the wind shifted to N in its rear. Over the remainder of our Islands, and thence the wind was generally S<sup>th</sup> but drew into SE in Denmark and into E in the west of Norway. Temperatures had risen generally, especially in the north. The sky was overcast and the weather very unsettled. During the day the barometer began to rise in the west, and the small depression noticed over Ireland advanced E<sup>rd</sup>, very heavy showers occurred, and the wind shifted to N or NW at all our south-western stations. Thunder and lightning occurred in the south in the evening.

OCTOBER 16<sup>th</sup> The mercury had risen at all stations except the Norwegian and Danish, rather rapidly in the west. The small depression noticed in the west yesterday had been considerably filled up, and at 8 am lay over our south-eastern stations. The distribution of pressure was rather complicated, and the winds were very irregular in direction but generally very light in force; on the coast of Norway, however, fresh E<sup>th</sup> winds were reported. The thermometer was slightly higher on the eastern shores of the North Sea, but several degrees lower elsewhere. The sky was moderately clear in the north and west, very cloudy in the south. In London a thick fog prevailed which increased considerably as the morning advanced. During the day the barometer began to fall quickly at Valencia and towards night the wind increased to a gale there and at Roches Point.

OCTOBER 17<sup>th</sup> The barometer had fallen rather quickly at our north-western stations and in Ireland, while a depression was advancing over the north of Scotland from the Atlantic. At our southern and south-eastern stations, however, the mercury had risen; rapidly at Biarritz, so that gradients were rather steep over the United Kingdom; that from Leith to Stornoway being 0.11 in per 50 miles. The wind had backed to the S<sup>w</sup> generally over our Islands, and blew a fresh gale at Aberdeen, Lumburgh 14 and Stornoway, and freshly at all our western and northern stations. In the west of Norway the wind was E<sup>th</sup>, and a fresh gale from the same quarter was reported from Toulon. Temperature had risen except in the east and south-east. Rain was falling in many places, and the sky was overcast generally. By 2 pm a recovery of pressure had set in in the west.



Sunday 8 a.m.

# WEATHER REPORT. October 18<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extrema.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
Haparanda ...	30.01	-.07	40	40	+3	*	*	SE	8	8	SE	*	L	*	*
Hernösand ...	29.81	-.10	46	45	0	*	*	SSW	2	0	L	*	om	*	*
Stockholm ...	29.91	-.03	51	50	+1	*	*	S	2	2	S	*	of	*	*
Wisby ...	30.02	-.01	54	51	+4	*	*	S	4	2	SW	*	c	*	*
Christiansund ...	29.54	-.20	51	48	+2	*	*	L	0	2	ESE	*	c	*	3
Skudesnaes ...	29.75	+.01	53	52	+2	*	*	SSW	6	9	SSE	*	re	*	7
Oxö (X'tiansand) ...	29.83	+.01	54	53	+2	*	*	SW	4	4	WSW	*	fo	*	3
Skagen (The Skaw) ...	29.88	+.01	54	54	0	*	*	SW	2	2	S	*	o	0.08	*
Fanö ...	29.95	+.07	57	57	+1	*	*	W	2	4	SSW	*	c	0.04	*
Cuxhaven ...	30.03	+.08	59	56	+4	66	?	WSW	2	1	SW	6	co	-	*
Sumburgh Head ...	29.40	+.03	50	50	+1	53	49	SSW	7	7	S	5	pe	0.03	7
Stornoway (H. b. d.) ...	29.38	+.26	47	45	-4	54	45	SW	4	6	SW	3	pbq	0.26	6
Thurso ...	29.44	+.13	47	45	-1	59	44	S	1	5	S	6	c	-	1
Wick ...	29.46	+.13	52	48	+2	59	47	SW	2	5	SSW	2	b	-	1
Nairn ...	29.47	+.16	50	47	-2	60	49	SSW	3	5	SW	2	pt	0.02	2
Aberdeen ...	29.56	+.11	53	51	+4	57	49	S	6	8	S	7	bc	-	3
Leith ...	29.63	+.17	56	54	+5	63	50	WSW	4	6	N	5	c	-	*
Shields ...	29.77	+.14	53	51	+5	56	45	WSW	3	5	SW	2	ob	-	1
York ...	29.97	+.20	52	49	+5	59	40	S	2	1	S	0	cb	0.06	*
Scarborough ...	29.87	+.15	52	51	+4	54	46	SW	3	5	SSW	5	c	0.05	2
Nottingham ...	29.92	+.14	51	50	+2	57	47	S	2	5	SSW	3	omw	0.03	*
Ardrossan ...	29.61	+.20	55	52	0	57	54	SW	5	5	SSW	7	c	0.06	4
Greencastle ...	29.57	+.22	53	52	+1	54	50	S	4	8	SW	9	ro	0.50	*
Donaghadee ...	29.62	+.21	53	53	+1	58	47	SSW	5	6	S	7	c	0.02	4
Kingstown ...	29.74	+.24	55	53	+1	60	52	SSE	4	5	WSW	3	cb	-	3
Holyhead ...	29.79	+.22	56	55	+1	59	54	SSW	5	5	SSW	6	dm	0.03	4
Liverpool (Bidston Obs.) ...	29.64	+.20	52	49	+3	60	49	SSE	3	5	SW	2	cb	0.02	2
Valencia ...	29.69	+.14	55	53	0	58	53	SW	4	6	SSW	7	c	0.01	6
Roche's Point ...	29.75	+.18	55	54	+6	58	49	SSW	6	6	SSW	10	g	-	5
Pembroke ...	29.78	+.13	56	55	+1	59	54	SSW	4	6	SW	7	cm	0.09	3
Portishead ...	29.95	+.16	53	51	+1	58	47	S	1	5	S	5	re	0.27	1
Scilly ...	29.94	+.19	55	55	-1	60	54	SW	5	7	SSW	6	oc	0.21	6
Flymouth ...	29.96	+.13	55	55	0	50	49	SSW	1	5	SW	6	re	0.47	*
Hurst Castle ...	30.00	+.13	57	55	+1	68	54	WSW	2	6	SW	5	re	0.20	3
Dover ...	30.02	+.11	58	57	+1	61	56	SW	4	4	SW	10	cd	0.04	3
London ...	30.01	+.12	54	52	+3	60	49	SW	2	3	SSW	9	ole	0.02	*
Oxford ...	29.99	+.15	50	49	0	56	47	S	1	3	SW	10	dg	0.04	*
Cambridge ...	30.00	+.15	47	47	-3	56	44	S	1	1	S	10	wg	0.12	*
Yarmouth ...	29.99	+.11	55	54	+2	58	52	SW	2	4	SSW	2	cb	0.07	2
Helder ...															
Cape Gris Nez ...	30.04	+.11	56	54	-2	63	53	SW	5	4	SSW	10	or	0.12	4
Brest ...	30.07	+.13	57	55	0	59	55	SW	4	7	SW	10	ro	0.08	5
L'Orient ...	30.03	+.06	58	58	+6	60	52	WSW	3	7	SW	10	rg	0.16	5
Rochefort ...	30.12	+.14	55	53	-4	67	54	S	3	5	N	10	re	-	3
Biarritz ...	30.14	+.06	56	56	-5	63	54	SE	3	5	NW	4	ob	-	4
Corunna ...	30.17	+.06	60	*	+6	*	*	SW	6	*	*	*	op	*	5
Brussels ...	30.11	+.11	57	*	-1	*	*	SW	3	*	*	*	c	*	*
Charleville ...	30.15	+.06	59	*	+9	*	*	S	3	*	*	*	c	*	*
Paris ...	30.17	+.14	57	*	+3	68	52	S	1	4	S	8	om	-	*
Lyons ...	?	?	63	*	+2	*	*	W	1	*	*	*	L	*	*
Toulon ...	30.19	+.08	66	61	+4	66	62	E	?	5	E	7	o	-	5

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

Bar.	Dry.	Wet.	Wind.	G.	Waa.	Sea.	Bar.	Dry.	Wet.	Wind.	G.	Waa.	Sea.
Skudesnaes ...	29.66	54	52	SSE	8	0	Valencia ...	29.65	57	53	SSW	4	5
Thurso ...	29.23	56	52	S	4	7	Scilly ...	29.81	59	58	WSW	4	6
Scarborough ...	29.66	53	52	SSW	5	6	London ...	29.88	58	52	SSW	3	10
Greencastle ...	29.40	54	52	SW	7	7	Rochefort ...	30.06	61	54	N	4	10
Holyhead ...	29.61	58	56	SSW	5	5							

A rise of the barometer has now set in at our W<sup>2</sup> stations, but elsewhere the fall has continued. The gale has increased in the Hebrides, and veered to SW, while at Greenacastle the wind has increased to a moderate gale from the same quarter, but at Valencia it is "backing" again.

## EXPLANATION OF COLUMNS.

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

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

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



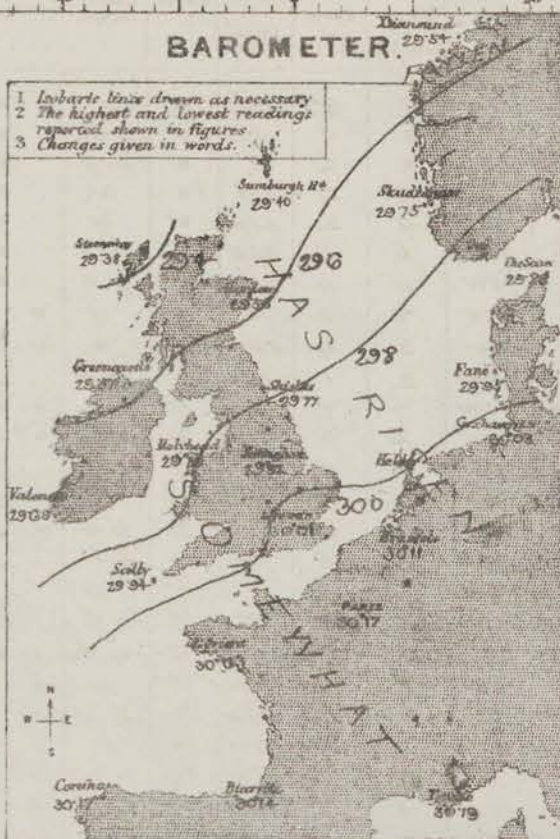
# WEATHER CHARTS

AND REMARKS FOR

SUNDAY 18<sup>TH</sup> OCTOBER 1874 AT 8 A.M.

## BAROMETER.

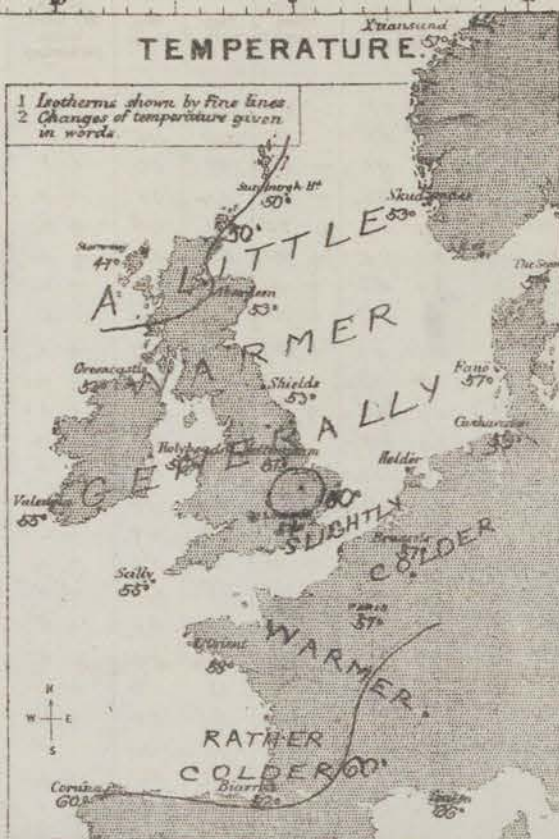
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



The rise of the barometer which had commenced on our western coasts yesterday afternoon has since extended to all our stations, and pressure continues to increase on the Continent. The lowest readings still lie off our north-west coasts and the gradient from Yarmouth to Stormy is 0.2 in per 50 miles for 3 1/2 winds.

## TEMPERATURE.

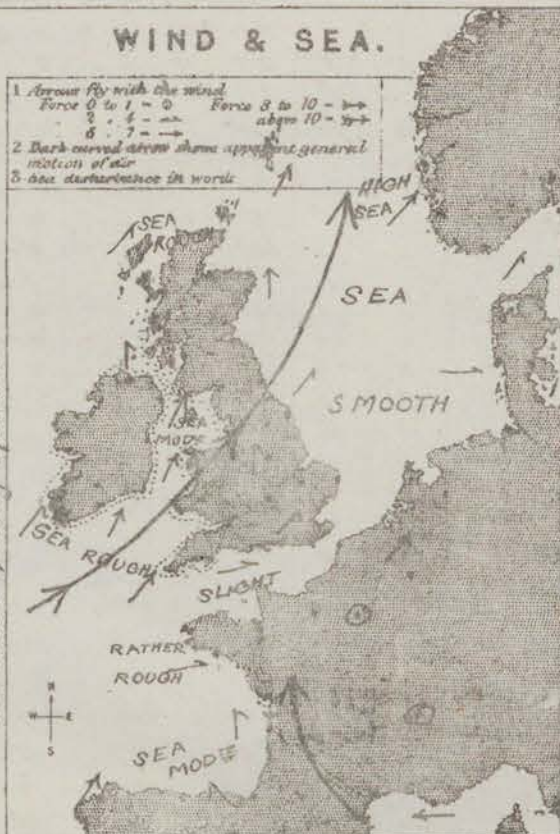
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has changed very irregularly: the general tendency has, however, been to increase over Western Europe.

## WIND & SEA.

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



Light to fresh winds from S or SW are general this morning. They blew rather strongly in the north-west yesterday.

The sea is high at Skudsmere, rough at Stormy and on our north-west coasts, moderate to smooth elsewhere.

## CLOUD, RAIN &c.

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



Some rain has fallen except on our north-east coasts. The sky is overcast at our south-eastern stations and on the Continent; moderately clear elsewhere.

Forecastings were issued to our western coasts yesterday afternoon.

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

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

Dangerfield Lith. London.



Mon- day 8 a.m.

# WEATHER REPORT.

Oct 19<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. — (0 to 12.)	Force. — (0 to 12.)					Direc.
Haparanda ...	29.84	- .17	44	44	+4	*	*	SN	2	?	SE	*	rm	*	*
Hernösand ...	29.87	+ .06	46	44	0	*	*	sen	4	2	S	*	bo	*	*
Stockholm ...	30.04	+ .15	49	49	-2	*	*	Z	0	2	sen	*	bf	*	*
Wisby ...	30.14	+ .12	51	51	-3	*	*	SN	2	2	SN	*	c	*	*
Christiansund ...	29.60	+ .06	52	49	+1	*	*	Z	0	2	nsn	*	c	*	5
Skudesnaes ...	29.73	- .02	54	53	+1	*	*	SEE	8	2	SEE	*	r	*	7
Oxö (X'tiansand) ...	29.87	+ .04	54	54	0	*	*	S	4	4	SN	*	st	*	3
Skagen (The Skaw) ...	29.96	+ .08	55	54	+1	*	*	sen	2	2	SN	*	co	-	*
Fanö ...	29.94	- .01	56	55	-1	*	*	S	4	4	sen	*	bo	-	*
Cuxhaven ...	30.01f	- .02	55	55	-4	61	?	sen	2	2	SN	5	c	-	*
Sumburgh Head ...	29.47r	+ .07	49	49	-1	54	48	S	4	7	sen	9	co	-	4
Stornoway (Hebrides) ...	29.41r	+ .03	39	38	-2	52	37	N	1	6	SN	2	po	0.53	5
Thurso ...	29.49r	+ .05	46	45	-1	62	42	nsn	2	3	sen	7	ic	0.03	2
Wick ...	29.49r	+ .03	45	44	-7	56	43	N	1	4	SN	10	co	0.07	0
Nairn ...	29.49r	+ .02	46	45	-4	58	45	Z	0	4	sen	10	br	0.11	1
Aberdeen ...	29.48f	- .02	50	49	-3	56	49	N	1	6	S	9	cd	0.20	1
Leith ...	29.52f	- .11	51	49	-5	61	47	SN	4	5	SN	4	po	0.40	*
Shields ...	29.65f	- .12	51	49	-2	58	47	nsn	3	5	SN	2	co	-	2
York ...	29.77f	- .20	51	49	-1	62	49	S	1	2	S	2	b	-	*
Scarborough ...	29.70f	- .14	52	50	0	57	49	SN	3	2	sen	7	c	-	2
Nottingham ...	29.81f	- .11	52	50	+1	62	47	nsn	3	5	sen	5	em	-	*
Ardrossan ...	29.86f	- .05	49	47	-6	57	49	N	2	5	sen	10	fr	1.14	2
Greencastle ...	29.60r	+ .06	48	47	-5	56	47	Z	0	8	sen	9	o	0.24	*
Donaghadee ...	29.61s	- .01	47	47	-6	56	47	nsn	4	6	SEE	5	c	0.05	3
Kingstown ...	29.68f	- .06	49	45	-6	61	49	N	4	5	sen	5	co	0.05	3
Holyhead ...	29.69f	- .10	50	46	-6	59	50	SN	5	6	sen	5	rq	0.43	4
Liverpool (Bidston Obs.) ...	29.70f	- .11	49	46	-3	61	48	sen	4	6	sen	6	c	0.05	2
Valencia ...	29.86r	+ .17	51	48	-4	59	46	N	5	6	N	5	p	0.00	5
Roche's Point ...	29.77f	+ .02	48	46	-7	57	45	nsn	5	6	sen	4	po	0.24	4
Pembroke ...	29.78f	0.0	53	49	-3	58	50	nsn	5	6	SN	5	co	0.07	4
Portishead ...	29.84f	- .11	51	49	-2	62	48	N	4	6	SN	3	qv	0.06	3
Scilly ...	29.90r	- .04	53	48	-2	59	52	N	6	6	N	4	w	0.11	6
Plymouth ...	29.90f	- .06	52	50	-3	59	50	nsn	3	4	3	1	gm	0.04	*
Hurst Castle ...	29.91f	- .09	55	54	-2	65	53	N	3	5	SN	10	bp	0.03	3
Dover ...	29.90f	- .12	58	57	0	59	55	SN	3	4	SN	7	dq	0.06	3
London ...	29.88f	- .13	54	53	0	64	51	sen	1	2	SN	10	obp	0.01	*
Oxford ...	29.84	- .15	52	50	+2	60	50	SN	2	3	SN	9	o	-	*
Cambridge ...	29.85f	- .15	53	52	+6	60	45	SN	1	1	3	10	ap	0.01	*
Yarmouth ...	29.87f	- .12	53	53	-2	61	51	sen	2	2	sen	8	bm	-	2
Helder ...	29.92		56	*		*	*	S	5	*	*	*	*	*	2
Cape Gris Nez ...	29.92f	- .12	57	55	+1	59	54	sen	4	5	sen	10	r	0.28	3
Brest ...	30.00f	- .07	56	56	-1	62	52	nsn	4	4	SN	9	o	0.08	4
L'Orient ...	29.96f	- .07	55	55	-3	62	54	nsn	3	3	nsn	9	ro	0.08	3
Rochefort ...	30.00f	- .12	60	58	+5	68	54	SE	3	4	SEE	10	fo	0.08	3
Biarritz ...	30.04f	- .10	59	57	+3	68	56	nsn	4	3	SE	10	cr	0.04	5
Corunna ...			*	*		*	*			*	*	*	*	*	*
Brussels ...	29.98	- .10	59	*	+2	*	*	SN	3	*	*	*	c	*	*
Charleville ...			*	*		*	*			*	*	*	*	*	*
Paris ...	30.01f	- .16	56	*	-1	65	54	SE	3	5	sen	10	co	0.08	*
Lyons ...	?	?	64	*	+1	*	*	SN	3	*	*	*	f	*	*
Toulon ...	30.19r	0.0	64	60	-2	69	63	E	7	7	E	9	o	-	6

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

Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.
Skudesnaes ...	29.79	53	51	SEE	8	*	Valencia ...						
Thurso ...						7	Scilly ...						
Scarborough ...							London ...						
Greencastle ...						*	Rochefort ...	30.12	66	61	S	3	5
Holyhead ...													

## EXPLANATION OF COLUMNS.

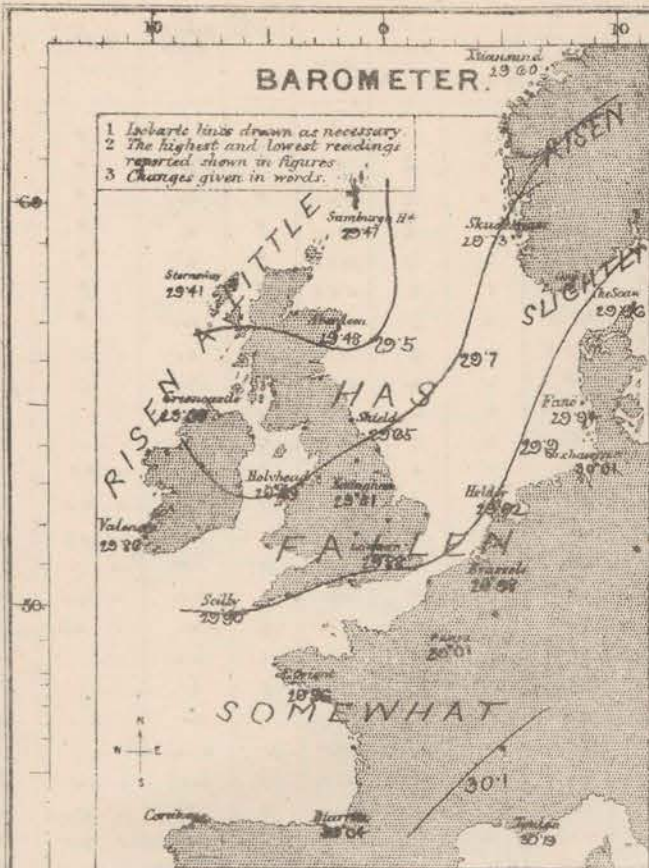
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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

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

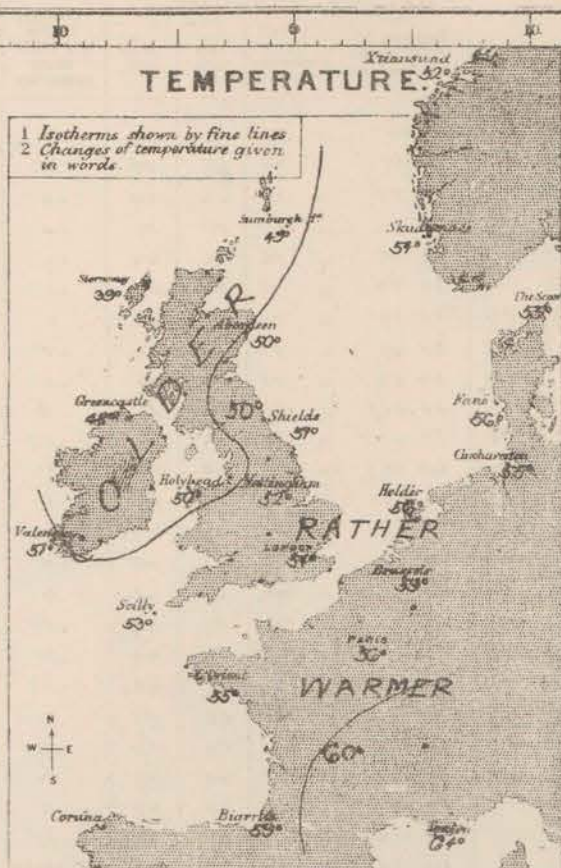
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



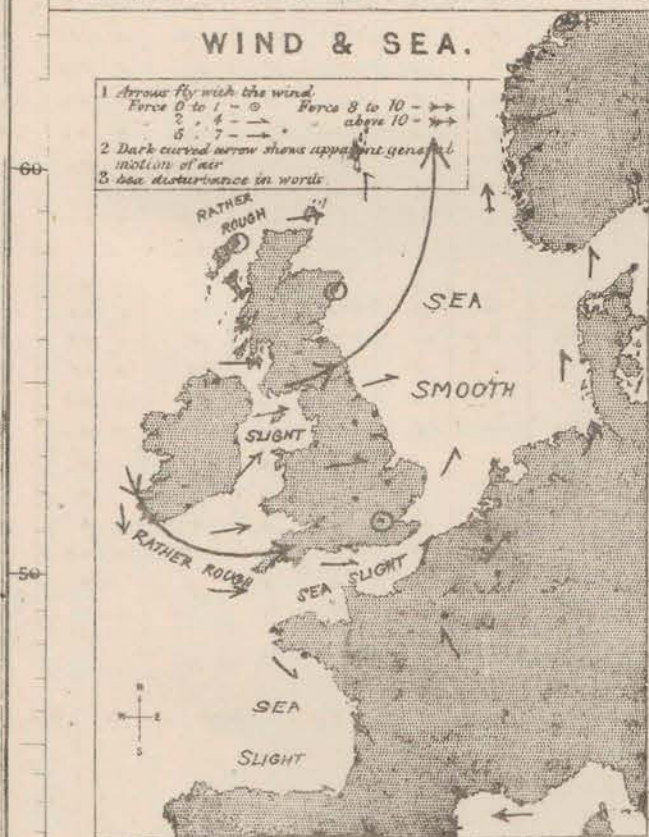
WEATHER CHARTS  
AND REMARKS FOR  
MONDAY 19<sup>TH</sup> OCTOBER 1874 AT 8 A.M.



During the past night a fall in the barometer has taken place all all but our extreme western and northern stations where a further, though slight, rise is reported. The highest readings are found in the south of France; the lowest in the north of Scotland; the gradient from London to Cape Brez Bay being .003 in, while that from Dover to Aberdeen is .005 in per 50 miles.

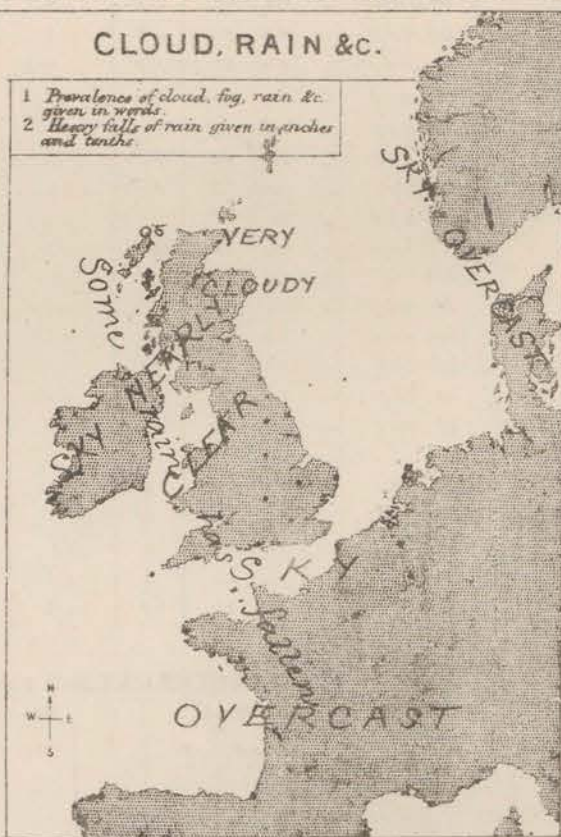


Temperature has decreased several degrees at our western and northern stations, but elsewhere the changes have been very irregular. The weather continues mild for the time of year.



