

13804

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY 31ST DECEMBER.

1874.

Wednesday day 8 a.m.

WEATHER REPORT.

July 1st

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 ...	29.61	-.03	47	45	-8	*	*	NE	2	2	NE	*	o	*	*
Hernösand ...	29.54	-.02	57	56	0	*	*	NE	2	2	E	*	bo	*	*
Stockholm ...	29.62	+.01	58	53	-5	*	*	N	4	2	N	*	o	*	*
Visby ...	29.82	+.09	58	54	-4	*	*	N	4	4	N	*	c	*	*
Christiansund ...	29.66	+.13	56	51	+2	*	*	SE	4	2	NNN	*	bo	*	1
Skudesnaes ...	29.60	-.09	53	51	+1	*	*	E	4	4	N	*	fr	*	2
Oxö (X'tiansand) ...	29.65	-.01	51	51	-9	*	*	NNE	2	6	N	*	bo	*	2
Skagen (The Skaw) ...	29.69	.00	55	54	-3	*	*	NSN	4	*	*	*	o	*	*
Fanö ...	29.71	-.05	58	58	+2	*	*	SN	6	*	*	*	r	0.04	*
Cuxhaven ...	29.03f	+.10	62	60	+4	?	54	NSN	5	5	NNN	9	om	0.06	*
Samburgh Head ...															
Stornoway (Hebrides) ...	29.62r	-.15	57	55	+1	60	52	N	1	3	E	10	dg	0.02	2
Thurso ...	29.53f	-.22	58	55	+1	62	54	NSN	2	2	NSN	8	opg	0.05	2
Wick ...	29.58f	-.19	59	55	+3	60	53	N	4	4	N	6	oc	0.07	1
Nairn ...	29.63r	-.16	63	58	+7	64	55	N	2	2	N	6	oc	0.06	1
Aberdeen ...	29.65f	-.17	65	57	+8	65	56	N	2	3	N	2	ob	0.26	0
Leith ...	29.74r	-.11	62	59	+6	66	55	N	3	3	SE	5	opc	0.08	*
Shields ...	29.79r	-.10	61	57	+2	67	57	N	5	5	SN	9	o	0.23	1
York ...	29.88r	-.04	61	58	+2	68	57	S	1	2	S	10	o	0.14	*
Scarborough ...	29.85r	-.06	61	59	0	67	58	NSN	3	4	N	10	ro	0.21	3
Nottingham ...	29.95r	-.03	64	61	0	71	58	SN	4	5	SN	10	r	0.07	*
Ardrossan ...	29.76r	-.08	59	59	+1	62	56	SN	4	5	SN	9	co	0.26	3
Greencastle ...	29.45r	-.03	60	58	+4	64	56	N	4	4	N	9	po	0.21	*
Donaghadee ...	29.77r	-.05	62	60	+5	64	54	S	6	6	S	8	re	0.26	4
Kingstown ...	29.84r	-.03	61	58	0	69	60	SE	3	5	NSN	10	o	0.07	2
Holyhead ...	29.86r	-.04	58	57	+1	61	56	SN	2	5	SN	10	r	0.14	2
Liverpool (Bidston Obs.) ...	29.88r	-.04	60	58	0	66	56	SN	2	4	SN	10	st	0.16	3
Valencia ...	29.71f	-.11	61	60	+1	66	53	N	6	6	N	8	r	0.67	5
Roche's Point ...	29.79f	-.08	62	62	+1	69	57	SN	5	5	SN	10	r	0.62	5
Pembroke ...	29.90f	-.05	58	58	0	60	57	SN	7	7	SN	10	omr	0.34	5
Portishead ...	29.97f	-.02	61	61	-5	72	58	S	3	3	N	10	pr	0.15	1
Scilly ...	29.98f	-.07	61	59	0	67	58	SN	6	6	SN	8	fo	0.06	6
Plymouth ...	30.03f	-.01	58	58	-4	64	57	NSN	3	6	NSN	10	om	0.08	*
Hurst Castle ...	30.05f	.00	59	58	-7	67	58	SN	5	6	SN	10	om	0.01	5
Dover ...	30.07f	+.06	59	58	-5	66	58	NSN	4	5	NSN	10	cd	0.02	3
London ...	30.05r	+.03	62	60	-3	78	59	SN	2	4	SN	10	st	0.05	*
Oxford ...	30.00	-.01	61	60	-1	75	60	SN	2	5	SN	10	qm	0.05	*
Cambridge ...	30.00r	.00	61	59	0	76	59	SN	1	2	SN	10	ur	0.02	*
Yarmouth ...	29.97r	.00	63	60	+5	72	57	NSN	4	5	NSN	10	mo	-	2
Helder ...	29.94	+.08	62	*	+4	*	*	SN	7	*	*	*	*	*	4
Cape Gris Nez ...	30.08f	+.07	59	57	0	65	57	N	5	4	NSN	7	co	0.04	4
Brest ...	30.15f	.00	57	57	-2	63	54	SN	4	5	SN	10	of	-	4
L'Orient ...	?	?	58	58	-2	?	?	Z	0	4	NSN	9	o	-	2
Rochefort ...	30.15f	-.08	66	62	+4	70	60	SE	3	4	NNN	0	ab	-	3
Biarritz ...	30.12f	-.16	70	66	0	72	63	E	1	5	NE	2	cf	-	3
Corunna ...															
Brussels ...	30.10	+.16	64	*	+4	*	*	SN	6	*	*	*	o	*	*
Charleville ...	30.13	+.10	66	*	+7	*	*	SN	3	*	*	*	c	*	*
Paris ...	30.19r	+.07	62	*	0	76	60	SN	4	5	NSN	10	co	-	*
Lyons ...	?	?	70	*	+4	*	*	SE	3	*	*	*	bo	*	*
Toulon ...	30.28r	+.19	69	62	+3	73	61	E	3	5	NN	2	cf	-	3