Moderate NW breezes prevail in the south of Ireland, blowing round through W in Wales and the west of England to SW or west coast coasts and S on the eastern shore of the North Sea, while in the west of France the wind is very variable.

The deer is high at Skedoonac, and continues rather high at our Smith's western stations, but is slight elsewhere.



Rain has again fallen in nearly all parts of western Europe - heavily at Adcock and continued several of our northern stations. Thawing was seen at these last night. The sky is moderately clear except at the most northern and southern of our stations.

Warnings were issued to our western coasts on Saturday afternoon but the lones are lowered again this morning.

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

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

ROBERT H. SCOTT, Director.

Dangerfield, Lith. 23, Bedford St. Covent Garden.



Tues - day 8 a.m.

# WEATHER REPORT.

Oct. 20<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirct.	Force. (0 to 12.)	Force. (0 to 12.)	Dirct.				
Haparanda ...	29.52	-.31	48	48	+4	*	*	S	6	2	S	*	or	*	*
Hernösand ...	29.56	-.31	49	48	+3	*	*	SSW	4	2	S	*	be	*	*
Stockholm ...	29.78	-.26	52	52	+3	*	*	SSW	2	2	SSW	*	or	*	*
Wisby ...	29.91	-.23	57	53	+6	*	*	SW	4	4	SE	*	e	*	*
Christiansund ...	29.62	+.22	45	42	-7	*	*	NSW	3	8	SW	*	rot	*	6
Skudesnaes ...	29.84	+.11	49	44	-5	*	*	SW	6	3	NSW	*	e	*	5
Oxö (X'tiansand) ...	29.89	+.02	47	45	-7	*	*	NSW	4	4	SSW	*	ob	*	3
Skagen (The Skaw) ...	29.90	-.06	51	48	-4	*	*	NNW	4	6	SSW	*	re	0.08	*
Fanö ...	30.04	+.10	54	51	-2	*	*	N	4	2	SW	*	re	0.12	*
Cuxhaven ...	30.08	+.07	55	55	0	68	?	NSW	2	2	SW	7	o	0.22	*
Sumburgh Head ...	29.54	+.07	47	46	-2	49	45	NSW	3	6	NNW	7	p	0.06	7
Stornoway (brides) ...	29.56	+.15	47	47	+8	50	37	NSW	6	6	NSW	10	pqr	0.31	6
Thurso ...	29.61	+.12	46	44	0	53	38	S	5	5	S	8	bo	0.13	3
Wick ...	29.62	+.15	47	45	+2	50	38	SW	2	3	NW	10	co	0.02	1
Nairn ...	29.63	+.19	46	42	0	50	41	SSW	3	3	SW	2	ob	0.60	2
Aberdeen ...	29.78	+.30	44	42	-6	51	36	SSW	4	4	SSW	9	co	0.20	1
Leith ...	29.90	+.38	47	45	-4	55	42	NNW	3	3	N	6	e	0.03	*
Shields ...	30.01	+.36	46	44	-5	56	41	N	2	5	NSW	8	bo	-	2
York ...	30.15	+.38	43	41	-8	58	38	SW	1	3	SW	0	b	-	*
Scarborough ...	30.09	+.36	42	41	-10	54	39	NSW	2	4	SW	1	b	-	2
Nottingham ...	30.19	+.38	40	39	-12	59	35	SW	1	4	SW	3	ew	0.02	*
Ardrossan ...	29.92	+.36	49	47	0	54	42	SSW	5	6	SSW	9	prog	0.22	4
Greencastle ...	29.92	+.29	47	47	-1	50	43	SW	5	5	SW	10	sw	0.19	*
Donaghadee ...	29.99	+.38	44	43	-3	54	40	SW	4	4	SW	10	co	0.01	2
Kingstown ...	30.15	+.47	48	45	-1	53	45	NSW	4	6	NNW	9	co	0.01	3
Holyhead ...	30.13	+.44	49	46	-1	53	46	NSW	4	5	NNW	4	po	0.01	4
Liverpool (Bidston Obs.) ...	30.14	+.41	45	42	-4	54	43	SW	3	5	NNW	6	e	0.07	2
Valencia ...	30.24	+.38	52	49	+1	59	46	N	3	5	N	6	p	0.09	4
Roche's Point ...	30.22	+.45	48	46	0	58	46	N	4	6	NW	7	e	0.02	3
Pembroke ...	30.21	+.43	52	49	-1	54	48	NNW	3	5	N	3	po	0.01	2
Portishead ...	30.25	+.41	46	44	-5	61	38	S	1	5	NNW	0	cm	-	1
Scilly ...	30.32	+.42	51	48	-2	55	48	NNW	5	6	NNW	4	ep	0.05	5
Plymouth ...	30.30	+.40	40	40	-12	58	38	N	1	4	NSW	0	cg	0.02	*
Hurst Castle ...	30.28	+.37	47	45	-8	68	42	NNW	2	5	NNW	1	b	-	3
Dover ...	30.22	+.32	46	44	-12	60	44	NNW	3	3	NSW	0	ob	-	1
London ...	30.25	+.37	42	41	-12	61	39	NSW	1	2	NW	0	ob	-	*
Oxford ...	30.26	+.42	41	40	-11	57	38	N	1	3	SW	0	ob	-	*
Cambridge ...	30.24	+.39	43	41	-10	58	40	NSW	1	1	SW	0	ob	-	*
Yarmouth ...	30.19	+.32	42	41	-11	59	40	N	2	2	NSW	3	bf	-	2
Helder ...	30.11	+.19	55	*	-1	*	*	N	4	*	*	*	*	*	2
Cape Gris Nez ...	30.21	+.29	50	48	-7	59	49	N	4	4	SW	6	oc	0.04	3
Brest ...	30.37	+.37	51	49	-5	59	49	NNW	3	5	NNW	5	bo	-	3
L'Orient ...	30.30	+.34	48	46	-7	61	45	N	4	4	NNW	2	ob	-	3
Rochefort ...	30.20	+.23	52	48	-8	63	50	N	5	5	N	10	ro	0.24	3
Biarritz ...	30.22	+.18	55	53	-4	62	52	N	3	7	N	10	m	1.38	3
Cornuna ...			*	*		*	*				*	*	*	*	*
Brussels ...	30.22	+.24	50	*	-9	*	*	SW	3	*	*	*	e	*	*
Charleville ...	30.20		51	*		*	*	E	1	*	*	*	o	*	*
Paris ...	30.24	+.23	50	*	-6	58	49	NNW	4	4	NW	10	ro	0.79	*
Lyons ...	?	?	66	*	+2	*	*	N	3	*	*	*	o	*	*
Toulon ...	30.03	-.16	64	62	0	67	60	E	5	7	E	8	o	0.12	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.64	53	53	S	6	*	7	Valencia ...	30.07	52	47	N	5	7	p	5	
Thurso ...	29.55	49	46	NNW	4	7	p	3	Scilly ...	30.01	54	50	NNW	6	5	e	6
Scarborough...	29.79	54	50	SW	4	3	b	3	London ...	29.93	58	52	NSW	2	7	a	*
Greencastle ...	29.82	48	47	NW	4	7	e	*	Rochefort...	30.03	61	57	N	3	10	o	3
Holyhead ...	29.82	50	48	NNW	5	7	q	4									

The rise of the barometer in the m. has continued very briskly and extended to all parts of our Islands and the m. of France. The wind has veered to N. or NW. at all the m. stations with squalls and showers in some places.

## EXPLANATION OF COLUMNS.

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

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

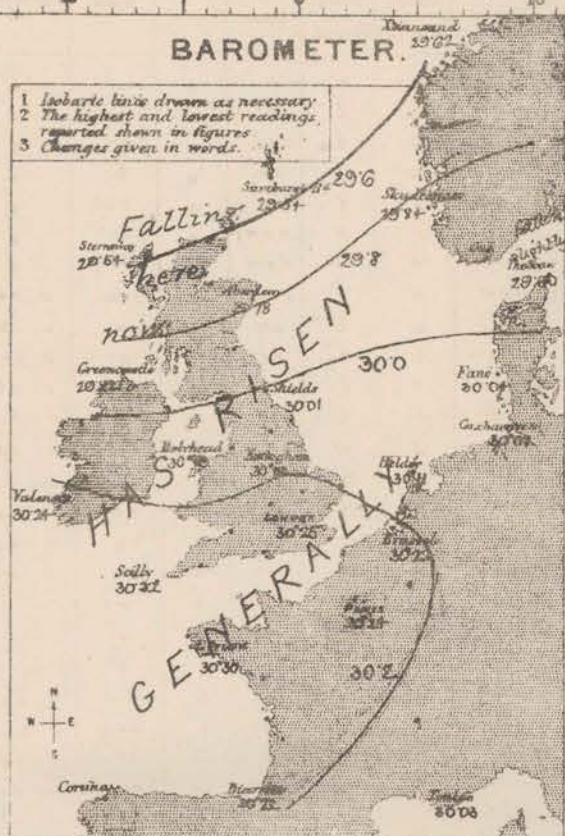
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS AND REMARKS FOR TUESDAY 20<sup>TH</sup> OCTOBER 1874 AT 8 A.M.

## BAROMETER.

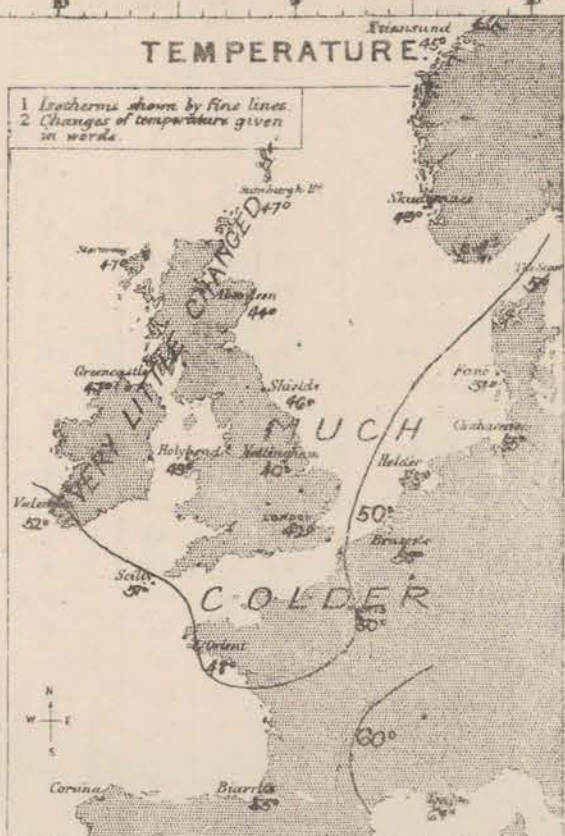
- 1 Isobars line drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



Since yesterday morning the barometer has risen over the whole of Western Europe, the change exceeding 0.4 in over the west of England and St. George's Channel, but during the night a sudden and brisk fall has set in at our north-western and northern stations. The highest readings lie over France and the south of our Islands, and the gradient from Nottingham to Shrewsbury is 0.03 in per 50 miles.

## TEMPERATURE.

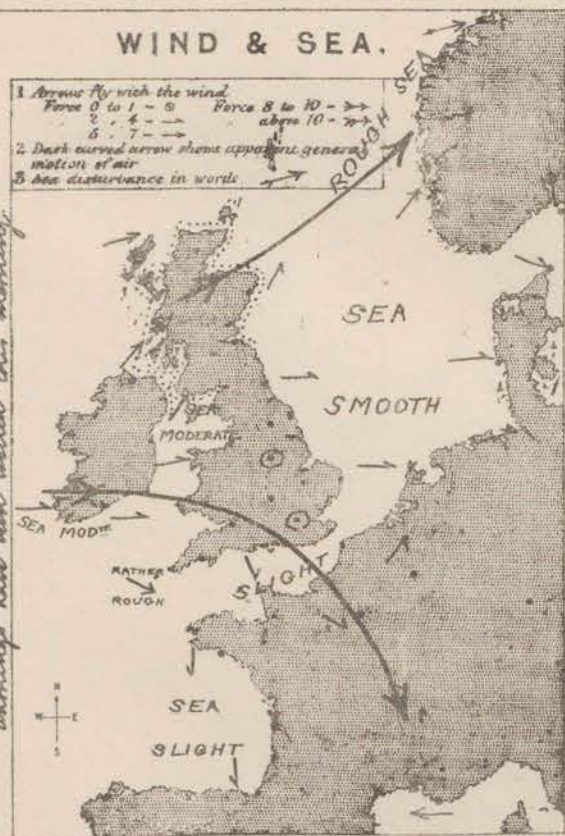
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen very considerably except in our most western and northern coasts. In the Central and south-eastern parts of England it is now 12° lower than it was yesterday, and a slight frost occurred on the grass in London during the night.

## WIND & SEA.

- 1 Arrows show the wind. Force 0 to 1 - 5 Force 6 to 10 - 15 Force 16 to 20 - 25 Force 26 to 30 - 35 Force 36 to 40 - 45 Force 46 to 50 - 55 Force 56 to 60 - 65 Force 66 to 70 - 75 Force 76 to 80 - 85 Force 86 to 90 - 95 Force 96 to 100 - 100
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



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

The wind veered to N or NW in all parts of our Islands yesterday. It has now backed again to W at our western stations and to SW in the north, and is freshening. At Southampton and Christchurch fresh NW gales are reported. The sea is high at our most northern stations moderate in the west and south-west, smooth in the east and north-east.

## CLOUD, RAIN &c.

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



Aurora was seen at Aberdeen last night. Rain has fallen at all but our eastern and south-eastern stations - heavily at Plymouth - and continues in the north and north-west of our Islands. The sky is clear on our south and east coasts. Warnings issued to our northern coasts this morning.

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

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

Daggerfield, 11th 22 Bedford St. Covent Garden.



Wednesday - day 8 a.m.

# WEATHER REPORT

Oct. 21<sup>st</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...						*	*					*		*	*
Oxö (X'tiansand)						*	*					*		*	*
Skagen (The Skaw)						*	*					*		*	*
Fanö ...						*	*					*		*	*
Cuxhaven ...	29.79 f	- .29	46	45	-9	57	?	SN	5	2	NSN	7	0	-	*
Lamburgh Head															
Stornoway (He- brides.)															
Thurso ...															
Wick ...															
Nairn ...															
Aberdeen ...															
Leith ...	28.77 f	- 1.12	48	47	+1	57	47	N	10	10	NSN	4	00	0.09	*
Shields ...	29.00 f	- 1.01	50	48	+4	50	46	N	8	9	N	3	06	0.05	2
York ...	? 29.14 f	- 1.01	54	50	+11	?	41	NSN	6	4	SSN	8	20	-	*
Scarborough ...	29.11 f	- .98	54	52	+12	55	42	N	9	9	N	8	06	-	5
Nottingham ...	29.41 f	- .78	58	54	+18	58	40	SN	8	9	SSN	10	29	0.01	*
Ardrossan ...	29.05 f	- .87	49	45	0	55	47	NNN	10	11	NNN	8	10	0.06	7
Greencastle ...	29.36 f	- .56	44	42	-3	53	44	NNN	?	9	NNN	9	07	0.72	*
Donaghadee ...	29.31 f	- .68	47	44	+3	56	44	NSN	7	9	NSN	5	00	0.11	6
Kingstown ...	29.46 f	- .69	54	50	+6	58	48	NNN	8	6	NSN	7	00	0.07	6
Holyhead ...	29.42 f	- .71	55	52	+6	56	48	N	9	5	SN	6	00	0.14	7
Liverpool (Bidston Obs.)	? 29.38 f	- .76	56	53	+11	58	44	NSN	9	9	NSN	10	00	0.02	5
Valencia ...	29.80 f	- .44	53	50	+1	59	46	NNN	6	6	NNN	7	00	0.23	6
Roche's Point ...	29.67 f	- .55	53	51	+5	55	44	NNN	6	7	N	7	00	0.10	5
Pembroke ...	29.65 f	- .56	55	54	+3	55	51	NSN	9	10	NSN	10	00	0.20	7
Portishead ...	29.68 f	- .57	54	50	+8	58	44	NSN	7	8	NSN	10	00	0.12	5
Scilly ...	29.94 f	- .38	55	54	+4	56	51	NSN	6	6	NSN	9	00	0.02	6
Plymouth ...	29.90 f	- .40	55	54	+15	57	38	SN	5	7	SN	10	00	-	*
Hurst Castle ...	29.84 f	- .44	57	53	+10	57	47	N	7	7	N	10	00	-	5
Dover ...	29.79 f	- .43	56	53	+10	57	44	NSN	7	3	NSN	7	00	-	6
London ...	29.74 f	- .51	57	52	+15	58	41	NSN	7	2	NSN	10	00	-	*
Oxford ...	29.67	- .59	54	50	+13	54	41	SN	7	8	SN	10	00	-	*
Cambridge ...	29.57 f	- .67	54	50	+11	54	41	SN	6	6	SN	10	00	0.02	*
Yarmouth ...	29.56 f	- .63	52	51	+10	53	40	SN	6	6	SN	7	00	0.02	4
Helder ...	29.69	- .42	55	*	0	*	*	SN	7	*	*	*	00	-	2
Cape Gris Nez ...	29.87 f	- .34	56	52	+6	56	48	SN	8	4	NNN	10	00	-	6
Brest ...	30.17 f	- .20	56	56	+5	58	49	NSN	7	7	NSN	10	00	-	4
L'Orient ...	30.14 f	- .16	55	51	+7	59	48	N	5	5	N	9	00	-	4
Roche fort ...	30.24 f	+ .01	53	42	+1	61	43	ESE	1	7	NNE	5	00	-	3
Biarritz ...	30.28 r	+ .06	55	53	0	60	54	E	3	5	NE	9	00	-	4
Corunna ...						*	*					*		*	*
Brussels ...	29.96	- .26	46	*	-4	*	*	SN	6	*	*	*	00	-	*
Charleville ...	? 30.12	- .08	40	*	-11	*	*	SN	3	*	*	*	00	-	*
Paris ...	30.14 f	- .10	45	*	-5	57	41	SN	4	4	N	10	00	-	*
Lyons ...	?	?	59	*	-7	*	*	NN	3	*	*	*	00	-	*
Toulon ...	30.07 r	+ .04	60	56	-4	62	56	E	5	7	E	9	1.22	5	

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.
Skudesnaes ...	29.71	49	46	S	8	*	7	Valencia ...	30.22	53	50	N	3	8	4
Thurso ...	29.56	43	45	N	5	7	4	Scilly ...	30.35	55	52	N	5	5	5
Scarborough ...	30.00	50	47	NSN	5	9	5	London ...	30.26	53	47	NSN	2	5	6
Greencastle ...	29.87	50	49	NSN	4	10	9	Roche fort ...	30.26	60	53	NNE	7	8	3
Holyhead ...	30.08	52	50	SN	5	7	4								

The barometer has fallen at all but the 55 stations, but is now beginning to rise again at Thurso. The wind at Ardrossan had increased to a moderate gale from SN. by noon, and has now veered to N. in the N. generally.

Fanning cones lowered in the N. this afternoon.

## EXPLANATION OF COLUMNS.

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

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

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



# WEATHER CHARTS

## AND REMARKS FOR

WEDNESDAY 21<sup>ST</sup> OCTOBER 1874 AT 8 A.M.

### BAROMETER.

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



During the past night a most sudden and rapid fall of the barometer has taken place over our Islands, especially in the north — the change at Leith amounting to an inch since six p.m. In places the fall has been slight. Gradients for W. winds have thus become very steep, that from Scilly to Holyhead being 0.13 in. while that from Holyhead to Leith is 0.19 in. per 50 miles (Leith is the most northern station from which we have reports for to day at present.)

### TEMPERATURE.

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



Temperature has risen very considerably over England — as much as 18° at Nottingham.

### WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 — 0 Force 8 to 10 — 300 Force 11 to 12 — 400 Force 13 to 14 — 500 Force 15 to 16 — 600 Force 17 to 18 — 700 Force 19 to 20 — 800 Force 21 to 22 — 900 Force 23 to 24 — 1000 Force 25 to 26 — 1100 Force 27 to 28 — 1200 Force 29 to 30 — 1300 Force 31 to 32 — 1400 Force 33 to 34 — 1500 Force 35 to 36 — 1600 Force 37 to 38 — 1700 Force 39 to 40 — 1800 Force 41 to 42 — 1900 Force 43 to 44 — 2000 Force 45 to 46 — 2100 Force 47 to 48 — 2200 Force 49 to 50 — 2300 Force 51 to 52 — 2400 Force 53 to 54 — 2500 Force 55 to 56 — 2600 Force 57 to 58 — 2700 Force 59 to 60 — 2800 Force 61 to 62 — 2900 Force 63 to 64 — 3000 Force 65 to 66 — 3100 Force 67 to 68 — 3200 Force 69 to 70 — 3300 Force 71 to 72 — 3400 Force 73 to 74 — 3500 Force 75 to 76 — 3600 Force 77 to 78 — 3700 Force 79 to 80 — 3800 Force 81 to 82 — 3900 Force 83 to 84 — 4000 Force 85 to 86 — 4100 Force 87 to 88 — 4200 Force 89 to 90 — 4300 Force 91 to 92 — 4400 Force 93 to 94 — 4500 Force 95 to 96 — 4600 Force 97 to 98 — 4700 Force 99 to 100 — 4800 Force 101 to 102 — 4900 Force 103 to 104 — 5000 Force 105 to 106 — 5100 Force 107 to 108 — 5200 Force 109 to 110 — 5300 Force 111 to 112 — 5400 Force 113 to 114 — 5500 Force 115 to 116 — 5600 Force 117 to 118 — 5700 Force 119 to 120 — 5800 Force 121 to 122 — 5900 Force 123 to 124 — 6000 Force 125 to 126 — 6100 Force 127 to 128 — 6200 Force 129 to 130 — 6300 Force 131 to 132 — 6400 Force 133 to 134 — 6500 Force 135 to 136 — 6600 Force 137 to 138 — 6700 Force 139 to 140 — 6800 Force 141 to 142 — 6900 Force 143 to 144 — 7000 Force 145 to 146 — 7100 Force 147 to 148 — 7200 Force 149 to 150 — 7300 Force 151 to 152 — 7400 Force 153 to 154 — 7500 Force 155 to 156 — 7600 Force 157 to 158 — 7700 Force 159 to 160 — 7800 Force 161 to 162 — 7900 Force 163 to 164 — 8000 Force 165 to 166 — 8100 Force 167 to 168 — 8200 Force 169 to 170 — 8300 Force 171 to 172 — 8400 Force 173 to 174 — 8500 Force 175 to 176 — 8600 Force 177 to 178 — 8700 Force 179 to 180 — 8800 Force 181 to 182 — 8900 Force 183 to 184 — 9000 Force 185 to 186 — 9100 Force 187 to 188 — 9200 Force 189 to 190 — 9300 Force 191 to 192 — 9400 Force 193 to 194 — 9500 Force 195 to 196 — 9600 Force 197 to 198 — 9700 Force 199 to 200 — 9800 Force 201 to 202 — 9900 Force 203 to 204 — 10000 Force 205 to 206 — 10100 Force 207 to 208 — 10200 Force 209 to 210 — 10300 Force 211 to 212 — 10400 Force 213 to 214 — 10500 Force 215 to 216 — 10600 Force 217 to 218 — 10700 Force 219 to 220 — 10800 Force 221 to 222 — 10900 Force 223 to 224 — 11000 Force 225 to 226 — 11100 Force 227 to 228 — 11200 Force 229 to 230 — 11300 Force 231 to 232 — 11400 Force 233 to 234 — 11500 Force 235 to 236 — 11600 Force 237 to 238 — 11700 Force 239 to 240 — 11800 Force 241 to 242 — 11900 Force 243 to 244 — 12000 Force 245 to 246 — 12100 Force 247 to 248 — 12200 Force 249 to 250 — 12300 Force 251 to 252 — 12400 Force 253 to 254 — 12500 Force 255 to 256 — 12600 Force 257 to 258 — 12700 Force 259 to 260 — 12800 Force 261 to 262 — 12900 Force 263 to 264 — 13000 Force 265 to 266 — 13100 Force 267 to 268 — 13200 Force 269 to 270 — 13300 Force 271 to 272 — 13400 Force 273 to 274 — 13500 Force 275 to 276 — 13600 Force 277 to 278 — 13700 Force 279 to 280 — 13800 Force 281 to 282 — 13900 Force 283 to 284 — 14000 Force 285 to 286 — 14100 Force 287 to 288 — 14200 Force 289 to 290 — 14300 Force 291 to 292 — 14400 Force 293 to 294 — 14500 Force 295 to 296 — 14600 Force 297 to 298 — 14700 Force 299 to 300 — 14800 Force 301 to 302 — 14900 Force 303 to 304 — 15000 Force 305 to 306 — 15100 Force 307 to 308 — 15200 Force 309 to 310 — 15300 Force 311 to 312 — 15400 Force 313 to 314 — 15500 Force 315 to 316 — 15600 Force 317 to 318 — 15700 Force 319 to 320 — 15800 Force 321 to 322 — 15900 Force 323 to 324 — 16000 Force 325 to 326 — 16100 Force 327 to 328 — 16200 Force 329 to 330 — 16300 Force 331 to 332 — 16400 Force 333 to 334 — 16500 Force 335 to 336 — 16600 Force 337 to 338 — 16700 Force 339 to 340 — 16800 Force 341 to 342 — 16900 Force 343 to 344 — 17000 Force 345 to 346 — 17100 Force 347 to 348 — 17200 Force 349 to 350 — 17300 Force 351 to 352 — 17400 Force 353 to 354 — 17500 Force 355 to 356 — 17600 Force 357 to 358 — 17700 Force 359 to 360 — 17800 Force 361 to 362 — 17900 Force 363 to 364 — 18000 Force 365 to 366 — 18100 Force 367 to 368 — 18200 Force 369 to 370 — 18300 Force 371 to 372 — 18400 Force 373 to 374 — 18500 Force 375 to 376 — 18600 Force 377 to 378 — 18700 Force 379 to 380 — 18800 Force 381 to 382 — 18900 Force 383 to 384 — 19000 Force 385 to 386 — 19100 Force 387 to 388 — 19200 Force 389 to 390 — 19300 Force 391 to 392 — 19400 Force 393 to 394 — 19500 Force 395 to 396 — 19600 Force 397 to 398 — 19700 Force 399 to 400 — 19800 Force 401 to 402 — 19900 Force 403 to 404 — 20000 Force 405 to 406 — 20100 Force 407 to 408 — 20200 Force 409 to 410 — 20300 Force 411 to 412 — 20400 Force 413 to 414 — 20500 Force 415 to 416 — 20600 Force 417 to 418 — 20700 Force 419 to 420 — 20800 Force 421 to 422 — 20900 Force 423 to 424 — 21000 Force 425 to 426 — 21100 Force 427 to 428 — 21200 Force 429 to 430 — 21300 Force 431 to 432 — 21400 Force 433 to 434 — 21500 Force 435 to 436 — 21600 Force 437 to 438 — 21700 Force 439 to 440 — 21800 Force 441 to 442 — 21900 Force 443 to 444 — 22000 Force 445 to 446 — 22100 Force 447 to 448 — 22200 Force 449 to 450 — 22300 Force 451 to 452 — 22400 Force 453 to 454 — 22500 Force 455 to 456 — 22600 Force 457 to 458 — 22700 Force 459 to 460 — 22800 Force 461 to 462 — 22900 Force 463 to 464 — 23000 Force 465 to 466 — 23100 Force 467 to 468 — 23200 Force 469 to 470 — 23300 Force 471 to 472 — 23400 Force 473 to 474 — 23500 Force 475 to 476 — 23600 Force 477 to 478 — 23700 Force 479 to 480 — 23800 Force 481 to 482 — 23900 Force 483 to 484 — 24000 Force 485 to 486 — 24100 Force 487 to 488 — 24200 Force 489 to 490 — 24300 Force 491 to 492 — 24400 Force 493 to 494 — 24500 Force 495 to 496 — 24600 Force 497 to 498 — 24700 Force 499 to 500 — 24800 Force 501 to 502 — 24900 Force 503 to 504 — 25000 Force 505 to 506 — 25100 Force 507 to 508 — 25200 Force 509 to 510 — 25300 Force 511 to 512 — 25400 Force 513 to 514 — 25500 Force 515 to 516 — 25600 Force 517 to 518 — 25700 Force 519 to 520 — 25800 Force 521 to 522 — 25900 Force 523 to 524 — 26000 Force 525 to 526 — 26100 Force 527 to 528 — 26200 Force 529 to 530 — 26300 Force 531 to 532 — 26400 Force 533 to 534 — 26500 Force 535 to 536 — 26600 Force 537 to 538 — 26700 Force 539 to 540 — 26800 Force 541 to 542 — 26900 Force 543 to 544 — 27000 Force 545 to 546 — 27100 Force 547 to 548 — 27200 Force 549 to 550 — 27300 Force 551 to 552 — 27400 Force 553 to 554 — 27500 Force 555 to 556 — 27600 Force 557 to 558 — 27700 Force 559 to 560 — 27800 Force 561 to 562 — 27900 Force 563 to 564 — 28000 Force 565 to 566 — 28100 Force 567 to 568 — 28200 Force 569 to 570 — 28300 Force 571 to 572 — 28400 Force 573 to 574 — 28500 Force 575 to 576 — 28600 Force 577 to 578 — 28700 Force 579 to 580 — 28800 Force 581 to 582 — 28900 Force 583 to 584 — 29000 Force 585 to 586 — 29100 Force 587 to 588 — 29200 Force 589 to 590 — 29300 Force 591 to 592 — 29400 Force 593 to 594 — 29500 Force 595 to 596 — 29600 Force 597 to 598 — 29700 Force 599 to 600 — 29800 Force 601 to 602 — 29900 Force 603 to 604 — 30000 Force 605 to 606 — 30100 Force 607 to 608 — 30200 Force 609 to 610 — 30300 Force 611 to 612 — 30400 Force 613 to 614 — 30500 Force 615 to 616 — 30600 Force 617 to 618 — 30700 Force 619 to 620 — 30800 Force 621 to 622 — 30900 Force 623 to 624 — 31000 Force 625 to 626 — 31100 Force 627 to 628 — 31200 Force 629 to 630 — 31300 Force 631 to 632 — 31400 Force 633 to 634 — 31500 Force 635 to 636 — 31600 Force 637 to 638 — 31700 Force 639 to 640 — 31800 Force 641 to 642 — 31900 Force 643 to 644 — 32000 Force 645 to 646 — 32100 Force 647 to 648 — 32200 Force 649 to 650 — 32300 Force 651 to 652 — 32400 Force 653 to 654 — 32500 Force 655 to 656 — 32600 Force 657 to 658 — 32700 Force 659 to 660 — 32800 Force 661 to 662 — 32900 Force 663 to 664 — 33000 Force 665 to 666 — 33100 Force 667 to 668 — 33200 Force 669 to 670 — 33300 Force 671 to 672 — 33400 Force 673 to 674 — 33500 Force 675 to 676 — 33600 Force 677 to 678 — 33700 Force 679 to 680 — 33800 Force 681 to 682 — 33900 Force 683 to 684 — 34000 Force 685 to 686 — 34100 Force 687 to 688 — 34200 Force 689 to 690 — 34300 Force 691 to 692 — 34400 Force 693 to 694 — 34500 Force 695 to 696 — 34600 Force 697 to 698 — 34700 Force 699 to 700 — 34800 Force 701 to 702 — 34900 Force 703 to 704 — 35000 Force 705 to 706 — 35100 Force 707 to 708 — 35200 Force 709 to 710 — 35300 Force 711 to 712 — 35400 Force 713 to 714 — 35500 Force 715 to 716 — 35600 Force 717 to 718 — 35700 Force 719 to 720 — 35800 Force 721 to 722 — 35900 Force 723 to 724 — 36000 Force 725 to 726 — 36100 Force 727 to 728 — 36200 Force 729 to 730 — 36300 Force 731 to 732 — 36400 Force 733 to 734 — 36500 Force 735 to 736 — 36600 Force 737 to 738 — 36700 Force 739 to 740 — 36800 Force 741 to 742 — 36900 Force 743 to 744 — 37000 Force 745 to 746 — 37100 Force 747 to 748 — 37200 Force 749 to 750 — 37300 Force 751 to 752 — 37400 Force 753 to 754 — 37500 Force 755 to 756 — 37600 Force 757 to 758 — 37700 Force 759 to 760 — 37800 Force 761 to 762 — 37900 Force 763 to 764 — 38000 Force 765 to 766 — 38100 Force 767 to 768 — 38200 Force 769 to 770 — 38300 Force 771 to 772 — 38400 Force 773 to 774 — 38500 Force 775 to 776 — 38600 Force 777 to 778 — 38700 Force 779 to 780 — 38800 Force 781 to 782 — 38900 Force 783 to 784 — 39000 Force 785 to 786 — 39100 Force 787 to 788 — 39200 Force 789 to 790 — 39300 Force 791 to 792 — 39400 Force 793 to 794 — 39500 Force 795 to 796 — 39600 Force 797 to 798 — 39700 Force 799 to 800 — 39800 Force 801 to 802 — 39900 Force 803 to 804 — 40000 Force 805 to 806 — 40100 Force 807 to 808 — 40200 Force 809 to 810 — 40300 Force 811 to 812 — 40400 Force 813 to 814 — 40500 Force 815 to 816 — 40600 Force 817 to 818 — 40700 Force 819 to 820 — 40800 Force 821 to 822 — 40900 Force 823 to 824 — 41000 Force 825 to 826 — 41100 Force 827 to 828 — 41200 Force 829 to 830 — 41300 Force 831 to 832 — 41400 Force 833 to 834 — 41500 Force 835 to 836 — 41600 Force 837 to 838 — 41700 Force 839 to 840 — 41800 Force 841 to 842 — 41900 Force 843 to 844 — 42000 Force 845 to 846 — 42100 Force 847 to 848 — 42200 Force 849 to 850 — 42300 Force 851 to 852 — 42400 Force 853 to 854 — 42500 Force 855 to 856 — 42600 Force 857 to 858 — 42700 Force 859 to 860 — 42800 Force 861 to 862 — 42900 Force 863 to 864 — 43000 Force 865 to 866 — 43100 Force 867 to 868 — 43200 Force 869 to 870 — 43300 Force 871 to 872 — 43400 Force 873 to 874 — 43500 Force 875 to 876 — 43600 Force 877 to 878 — 43700 Force 879 to 880 — 43800 Force 881 to 882 — 43900 Force 883 to 884 — 44000 Force 885 to 886 — 44100 Force 887 to 888 — 44200 Force 889 to 890 — 44300 Force 891 to 892 — 44400 Force 893 to 894 — 44500 Force 895 to 896 — 44600 Force 897 to 898 — 44700 Force 899 to 900 — 44800 Force 901 to 902 — 44900 Force 903 to 904 — 45000 Force 905 to 906 — 45100 Force 907 to 908 — 45200 Force 909 to 910 — 45300 Force 911 to 912 — 45400 Force 913 to 914 — 45500 Force 915 to 916 — 45600 Force 917 to 918 — 45700 Force 919 to 920 — 45800 Force 921 to 922 — 45900 Force 923 to 924 — 46000 Force 925 to 926 — 46100 Force 927 to 928 — 46200 Force 929 to 930 — 46300 Force 931 to 932 — 46400 Force 933 to 934 — 46500 Force 935 to 936 — 46600 Force 937 to 938 — 46700 Force 939 to 940 — 46800 Force 941 to 942 — 46900 Force 943 to 944 — 47000 Force 945 to 946 — 47100 Force 947 to 948 — 47200 Force 949 to 950 — 47300 Force 951 to 952 — 47400 Force 953 to 954 — 47500 Force 955 to 956 — 47600 Force 957 to 958 — 47700 Force 959 to 960 — 47800 Force 961 to 962 — 47900 Force 963 to 964 — 48000 Force 965 to 966 — 48100 Force 967 to 968 — 48200 Force 969 to 970 — 48300 Force 971 to 972 — 48400 Force 973 to 974 — 48500 Force 975 to 976 — 48600 Force 977 to 978 — 48700 Force 979 to 980 — 48800 Force 981 to 982 — 48900 Force 983 to 984 — 49000 Force 985 to 986 — 49100 Force 987 to 988 — 49200 Force 989 to 990 — 49300 Force 991 to 992 — 49400 Force 993 to 994 — 49500 Force 995 to 996 — 49600 Force 997 to 998 — 49700 Force 999 to 1000 — 49800 Force 1001 to 1002 — 49900 Force 1003 to 1004 — 50000 Force 1005 to 1006 — 50100 Force 1007 to 1008 — 50200 Force 1009 to 1010 — 50300 Force 1011 to 1012 — 50400 Force 1013 to 1014 — 50500 Force 1015 to 1016 — 50600 Force 1017 to 1018 — 50700 Force 1019 to 1020 — 50800 Force 1021 to 1022 — 50900 Force 1023 to 1024 — 51000 Force 1025 to 1026 — 51100 Force 1027 to 1028 — 51200 Force 1029 to 1030 — 51300 Force 1031 to 1032 — 51400 Force 1033 to 1034 — 51500 Force 1035 to 1036 — 51600 Force 1037 to 1038 — 51700 Force 1039 to 1040 — 51800 Force 1041 to 1042 — 51900 Force 1043 to 1044 — 52000 Force 1045 to 1046 — 52100 Force 1047 to 1048 — 52200 Force 1049 to 1050 — 52300 Force 1051 to 1052 — 52400 Force 1053 to 1054 — 52500 Force 1055 to 1056 — 52600 Force 1057 to 1058 — 52700 Force 1059 to 1060 — 52800 Force 1061 to 1062 — 52900 Force 1063 to 1064 — 53000 Force 1065 to 1066 — 53100 Force 1067 to 1068 — 53200 Force 1069 to 1070 — 53300 Force 1071 to 1072 — 53400 Force 1073 to 1074 — 53500 Force 1075 to 1076 — 53600 Force 1077 to 1078 — 53700 Force 1079 to 1080 — 53800 Force 1081 to 1082 — 53900 Force 1083 to 1084 — 54000 Force 1085 to 1086 — 54100 Force 1087 to 1088 — 54200 Force 1089 to 1090 — 54300 Force 1091 to 1092 — 54400 Force 1093 to 1094 — 54500 Force 1095 to 1096 — 54600 Force 1097 to 1098 — 54700 Force 1099 to 1100 — 54800 Force 1101 to 1102 — 54900 Force 1103 to 1104 — 55000 Force 1105 to 1106 — 55100 Force 1107 to 1108 — 55200 Force 1109 to 1110 — 55300 Force 1111 to 1112 — 55400 Force 1113 to 1114 — 55500 Force 1115 to 1116 — 55600 Force 1117 to 1118 — 55700 Force 1119 to 1120 — 55800 Force 1121 to 1122 — 55900 Force 1123 to 1124 — 56000 Force 1125 to 1126 — 56100 Force 1127 to 1128 — 56200 Force 1129 to 1130 — 56300 Force 1131 to 1132 — 56400 Force 1133 to 1134 — 56500 Force 1135 to 1136 — 56600 Force 1137 to 1138 — 56700 Force 1139 to 1140 — 56800 Force 1141 to 1142 — 56900 Force 1143 to 1144 — 57000 Force 1145 to 1146 — 57100 Force 1147 to 1148 — 57200 Force 1149 to 1150 — 57300 Force 1151 to 1152 — 57400 Force 1153 to 1154 — 57500 Force 1155 to 1156 — 57600 Force 1157 to 1158 — 57700 Force 1159 to 1160 — 57800 Force 1161 to 1162 — 57900 Force 1163 to 1164 — 58000 Force 1165 to 1166 — 58100 Force 1167 to 1168 — 58200 Force 1169 to 1170 — 58300 Force 1171 to 1172 — 58400 Force 1173 to 1174 — 58500 Force 1175 to 1176 — 58600 Force 1177 to 1178 — 58700 Force 1179 to 1180 — 58800 Force 1181 to 1182 — 58900 Force 1183 to 1184 — 59000 Force 1185 to 1186 — 59100 Force 1187 to 1188 — 59200 Force 1189 to 1190 — 59300 Force 1191 to 1192 — 59400 Force 1193 to 1194 — 59500 Force 1195 to 1196 — 59600 Force 1197 to 1198 — 59700 Force 1199 to 1200 — 59800 Force 1201 to 1202 — 59900 Force 1203 to 1204 — 60000 Force 1205 to 1206 — 60100 Force 1207 to 1208 — 60200 Force 1209 to 1210 — 60300 Force 1211 to 1212 — 60400 Force 1213 to 1214 — 60500 Force 1215 to 1216 — 60600 Force 1217 to 1218 — 60700 Force 1219 to 1220 — 60800 Force 1221 to 1222 — 60900 Force 1223 to 1224 — 61000 Force 1225 to 1226 — 61100 Force 1227 to 1228 — 61200 Force 1229 to 1230 — 61300 Force 1231 to 1232 — 61400 Force 1233 to 1234 — 61500 Force 1235 to 1236 — 61600 Force 1237 to 1238 — 61700 Force 1239 to 1240 — 61800 Force 1241 to 1242 — 61900 Force 1243 to 1244 — 62000 Force 1245 to 1246 — 62100 Force 1247 to 1248 — 62200 Force 1249 to 1250 — 62300 Force 1251 to 1252 — 62400 Force 1253 to 1254 — 62500 Force 1255 to 1256 — 62600 Force 1257 to 1258 — 62700 Force 1259 to 1260 — 62800 Force 1261 to 1262 — 62900 Force 1263 to 1264 — 63000 Force 1265 to 1266 — 63100 Force 1267 to 1268 — 63200 Force 1269 to 1270 — 63300 Force 1271 to 1272 — 63400 Force 1273 to 1274 — 63500 Force 1275 to 1276 — 63600 Force 1277 to 1278 — 63700 Force 1279 to 1280 — 63800 Force 1281 to 1282 — 63900 Force 1283 to 1284 — 64000 Force 1285 to 1286 — 64100 Force 1287 to 1288 — 64200 Force 1289 to 1290 — 64300 Force 1291 to 1292 — 64400 Force 1293 to 1294 — 64500 Force 1295 to 1296 — 64600 Force 1297 to 1298 — 64700 Force 1299 to 1300 — 64800 Force 1301 to 1302 — 64900 Force 1303 to 1304 — 65000 Force 1305 to 1306 — 65100 Force 1307 to 1308 — 65200 Force 1309 to 1310 — 65300 Force 1311 to 1312 — 65400 Force 1313 to 1314 — 65500 Force 1315 to 1316 — 65600 Force 1317 to 1318 — 65700 Force 1319 to 1320 — 65800 Force 1321 to 1322 — 65900 Force 1323 to 1324 — 66000 Force 1325 to 1326 — 66100 Force 1327 to 1328 — 66200 Force 1329 to 1330 — 66300 Force 1331 to 1332 — 66400 Force 1333 to 1334 — 66500 Force 1335 to 1336 — 66600 Force 1337 to 1338 — 66700 Force 1



STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...	28.58	- .25	48	46	- 3	*	*	NNN	10	10	SN	*	or	*	7
Öxö (X'tiansand) ...	28.56	- .65	49	46	- 4	*	*	NNN	4	10	SN	*	ro	*	5
Skagen (The Skaw) ...						*	*					*		*	*
Fanö ...	28.92	- .62	47	44	- 7	*	*	N	10	10	N	*	he	-	*
Cuxhaven ...															*
Sumburgh Head ...	29.05r	+ .65	45	44	- 2	47	40	N	9	10	N	10	rfo	0.13	9
Stornoway (Hebrides) ...	29.56r	+ .70	43	41	+ 2	47	37	NN	6	11	NN	7	pg	0.19	6
Thurso ...	29.39r	+ 1.00	46	42	- 3	50	34	NNN	8	11	NNN	7	fg	0.44	8
Wick ...	29.33r	+ .96	44	42	- 4	48	37	NN	7	10	NN	6	p	0.38	3
Nairn ...	29.49r	+ 1.04	44	42	- 3	47	41	SN	2	9	SEN	6	okv	0.19	2
Aberdeen ...	29.35r	+ .47	43	40	- 7	51	40	NN	7	11	NN	1	qfb	0.43	4
Leith ...	29.55r	+ .78	42	40	- 6	54	40	N	2	10	N	1	phb	-	*
Shields ...	29.51r	+ .51	42	40	- 8	51	40	N	4	10	NNN	3	qfb	-	2
York ...	29.63r	+ .49	46	43	- 8	60	40	N	2	6	NNN	0	b	-	*
Scarborough ...	29.54r	+ .43	45	42	- 9	54	42	NN	5	9	N	0	eb	0.01	5
Nottingham ...	29.67r	+ .26	47	44	- 11	59	41	NNN	3	9	NNN	10	fg	0.06	*
Ardrossan ...	29.62r	+ .57	43	44	- 1	51	45	NN	6	10	NNN	5	qfo	0.10	4
Greencastle ...	29.71r	+ .35	43	42	- 1	46	42	NNN	3	9	NNN	4	qfo	0.19	*
Donaghadee ...	29.68r	+ .37	44	42	- 3	49	42	N	3	7	NNN	2	cb	0.04	2
Kingstown ...	29.78r	+ .32	45	43	- 9	55	45	NNN	4	9	NNN	5	qfo	-	3
Holyhead ...	29.74r	+ .32	48	45	- 7	57	47	NNN	5	10	NNN	5	c	-	5
Liverpool (Bidston Obs.) ...	29.66r	+ .28	48	43	- 8	56	45	N	5	9	NNN	7	oc	0.04	4
Valencia ...	29.80f	.00	48	46	- 5	58	46	S	2	8	NNN	6	p	0.28	4
Roche's Point ...	29.80f	+ .15	47	45	- 6	53	45	NNN	2	7	NN	9	qfo	0.07	3
Pembroke ...	29.81r	+ .16	50	47	- 5	55	49	NN	0	9	NNN	7	cp	0.00	3
Portishead ...	29.77r	+ .09	49	46	- 5	58	44	N	5	7	N	10	qfo	0.06	4
Scilly ...	29.91r	- .03	51	49	- 4	57	50	N	4	7	NNN	9	or	0.10	5
Plymouth ...	29.86r	- .04	50	49	- 5	59	48	N	2	5	NNN	10	d	0.04	*
Hurst Castle ...	29.81r	- .03	50	48	- 7	64	46	NN	5	8	N	10	o	0.04	5
Dover ...	29.70r	- .09	45	43	- 11	57	40	N	3	8	NNN	2	b	0.23	3
London ...	29.71r	- .03	47	44	- 10	57	41	N	3	9	NNN	7	qbo	0.03	*
Oxford ...	29.75	+ .08	44	43	- 10	58	41	N	1	8	N	9	co	-	*
Cambridge ...	29.69r	+ .12	45	41	- 9	57	40	N	2	7	SN	0	ub	-	*
Yarmouth ...	29.60r	+ .04	43	42	- 9	56	41	N	5	8	NNN	0	qfb	0.10	5
Helder ...	29.42	- .27	51	*	- 4	*	*	N	7	*	*	*	*	*	7
Cape Gris Nez ...	29.73r	- .14	48	44	- 8	59	47	NN	7	9	NNN	5	rfo	0.12	5
Brest ...	30.04r	- .13	50	51	- 3	58	51	NNN	0	7	NNN	10	ro	0.04	3
L'Orient ...	29.95r	- .19	51	47	- 4	60	50	NN	1	8	N	7	o	0.04	3
Rochefort ...	29.99f	- .25	52	47	- 1	60	42	NNN	5	7	NN	10	or	0.04	3
Biarritz ...	30.09f	- .19	57	55	+ 2	58	51	?N	5	0	N	9	fo	-	4
Corunna ...	30.19		57	*		*	*	SE	1	*	*	*	fof	*	1
Brussels ...	29.69	- .27	46	*	0	*	*	SN	3	*	*	*	qfo	*	*
Charleville ...	29.82	- .30	40	*	0	*	*	ESE	1	*	*	*	b	*	*
Paris ...	29.86f	- .28	47	*	+ 2	54	42	NNN	5	9	NNN	10	ro	0.08	*
Lyons ...	?	?	59	*	0	*	*	SE	3	*	*	*	m	*	*
Toulon ...	29.88f	- .19	52	?	- 8	65	51	N	5	5	E	7	o	-	5

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

	Bar.	Dry.	Wet.	Wind.		O.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		O.	Wes.	Sea.
Skudesnaes ...	28.28	50	50	S	10	*	r	9	Valencia ...	29.90	51	47	NNN	7	6	f	6
Thurso ...	29.08	42	40	NN	8	7	fg	7	Scilly ...	29.84	54	51	NN	7	7	q	6
Scarborough...	29.25	50	45	N	8	7	c	5	London ...	29.62	57	55	N	5	10	qor	*
Greencastle ...	29.54	45	44	NNN	6	9	f	*	Rochefort...	30.17	59	50	NNN	7	10	o	3
Holyhead ...	29.58	49	45	NNN	10	8	c	8									

A brief recovery of pressure has set in on our N and N<sup>e</sup> coasts but at all the S<sup>e</sup> stations a further fall is reported especially in London. The wind has ceased to rise at all our N<sup>e</sup> stations and is now veering in London; at Green-castle the gale has subsided.

EXPLANATION OF COLUMNS.

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

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

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







Fri-day 8 a.m.

# WEATHER REPORT.

Oct: 20<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. — (0 to 12.)	Force. — (0 to 12.)					Dirac.
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...	29.38	+ .80	46	42	-2	*	*	NNW	10	10	NN	*	r	*	5
Oxö (X'tiansand) ...	29.07	+ .51	49	42	0	*	*	NN	6	4	N	*	bc	*	3
Skagen (The Skaw) ...	29.04	+ .21	52	46	+7	*	*	NNW	4	4	NN	*	c	0.04	*
Fanö ...	29.23	+ .30	48	46	+1	*	*	NN	10	10	N	*	oc	0.20	*
Cuxhaven ...	29.34r	+ .14	49	46	+2	?	44	NN	8	8	NN	6	ro	0.15	*
Sumburgh Head ...	29.65r	+ .60	40	39	-5	46	39	N	8	9	N	9	po	0.02	8
Stornoway (Hebrides) ...	29.88r	+ .32	38	36	-5	45	34	NNW	1	6	NN	8	po	0.06	3
Thurso ...	29.84r	+ .48	43	39	-3	49	42	NN	5	9	NNW	8	po	0.20	4
Wick ...	29.81r	+ .48	42	39	-2	48	38	NN	4	7	NN	10	po	0.16	2
Nairn ...	29.82r	+ .39	41	39	-3	47	40	NN	1	5	NN	6	c	0.02	3
Aberdeen ...	29.83r	+ .48	42	39	-1	48	41	NW	3	7	NN	7	gc	0.09	5
Leith ...	29.90r	+ .35	38	36	-4	51	36	N	2	3	NN	3	ab	-	*
Shields ...	29.90r	+ .39	40	32	-2	49	32	NN	4	7	N	5	bc	-	*
York ...	29.93r	+ .30	38	36	-3	54	33	N	1	5	NNW	0	b	-	*
Scarborough ...	29.88r	+ .34	42	40	-3	50	40	NNW	3	5	NW	2	b	-	4
Nottingham ...	29.92r	+ .25	42	39	-5	56	36	NN	2	4	NN	0	bw	-	*
Ardrossan ...	29.93r	+ .51	45	40	-3	51	42	NN	3	6	NN	4	c	-	2
Greencastle ...	29.98r	+ .27	44	42	+1	47	42	NN	1	4	NN	8	co	0.04	*
Donaghadee ...	29.95r	+ .27	43	42	-1	51	43	N	5	4	N	10	co	0.01	2
Kingstown ...	30.05r	+ .27	43	41	-2	51	42	NNW	5	5	NNW	7	c	-	3
Holyhead ...	29.97r	+ .23	49	44	+1	52	47	NN	4	8	?	4	c	-	4
Liverpool (Bidston Obs.) ...	29.94r	+ .28	47	43	-1	51	46	NN	4	6	NNW	2	ob	0.02	3
Valencia ...	30.11r	+ .31	47	44	-1	54	45	E	2	3	E	7	c	-	3
Roche's Point ...	30.08r	+ .28	43	41	-4	52	40	N	2	3	NNW	6	c	-	2
Pembroke ...	30.03r	+ .22	48	46	-2	52	46	NN	2	3	NN	4	co	-	1
Portishead ...	29.99r	+ .22	44	41	-5	58	40	NNW	3	5	NNW	5	gc	-	2
Scilly ...	30.07r	+ .16	50	45	-1	54	49	NNE	4	4	NNE	6	dgc	0.16	4
Plymouth ...	30.03r	+ .17	40	40	-10	54	37	NE	1	2	NNW	0	gf	-	*
Hurst Castle ...	29.98r	+ .17	42	41	-3	66	38	NNW	2	5	NN	0	b	-	2
Dover ...	29.88r	+ .18	42	42	-3	53	39	NN	3	3	NNW	2	b	-	2
London ...	29.93r	+ .22	38	37	-9	55	32	NNW	1	3	N	0	ab	-	*
Oxford ...	29.95	+ .20	39	37	-5	54	36	N	1	4	N	0	ab	-	*
Cambridge ...	29.92r	+ .23	41	38	-4	53	37	NN	1	2	N	0	b	-	*
Yarmouth ...	29.83r	+ .23	42	41	-1	51	38	NNW	3	5	NNW	8	bms	0.03	5
Helder ...	29.65	+ .23	51	*	0	*	*	NW	4	*	*	*	*	*	4
Cape Gris Nez ...	29.86r	+ .13	46	42	-2	54	45	NNW	5	7	NNW	2	ob	-	4
Brest ...	30.04r	+ .00	47	45	-6	58	45	NNE	3	4	NN	3	ob	0.24	3
L'Orient ...	29.97r	+ .02	49	47	-2	59	48	NNE	4	5	NNW	3	ro	0.20	3
Rochefort ...	29.92r	+ .07	53	49	+1	60	45	N	7	5	NN	10	ro	0.47	5
Biarritz ...	29.97f	+ .12	61	57	+4	61	57	NN	5	7	N	8	r	0.24	4
Corunna ...						*	*				*	*		*	*
Brussels ...	29.83	+ .14	45	*	-1	*	*	S	1	*	*	*	r	*	*
Charleville ...	? 29.81	+ .01	39	*	-1	*	*	ENE	1	*	*	*	c	*	*
Paris ...	29.91r	+ .05	44	*	-3	54	44	NN	4	5	NNW	3	oc	-	*
Lyons ...	?	?	57	*	-2	*	*	SE	1	*	*	*	c	*	*
Toulon ...	29.81r	+ .07	55	50	+3	61	51	NN	5	7	N	8	oc	-	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.
Skudesnaes ...	28.78	48	47	NN	10	*	0	Valencia ...	29.85	51	48	E	3	6	4
Thurso ...	29.48	46	43	NNW	7	6	7	Scilly ...	29.77	53	53	E	2	10	5
Scarborough ...	29.58	50	45	NN	4	2	4	London ...	29.74	53	46	N	2	5	*
Greencastle ...	29.76	47	45	NN	4	6	*	Rochefort ...	29.99	57	50	SW	3	10	3
Holyhead ...	29.75	50	46	NN	5	5	4								

Pressure continues to increase at all stations excepting Scilly where it has decreased briskly. The wind has shifted to E. on our SW. coast. It appears therefore as though the new disturbance which was felt in the S. of Ireland this morning is travelling SE<sup>2</sup> towards France. — Storming in Ireland lowered again this afternoon.