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

	Bar.	Dry.	Wet.	Wind.	G.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	G.	Wea.	Sea.		
Skudesnaes ...	29.75	?	?	n	4	*	f	3	Valencia ...	29.83	64	62	n n n	5	7	c	5
Thurso ...	29.70	60	54	n	1	6	c	0	Scilly ...	30.04	66	63	s s n	5	7	c	5
Scarborough...	29.88	67	59	s	3	9	o	3	London ...	30.01	72	65	s n	4	8	e	*
Greencastle ...	29.68	62	61	s s n	2	10	r	*	Rochefort...	30.26	76g	764	n n n	1	10	o	3
Holyhead ...	29.85	59	58	s s n	4	10	r	2									

The barometer has risen slightly at Valencia and Rochefort but is still falling elsewhere most in the N.W. where rain still continues.

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.

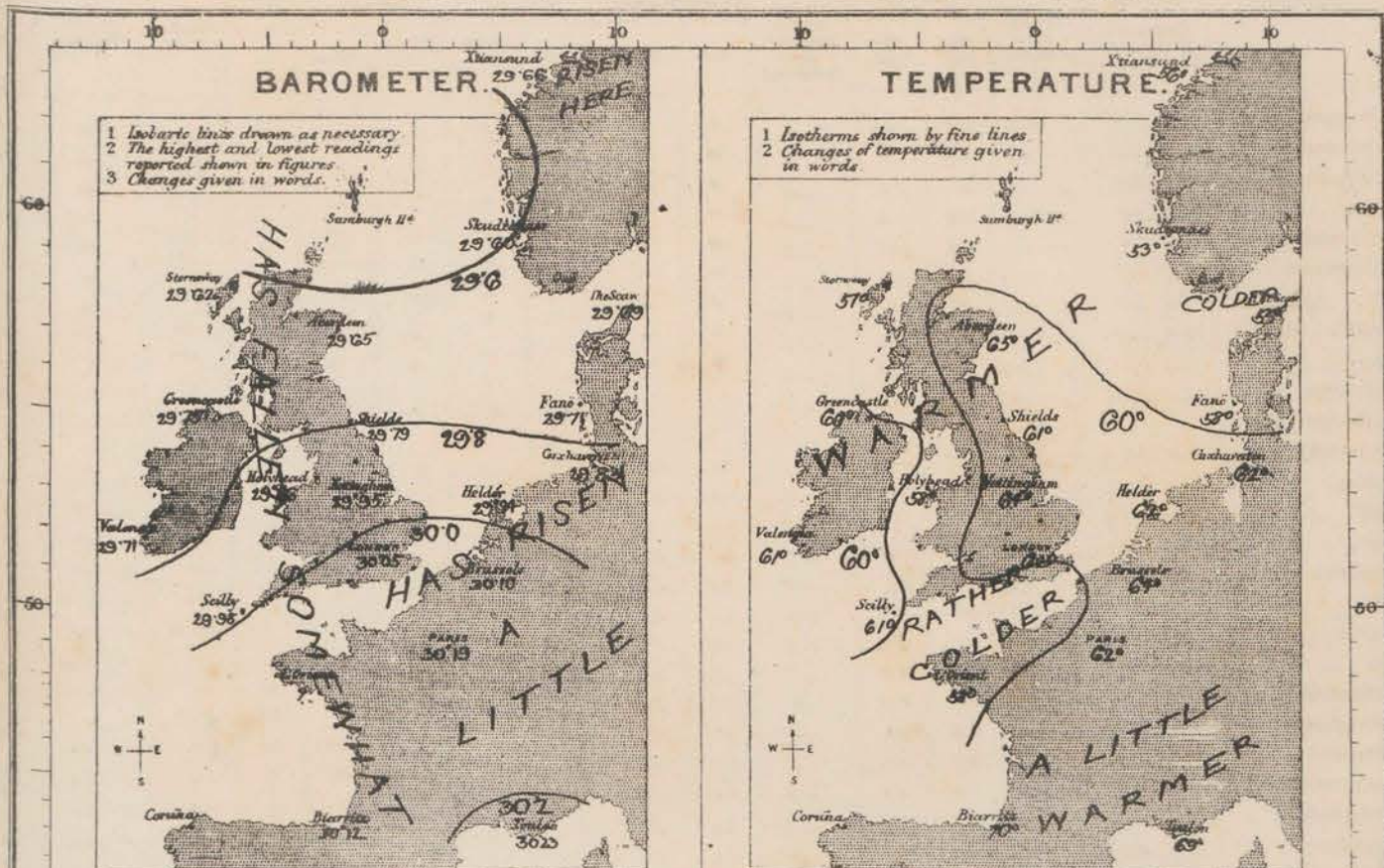
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