## EXPLANATION OF COLUMNS.

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

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

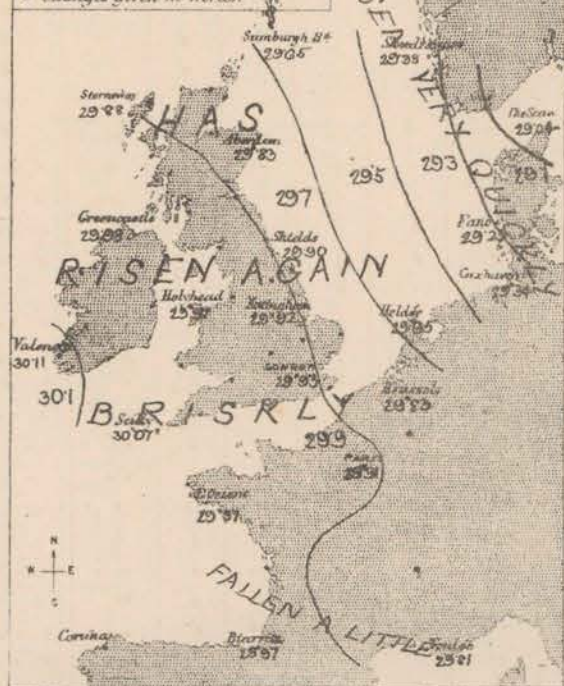
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS AND REMARKS FOR FRIDAY 23<sup>RD</sup> OCTOBER 1874 AT 8 A.M.

## BAROMETER.

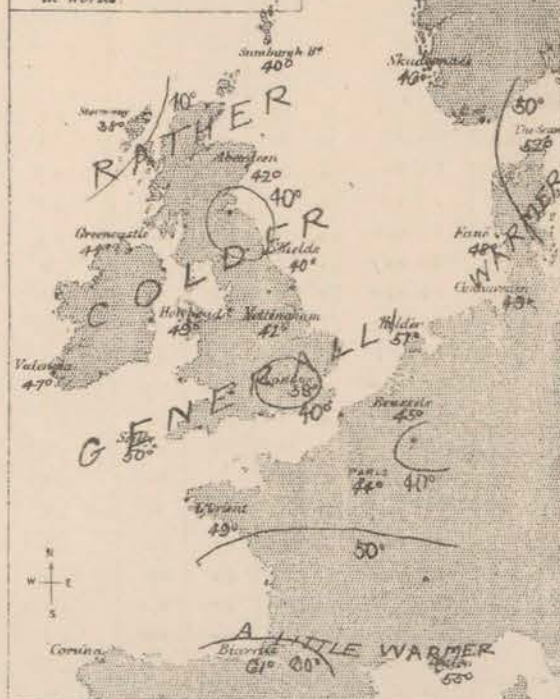
- 1 Isobars line drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



The recovery of pressure has continued rapidly at our northern stations and less quickly in the south, while a further fall of the mercury has taken place in the south of France, owing to the advance over that region of the shallow depression which just skirted our south-west coast yesterday. The highest readings are now found at our south-western stations, and while the greatest fall since to Shields is only 0.03 in., that over the north sea, from Harbours to Lanes is 0.11 in. per 50 miles.

## TEMPERATURE.

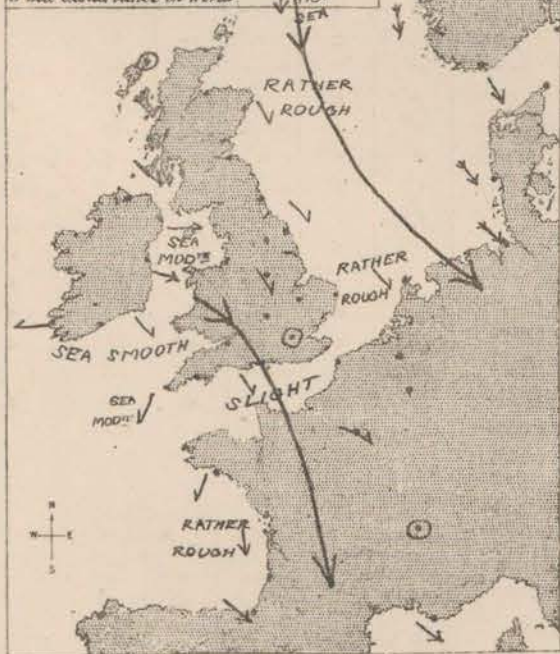
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has again fallen very generally. In London it fell to 32° in the shade and 22° on the grass during the night.

## WIND & SEA.

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



Light to moderate NW breeze still prevails in our Islands, blowing into NNE on our south-west coast and in the west of France. Sunbury's 10 still reports a fresh gale from N, and on the eastern shores of the North Sea, hard NW gales continue. The sea is still very high off the Shetlands, rather rough at Skideneas and some of our eastern ports, moderate to smooth elsewhere.

## CLOUD, RAIN &c.

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



Some rain has again fallen in the north and north-west of our Islands as well as in the west and south of France. Fog prevailed in the south-west of England yesterday. The sky is overcast in the extreme north, and rain still falls at Skideneas. In the south and east of our Islands the sky is clear. The signals in Ireland were lowered about 1 pm yesterday as the disturbance passed SE.

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

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

Daguerfield, Ltd. London



Satur - day 8 a.m.

# WEATHER REPORT.

October 24<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.31	+ .62	35	35	-7	*	*	NN	4	4	SV	*	0	*	*
Hernösand ...	29.55	+ .75	42	38	+10	*	*	SV	2	0	L	*	0	*	*
Stockholm ...	29.61	?	41	37	+6	*	*	N	4	4	N	*	0	*	*
Wisby ...	29.72	+ .85	46	42	-2	*	*	N	6	4	NNN	*	0	*	*
Christiansund...						*	*					*		*	
Skudesnaes ...	29.89	+ .51	44	43	-2	*	*	NNN	2	6	NNN	*	10	*	3
Oxö (X'tiansand)	29.85	+ .78	40	37	-9	*	*	NNN	2	4	NNN	*	6	*	2
Skagen (The Skaw)	?	?	46	45	-6	*	*	NNE	2	6	N	*	60	—	*
Fanö ...	29.94	+ .71	48	44	0	*	*	NNN	4	6	NNN	*	0	—	*
Cuxhaven ...	30.00r	+ .66	50	47	+1	?	47	NNN	5	8	NNN	6	0	0.02	*
Sumburgh Head	29.67f	+ .02	47	47	+7	47	40	NSN	?	3	N	10	0	—	6
Stornoway (He- brides.)	29.60f	- .28	48	47	+10	48	37	SV	5	5	SV	8	00	0.02	6
Thurso...	29.70f	- .14	47	45	+4	47	39	S	4	5	NN	8	00	—	3
Wick ...	29.71f	- .10	48	46	+6	48	39	S	3	4	NN	10	00	—	3
Nairn ...	29.74f	- .14	48	45	+7	48	39	NSN	1	2	NN	6	00	—	2
Aberdeen ...	29.80f	00	44	42	+2	46	32	SSN	1	3	NNN	8	00	—	3
Leith ...	29.90f	00	47	44	+9	50	36	SV	3	2	N	5	00	—	*
Shields...	?	?	45	42	+5	50	38	SV	3	4	NN	9	00	—	0
York ...	?	?	45	42	+7	50	33	N	1	2	NN	0	00	—	*
Scarborough ...	30.05r	+ .17	43	41	+1	48	38	SV	1	3	NNN	9	00	—	3
Nottingham ...	30.12r	+ .20	44	41	+2	53	40	S	1	4	NN	10	00	—	*
Ardrossan ...	29.89f	- .04	50	46	+5	51	45	SV	4	4	SV	6	00	—	3
Greencastle ...	29.83f	- .15	48	46	+4	48	43	SSN	6	6	SSN	9	00	—	*
Donaghadee ...	29.89f	- .06	45	44	+2	50	43	S	2	3	N	10	00	—	1
Kingstown ...	29.99f	- .06	48	45	+5	50	43	SSN	3	5	NNN	8	00	—	3
Holyhead ...	29.99f	+ .02	50	46	+1	52	47	SV	3	4	NN	7	00	—	2
Liverpool (Bidston Obs.)	30.04r	+ .10	45	41	-2	50	44	S	2	4	NN	10	00	—	2
Valencia ...	29.86f	- .25	52	51	+5	54	41	S	4	4	S	8	00	0.02	4
Roche's Point...	29.92f	+ .16	53	52	+10	53	43	SSN	5	5	SSN	9	00	—	4
Pembroke ...	30.00f	00	52	48	+4	52	47	SSN	4	2	NN	8	00	—	4
Portishead ...	30.11r	+ .12	47	43	+3	56	42	S	3	3	NNN	8	00	—	2
Scilly ...	30.07f	00	53	51	+3	53	47	S	5	5	S	7	00	—	3
Plymouth ...	30.12f	+ .09	51	48	+11	54	40	S	3	3	S	10	00	—	*
Hurst Castle ...	30.15r	+ .17	51	49	+9	56	42	SSN	2	2	SSN	8	00	—	1
Dover ...	30.19r	+ .31	46	44	+4	49	41	NSN	1	4	NN	5	00	—	1
London ...	30.15r	+ .23	47	43	+9	51	38	SSN	1	2	NNN	10	00	—	*
Oxford...	30.14	+ .19	44	43	+5	59	39	L	0	2	N	10	00	—	*
Cambridge ...	30.17	+ .25	43	41	+2	50	35	N	1	1	NNN	10	00	—	*
Yarmouth ...	30.15r	+ .32	42	41	0	49	36	NSN	2	4	NN	10	00	—	5
Helder...	30.12	+ .47	50	*	-1	*	*	SV	6	*	*	*	00	—	2
Cape Gris Nez...	30.19r	+ .33	46	44	0	52	46	SE	1	5	N	8	00	—	2
Brest ...	30.16f	+ .12	51	49	+4	59	45	SE	4	4	SE	3	00	—	3
L'Orient ...	30.16r	+ .19	53	49	+4	57	48	SV	3	4	?SSN	9	00	—	5
Rocheport ...	30.24r	+ .32	46	42	-7	61	44	SE	3	7	?	10	00	—	3
Biarritz ...	30.21r	+ .24	46	44	-15	61	45	SSN	4	5	NN	4	00	0.02	3
Corunna ...						*	*					*		*	
Brussels ...	30.23	+ .40	48	*	+3	*	*	SE	1	*	*	*	00	—	*
Charleville ...	30.28	+ .47	50	*	-6	*	*	S	1	*	*	*	00	—	*
Paris ...	30.28r	+ .37	38	*	-6	53	36	SSN	1	5	N	10	00	—	*
Lyons ...	?	?	50	*	-7	*	*	N	3	*	*	*	00	—	*
Toulon...	30.02r	+ .21	57	52	+2	62	50	E	3	5	NN	4	00	—	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.63	46	?	NNN	6	*	0	Valencia ...	30.12	51	48	SSN	3	7	0	3
Thurso ...	29.89	45	42	NNN	2	9	0	Scilly ...	30.13	52	46	NNN	2	6	0	4
Scarborough...	29.98	46	42	NNN	3	2	6	London ...	30.03	50	44	NNN	2	4	0	*
Greencastle ...	30.02	47	45	N	2	9	9	Rocheport...	30.05	59	52	N	5	5	0	3
Holyhead ...	30.05	50	45	NNN	3	6	0									

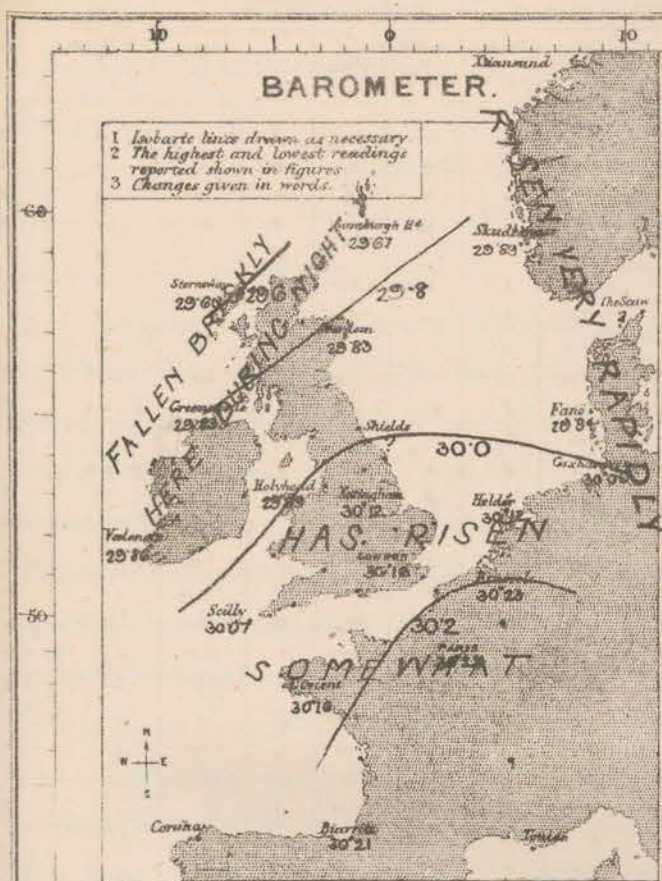
Pressure has increased at all stations since the morning most at Rocheport; but at Valencia a slight fall has set in since noon accompanied by a shift of wind to SSN. At Greencastle, also, the wind has backed to N. Elsewhere NW & breezes prevail. The sky has become overcast in the NW.

## EXPLANATION OF COLUMNS.

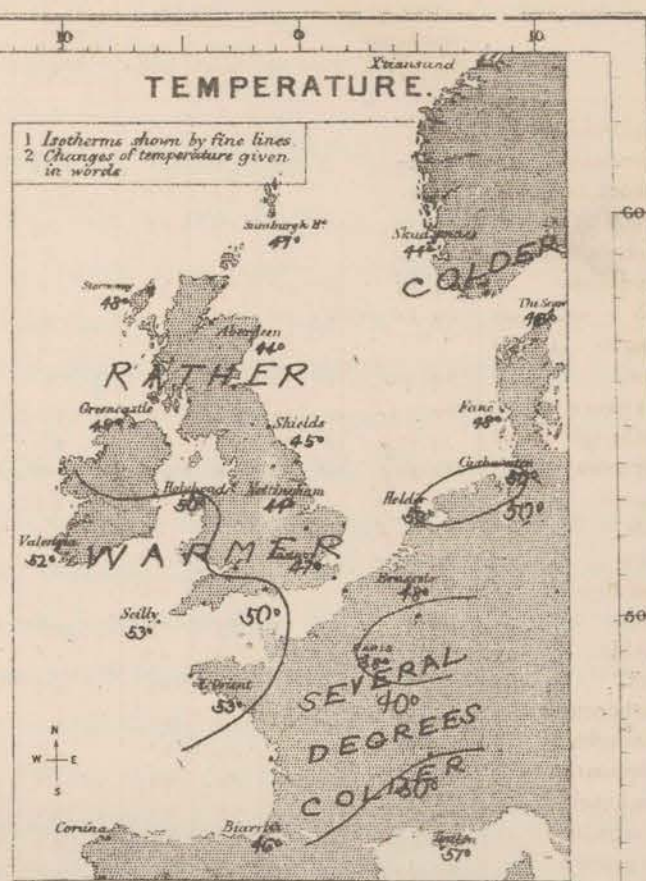
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ngly, threatening; v. visibility, unusual transparency; w. wet, dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.  
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



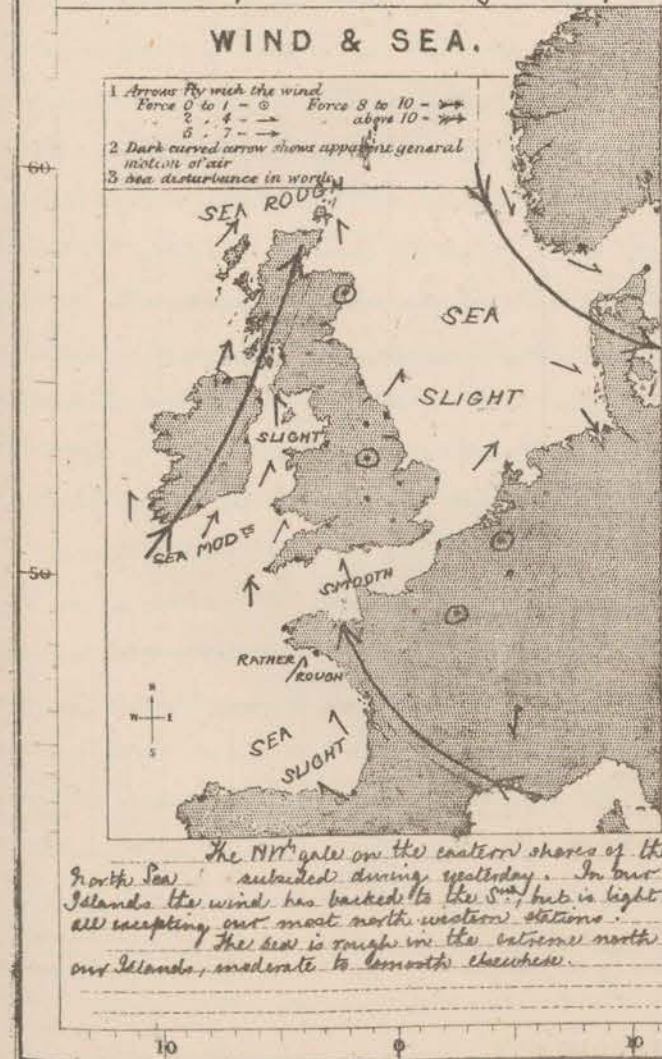
WEATHER CHARTS  
AND REMARKS FOR  
SATURDAY 24<sup>TH</sup> OCTOBER 1874 AT 8 A.M.



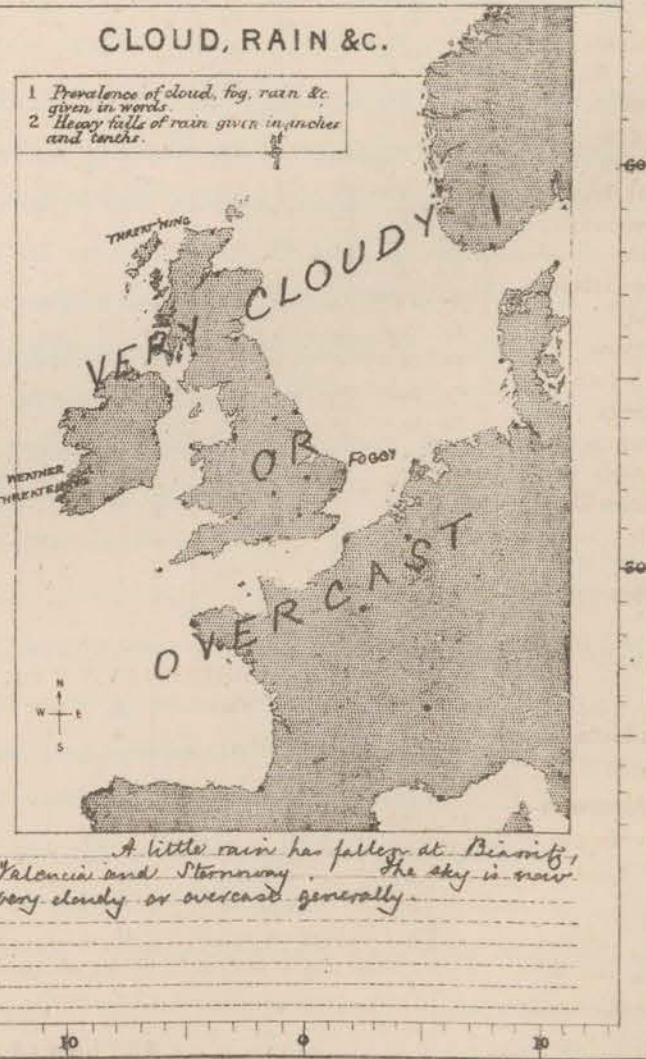
The slight fall of the barometer which was noticed at Valence yesterday afternoon has continued and extended to all our western and northern coasts, while in the south and east the mercury has risen very rapidly on the eastern shores of the North Sea. The highest readings lie over France and the lowest to the NW of our Islands, the gradient from Paris to Liverpool being 0.04 in. while that from London to Stornoway is 0.07 in. per 150 miles.



Temperature has risen quickly over the United Kingdom, but fallen on the Continent.



The N.W. gale on the eastern shores of the North Sea subsided during yesterday. In our Islands the wind has backed to the S.W. but is light at all excepting our most north western stations. The dew is rough in the extreme north of our Islands, moderate to smooth elsewhere.



A little rain has fallen at Biarritz, Valencia and Stornoway. The sky is now very cloudy or overcast generally.



# SUMMARY OF WEATHER IN WESTERN EUROPE

from OCT<sup>r</sup> 18<sup>th</sup> to OCT<sup>r</sup> 24<sup>th</sup> 1874.

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

On October 18<sup>th</sup> the mercury had risen at all stations, but on the following day a decrease set in, which, though only slight till the evening, was the precursor of a most serious depression which crossed over the north of Scotland from the W<sup>nd</sup>, occasioning very violent storms on all but the south coast. As this depression passed off the barometer rose rapidly and NW<sup>ly</sup> breezes were experienced at all stations but at the close of the week pressure was again giving way in the west and north, and by the 21<sup>st</sup> the wind had backed to the S<sup>nd</sup> over the whole of the United Kingdom. Temperature has oscillated considerably, and 10° of frost were registered on the grass in London on the 23<sup>rd</sup>. A good deal of rain has fallen, and the sky has been generally very cloudy.

OCT. 18<sup>th</sup> The mercury had risen at all stations except on the west coast of Norway, towards which country the depression noticed over the north of Scotland at the close of last week was advancing. The lowest readings were still found in the north-west, and the gradient from Yarmouth to Stornoway was 0.07 in per 50 miles. Light to moderate S<sup>ly</sup> to SW<sup>ly</sup> winds prevailed on all coasts. Temperature had risen generally, and the sky was moderately clear except at our south-eastern and Continental stations.

OCT. 19<sup>th</sup> Pressure had given way over the whole of Western Europe, except in the extreme north and west. Readings were highest in the south of France and lowest in the north of Scotland and the gradient from Dover to Aberdeen was 0.05 in per 50 miles. Calms prevailed in Scotland, but elsewhere the wind circulated round the low pressure in the north, being W<sup>ly</sup> in the west and south, SW<sup>ly</sup> in the south-east, and S<sup>ly</sup> to SE<sup>ly</sup> on the eastern shores of the North Sea. In force it was moderate to fresh except at Skudesnaes, where a SE<sup>ly</sup> gale was blowing. Temperature had decreased generally but in the south-east the changes had been very irregular. The sky was overcast both in the north and south-east and rain was falling at 8 am in both districts; elsewhere the sky was moderately clear. By 2 pm the rise noticed in the west had extended to all stations, and the wind had veered to N or NW generally.

OCT. 20<sup>th</sup> The rise of the barometer had continued and extended over the whole of Western Europe, having been very brisk during the night in the west of England. In the north of our Island, however, the rise had been considerably checked, and, since 6 pm on the previous evening a rather brisk fall had set in there, causing steep gradients to be formed over the more northern parts of the Kingdom. The wind continued NW<sup>ly</sup> along our south coast and in the Bay of Biscay but had backed to W again in the west, and to SW in the north. In force it was light to moderate generally but fresh in the north of Scotland, reaching the force of a gale at Lumburgh<sup>th</sup> and Christiansund. Temperature had fallen considerably over Central and south-eastern England, and a slight frost had occurred on the grass in London, but elsewhere very little change had taken place. The sky was clear over England but cloudy or overcast in the west and north as well as on the Continent. In the afternoon the barometer was falling except in the south, but even the readings at 6 pm showed no indication of what was approaching.



OCT. 21<sup>st</sup> During the night a most sudden decrease of pressure, amounting to more than an inch in the north, had occurred over our Islands, and a very serious and deep depression had traversed the north of Scotland. At 8am its centre lay in the neighbourhood of Aberdeen, and the gradient from Ardrossan to that station was 0.27 in. per 50 miles. Exceedingly hard N.W. to W. gales were experienced on all our western and northern coasts and S.W. to S. gales over the North Sea, Denmark and Norway. Temperature was much higher in most places, especially over Central England. The sky was generally cloudy, and showers of rain were falling at many stations. During the morning the force of the gale abated somewhat in the north of Ireland but in the south and east it increased considerably. By 2pm the mercury was rising in the north and west.

OCT. 22<sup>nd</sup> At 8am the centre of the depression noticed yesterday had advanced over the south of Sweden and a rise, which almost equalled in rapidity the fall of the previous day had consequently taken place about northern stations. Gradients had become rather slight over our Islands, but from Aberdeen to Skudesnaes there was one of 0.14 in. per 50 miles. The wind was N.W. on all our coasts, light over England and Ireland but strong in the north of Scotland. In the south of Ireland where the barometer had begun to fall again the wind had backed to S. Temperature was lower at nearly all stations. The sky was cloudy generally, and showers were falling in the south-west. During the day a small depression which had occasioned the fall in the south of Ireland in the morning travelled in a S.E. direction to the coast of France and the barometer began to rise again at Valencia.

OCT. 23<sup>rd</sup> A fall of the mercury had taken place in the south of France, occasioned by the small disturbance noticed above; at all other stations, however, a rise was reported which was very brisk in the north. Gradients had decreased generally; that from Valencia to Scarborough was only 0.03 in.; and that from Scarborough to Falmouth across the North Sea was reduced to 0.11 in. per 50 miles. Light N.W. winds continued over our Islands, drawing into N and NNE at our south-western stations but at Loughborough N. and on the eastern shores of the North Sea strong N. to N.W. gales prevailed. Temperature had again decreased and in London had been as low as 22° on the grass during the night. The sky was cloudy in the extreme north and rain was falling at Skudesnaes, but elsewhere the sky was clear. At 2pm the mercury was falling again at Valencia.

OCT. 24<sup>th</sup> The decrease of pressure noticed in the south of Ireland on the previous afternoon had continued and extended over the whole of the northern and western stations. In the south and east the barometer had risen and an area of high pressure lay over Central and southern France. The lowest readings lay off our north-west coasts, and gradients were steepest over the north of our Islands. The wind had shifted to SE over France and had backed to the S.W. over the whole of the United Kingdom: on the eastern shores of the North Sea, however, it remained N.W. but the gales reported there yesterday had subsided. Temperature had risen considerably, the sky was overcast or cloudy generally, but very little rain had fallen.



Sun-day 8 a.m.

# WEATHER REPORT. OCTOBER. 25<sup>TH</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda	30.02	-.29	26	25	-.9	*	*	NE	2	2	NE	*	b	*	*
Hernösand	29.96	+ .41	33	33	-.9	*	*	SW	2	0	L	*	bc	*	*
Stockholm	30.08	+ .45	36	33	-.5	*	*	SSW	1	0	L	*	bc	*	*
Wisby						*	*					*		*	*
Christiansund	29.48	?	50	43	?	*	*	ESE	6	6	SE	*	o	*	4
Skudesnaes	29.67	-.22	57	49	+ 7	*	*	S	10	6	S	*	r	*	8
Oxö (X'tiansand)	29.96	+ .11	53	49	+ 7	*	*	SSW	6	4	WSW	*	co	*	3
Skagen (The Skaw)	30.04	?	49	48	+ 3	*	*	SW	4	4	W	*	o	-	*
Fanö	30.09	+ .15	57	47	+ 3	*	*	SW	4	2	WSW	*	o	-	*
Cuxhaven	30.22	+ .22	41	40	-.9	57	?	SSW	1	4	WSW	6	e	-	*
Sumburgh Head	29.14	-.53	48	48	+ 1	50	47	WSW	8	7	WSW	10	r	0.57	7
Stornoway (Hobridges)	29.19	-.41	45	44	-.3	52	41	SW	4	8	SW	7	rw	1.17	6
Thurso	29.24	-.46	45	44	-.2	53	45	WSW	3	5	SSW	10	g r	0.04	3
Wick	29.34	-.37	47	45	-.1	54	44	SW	2	5	S	5	o c	0.02	3
Nairn	29.27	-.47	47	45	-.1	55	47	L	0	2	WSW	10	c d	0.04	2
Aberdeen	29.27	-.56	56	54	+ 12	57	43	W	2	8	S	8	o	0.17	6
Leith	29.44	-.46	53	52	+ 6	60	47	W	5	4	SW	7	o c	0.06	*
Shields	29.57	?	56	54	+ 11	56	44	SSW	6	7	SW	7	cw	-	2
York	29.71	?	59	56	+ 14	59	44	S	2	2	S	8	o	0.03	*
Scarborough	29.65	-.40	58	57	+ 15	58	43	SW	5	6	SW	10	o	0.01	4
Nottingham	29.82	-.30	59	57	+ 15	59	44	SSW	5	7	SSW	10	c g	0.01	*
Ardrossan	29.48	-.46	52	49	+ 2	56	50	WSW	5	7	WSW	6	g c	0.61	4
Greencastle	29.50	-.33	40	39	-.8	53	47	SW	6	6	SSW	7	g c	0.43	*
Donaghadee	29.52	-.47	57	51	+ 6	55	46	SW	4	6	SW	10	co	-	2
Kingstown	29.65	-.34	52	49	+ 4	60	48	W	4	6	S	10	o d	0.07	4
Holyhead	29.61	-.38	57	56	+ 7	59	50	W	6	7	SSW	10	r	0.26	6
Liverpool (Bidston Obs.)	29.66	-.38	59	56	+ 14	60	45	SSW	3	5	S	10	o	0.10	2
Valencia	29.77	-.09	52	50	0	59	50	?SSW	2	7	S	9	ro	0.78	5
Roche's Point	29.82	-.16	57	57	-.2	56	50	SW	4	7	SSW	10	o r	0.40	4
Pembroke	29.76	-.27	57	56	+ 5	57	57	SW	7	8	SW	10	o w	0.22	6
Portishead	29.85	-.26	59	58	+ 12	59	45	SSW	6	7	S	10	w	0.23	4
Scilly	29.88	-.19	58	57	+ 5	58	52	SSW	6	7	S	10	o w	0.17	6
Plymouth	29.93	-.19	57	57	+ 6	58	57	SSW	5	7	S	10	g f	0.54	*
Hurst Castle															
Dover	30.08	-.11	54	52	+ 8	55	40	SSW	5	4	SW	6	c w	-	5
London	29.97	-.19	55	54	+ 8	57	47	SSW	4	6	SSW	10	c g	0.01	*
Oxford	29.91	-.23	57	56	+ 13	57	44	S	5	8	S	10	o g	-	*
Cambridge	29.93	-.24	54	52	+ 11	54	42	S	2	1	SW	10	c w	-	*
Yarmouth	29.97	-.18	52	57	+ 10	53	42	SSW	5	5	SSW	10	co	-	4
Helder															
Cape Gris Nez	30.05	-.14	48	46	+ 2	54	41	SW	5	5	SW	9	o	-	4
Brest	30.06	-.10	58	58	+ 7	59	49	SSW	7	7	SSW	10	g	0.04	4
L'Orient	30.12	-.04	59	57	+ 16	59	52	SW	7	5	SW	10	o	-	3
Rocheport	30.24	0.00	47	45	+ 1	64	45	SSE	4	3	SE	4	c	-	3
Biarritz	30.22	+ .01	55	51	+ 9	57	45	S	4	3	NE	0	cb	-	3
Corunna															
Brussels	30.14	-.09	48	*	0	*	*	SW	3	*	*	*	o	*	*
Charleville	30.22	-.06	54	*	+ 21	*	*	SW	1	*	*	*	b	*	*
Paris	30.28	0.00	38	*	0	57	36	SE	4	3	S	9	g	-	*
Lyons	?	?	45	*	-5	*	*	SW	1	*	*	*	bb	*	*
Toulon	30.35	+ .33	53	48	-4	64	52	E	4	3	SE	1	o b	-	3

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

Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.
Skudesnaes ...	29.90	49	45	S	4	*	Valencia ...	29.72	54	50	S	6	8
Thurso ...	29.62	57	48	SSW	5	8	Scilly ...	29.99	56	54	S	6	8
Scarborough ...	30.00	50	46	SSW	2	10	London ...	30.14	55	50	SW	2	8
Greencastle ...	29.72	52	50	SSW	6	10	Rocheport ...	30.21	60	57	SE	3	0
Holyhead ...	29.98	54	57	SSW	5	7							

Pressure continues to decrease briskly at the western stations, and the wind is freshening from S, with dull weather and a rough sea. Warnings issued to our SW. W. and NW. W. this afternoon.

## EXPLANATION OF COLUMNS.

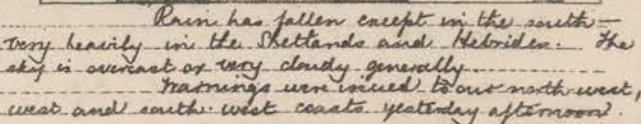
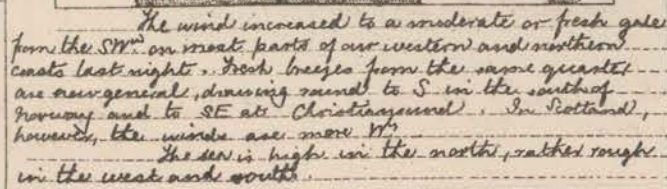
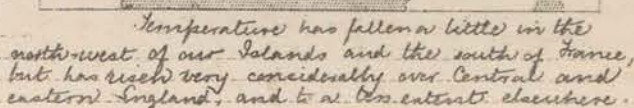
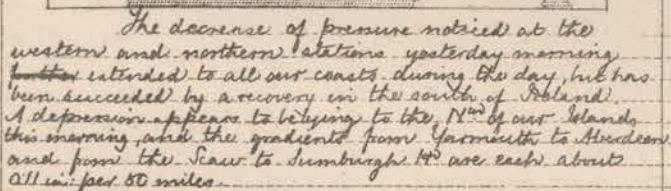
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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

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

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



SUNDAY 25<sup>TH</sup> OCTOBER 1874 AT 8 A.M.



Dangerfield, Lith. 22 Bedford St. Covent Garden



Mon-day 8 a.m.

# WEATHER REPORT. Oct. 26<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund...						*	*					*		*	*
Skudesnaes ...						*	*					*		*	*
Oxö (X'tiansand)						*	*					*		*	*
Skagen (The Skaw)						*	*					*		*	*
Fanö ...						*	*					*		*	*
Cuxhaven ...															*
Samburgh Head	29.79 r	+ .65	47	46	-1	50	44	NNN	8	8	NSW	6	rf	0.33	7
Stornoway (He- brides.)	29.83 r	+ .62	46	44	+1	49	40	SEW	4	4	SSE	6	tpc	0.29	5
Thurso...	29.90 r	+ .66	41	40	-4	54	39	S	2	6	NSW	6	cw	0.10	2
Wick ...															
Nairn ...	29.91 r	+ .64	45	42	-2	52	42	SSW	2	2	SSW	6	cp	0.05	1
Aberdeen ...	29.97 r	+ .70	42	40	-14	58	36	S	1	4	SW	1	cb	-	2
Leith ...	30.06 r	+ .62	43	41	-10	60	40	N	2	6	N	6	af	-	*
Shields...	30.07 r	+ .56	46	44	-10	60	43	SW	1	8	SW	8	bm	-	1
York ...	?	?	49	49	-10	63	41	SSE	1	2	S	10	co	0.05	*
Scarborough ...	30.10 r	+ .45	49	48	-9	60	47	SSE	1	5	SW	10	od	0.02	2
Nottingham ...	30.10 r	+ .28	53	53	-6	63	44	SSE	1	7	SEW	10	gt	0.09	*
Ardrossan ...	30.03 r	+ .60	41	39	-11	55	41	E	2	6	NSW	4	q/m	0.03	1
Greencastle ...	29.96 r	+ .46	44	43	+4	51	40	NSW	1	7	NSW	2	cu	0.02	*
Donaghadee ...	29.99 r	+ .47	43	42	-8	54	38	S	2	5	SW	10	cm	-	1
Kingstown ...	30.01 r	+ .36	50	49	-2	57	47	S	1	5	N	10	om	0.07	1
Holyhead ...	30.00 r	+ .39	50	49	-7	59	48	E	1	6	N	10	r	0.19	1
Liverpool (Bidston Obs.)	30.04 r	+ .38	49	49	-10	61	42	ESE	1	5	SW	10	st	0.34	2
Valencia ...	29.89 f	+ .12	51	51	-1	55	46	SSE	2	3	S	8	gt	-	4
Roche's Point...	29.91 f	+ .09	53	53	+2	54	48	S	3	4	SW	9	on	0.05	3
Pembroke ...	29.99 f	+ .23	57	56	0	57	52	SSW	5	7	SW	10	om	0.23	5
Portishead ...	30.08 r	+ .20	57	57	-2	63	51	SSE	4	6	SEW	10	rd	0.28	2
Scilly ...	30.023	+ .14	57	57	-1	59	55	S	5	6	SEW	10	rd	0.32	4
Plymouth ...	30.10 r	+ .17	57	57	0	58	56	SSW	1	5	S	10	fd	0.31	*
Hurst Castle ...	30.17 r		57	57		68	56	SEW	4	5	NSW	10	dt	0.09	4
Dover ...	30.22 r	+ .14	56	54	+2	57	53	SW	2	5	SW	5	c	-	3
London ...	30.18 r	+ .21	56	54	+1	60	54	S	2	5	SW	10	st	0.03	*
Oxford...	30.13	+ .22	57	56	0	61	54	S	2	6	N	10	gt	0.12	*
Cambridge ...	30.16 r	+ .23	55	55	+1	60	52	S	1	2	SW	10	d	0.10	*
Yarmouth ...	30.15 r	+ .21	54	54	+2	58	52	SSW	2	5	SEW	10	do	0.07	2
Helder...	30.22		53	*		*	*	SSW	15	*	*	*	*	*	2
Cape Gris Nez...	30.22 r	+ .17	50	46	+2	?	46	SW	4	5	SW	9	o	-	3
Brest ...	30.15 f	+ .09	58	56	0	59	56	SSE	5	7	SEW	10	mr	0.12	4
L'Orient ...	30.18 r	+ .06	56	56	-2	62	53	SE	3	5	SW	6	of	-	3
Rochefort ...	30.23 f	- .01	53	46	+6	63	45	SSE	4	4	SSE	6	c	-	3
Biarritz ...	30.21 r	- .01	63	59	+8	66	55	S	4	4	S	6	c	-	3
Corunna ...			*	*		*	*			*	*	*		*	*
Brussels ...	30.29	+ .15	50	*	+2	*	*	NSW	3	*	*	*	c	*	*
Charleville ...	30.39	+ .17	48	*	-6	*	*	ESE	3	*	*	*	c	*	*
Paris ...	30.32 r	+ .04	46	*	+8	53	38	SSE	3	4	S	10	ro	-	*
Lyons ...	?	?	52	*	+7	*	*	N	1	*	*	*	f	*	*
Toulon...	30.41 r	+ .06	54	49	+1	63	52	NN	1	4	SE	0	b	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.
Skudesnaes ...	29.49	53	52	SSW	10	*	9	Valencia ...							
Thurso ...								Scilly ...							
Scarborough ...								London ...							
Greencastle ...							*	Rocheft ...	30.23	63	52	SSE	3	3	2
Holyhead ...															

## EXPLANATION OF COLUMNS.

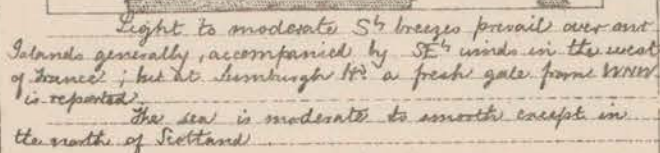
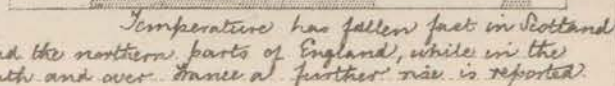
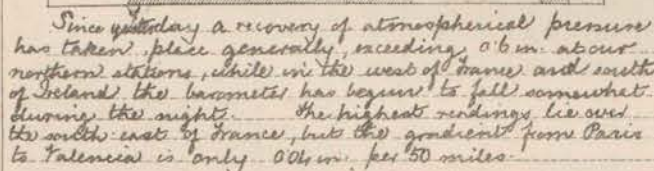
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy;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

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

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



MONDAY 26<sup>TH</sup> OCTOBER 1874 AT 8 A.M.



The sky continues overcast, the weather wet and unsettled generally. Our Reporter at Holyhead thinks he felt the shock of an earthquake at 1.35 am yesterday.

Warning signals lowered this morning

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

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

Dunsterfield Lith London



Tues-day 8 a.m.

# WEATHER REPORT.

Oct: 27<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.52	+ 11	40	36	-4	*	*	N	8	6	S	*	cb	*	*
Hernösand ...	29.78	+ 13	37	36	-5	*	*	SN	2	2	SN	*	cb	*	*
Stockholm ...	29.93	+ 08	46	45	-3	*	*	SSN	2	4	SN	*	bf	*	*
Wisby ...	30.05		50	50		*	*	N	4	?	?	*	?	*	*
Christiansund ...	29.67	+ 01	45	41	-3	*	*	S	2	10	SN	*	cb	*	6
Skudesnaes ...	29.77	- 25	54	50	+4	*	*	NEN	4	6	SSE	*	bo	*	5
Oxö (X'tiansand) ...	29.83	- 22	53	52	+7	*	*	SN	4	2	SN	*	of	*	3
Skagen (The Skaw) ...	29.91		53	53		*	*	NSN	2	2	NSN	*	to	0.12	*
Fanö ...	30.02		55	54		*	*	NSN	2	4	SN	*	o	0.16	*
Cuxhaven ...	30.12f	- 12	52	51	0	?	49	SN	2	2	SN	6	o	-	*
Sumburgh Head ...	29.59f	- 20	47	47	0	50	46	NEN	6	7	N	5	oc	-	5
Stornoway (Hebrides) ...	29.65f	- 18	46	45	0	50	42	NEN	4	6	SN	6	a	0.02	5
Thurso ...	29.69f	- 21	43	41	+2	55	35	SSN	2	2	SSN	4	be	-	1
Wick ...	29.68f	- 22	45	44	0	53	41	SN	2	3	SN	5	be	-	1
Nairn ...	29.75f	- 16	45	43	0	52	39	2	0	2	SSN	0	b	-	1
Aberdeen ...	29.76f	- 21	45	44	+3	50	40	SSN	1	2	S	2	b	-	1
Leith ...	29.83f	- 23	42	42	-1	53	41	SN	1	2	E	10	of	0.07	*
Shields ...	29.90s	- 17	55	55	+9	55	45	SN	2	2	SSN	9	or	0.13	1
York ...	?	?	57	56	+8	58	46	S	1	1	S	7	or	0.20	*
Scarborough ...	29.95s	- 15	56	55	+7	57	49	SSN	2	3	SSN	8	do	0.11	2
Nottingham ...	29.99f	- 11	58	56	+5	60	53	S	3	5	S	10	ru	0.05	*
Ardrossan ...	29.85f	- 18	50	49	+9	52	40	N	1	2	E	8	f	0.05	0
Greencastle ...	29.88r	- 08	45	45	+1	49	43	N	1	1	N	1	gb	0.02	*
Donaghadee ...	29.86r	- 13	51	51	+8	53	41	NSN	3	3	NEN	6	do	0.17	2
Kingstown ...	29.91r	- 10	55	52	+5	58	50	NN	3	3	S	8	o	0.05	2
Holyhead ...	29.90r	- 10	56	56	+6	58	49	SSN	1	3	SSN	10	rd	0.46	4
Liverpool (Bidston Obs.) ...	29.92s	- 12	56	55	+7	59	49	SSE	2	3	SSE	10	o	0.18	1
Valencia ...	29.93r	+ 04	51	50	0	56	50	NNE	3	3	S	7	mp	0.22	4
Roche's Point ...	29.86r	- 05	51	50	-2	55	48	N	3	5	S	9	fo	0.18	4
Pembroke ...	29.92f	- 07	57	56	0	58	56	S	2	6	SSN	8	om	0.30	3
Portishead ...	29.98f	- 10	58	57	+1	59	54	S	3	6	S	10	po	0.26	2
Scilly ...	29.94f	- 08	56	56	-1	59	56	SN	4	6	S	6	oc	0.06	4
Plymouth ...	29.98f	- 12	58	58	+1	59	56	S	1	3	S	10	dm	0.25	*
Hurst Castle ...	30.04f	- 13	58	57	+1	67	56	S	3	4	SN	7	p	0.20	3
Dover ...	30.10f	- 12	56	55	0	58	55	S	2	3	SN	5	cw	0.03	2
London ...	30.06f	- 12	57	55	+1	61	52	SN	1	4	S	9	ore	0.13	*
Oxford ...	30.01	- 12	55	54	-2	60	54	Z	0	2	S	10	m	0.07	*
Cambridge ...	30.05f	- 11	54	53	-1	59	52	SSN	1	1	SSN	10	o	-	*
Yarmouth ...	30.08f	- 10	54	54	0	57	53	SSN	2	3	SSN	3	cb	0.06	2
Helder ...	30.12	- 10	54	*	+1	*	*	SSN	3	*	*	*	*	*	2
Cape Gris Nez ...	30.12f	- 10	55	51	+5	60	47	S	3	4	SSN	8	o	-	2
Brest ...	30.01f	- 14	59	59	+1	60	57	S	4	5	SSE	10	rf	0.20	4
L'Orient ...	30.04f	- 14	59	59	+3	63	58	Z	0	4	SE	10	or	0.16	3
Rocheport ...	30.11f	- 12	55	51	+2	65	48	SSE	4	5	SSE	7	c	-	3
Biarritz ...	30.12f	- 09	64	62	+1	70	62	S	4	4	S	5	o	-	3
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	30.18	- 11	63	*	+13	*	*	NEN	3	*	*	*	o	*	*
Charleville ...	30.23	- 16	46	*	-2	*	*	SE	1	*	*	*	b	*	*
Paris ...	30.19r	- 13	48	*	+2	63	46	SSE	3	5	S	2	bo	-	*
Lyons ...	?	?	52	*	0	*	*	N	1	*	*	*	f	*	*
Toulon ...	30.36r	- 05	54	47	0	62	53	NE	4	1	NN	1	cb	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	30.01	50	47	S	4	*	c	5	Valencia ...	29.77	56	55	S	3	9	r	4
Thurso ...	29.85	53	49	SSW	2	4	c	2	Scilly ...	29.99	59	58	SSW	5	7	c	4
Scarborough...	29.97	56	56	SSW	1	9	o	2	London ...	30.12	60	59	S	2	10	to	*
Greencastle ...	29.88	49	48	Z	0	10	q	*	Rocheport...	30.21	60	58	SSE	5	10	o	3
Holyhead ...	29.91	57	56	SSW	3	10	dg	2									

The fall of the barometer has now extended to all parts of our Islands and their neighbourhood. The wind at Valencia has veered to S., with rain, but continues light, and the sea moderate.

## EXPLANATION OF COLUMNS.

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

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

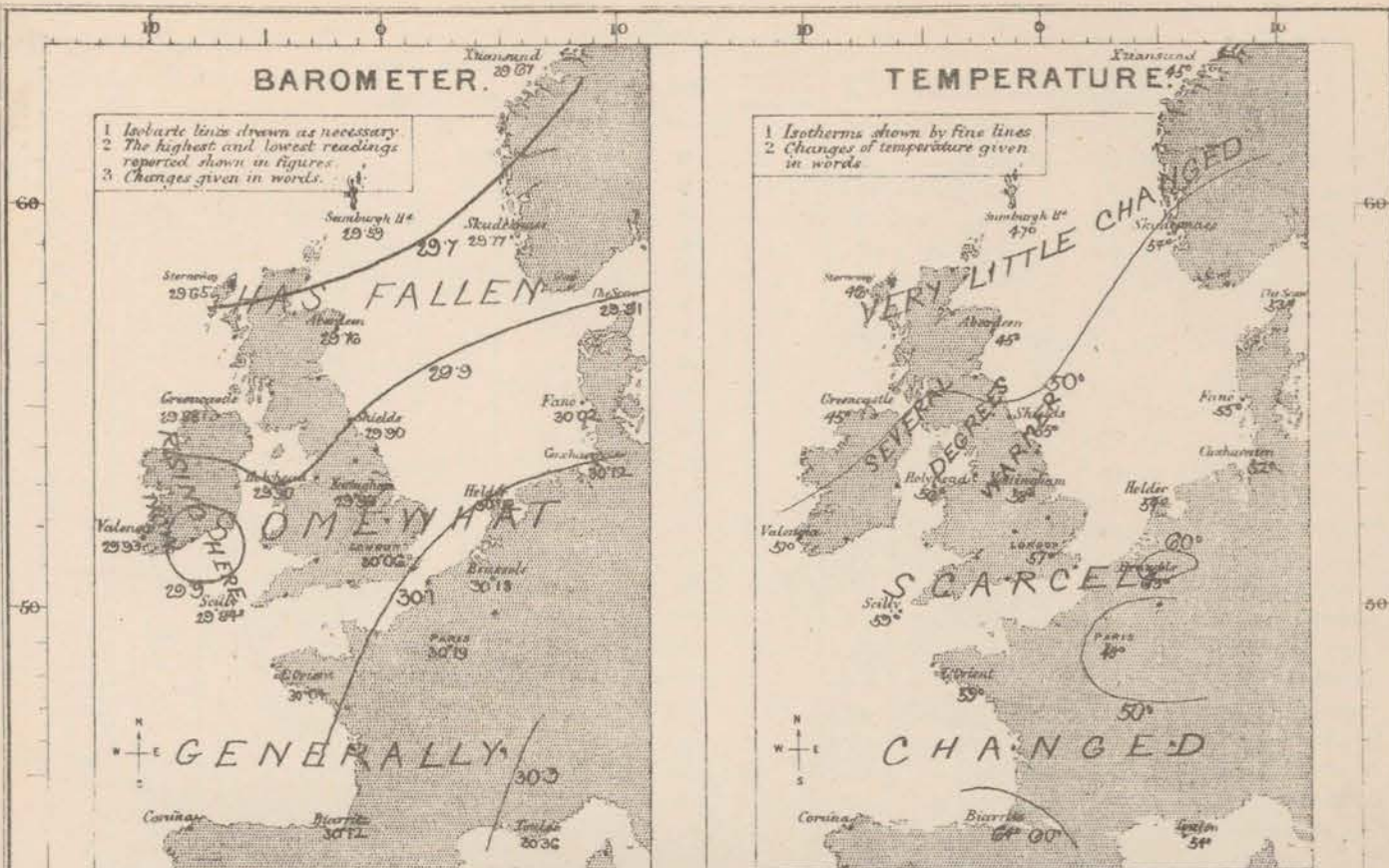
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

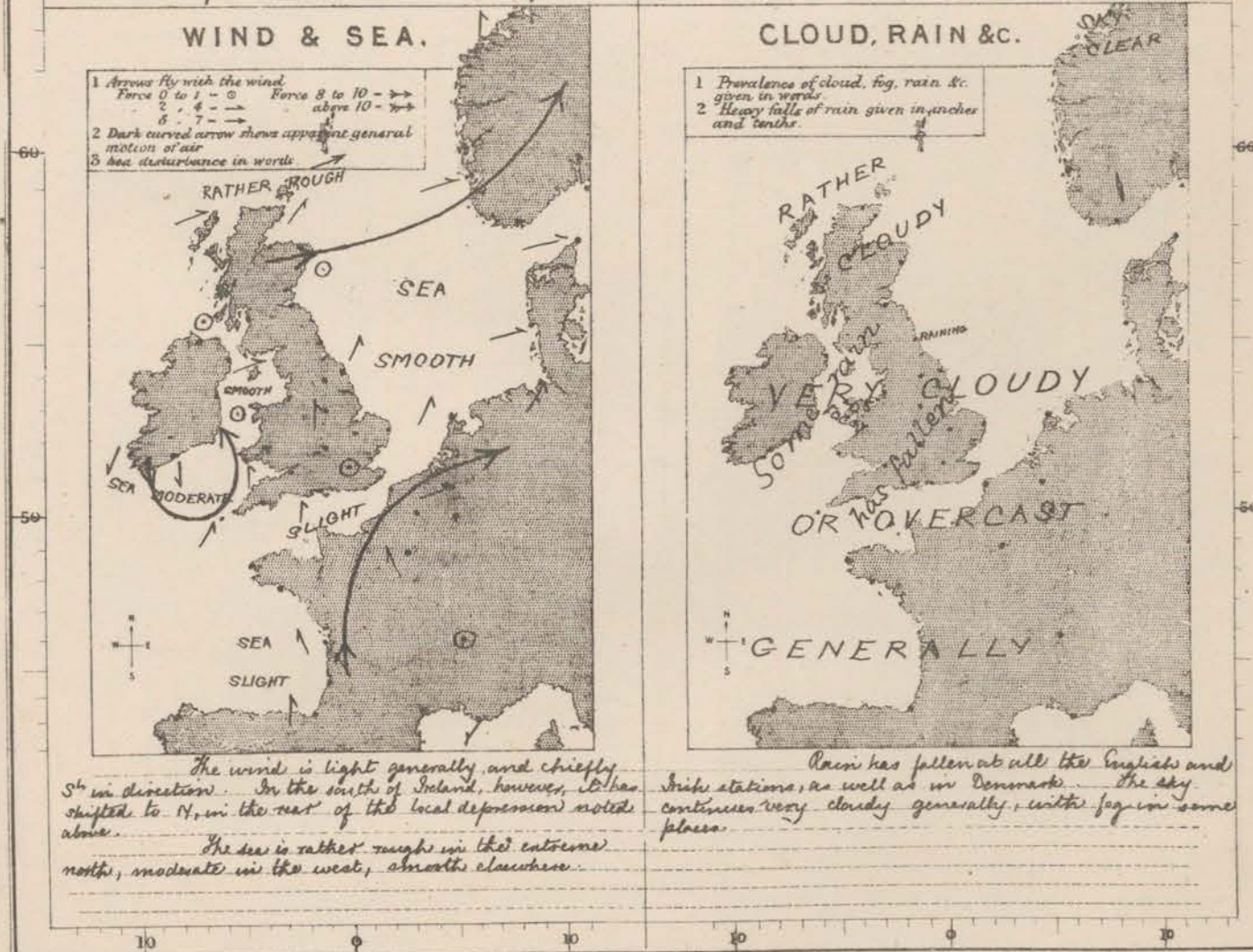
AND REMARKS FOR

TUESDAY 27<sup>TH</sup> OCTOBER 1874 AT 8 A.M.