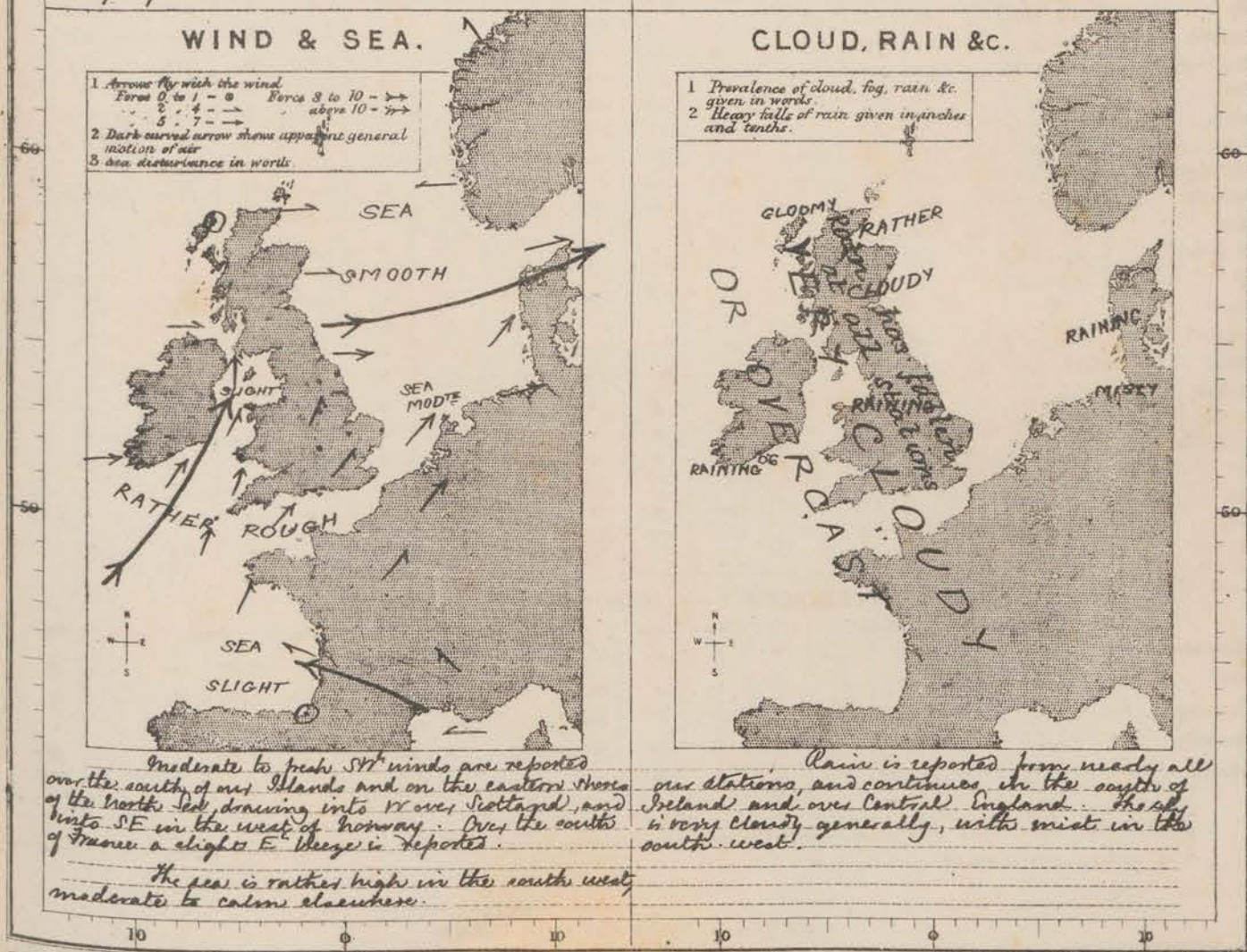
AND REMARKS FOR

WEDNESDAY | ST JULY 1874 AT 8 A.M.



Since yesterday the barometer has risen slightly in the south-east and over North Germany, while it has fallen at all the western and northern stations, excepting Christiansund. The lowest readings are now found over the north of Scotland, but during the night a squally sea set in everywhere, except in the south. The gradient from Bristol to Rock Point is 0.07 in per 50 miles.

Temperature has fallen in the south, but risen on our east coast and over the Netherlands.



Moderate to fresh SW winds are reported over the south of our Islands and on the eastern shores of the North Sea, blowing into W over Scotland, and into SE in the west of Norway. Over the south of France a slight E breeze is reported.

The sea is rather high in the south west, moderate to calm elsewhere.

Rain is reported from nearly all our stations, and continues in the south of Ireland and over Central England. The sky is very cloudy generally, with mist in the south-west.

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 Street, Westminster, S.W.
ROBERT H. SCOTT, Director.

Thurs-day 8 a.m.

WEATHER REPORT.