During the past twenty-four hours the barometer has fallen somewhat in all parts of Western Europe, most in the north of our Islands, but during the night a recovery has set in at the Irish stations. Readings are generally highest in the south of France and lowest off our northern coast, while a shallow depression lies at the mouth of St. George's Channel. The gradient from Toulon to Stornoway is 0.035 in per 50 miles for S.W. winds, while that from Valencia to Rock of L. is 0.040 in per N.W. winds.

Temperature has changed very little except in the north of England and on the shores of the Irish Sea, where it has risen several degrees.



The wind is light generally, and chiefly S.W. in direction. In the south of Ireland, however, it has shifted to N., in the west of the local depression noted above.

The sea is rather rough in the extreme north, moderate in the west, smooth elsewhere.

Rain has fallen at all the English and Irish stations, as well as in Denmark. The sky continues very cloudy generally, with fog in some places.

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

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

Dangerfield, Lth. 37, Bedford St. Covent Garden



Wednesday 8 a.m.

# WEATHER REPORT. October 28<sup>th</sup>

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.20	-.22	40	37	0	*	*	SN	2	2	SN	*	ob	*	*
Hernösand ...	29.56	-.22	40	37	+3	*	*	SN	2	2	SN	*	cb	*	*
Stockholm ...	29.74	-.19	50	47	+4	*	*	NSN	4	4	SN	*	ob	*	*
Wisby ...	29.95	-.10	50	51	+3	*	*	N	6	4	N	*	cb	*	*
Christiansund ...	29.67	.00	42	41	-.3	*	*	N	9	10	NSN	*	m	*	9
Skudesnaes ...	30.04	+.27	48	45	-.6	*	*	N	6	6	NSN	*	a	*	5
Oxö (X'tiansand) ...	29.99	+.16	48	44	-.5	*	*	N	4	6	SN	*	fb	*	3
Skagen (The Skaw) ...	30.00	+.09	50	47	-.3	*	*	NNN	6	4	N	*	fb	0.04	*
Fanö ...	30.11	+.09	50	50	-.2	*	*	NNN	2	4	NNN	*	co	-	*
Cuxhaven ...	30.125	.00	50	50	-.2	58	?	SN	1	1	SN	9	of	-	*
Sumburgh Head ...	29.92r	+.03	47	47	0	50	45	NNN	6	8	N	9	pr	0.18	4
Stornoway (Hebrides) ...	30.04r	+.39	45	43	-.1	50	38	NSN	2	4	N	4	pa	0.03	4
Thurso ...	30.05r	+.36	42	40	-.1	54	38	SSN	2	4	NSN	4	a	0.05	2
Wick ...	30.06r	+.38	44	42	-.1	53	40	N	2	5	N	4	a	-	1
Nairn ...	30.12r	+.37	42	40	-.3	54	40	SN	1	1	N	6	a	-	1
Aberdeen ...	30.12r	+.36	37	36	-.8	56	36	NSN	1	2	NSN	0	b	-	1
Leith ...	30.17r	+.34	42	41	0	57	40	N	2	3	N	3	bg	-	*
Shields ...	30.16r	+.26	44	42	-.11	58	43	N	1	2	N	4	bc	-	1
York ...	30.18r	?	50	48	-.7	62	49	NNE	1	1	N	10	or	-	*
Scarborough ...	30.18r	+.23	49	48	-.7	59	49	N	1	2	SN	10	or	-	2
Nottingham ...	30.13r	+.14	51	51	-.7	62	50	N	3	0	S	10	or	0.10	*
Ardrossan ...	30.17r	+.32	39	38	-.11	58	39	SSN	1	2	NNN	4	cm	-	0
Greencastle ...	30.19r	+.31	43	42	-.2	57	43	NNN	1	3	NN	7	a	0.01	*
Donaghadee ...	30.15r	+.29	41	40	-.10	56	41	N	2	3	N	9	co	-	1
Kingstown ...	30.17r	+.26	49	47	-.6	57	48	NNN	?	3	NN	9	og	0.03	2
Holyhead ...	30.10r	+.20	52	50	-.4	58	51	NNE	4	2	NNN	7	dg	0.31	3
Liverpool (Bidston Obs.) ...	30.10r	+.18	50	49	-.6	60	50	NE	2	3	NE	10	of	0.08	1
Valencia ...	30.19r	+.26	49	47	-.2	54	48	NNE	3	4	N	7	a	-	3
Roche's Point ...	30.12r	+.26	50	47	-.1	53	47	NNE	4	4	NNE	7	or	-	3
Pembroke ...	30.003	+.08	52	50	-.5	58	52	NNE	4	3	NNE	10	or	0.17	1
Portishead ...	30.00f	+.02	56	56	-.2	62	54	E	2	3	NSN	10	od	0.29	1
Scilly ...	30.02r	+.08	53	52	-.3	59	52	NNE	5	5	NNE	9	cr	0.28	4
Plymouth ...	29.98f	.00	55	55	-.3	59	54	Z	0	1	S	10	f	0.13	*
Hurst Castle ...	30.00f	+.04	57	56	-.1	62	55	E	2	3	S	10	fa	0.19	1
Dover ...	30.075	-.03	53	52	-.3	59	50	Z	0	2	S	2	wb	-	0
London ...	30.06f	.00	57	55	0	64	55	E	2	2	SN	10	do	-	*
Oxford ...	30.05	+.04	57	56	+.2	62	55	E	1	1	E	10	m	0.13	*
Cambridge ...	30.08r	+.03	57	57	+.3	64	53	E	1	1	S	10	or	-	*
Yarmouth ...	30.12r	+.04	56	46	+.1	60	53	ENE	1	2	SSN	7	bc	-	1
Helder ...	30.13	+.01	50	*	-.4	*	*	SSN	2	*	*	*	*	-	2
Cape Gris Nez ...	30.06f	+.06	52	48	-.3	59	51	SE	3	3	S	1	ob	-	1
Brest ...	30.02f	+.01	54	52	-.5	60	53	NSN	1	4	S	10	ro	0.04	4
L'Orient ...	30.00f	+.04	52	50	-.7	60	51	Z	0	4	SN	8	ro	0.75	2
Rochefort ...	30.07r	+.04	55	51	0	67	52	S	5	4	SSN	10	co	0.32	3
Biarritz ...	30.20r	+.08	55	51	-.9	70	52	S	3	5	SN	10	m	0.16	4
Corunna ...															
Brussels ...	30.15	-.03	50	*	-.13	*	*	SN	3	*	*	*	f	*	*
Charleville ...	30.21	-.02	37	*	-.9	*	*	E	1	*	*	*	b	*	*
Paris ...	30.13r	-.06	44	*	-.4	64	41	SE	4	4	SSN	0	ob	-	*
Lyons ...	?	?	48	*	-.4	*	*	SE	3	*	*	*	b	*	*
Toulon ...	30.20f	-.16	55	50	+.1	64	52	E	4	1	E	9	bo	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.		
Skudesnaes ...	29.78	51	49	NSW	4	*	0	4	Valencia ...	30.02	54	49	N	4	5	e
Thurso ...	29.75	50	47	NSW	3	6	a	3	Scilly ...	29.99	58	57	SSW	1	6	e
Scarborough...	29.95	59	57	NSW	1	10	g	2	London ...	30.05	62	60	SSW	2	10	ro
Greencastle ...	29.96	51	49	W	2	7	a	*	Rochefort...	30.09	65	60	SSW	4	8	e
Holyhead ...	29.85	56	54	Z	0	10	dg	1								

The barometer has risen at the Irish and Scotch stations as well as at Scilly but fallen elsewhere. The shallow depression noticed this morning is travelling NE. The winds show very little change.

## EXPLANATION OF COLUMNS.

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

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

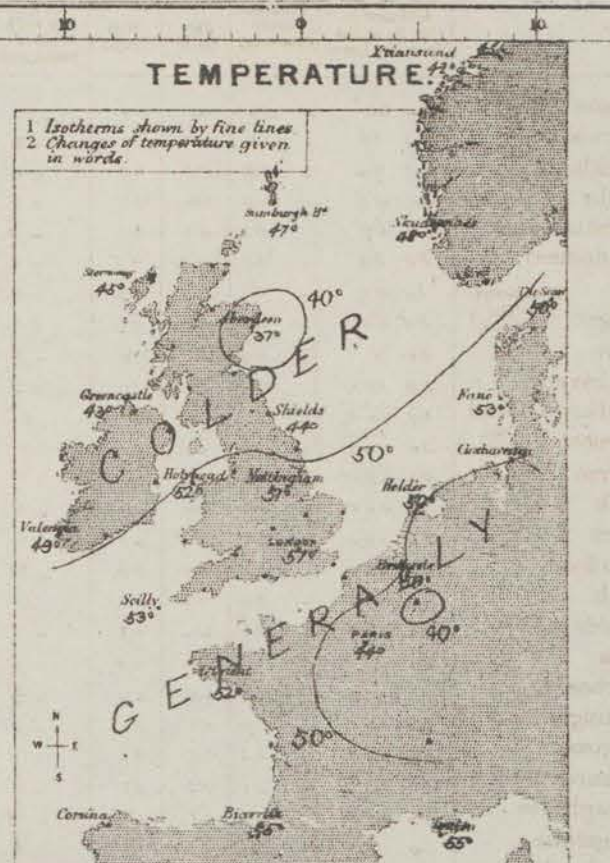
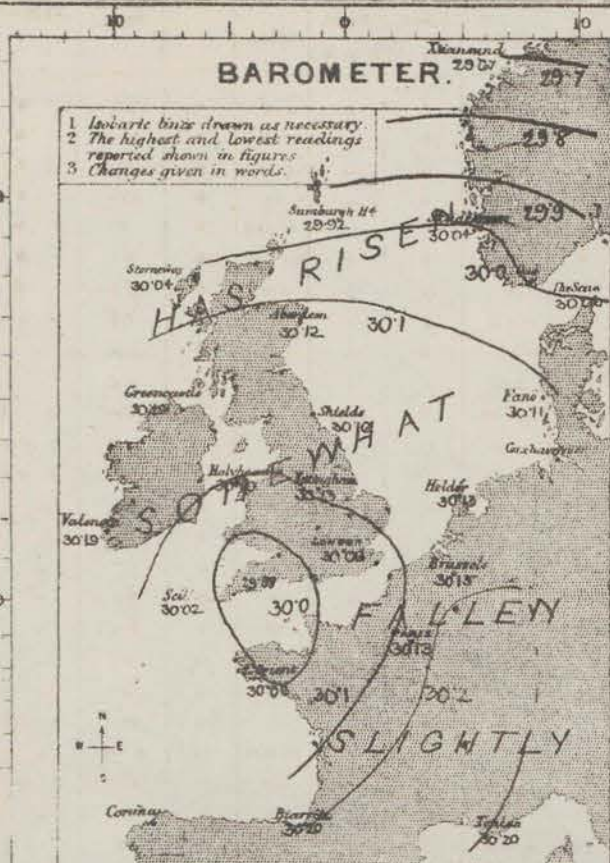
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.



# WEATHER CHARTS

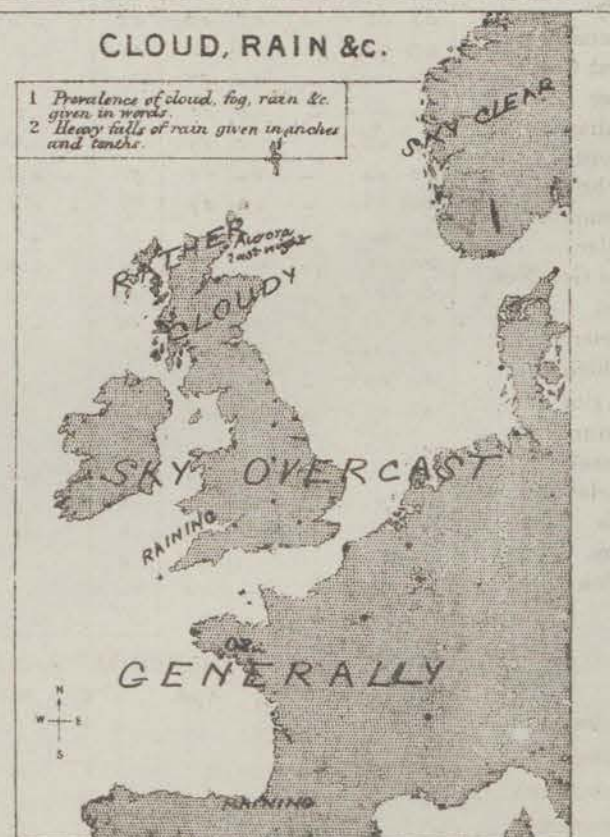
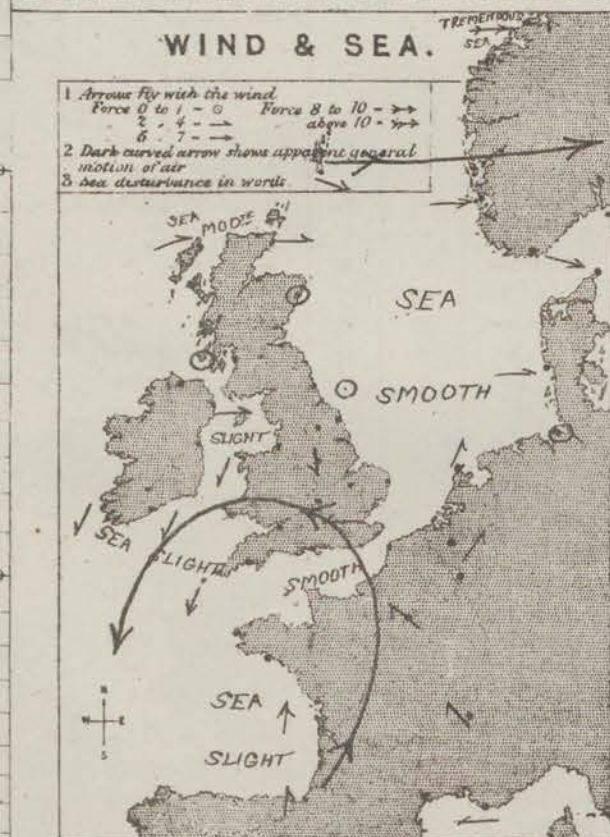
AND REMARKS FOR

WEDNESDAY 28<sup>TH</sup> OCTOBER 1874 AT 8 A.M.



A brisk rise of the barometer has now taken place over the British Isles, especially in the west and north, while in France the mercury has fallen slightly. The shallow depression noticed yesterday now lies across the mouth of the English Channel, and while over Ireland there is a gradient of 0.05 in. per 60 miles for NE winds, in the west of France there is one of 0.04 in. for SW winds.

Temperature has fallen generally, especially on our north-west coast.



The winds are light and vary considerably. At the more southern stations they circulate round the local depression noted above - being S. to SE. in France, E. in the south of England, and NE. in the south of Ireland; while in the north of Scotland, W. winds are reported. In Norway, however, fresh W. breezes prevail, which attain the force of a gale at Christiansburg. The sea is moderate to smooth round our coast.

Aurora was seen at Wick last night. Rain has fallen in the west and south-west, heavily at Lorient, and continues at the mouth of St. George's Channel. The sky is overcast except in the north of Scotland.

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

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

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



Thurs-day 8 a.m.

# WEATHER REPORT.

October 29<sup>th</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.	Extreme.						
			Dry bulb.	Wet bulb.		Max.	Min.		Dirac.	Force. (0 to 12.)	Force. (0 to 12.)				
Haparanda ...	29.66	+ .46	30	28	-10	*	*	SW	2	4	NN	*	bc	*	*
Hernösand ...	29.69	+ .15	40	37	0	*	*	S	2	0	7	*	c	*	*
Stockholm ...	29.97	+ .23	39	35	-11	*	*	SEW	2	4	SEW	*	bc	*	*
Wisby ...	30.13	+ .18	44	43	-9	*	*	SW	4	2	SW	*	bc	*	*
Christiansund ...	29.73	+ .06	45	41	+2	*	*	NW	11	6	SEW	*	n	*	*
Skudesnaes ...						*	*					*		*	*
Oxö (X'tiansand) ...	30.11	+ .12	45	44	-3	*	*	N	6	4	NNN	*	bc	*	4
Skagen (The Skaw) ...						*	*					*		*	*
Fanö ...						*	*					*		*	*
Cuxhaven ...	30.12f	+ .01	50	50	0	54	?	SW	1	1	SESE	3	fl	-	*
Sumburgh Head ...	30.05f	+ .13	46	44	-1	50	44	NN	6	6	NNN	5	bc	-	5
Stornoway (Hebrides) ...	30.21f	+ .17	46	44	+1	50	38	NNN	1	4	SW	4	bc	-	3
Thurso ...	30.20f	+ .15	48	45	+6	55	41	NN	3	3	N	7	bc	0.01	3
Wick ...	30.20f	+ .14	46	46	+2	52	42	NN	2	3	N	9	bc	-	1
Nairn ...	30.22f	+ .10	45	43	+3	51	42	2	0	1	SW	7	bc	-	1
Aberdeen ...	30.20f	+ .08	48	39	+2	49	35	SW	1	1	8	8	bc	-	1
Leith ...	30.22f	+ .05	33	33	-9	53	32	N	2	2	N	6	cf	-	*
Shields ...	30.16f	00	48	47	+4	50	43	NNE	3	3	SE	9	bc	0.19	3
York ...	?	?	49	49	-1	58	48	NNE	1	1	N	10	bc	0.04	*
Scarborough ...	30.12f	- .06	51	51	+2	51	49	NE	2	2	NE	10	bc	0.09	2
Nottingham ...	30.10f	- .03	51	50	0	54	48	NE	2	2	N	10	bc	0.03	*
Ardrossan ...	30.19f	+ .02	44	41	+5	52	39	N	1	1	N	4	m	-	0
Greencastle ...	30.23f	+ .04	47	47	+4	58	43	?	0	2	NNN	10	g	0.01	*
Donaghadee ...	30.17f	+ .02	49	48	+8	52	41	NNN	4	4	NNN	6	c	-	2
Kingstown ...	30.18f	+ .01	46	45	-3	54	46	NNN	4	5	N	10	gm	0.44	3
Holyhead ...	30.08f	- .02	52	51	0	54	49	NNE	4	5	NE	7	rmg	0.14	4
Liverpool (Bidston Obs.) ...	30.09f	- .01	50	48	0	50	47	NE	2	2	ENE	10	cf	0.20	1
Valencia ...	30.26f	+ .07	51	48	+2	54	48	NNE	3	5	NNE	5	c	-	3
Roche's Point ...	30.15f	+ .03	49	47	-1	51	46	N	4	6	NNE	6	bc	0.16	3
Pembroke ...	30.03f	+ .03	52	51	0	54	51	NNE	1	5	NNE	7	gm	0.00	2
Portishead ...	30.01f	+ .01	51	51	-5	61	45	NE	3	3	E	10	gm	0.06	2
Scilly ...	30.03f	+ .01	54	53	+1	54	50	N	4	6	NNE	7	of	0.72	5
Plymouth ...	29.99f	+ .01	47	47	-8	57	46	N	1	2	S	3	rf	0.46	*
Hurst Castle ...	29.98f	- .02	57	57	0	68	50	E	2	2	E	10	tlp	0.62	0
Dover ...	30.04f	- .03	53	52	0	57	52	S	3	2	SSW	5	bc	-	2
London ...	30.033	- .03	54	52	-3	64	53	ESE	2	3	SESE	10	bdo	0.01	*
Oxford ...	30.02	- .03	51	51	-6	62	48	ENE	1	2	NE	10	m	0.05	*
Cambridge ...	30.07f	- .01	52	51	-5	62	47	E	1	1	E	10	fo	-	*
Yarmouth ...	30.085	- .04	53	53	-2	53	51	2	0	2	ESE	3	fb	-	1
Helder ...	30.11	- .02	49	*	-1	*	*	SE	3	*	*	*	*	*	2
Cape Gris Nez ...	30.04f	- .02	50	48	-2	64	49	S	3	3	S	8	cr	-	2
Brest ...	30.01f	- .01	49	47	-5	59	44	NNE	3	4	SW	5	o	0.16	4
L'Orient ...	29.92f	- .08	48	42	-4	58	46	NNN	4	4	NNN	9	o	1.74	2
Rocheport ...	30.05f	- .02	57	53	+2	62	53	N	8	5	SW	10	cr	0.32	7
Biarritz ...	30.19f	- .01	53	51	-2	61	50	N	4	4	N	9	cf	-	4
Corunna ...						*	*					*		*	*
Brussels ...	30.11	- .04	52	*	+2	*	*	NW	3	*	*	*	c	*	*
Charleville ...	30.16	- .05	45	*	+8	*	*	E	3	*	*	*	c	*	*
Paris ...	30.08f	- .05	48	*	+4	58	44	SE	4	4	SESE	10	bc	-	*
Lyons ...	?	?	58	*	+10	*	*	SW	3	*	*	*	o	*	*
Toulon ...	30.15f	- .05	56	49	+3	63	57	N	1	4	NN	3	c	-	2

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

	Bar.	Dry.	Wet.	Wind.	O.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wes.	Sea.
Skudesnaes ...	30.09	49	46	NNN	6	*	4	Valencia ...	30.19	52	48	N	5	6	4
Thurso ...	30.07	50	46	SW	2	8	3	Scilly ...	29.91	51	50	NNE	6	9	5
Scarborough...	30.14	50	49	NE	2	10	2	London ...	30.02	60	56	E	2	0	5
Greencastle ...	30.19	48	47	2	0	10	*	Rocheport...	30.09	62	55	SSW	5	6	5
Holyhead ...	30.08	51	50	NE	5	10	4								

The barometer continues to fall at our S.W. and S.W. stations, while it has risen slightly both at Thurso and Rocheport. The night wind has freshened a little in St. George's Channel with rain, but in London the sky has become clear. In the N. and S.W. rain still prevails.

## EXPLANATION OF COLUMNS.

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

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

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



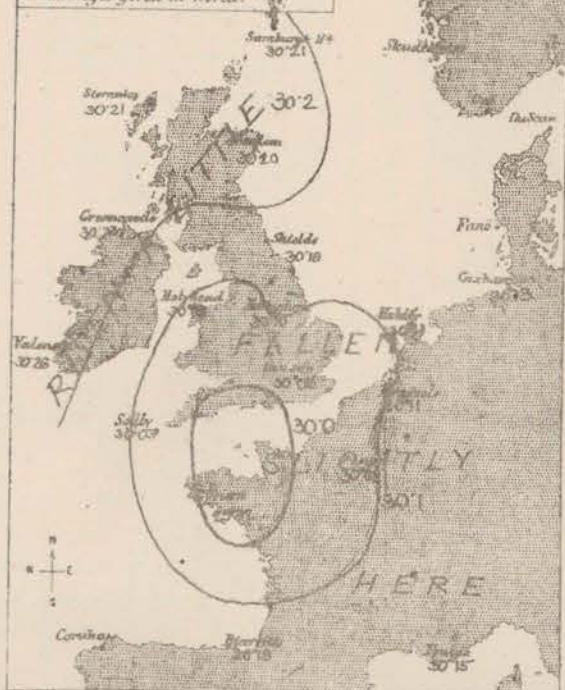
# WEATHER CHARTS

AND REMARKS FOR

THURSDAY 29<sup>TH</sup> OCTOBER 1874 AT 8 A.M.

## BAROMETER.

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



A further rise of the barometer has taken place at the Scotch and Irish stations and a further but slight fall in the south. The highest readings are now found over Scotland and the west of Ireland, but the small depression noticed yesterday remains over the English Channel. The gradient from Valencia to Sicily is now 0.06 in. per 50 miles for N.E. winds, while that from Biscay to the Azores is 0.05 in. for W. winds.

## TEMPERATURE.

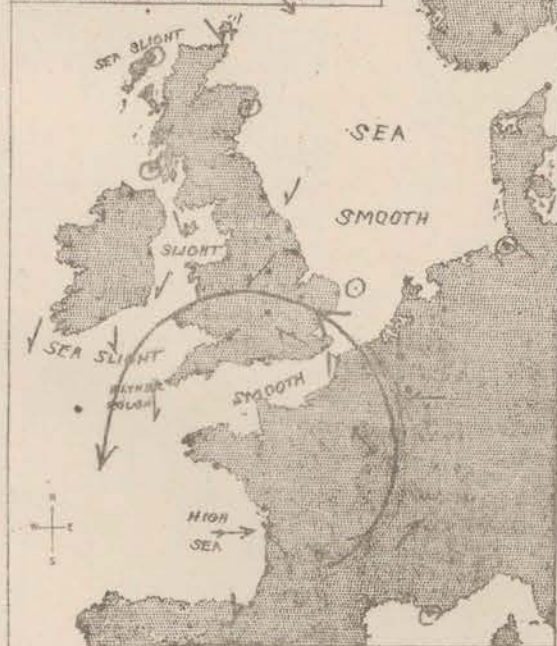
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperatures has fallen a little over England and the north of France, but risen elsewhere. Sea reports very cold weather, locally with dense fog.

## WIND & SEA.

- 1 Arrows show the wind Force 0 to 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 31 - 32 - 33 - 34 - 35 - 36 - 37 - 38 - 39 - 40 - 41 - 42 - 43 - 44 - 45 - 46 - 47 - 48 - 49 - 50 - 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 - 59 - 60 - 61 - 62 - 63 - 64 - 65 - 66 - 67 - 68 - 69 - 70 - 71 - 72 - 73 - 74 - 75 - 76 - 77 - 78 - 79 - 80 - 81 - 82 - 83 - 84 - 85 - 86 - 87 - 88 - 89 - 90 - 91 - 92 - 93 - 94 - 95 - 96 - 97 - 98 - 99 - 100 - 101 - 102 - 103 - 104 - 105 - 106 - 107 - 108 - 109 - 110 - 111 - 112 - 113 - 114 - 115 - 116 - 117 - 118 - 119 - 120 - 121 - 122 - 123 - 124 - 125 - 126 - 127 - 128 - 129 - 130 - 131 - 132 - 133 - 134 - 135 - 136 - 137 - 138 - 139 - 140 - 141 - 142 - 143 - 144 - 145 - 146 - 147 - 148 - 149 - 150 - 151 - 152 - 153 - 154 - 155 - 156 - 157 - 158 - 159 - 160 - 161 - 162 - 163 - 164 - 165 - 166 - 167 - 168 - 169 - 170 - 171 - 172 - 173 - 174 - 175 - 176 - 177 - 178 - 179 - 180 - 181 - 182 - 183 - 184 - 185 - 186 - 187 - 188 - 189 - 190 - 191 - 192 - 193 - 194 - 195 - 196 - 197 - 198 - 199 - 200 - 201 - 202 - 203 - 204 - 205 - 206 - 207 - 208 - 209 - 210 - 211 - 212 - 213 - 214 - 215 - 216 - 217 - 218 - 219 - 220 - 221 - 222 - 223 - 224 - 225 - 226 - 227 - 228 - 229 - 230 - 231 - 232 - 233 - 234 - 235 - 236 - 237 - 238 - 239 - 240 - 241 - 242 - 243 - 244 - 245 - 246 - 247 - 248 - 249 - 250 - 251 - 252 - 253 - 254 - 255 - 256 - 257 - 258 - 259 - 260 - 261 - 262 - 263 - 264 - 265 - 266 - 267 - 268 - 269 - 270 - 271 - 272 - 273 - 274 - 275 - 276 - 277 - 278 - 279 - 280 - 281 - 282 - 283 - 284 - 285 - 286 - 287 - 288 - 289 - 290 - 291 - 292 - 293 - 294 - 295 - 296 - 297 - 298 - 299 - 300 - 301 - 302 - 303 - 304 - 305 - 306 - 307 - 308 - 309 - 310 - 311 - 312 - 313 - 314 - 315 - 316 - 317 - 318 - 319 - 320 - 321 - 322 - 323 - 324 - 325 - 326 - 327 - 328 - 329 - 330 - 331 - 332 - 333 - 334 - 335 - 336 - 337 - 338 - 339 - 340 - 341 - 342 - 343 - 344 - 345 - 346 - 347 - 348 - 349 - 350 - 351 - 352 - 353 - 354 - 355 - 356 - 357 - 358 - 359 - 360 - 361 - 362 - 363 - 364 - 365 - 366 - 367 - 368 - 369 - 370 - 371 - 372 - 373 - 374 - 375 - 376 - 377 - 378 - 379 - 380 - 381 - 382 - 383 - 384 - 385 - 386 - 387 - 388 - 389 - 390 - 391 - 392 - 393 - 394 - 395 - 396 - 397 - 398 - 399 - 400 - 401 - 402 - 403 - 404 - 405 - 406 - 407 - 408 - 409 - 410 - 411 - 412 - 413 - 414 - 415 - 416 - 417 - 418 - 419 - 420 - 421 - 422 - 423 - 424 - 425 - 426 - 427 - 428 - 429 - 430 - 431 - 432 - 433 - 434 - 435 - 436 - 437 - 438 - 439 - 440 - 441 - 442 - 443 - 444 - 445 - 446 - 447 - 448 - 449 - 450 - 451 - 452 - 453 - 454 - 455 - 456 - 457 - 458 - 459 - 460 - 461 - 462 - 463 - 464 - 465 - 466 - 467 - 468 - 469 - 470 - 471 - 472 - 473 - 474 - 475 - 476 - 477 - 478 - 479 - 480 - 481 - 482 - 483 - 484 - 485 - 486 - 487 - 488 - 489 - 490 - 491 - 492 - 493 - 494 - 495 - 496 - 497 - 498 - 499 - 500 - 501 - 502 - 503 - 504 - 505 - 506 - 507 - 508 - 509 - 510 - 511 - 512 - 513 - 514 - 515 - 516 - 517 - 518 - 519 - 520 - 521 - 522 - 523 - 524 - 525 - 526 - 527 - 528 - 529 - 530 - 531 - 532 - 533 - 534 - 535 - 536 - 537 - 538 - 539 - 540 - 541 - 542 - 543 - 544 - 545 - 546 - 547 - 548 - 549 - 550 - 551 - 552 - 553 - 554 - 555 - 556 - 557 - 558 - 559 - 560 - 561 - 562 - 563 - 564 - 565 - 566 - 567 - 568 - 569 - 570 - 571 - 572 - 573 - 574 - 575 - 576 - 577 - 578 - 579 - 580 - 581 - 582 - 583 - 584 - 585 - 586 - 587 - 588 - 589 - 590 - 591 - 592 - 593 - 594 - 595 - 596 - 597 - 598 - 599 - 600 - 601 - 602 - 603 - 604 - 605 - 606 - 607 - 608 - 609 - 610 - 611 - 612 - 613 - 614 - 615 - 616 - 617 - 618 - 619 - 620 - 621 - 622 - 623 - 624 - 625 - 626 - 627 - 628 - 629 - 630 - 631 - 632 - 633 - 634 - 635 - 636 - 637 - 638 - 639 - 640 - 641 - 642 - 643 - 644 - 645 - 646 - 647 - 648 - 649 - 650 - 651 - 652 - 653 - 654 - 655 - 656 - 657 - 658 - 659 - 660 - 661 - 662 - 663 - 664 - 665 - 666 - 667 - 668 - 669 - 670 - 671 - 672 - 673 - 674 - 675 - 676 - 677 - 678 - 679 - 680 - 681 - 682 - 683 - 684 - 685 - 686 - 687 - 688 - 689 - 690 - 691 - 692 - 693 - 694 - 695 - 696 - 697 - 698 - 699 - 700 - 701 - 702 - 703 - 704 - 705 - 706 - 707 - 708 - 709 - 710 - 711 - 712 - 713 - 714 - 715 - 716 - 717 - 718 - 719 - 720 - 721 - 722 - 723 - 724 - 725 - 726 - 727 - 728 - 729 - 730 - 731 - 732 - 733 - 734 - 735 - 736 - 737 - 738 - 739 - 740 - 741 - 742 - 743 - 744 - 745 - 746 - 747 - 748 - 749 - 750 - 751 - 752 - 753 - 754 - 755 - 756 - 757 - 758 - 759 - 760 - 761 - 762 - 763 - 764 - 765 - 766 - 767 - 768 - 769 - 770 - 771 - 772 - 773 - 774 - 775 - 776 - 777 - 778 - 779 - 780 - 781 - 782 - 783 - 784 - 785 - 786 - 787 - 788 - 789 - 790 - 791 - 792 - 793 - 794 - 795 - 796 - 797 - 798 - 799 - 800 - 801 - 802 - 803 - 804 - 805 - 806 - 807 - 808 - 809 - 810 - 811 - 812 - 813 - 814 - 815 - 816 - 817 - 818 - 819 - 820 - 821 - 822 - 823 - 824 - 825 - 826 - 827 - 828 - 829 - 830 - 831 - 832 - 833 - 834 - 835 - 836 - 837 - 838 - 839 - 840 - 841 - 842 - 843 - 844 - 845 - 846 - 847 - 848 - 849 - 850 - 851 - 852 - 853 - 854 - 855 - 856 - 857 - 858 - 859 - 860 - 861 - 862 - 863 - 864 - 865 - 866 - 867 - 868 - 869 - 870 - 871 - 872 - 873 - 874 - 875 - 876 - 877 - 878 - 879 - 880 - 881 - 882 - 883 - 884 - 885 - 886 - 887 - 888 - 889 - 890 - 891 - 892 - 893 - 894 - 895 - 896 - 897 - 898 - 899 - 900 - 901 - 902 - 903 - 904 - 905 - 906 - 907 - 908 - 909 - 910 - 911 - 912 - 913 - 914 - 915 - 916 - 917 - 918 - 919 - 920 - 921 - 922 - 923 - 924 - 925 - 926 - 927 - 928 - 929 - 930 - 931 - 932 - 933 - 934 - 935 - 936 - 937 - 938 - 939 - 940 - 941 - 942 - 943 - 944 - 945 - 946 - 947 - 948 - 949 - 950 - 951 - 952 - 953 - 954 - 955 - 956 - 957 - 958 - 959 - 960 - 961 - 962 - 963 - 964 - 965 - 966 - 967 - 968 - 969 - 970 - 971 - 972 - 973 - 974 - 975 - 976 - 977 - 978 - 979 - 980 - 981 - 982 - 983 - 984 - 985 - 986 - 987 - 988 - 989 - 990 - 991 - 992 - 993 - 994 - 995 - 996 - 997 - 998 - 999 - 1000



Light N.W. breezes still prevail in Scotland, N. to NE winds in Ireland and the English Channel, W. breezes in the southern parts of France and S. to SE winds at the southern stations. Rochefort reports a fresh W. gale. The sea is smooth or nearly so for almost all our coast but is high at Rochefort.

## CLOUD, RAIN &c.

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



Rain has fallen except in the north - heavily along our south coast. Thunder and lightning occurred at Bristol early this morning. The sky is cloudy generally, especially over England, and the weather is wet or showery in several places.

Note: The Roumanian reports arrived too late to be included in the above charts.

Subscriptions for these Charts payable in advance to cover delivery.  
Delivery by hand 10/ per quarter.  
Post paid 9/ per quarter.

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

ROBERT H. SCOTT, Director.

Printed and Published by J. W. Parker, 22, Bedford St. Covent Garden.



Fri- day 8 a.m.

# WEATHER REPORT.

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

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. — (0 to 12.)	Force. — (0 to 12.)	Dirac.				
Haparanda ...	29.76	+ .10	22	23	-7	*	*	NE	2	2	NE	*	bc	*	*
Hernösand ...	29.71	+ .02	37	32	-3	*	*	NNN	4	6	N	*	b	*	*
Stockholm ...	30.22	+ .25	35	32	-4	*	*	NNN	2	6	N	*	b	*	*
Wisby ...	30.28	+ .15	43	41	-1	*	*	NE	4	4	NN	*	b	*	*
Christiansund ...	30.25	+ .52	41	39	-4	*	*	SN	4	4	NNN	*	re	*	5
Skudesnaes ...	30.39		43	42		*	*	ENE	2	4	NNN	*	b	*	2
Oxö (X'tiansand)	30.33	+ .22	39	37	-6	*	*	N	4	4	NNN	*	b	*	2
Skagen (The Skaw)	30.34	+ .22	45	42	-2	*	*	ENE	2	2	NNN	*	ab	-	*
Fanö ...	30.27	+ .12	40	40	-7	*	*	NE	2	2	N	*	er	-	*
Cuxhaven ...	30.25	+ .12	48	48	-2	51	?	ENE	2	2	N	5	oc	-	*
Sumburgh Head	30.27	+ .22	46	44	0	48	40	NNN	3	6	NN	7	eg	-	3
Stornoway (Hebrides)	30.37	+ .16	39	38	-7	48	35	N	?	1	NN	7	oc	-	2
Thurso ...	30.39	+ .19	41	39	-7	52	41	SSN	1	3	NNN	8	o	-	1
Wick ...	30.37	+ .17	43	42	-3	49	41	NN	2	2	NN	9	o	-	0
Nairn ...	30.41	+ .19	35	34	-10	50	34	Z	0	1	NE	5	eb	-	1
Aberdeen ...	30.40	+ .20	42	40	+2	50	39	N	1	1	N	3	cb	-	1
Leith ...	30.43	+ .21	47	45	+14	52	32	E	3	3	E	7	c	-	*
Shields ...	30.39	+ .23	47	45	-1	49	45	NE	4	6	NE	7	re	0.29	4
York ...	30.37	?	48	46	-1	53	47	NNE	1	1	N	9	o	0.03	*
Scarborough ...	30.36	+ .24	48	47	-3	51	48	ENE	4	0	ENE	7	mc	0.02	4
Nottingham ...	30.28	+ .18	50	50	-1	54	49	NNE	4	4	NNE	10	od	0.09	*
Ardrossan ...	30.42	+ .23	46	43	+2	54	43	NE	1	3	NE	8	mg	-	0
Greencastle ...	30.43	+ .20	44	40	-3	50	43	NNN	1	2	N	1	gb	0.00	*
Donaghadee ...	30.39	+ .22	50	47	+1	52	48	E	4	5	E	9	so	-	3
Kingstown ...	30.36	+ .18	52	50	+6	54	46	ENE	4	5	N	9	o	0.01	3
Holyhead ...	30.31	+ .23	49	48	-3	54	49	ENE	4	4	NE	8	pb	0.01	2
Liverpool (Bidston Obs.)	30.32	+ .23	47	45	-3	51	46	NE	2	3	NE	7	oc	0.04	1
Valencia ...	30.36	+ .10	49	47	-2	56	46	NNE	2	3	N	2	b	-	2
Roche's Point ...	30.29	+ .14	49	43	0	53	46	NNE	3	5	NNE	9	co	-	3
Pembroke ...	30.24	+ .21	51	49	-1	55	48	NE	2	2	NNE	3	mc	-	2
Portishead ...	30.18	+ .17	50	52	+2	56	49	NNE	3	6	NE	10	gw	0.06	4
Scilly ...	30.21	+ .18	54	53	0	56	52	NNE	4	5	NNE	8	o	0.01	4
Plymouth ...	30.17	+ .18	51	50	+4	56	47	NNE	1	2	NE	5	sw	-	*
Hurst Castle ...	30.12	+ .14	52	51	-5	67	50	NE	2	2	NE	10	p	0.05	0
Dover ...	30.09	+ .05	54	52	+1	56	51	E	3	3	S	5	tla	0.73	2
London ...	30.13	+ .10	52	51	-2	40	50	NE	2	3	NE	10	or	0.73	*
Oxford ...	30.17	+ .15	52	50	+1	55	51	NNE	3	3	NNE	10	pg	0.26	*
Cambridge ...	30.19	+ .12	51	50	-1	58	50	NNE	1	1	NNE	10	obr	-	*
Yarmouth ...	30.20	+ .12	53	52	0	56	51	E	5	5	E	10	cg	-	5
Helder ...	30.22	+ .11	52	*	+3	*	*	ENE	6	*	*	*	*	*	2
Cape Gris Nez ...	30.05	+ .01	50	50	0	56	49	E	3	3	ESE	8	ro	0.05	2
Brest ...	30.19	+ .18	51	49	+2	58	49	N	3	5	NNN	8	of	-	3
L'Orient ...	30.12	+ .20	50	50	+2	60	46	N	3	4	NN	3	e	-	2
Rochefort ...	30.10	+ .10	52	50	-5	61	50	SE	3	8	SN	4	re	0.04	3
Biarritz ...	30.17	+ .02	55	53	+2	61	50	S	1	4	N	5	af	-	4
Corunna ...	30.17	+ .09	53	*	-4	*	*	NE	3	*	*	*	*	*	5
Brussels ...	30.14	+ .03	52	*	0	*	*	ESE	3	*	*	*	*	*	*
Charleville ...	30.19	+ .03	50	*	+5	*	*	SE	3	*	*	*	*	*	*
Paris ...	30.09	+ .01	48	*	0	55	48	S	5	5	SSE	10	o	0.08	*
Lyons ...	?	?	54	*	-4	*	*	SE	3	*	*	*	f	*	*
Toulon ...	30.12	+ .03	56	54	-2	67	55	NE	1	1	N	6	o	-	2

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

	Bar.	Dry.	Wet.	Wind.	O.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wen.	Sea.		
Skudesnaes ...	30.15	48	44	NNN	4	*	c	3	Valencia ...	30.27	54	50	N	3	7	c	3
Thurso ...	30.28	40	36	N	1	6	c	2	Scilly ...	30.07	55	54	NNE	4	8	o	4
Scarborough...	30.15	50	50	ENE	2	10	m	2	London ...	30.03	57	54	ENE	1	7	oc	*
Greencastle ...	30.24	50	49	N	2	9	g	*	Rochefort...	30.05	58	54	NNN	8	10	m	7
Holyhead ...	30.12	52	51	NE	4	10	og	3									

Pressure is unaltered in London but elsewhere the barometer has risen though very slightly in the N. The shallow depression seems to have travelled a little to the E and the wind has veered to NNN 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; a. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

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

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



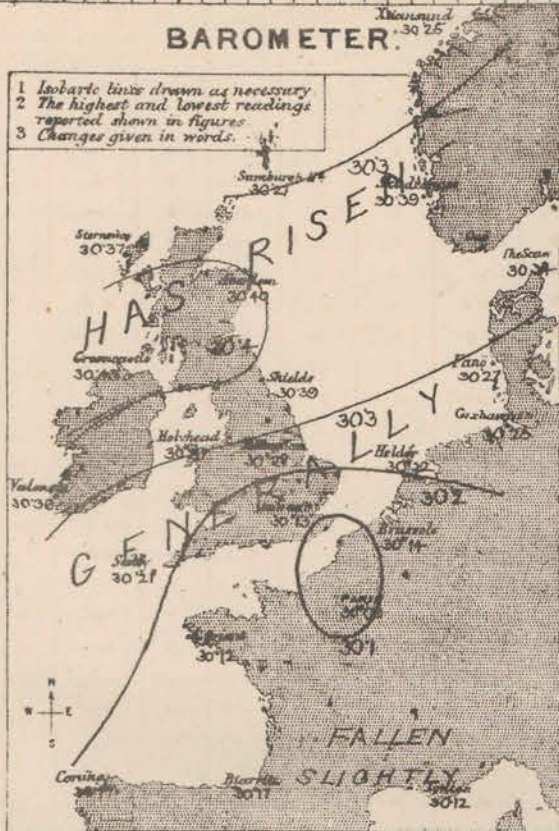
# WEATHER CHARTS

## AND REMARKS FOR

FRIDAY 30<sup>TH</sup> OCTOBER 1874 AT 8 A.M.

### BAROMETER.

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



A further rise of the barometer has now taken place at all but the southern French stations. The small depression which has lately been noticed over the Channel, has moved E<sup>ward</sup> and is now over the Straits of Dover and north-east of France, while the highest pressure lies over the north-west of our Islands. The gradient from Liske to Cape Gris-Nez is 0.055 in. per 50 miles.

### TEMPERATURE.

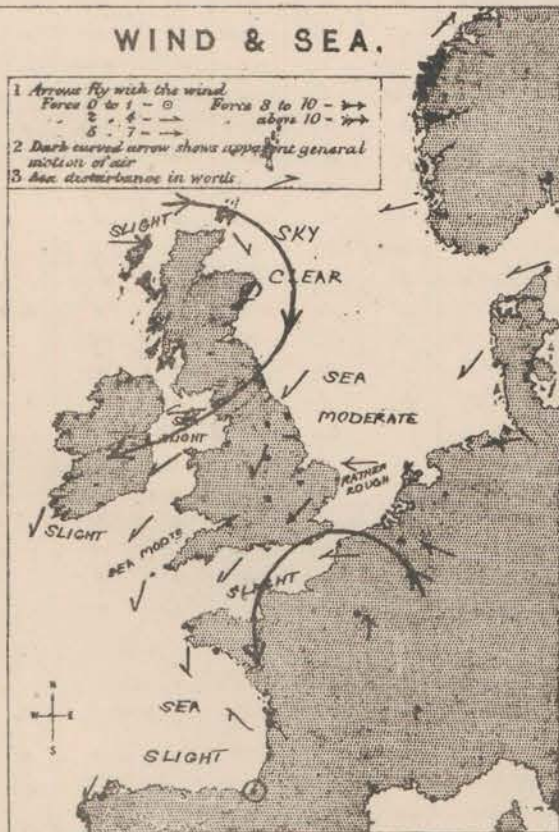
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen at the Scotch stations and on the eastern shores of the North Sea, but has changed little and irregularly elsewhere.

### WIND & SEA.

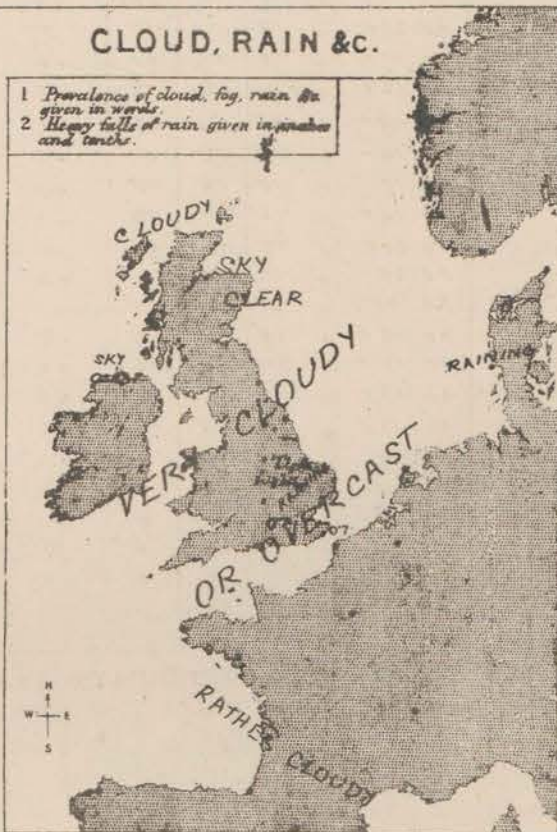
- 1 Arrows fly with the wind. Force 0 to 1 - - - Force 8 to 10 - - - Force 10 - - -
- 2 Dark curved arrow shows upper air general motion of air.
- 3 Sea disturbances in words.



Light to moderate NE<sup>ly</sup> winds prevail over the North Sea, England and Ireland, driving into N. in the north-west of France, while Paris reports a S<sup>ly</sup> breeze and SE winds are felt in Belgium. In the extreme north, W<sup>ly</sup> winds are reported. The sea is moderate to smooth on our coasts except at Yarmouth.

### CLOUD, RAIN &c.

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



Thunder has occurred at Cambridge and lightning at Dover. The sky is now clear at many of the northern stations, cloudy elsewhere, especially in the south-east. Rain has fallen except in the north, but the amount has been very small except in the south-east of England and at Cape Gris-Nez, where it has been 1/10 in.

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

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



Satur. day 8 a.m.