July 2nd

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 ...	29.63	+ .02	50	52	+6	*	*	NN	2	2	NN	*	b	*	*
Hernösand ...	29.75	+ .21	54	52	-3	*	*	SN	2	0	L	*	o	*	*
Stockholm ...	29.80	+ .18	62	56	+6	*	*	NNN	2	2	SN	*	ob	*	*
Wisby ...	29.97	+ .15	58	55	0	*	*	NN	2	6	SN	*	b	*	*
Christiansund ...	29.81	+ .15	55	53	-1	*	*	NNN	4	0	L	*	re	*	2
Skudesnaes ...	29.85	+ .25	57	54	+4	*	*	ESE	4	2	N	*	o	*	3
Örö (X'iansund) ...	29.89	+ .24	57	55	+6	*	*	SN	6	4	N	*	b	*	2
Skagen (The Skaw) ...	29.91	+ .22	57	55	+2	*	*	N	4	*	*	*	b	-	*
Fanö ...	30.00	+ .29	61	59	+3	*	*	SN	4	*	*	*	o	-	*
Cuxhaven ...	30.06	+ .23	63	62	+1	?	58	NNN	2	6	N	4	ob	0.01	*
Samburgh Head ...															
Stornoway (Hebrides) ...	29.44	- .18	57	56	0	65	55	SSN	6	6	SSN	10	rd	0.65	7
Thurso ...	29.46	- .07	62	60	+4	63	53	SEE	1	2	SE	8	og	0.16	1
Wick ...	29.50	- .08	60	57	+1	64	53	S	3	3	S	10	o	0.11	2
Nairn ...	29.52	- .11	63	59	0	70	59	N	3	3	N	4	oc	0.23	1
Aberdeen ...	29.64	- .01	61	58	-4	69	56	S	3	3	S	4	c	0.13	1
Leith ...	29.65	- .09	63	60	+1	70	58	SN	3	3	SN	7	pa	0.06	*
Shields ...	29.74	- .05	64	64	+3	66	57	S	3	5	SN	8	o	-	1
York ...	29.85	- .03	62	60	+1	68	54	SSN	1	2	S	9	o	-	*
Scarborough ...	29.81	- .04	65	63	+4	69	55	SSN	4	5	SN	5	oc	-	3
Nottingham ...	29.86	- .09	69	65	+5	?	56	SEE	1	4	SSN	9	rw	0.03	*
Ardrossan ...	29.62	- .14	59	59	0	65	58	SE	5	6	S	9	co	0.31	4
Greencastle ...	29.51	- .24	61	59	+1	63	59	S	6	6	S	9	no	0.23	*
Donaghadee ...	29.59	- .18	58	58	-4	62	54	S	7	7	S	10	do	0.05	5
Kingstown ...	29.65	- .19	61	59	0	69	60	SEE	4	5	SEE	10	rd	0.05	3
Holyhead ...	29.73	- .13	60	59	+2	61	57	SSN	4	6	SSN	7	rm	0.34	3
Liverpool (Bidston Obs.) ...	29.75	- .13	63	60	+3	65	56	SE	3	5	SSN	8	o	0.08	3
Valencia ...	29.61	- .10	61	59	0	66	53	SN	5	7	SN	6	no	1.16	5
Roche's Point ...	29.69	- .10	60	59	-2	64	57	SSN	6	7	SSN	8	ro	0.58	5