# WEATHER REPORT.

October 31<sup>st</sup> 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.						Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.						
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. — (0 to 12.)	Force. — (0 to 12.)	Dirac.					
Haparanda ...	29.54	+ .22	36	35	+13	*	*	SW	6	6	N	*	a	*	*	
Hernösand ...	29.45	+ .24	42	40	+5	*	*	S	2	2	N	*	o	*	*	
Stockholm ...	30.20	- .02	40	39	+5	*	*	SW	4	4	SW	*	oe	*	*	
Wisby ...	30.41	+ .13	44	41	+1	*	*	N	6	2	NN	*	be	*	*	
Christiansund...	30.03	- .22	50	48	+9	*	*	SW	10	8	SW	*	7	*	6	
Skudesnaes ...	30.42	+ .03	46	44	+3	*	*	ENE	2	4	NNE	*	co	*	2	
Oxö (X'tiansand)	30.35	+ .02	39	?	0	*	*	?	2	2	SW	*	b	*	1	
Skagen (The Skaw)	30.37	+ .03	40	39	-5	*	*	WSW	2	2	N	*	b	-	*	
Fanö ...	30.43	+ .16	41	41	+1	*	*	E	2	2	E	*	bo	-	*	
Cuxhaven ...	30.59r	+ .14	50	49	+2	50	?	E	2	2	E	4	a	-	*	
Sumburgh Head	30.25f	- .02	50	49	+4	51	46	N	7	6	WSW	10	go	-	5	
Stornoway (Ho- brides.)	30.37s	00	45	44	+6	49	37	SW	1	2	SW	10	og	-	2	
Thurso...	30.39f	00	44	42	+3	54	41	SSW	1	1	SSW	8	o	-	1	
Wick ...	30.42s	+ .05	42	41	-1	42	38	Z	0	2	NN	4	c	-	0	
Nairn ...	30.42f	+ .01	40	38	+5	49	31	SW	1	1	SW	0	b	-	1	
Aberdeen ...	30.42f	+ .02	32	31	-10	48	32	SW	1	1	N	0	b	-	1	
Leith ...	30.48f	+ .05	41	39	-6	50	39	SW	2	3	E	8	of	-	*	
Shields...	30.45f	+ .06	45	43	-2	49	44	ENE	2	4	NE	5	a	-	2	
York ...	?	?	47	46	-1	51	45	NE	1	1	NE	9	o	-	*	
Scarborough ...	30.42r	+ .06	49	48	+1	49	48	ENE	4	4	NE	10	o	-	4	
Nottingham ...	30.37s	+ .09	50	48	0	52	48	NNE	4	4	NNE	10	dq	0.01	*	
Ardrossan ...	30.47s	+ .05	39	36	-7	50	38	NE	1	2	NE	4	f	-	0	
Greencastle ...	30.45f	+ .02	44	42	0	49	43	Z	0	3	ESE	10	q	-	*	
Donaghadee ...	30.43f	+ .04	47	45	-3	50	45	ENE	3	4	E	10	o	-	2	
Kingstown ...	30.41s	+ .05	50	48	-2	54	50	ENE	4	5	NNE	8	go	-	3	
Holyhead ...	30.36f	+ .05	48	47	-1	52	45	ENE	2	4	ENE	5	bo	-	2	
Liverpool (Bidston Obs.)	30.39f	+ .07	46	44	-1	50	45	NE	2	3	NE	10	am	-	1	
Valencia ...	30.36f	00	46	44	-3	55	45	NE	3	3	NE	5	o	-	3	
Roche's Point...	30.32s	+ .03	47	46	-2	55	45	NE	3	4	NE	9	o	-	3	
Pembroke ...	30.30f	+ .06	46	44	-5	54	45	ENE	3	3	NE	3	mc	-	2	
Portishead ...	30.26r	+ .08	51	50	-2	54	48	NE	6	7	NE	10	gg	0.04	4	
Scilly ...	30.21f	00	52	50	-2	56	51	N	5	4	NNE	6	c	-	4	
Plymouth ...	30.19f	+ .02	52	50	+1	58	49	E	5	5	E	9	g	-	*	
Hurst Castle ...	30.22r	+ .10	52	51	0	67	50	NE	5	5	NE	5	pe	0.06	3	
Dover ...	30.26r	+ .17	52	50	-2	55	51	ENE	3	4	NE	7	ag	-	2	
London ...	30.28r	+ .15	52	49	0	54	50	E	2	4	NE	10	ro	0.34	*	
Oxford...	30.29	+ .12	51	50	-1	53	49	NE	2	4	E	10	g	0.01	*	
Cambridge ...	30.32r	+ .13	50	49	-1	54	48	NE	1	2	NE	10	g	0.03	*	
Yarmouth ...	30.32r	+ .12	52	50	-1	54	50	E	4	5	E	10	go	-	4	
Helder ...	30.35	+ .11	50	*	-2	*	*	ENE	6	*	*	*	*	*	2	
Cape Gris Nez...	30.24r	+ .19	48	48	-2	55	48	NE	4	4	ENE	10	mf	-	3	
Brest ...	30.15f	- .04	50	48	-1	59	48	NE	1	4	NNE	?	o	0.04	2	
L'Orient ...	30.09f	- .03	49	49	-1	60	48	NE	1	4	N	6	rf	-	2	
Rochefort ...	30.11f	- .04	52	50	0	62	47	SE	3	3	SE	7	e	-	3	
Biarritz ...	30.08f	- .09	51	51	-4	61	46	SE	4	4	NE	5	cf	-	3	
Corunna ...																
Brussels ...	30.30	+ .16	46	*	-6	*	*	ENE	3	*	*	*	o	*	*	
Charleville ...	30.27	+ .08	40	*	-10	*	*	SSW	3	*	*	*	o	*	*	
Paris ...	30.23r	+ .14	48	*	0	52	47	ESE	1	5	S	1	tb	0.08	*	
Lyons ...	?	?	52	*	-2	*	*	E	1	*	*	*	b	*	*	
Toulon...	30.19r	+ .07	55	48	-1	63	50	Z	0	4	NN	4	fo	-	2	

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.
Skudesnaes ...	30.42	46	42	? ?	*	?	2	Valencia ...	30.38	52	47	NE	3	7	2
Thurso ...	30.40	50	46	SSW 1	8	5	1	Scilly ...	30.23	55	54	NNE	4	7	2
Scarborough...	30.39	48	45	NE 4	10	5	4	London ...	30.18	54	52	NE	1	10	g20
Greencastle ...	30.45	49	48	ENE 1	10	9	*	Rochefort...	30.11	59	54	S	3	10	5
Holyhead ...	30.36	51	49	ENE 4	6	m	3								

The barometer continues to rise except at Rochefort, where a further fall has taken place and the wind continues SE. On our coast moderate NE winds are still experienced with cloudy weather.

## EXPLANATION OF COLUMNS.

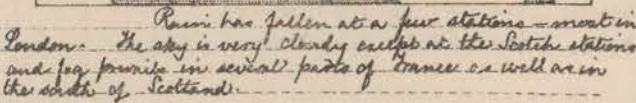
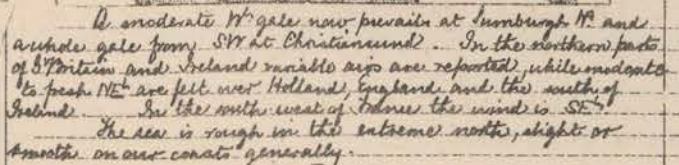
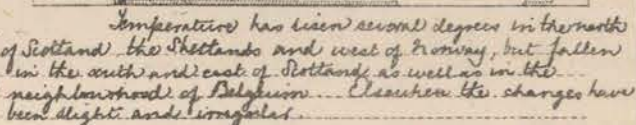
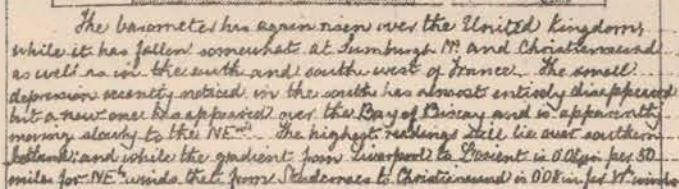
**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy;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

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

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



SATURDAY 31<sup>ST</sup> OCTOBER 1874 AT 8 A.M.



Dangerfield, Lth, 22 Bedford St. Covent Garden



# SUMMARY OF WEATHER IN WESTERN EUROPE

from OCT<sup>r</sup> 25<sup>TH</sup> to OCT<sup>r</sup> 31<sup>ST</sup> 1874.

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

On Oct<sup>r</sup> 25<sup>th</sup> the barometer had fallen quickly in the north, and a depression appeared to be lying to the N<sup>W</sup> of these Islands. A recovery was in progress on the next day but a slight fall was shown at Valencia which extended to all stations during the next 24 hrs and a small depression had advanced over the south of Ireland. This depression continued in the neighbourhood of the English Channel till the 30<sup>th</sup> and an area of high readings lay over the north and west of these Islands till the close of the week. The winds have circulated round the low pressure but have been moderate generally. Temperature has varied considerably, the weather has been overcast except in the north, and a great deal of rain has fallen.

OCT<sup>r</sup> 25<sup>th</sup> At 8 am the barometer was falling except in the south of France. Over the north of Scotland the decrease had been very brisk, a depression was <sup>apparently</sup> lying over that district, and the gradient from Yarmouth to Aberdeen was 0.11 in. per 50 miles. Moderate SW<sup>ly</sup> gales had been experienced at most of our western stations in the past night and fresh breezes from that quarter were general, drawing into S, however, and increasing to a gale at Skudesnaes. Temperature had increased very considerably over central and eastern England and to a less extent at most stations but in the north-west and north it had decreased somewhat. The sky was overcast except in the south of France.

OCT<sup>r</sup> 26<sup>th</sup> Pressure had recovered generally from the depression noticed in the north yesterday. Over Scotland the change exceeded 0.6 in., but since 6 o'clock last evening the mercury had begun to give way again in the south of Ireland. A large area of high pressure lay over Central Europe, but the gradient from Paris to Valencia was only 0.04 in. per 50 miles. At Lumburgh 18<sup>th</sup> a fresh WNW<sup>ly</sup> gale, and at Christiania and a fresh SW<sup>ly</sup> gale were reported, but at our other stations light S<sup>ly</sup> air was experienced. Temperature had risen in the south and west, but had fallen several degrees on our east coast. The sky was again overcast, rain was falling in many places and the weather was very unsettled. In the afternoon the barometer was falling everywhere.

OCT<sup>r</sup> 27<sup>th</sup> The barometer had continued to fall slowly at all stations, and a small shallow depression had advanced over the south of Ireland from the W<sup>ly</sup>. The highest readings were found over France and the lowest to the N<sup>W</sup> of these Islands, but the gradient from Toulon to Stornoway was very slight. The wind was light from the S<sup>ly</sup> generally, but drew into W at the more northern stations. In the south of Ireland, however, in the rear of the small depression the wind had shifted to N. Temperature had risen several degrees over the north of England but had hardly changed elsewhere. The sky remained overcast generally, and rain and fog were reported from some places. At 2 pm the barometer was rising in the west and north and the small depression lay apparently in the neighbourhood of Holyhead. In the evening aurora was seen at Wick.

OCT<sup>r</sup> 28<sup>th</sup> The shallow depression which was noted yesterday still continued in our area, and lay at 8 am at the mouth of the Channel. The barometer had risen briskly over our Islands, while it had fallen at the French stations. Gradients were everywhere slight. The winds in the south



and south-west circulated round the above depression, while in the north of Scotland and over the North Sea they were  $W^4$  - very light at our stations but fresh on the coast of Norway. Temperature had fallen generally. The sky continued overcast except in the north of Scotland, and rain was falling in the south-west. At 2pm the depression still lay over our south-western coasts but had apparently moved a little to the  $W^4$ .

OCT 29<sup>th</sup> The barometer had again risen over Ireland and Scotland but in the south a decrease had taken place. The depression noticed on the previous day still maintained its position over the English Channel and gradients continued slight. The winds showed a distinct circulation round the above disturbance, being  $W^4$  in the south of France,  $S^4$  and  $SE^4$  at the south-eastern stations and drawing into NE and N in the south-west. Temperature had fallen generally over England and the north of France, but had risen elsewhere. Thunder and lightning occurred at Hurst Castle early in the morning. At 8am the sky was overcast, dense fog prevailed at Leith and the weather was very unsettled. As the day advanced the depression travelled a little to the  $SE^4$ .

OCT 30<sup>th</sup> A further rise of the barometer was reported from all parts of western Europe, except the south of France, and the highest readings were found over our north-western stations. The small depression having advanced a little to the  $E^4$  lay at 8am over the north-east of France and Straits of Dover, and the gradient from Leith to Cape Gris-Nez was 0.055 in per 50 miles. Light to moderate  $NE^4$  winds were general, drawing into N in the north-west of France, while in Belgium and the north of France  $S^4$  to  $SE^4$  winds were reported, and  $W^4$  to  $SW^4$  at our extreme northern stations. Temperature was lower in the north of Scotland and on the eastern shores of the North Sea but was very little changed elsewhere. The sky was cloudy except in the north; heavy rain had fallen in the south-east and was continuing at 8am. At 2pm the fall in the south of France had extended to Rochefort, where the wind had veered to S.

OCT 31<sup>st</sup> The barometer had risen generally over these Islands and on the eastern shores of the North Sea, while it had fallen at Christiansund and in the south-west of France, and, during the night, along our west coasts also. A large area of high pressure lay over the North Sea and the north of the United Kingdom, and the gradient from Skudesnaes to Christiansund was 0.08 in per 50 miles; at the latter station a hard  $SW^4$  gale was blowing, and a moderate  $W^4$  gale at Sumburgh. Over Scotland and the north of England very light airs or calms were experienced, and fresh to moderate  $NE^4$  breezes in the south. The changes in temperature were very irregular, but in the south and east of Scotland a fall of several degrees was reported. The sky was very cloudy except over Scotland and at 2pm the barometer was falling at all stations except Rochefort.



## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR OCTOBER 1874

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

DATE.	STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	DATE.	
		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.
1 <sup>st</sup>	Skagen	29.84	-.06	55	54	-1	*	*	SE	2	2	S	*	o	0.35	*	26 <sup>th</sup>
"	Tanö	29.75	-.14	55	55	-6	*	*	SE	4	2	SSW	*	b	0.12	*	"
3 <sup>rd</sup>	Helder	29.18	-.27	53	*	-5	*	*	SW	3	*	*	*	*	*	4	"
7 <sup>th</sup>	Haparanda	29.58	+ .29	40	38	-8	*	*	SW	4	10	NW	*	bt	*	*	"
"	Hernösand	29.45	-.03	44	42	?	*	*	S	6	0	Z	*	bt	*	*	27 <sup>th</sup>
"	Stockholm	29.72	+ .10	51	46	+9	*	*	SSW	8	4	W	*	a	*	*	"
"	Trisby	29.95	+ .17	51	48	+5	*	*	SW	4	4	SW	*	c	*	*	"
"	Christiansund	28.88	-.68	48	45	+12	*	*	Z	0	4	E	*	or	*	5	28 <sup>th</sup>
"	Corunna	29.87	-	59	*	-	*	*	SW	6	*	*	*	po	*	1	29 <sup>th</sup>
8 <sup>th</sup>	Skagen	29.65	+ .21	57	50	+1	*	*	W	4	10	SSW	*	oc	0.12	*	"
"	Tanö	29.69	+ .20	52	51	-1	*	*	SW	2	8	SSW	*	olt	-	*	"
9 <sup>th</sup>	Skagen	30.04	+ .39	48	46	-3	*	*	WSW	2	2	WSW	*	b	-	*	"
"	Tanö	30.03	+ .34	?	46	?	*	*	SE	2	0	Z	*	b	0.51	*	"
"	Lumburgh H.	29.61	-.04	49	47	+9	49	42	SSE	8	4	S	7	cw	-	7	1 <sup>st</sup>
"	Forest	29.88	-.14	55	55	+3	60	50	WSW	1	5	S	10	or	0.12	5	2 <sup>nd</sup>
"	Corunna	30.08	-	60	*	-	*	*	S	3	*	*	*	fp	*	1	3 <sup>rd</sup>
"	Bourel	30.13	-.22	56	*	+6	*	*	SW	3	*	*	*	o	*	*	4 <sup>th</sup>
10 <sup>th</sup>	Lumburgh H.	29.61	.00	50	50	+1	52	49	S	7	8	S	10	+	0.09	6	5 <sup>th</sup>
"	Toulon	30.23	+ .05	60	56	+1	71	56	E	4	3	W	3	oc	-	3	6 <sup>th</sup>
11 <sup>th</sup>	Bover	30.18	+ .05	58	57	+7	59	49	SW	3	3	SW	4	c	-	2	7 <sup>th</sup>
12 <sup>th</sup>	Bover	-	+ .04	-	-	-3	-	-	-	-	-	-	-	-	-	-	8 <sup>th</sup>
"	Corunna	30.08	-.15	60	*	+2	*	*	W	3	*	*	*	o	*	5	9 <sup>th</sup>
13 <sup>th</sup>	Corunna	30.07	-.07	72	*	+12	*	*	N	?	*	*	*	?	*	?	10 <sup>th</sup>
15 <sup>th</sup>	Lumburgh H.	29.36	-.52	51	51	+5	51	51	S	6	7	S	10	uo	-	6	11 <sup>th</sup>
"	Corunna	29.93	-	60	*	-	*	*	SW	9	*	*	*	o	*	7	12 <sup>th</sup>
16 <sup>th</sup>	Cuxhaven	29.80	+ .09	48	48	-2	67	?	SSE	1	2	S	1	b	-	*	13 <sup>th</sup>
17 <sup>th</sup>	Skagen	29.87	+ .08	54	53	+3	*	*	S	2	4	S	*	o	0.16	*	14 <sup>th</sup>
"	Tanö	29.88	.00	56	55	+2	*	*	SSW	4	2	SSW	*	c	-	*	15 <sup>th</sup>
"	Corunna	30.11	-	54	*	-	*	*	NE	3	*	*	*	c	*	5	16 <sup>th</sup>
16 <sup>th</sup> 2 <sup>nd</sup>	Greencliffe	29.67	*	57	48	*	*	*	SSW	4	*	*	4	c	*	*	17 <sup>th</sup>
20 <sup>th</sup>	Corunna	30.37	-	57	*	-	*	*	N	9	*	*	*	c	*	7	18 <sup>th</sup>
24 <sup>th</sup>	Haparanda	29.76	+ .23	43	41	-5	*	*	SW	2	2	SW	*	bo	*	*	19 <sup>th</sup>
"	Hernösand	29.37	-.19	41	41	-8	*	*	SSW	4	0	Z	*	bo	*	*	20 <sup>th</sup>
"	Stockholm	29.62	-.16	46	43	-6	*	*	SW	4	4	SW	*	c	*	*	21 <sup>st</sup>
"	Trisby	29.86	-.05	48	48	-9	*	*	W	4	4	W	*	cb	*	*	22 <sup>nd</sup>
"	Christiansund	28.99	-.63	45	41	0	*	*	ENE	2	4	SSE	*	bo	*	5	23 <sup>rd</sup>
"	Skudesneves	28.83	-.101	51	50	+2	*	*	S	10	10	SSW	*	+	*	8	24 <sup>th</sup>
"	Oso	29.21	-.68	53	52	+6	*	*	SSW	8	6	SW	*	cr	*	6	25 <sup>th</sup>
"	Skagen	29.41	-.49	57	50	0	*	*	SSW	8	4	SW	*	bo	-	*	26 <sup>th</sup>
"	Tanö	29.55	-.49	54	51	0	*	*	SW	8	6	WSW	*	bo	-	*	27 <sup>th</sup>
"	Lumburgh H.	28.40	-.14	47	47	0	47	44	ENE	8	9	SSW	10	+	0.85	8	28 <sup>th</sup>
"	Stornoway	28.86	-.70	41	40	-6	57	38	NW	11	11	NW	10	+	1.07	8	29 <sup>th</sup>
"	Shutso	28.39	-.122	49	49	+3	49	42	ENE	5	5	W	10	+	0.36	2	30 <sup>th</sup>
"	Wick	28.37	-.125	48	48	+1	50	43	W	2	4	NW	10	+	0.58	1	31 <sup>st</sup>
"	Hairn	28.45	-.123	47	45	+1	54	46	WNW	8	8	SSW	10	cr	0.29	5	
"	Aberdeen	28.38	-.140	50	47	+6	53	44	W	10	10	W	8	op	0.05	4	
22 <sup>nd</sup>	Haparanda	29.11	-.65	43	42	0	*	*	SE	4	2	SW	*	orf	*	*	
"	Hernösand	29.71	+ .34	45	44	+4	*	*	S	6	8	S	*	o	*	*	
"	Stockholm	29.24	-.38	45	42	-1	*	*	SSW	4	10	S	*	tb	*	*	
"	Trisby	29.42	-.44	48	46	0	*	*	W	6	6	SW	*	c	*	*	
"	Christiansund	29.51	-.48	48	46	+3	*	*	WNW	10	10	SW	*	to	*	5	
"	Skagen	28.73	-.68	45	43	-6	*	*	WSW	10	10	SW	*	tc	0.20	*	
"	Cuxhaven	29.20	-.59	47	45	+1	?	42	W	10	10	SW	8	+	0.45	*	
23 <sup>rd</sup>	Haparanda	28.69	-.42	42	42	-1	*	*	SW	4	4	W	*	+	*	*	
"	Hernösand	28.80	-.91	32	31	-13	*	*	?	6	2	S	*	cb	*	*	
"	Stockholm	?	?	35	35	-10	*	*	WNW	2	4	SSE	*	af	*	*	
"	Trisby	28.87	-.55	48	44	0	*	*	NW	6	10	S	*	+	*	*	
"	Christiansund	29.26	+ .75	46	41	-2	*	*	NW	6	10	NNW	*	tb	*	5	
"	Corunna	30.15	-.04	58	*	-1	*	*	N	6	*	*	*	pfo	*	5	
25 <sup>th</sup>	Marit Castle	29.99	-.16	57	57	+6	58	53	SW	6	6	SW	10	od	0.11	5	
26 <sup>th</sup>	Haparanda	29.41	-.61	44	42	+18	*	*	SW	6	8	S	*	o	*	*	
"	Hernösand	29.65	-.31	42	40	+9	*	*	W	2	8	S	*	tb	*	*	
"	Stockholm	29.85	-.23	49	46	+13	*	*	SW	4	6	S	*	ab	*	*	
"	Christiansund	29.66	+ .18	48	43	-2	*	*	SW	8	8	WSW	*	c	*	7	
"	Skudesneves	30.02	+ .35	50	46	-1	*	*	WSW	4	6	SSW	*	oc	*	5	
"	Oso	30.05	+ .09	46	45	-7	*	*	SW	2	8	SW	*	tb	*	3	



## 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.		Extreme.					
				Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
26 <sup>th</sup>	Skagen	30.08	+0.04	50	49	+1	*	*	NNW	4	10	SW	*	rc	0.32	*
"	Tanö	30.17	+0.08	51	50	0	"	"	SW	2	6	SW	*	rc	—	*
"	Cumhaven	30.26r	+0.02	52	50	+11	*	*	WSW	2	4	SSW	6	mo	—	*
"	Wick	29.90r	+0.66	45	43	-2	49	40	SW	2	6	W	5	bc	0.02	1
"	Hurst Castle	—	+0.18	—	—	0	—	—	—	—	—	—	—	—	—	—
"	Corunna	30.20	—	60	*	—	*	*	SW	3	*	*	*	o	*	1
27 <sup>th</sup>	Skagen	—	-0.17	—	—	+3	—	—	—	—	—	—	—	—	—	—
"	Tanö	—	-0.15	—	—	+4	—	—	—	—	—	—	—	—	—	—
"	Corunna	30.15	-0.05	?	*	?	*	*	W	6	*	*	*	o	*	1
28 <sup>th</sup>	Corunna	30.15	00	57	*	?	*	*	SW	3	*	*	*	po	*	1
29 <sup>th</sup>	Skagen	30.12	+0.01	47	46	-6	*	*	SW	2	2	NW	*	co	—	*
"	Tanö	30.15	+0.15	47	47	-3	*	*	E	2	2	E	*	c	—	*
2. CORRECTIONS																
1 <sup>st</sup>	Kingstown	—	—	—	—	—	—	—	—	—	5	—	—	—	—	—
2 <sup>nd</sup>	Holyhead	—	—	—	—	—	—	—	NE	—	—	—	—	—	—	—
3 <sup>rd</sup>	Stornoway	—	—	—	—	—	—	—	—	—	8	SSW	—	—	—	—
4 <sup>th</sup>	Summings H.	28.67r	+0.19	—	—	—	—	—	—	—	—	—	7	—	—	—
"	Thurso	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	Pembroke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
5 <sup>th</sup>	Roche P.	—	—	48	45	+4	54	45	—	—	—	—	—	—	—	—
"	Plymouth	—	—	48	47	—	—	—	—	—	—	—	—	—	—	—
6 <sup>th</sup>	Roche P.	—	—	—	—	—	—	47	—	—	—	—	—	—	—	—
"	Dover	30.00r	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7 <sup>th</sup>	Nottingham	—	—	52	50	+3	—	46	—	—	—	—	—	—	—	—
"	Holyhead	—	—	—	—	—	57	—	—	—	—	—	—	—	1.53	—
12 <sup>th</sup>	Thurso	—	—	—	—	—	—	—	N	—	—	—	8	—	—	—
8 <sup>th</sup>	Nottingham	—	—	—	—	-12	—	—	—	—	—	—	—	—	—	—
"	Hurst Castle	—	—	—	—	—	—	—	—	—	—	NNW	—	—	—	—
"	Cambridge	—	—	—	—	—	—	—	WSW	—	—	—	—	—	—	—
9 <sup>th</sup>	Stornoway	29.14f	-0.59	—	—	—	—	—	—	—	—	—	—	—	—	—
10 <sup>th</sup>	Stornoway	—	+0.41	—	—	—	—	—	—	—	—	—	—	—	—	—
12 <sup>th</sup>	Kingstown	29.99f	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13 <sup>th</sup>	Greencastle	—	—	—	—	—	—	—	—	—	—	—	—	+6	—	—
"	Liverpool	—	—	—	—	—	—	—	—	—	—	—	—	o.c	—	—
14 <sup>th</sup>	Thurso	—	—	—	—	—	—	—	S	—	—	—	—	—	—	—
"	Naion	—	—	—	—	—	—	—	Z	0	—	—	—	—	—	—
15 <sup>th</sup>	Scarborough	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
"	Scarborough	—	—	—	—	—	—	—	—	—	1	SE	—	—	—	—
"	Valencia	29.23f	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16 <sup>th</sup>	Scarborough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
17 <sup>th</sup>	Stornoway	—	—	—	—	—	—	—	—	—	10	—	—	—	—	—
18 <sup>th</sup>	Wick	—	—	—	—	—	59	—	—	—	—	—	—	—	—	—
19 <sup>th</sup>	Wick	29.47r	+0.01	—	—	—	56	—	—	—	—	—	—	—	—	—
20 <sup>th</sup>	Nottingham	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	—
21 <sup>st</sup>	Shields	—	—	—	—	—	—	45	—	—	—	—	—	—	—	—
"	Androssan	—	—	—	—	—	—	—	—	—	—	—	—	2p	—	—
"	Greencastle	—	—	—	—	—	—	—	—	—	9	—	—	—	—	—
"	Holyhead	—	—	—	—	—	—	—	—	—	9	—	—	—	—	—
"	Liverpool	29.28f	-0.86	—	—	—	—	—	—	—	—	—	—	—	—	—
"	Valencia	—	—	—	—	—	—	—	—	—	—	—	7	—	—	—
22 <sup>nd</sup>	Liverpool	—	+0.38	—	—	—	—	—	—	—	—	—	—	—	—	—
"	Plymouth	—	—	—	—	—	—	—	—	—	—	—	—	df	—	—
"	Dover	—	—	—	—	—	—	—	—	—	—	—	—	wb	—	—
24 <sup>th</sup>	Shields	—	—	—	—	—	—	—	—	—	3	W	—	—	—	—
"	Holyhead	—	—	—	—	—	—	—	—	—	3	NNW	—	—	—	—
"	Cambridge	30.16r	+0.26	—	—	—	—	—	—	—	—	—	—	—	—	—
25 <sup>th</sup>	Cambridge	—	-0.23	—	—	—	—	—	—	—	—	—	—	—	—	—
26 <sup>th</sup>	Greencastle	—	—	—	—	—	—	—	—	—	—	—	—	cb	—	—
28 <sup>th</sup>	Kingstown	—	—	—	—	—	—	—	—	3	—	—	—	—	—	—
29 <sup>th</sup>	Liverpool	—	—	—	—	—	—	—	NE	2	—	—	—	—	—	—
30 <sup>th</sup>	Stornoway	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
31 <sup>st</sup>	Plymouth	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—