Pembroke ...	29.77	- .13	58	57	0	59	56	S	4	6	SSN	8	no	0.06	5
Portishead ...	29.83	- .14	67	64	+6	71	53	SSN	2	4	N	7	ow	0.05	1
Scilly ...	29.80	- .18	61	60	0	67	57	S	6	6	SSN	9	o	0.01	6
Plymouth ...	29.89	- .14	58	58	0	62	56	S	2	3	S	10	mf	-	*
Hurst Castle ...	29.90	- .15	65	63	+6	67	58	S	3	4	SN	7	oc	0.01	3
Dover ...	29.96	- .11	70	64	+11	71	55	SN	3	4	SN	4	be	-	3
London ...	29.91	- .14	71	65	+9	78	52	S	3	3	SN	10	ob	0.03	*
Oxford ...	29.87	- .13	66	63	+5	71	54	SE	1	5	SN	10	o	-	*
Cambridge ...	29.89	- .11	70	54	+9	70	53	S	1	2	SN	9	du	0.02	*
Yarmouth ...	29.97	00	61	60	-2	68	56	S	3	4	NNN	4	oc	-	2
Helder ...	30.03	+ .09	66	*	+4	*	*	SN	4	*	*	*	*	*	2
Cape Gris Nez ...	29.96	- .12	73	66	+14	?	57	S	3	4	SN	2	ob	-	2
Brest ...	29.99	- .16	58	58	+1	66	56	SSN	4	5	S	10	f	-	6
L'Orient ...	?	?	62	62	+4	?	?	N	1	3	SE	10	b	-	2
Rochefort ...	30.00	- .15	70	65	+4	87	64	SSN	3	3	SE	7	bc	-	3
Biarritz ...	30.01	- .11	70	68	0	96	70	SN	5	3	E	6	c	-	4
Corunna ...															
Brussels ...	30.04	- .06	77	*	+13	*	*	NNN	1	*	*	*	b	*	*
Charleville ...	30.14	+ .01	71	*	+5	*	*	SE	1	*	*	*	b	*	*
Paris ...															*
Lyons ...	?	?	73	*	+3	*	*	E	3	*	*	*	b	*	*
Toulon ...	30.23	00	61	61	-8	73	60	?	4	4	SE	5	f	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.71	58	53	nnn	4	*	o	3	Valencia ...	29.71	62	61	sn	7	9	r	6
Thurso ...	29.65	61	56	n	1	3	6	1	Scilly ...	29.99	65	62	ssn	6	8	o	6
Scarborough...	29.86	68	62	sn	3	7	d	2	London ...	30.05	65	61	nnn	3	10	ro	*
Greencastle ...	29.69	61	60	se	4	10	r	*	Rochefort...	30.09	74	71	se	1	o	b	0
Holyhead ...	29.84	59	58	ssn	4	10	r	3									

The barometer has risen slightly at Thurso but has fallen at Greencastle and Rochefort and is almost unchanged elsewhere. At our Irish stations the wind has "backed" a little. Rain continues to fall in the N. but has ceased 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.

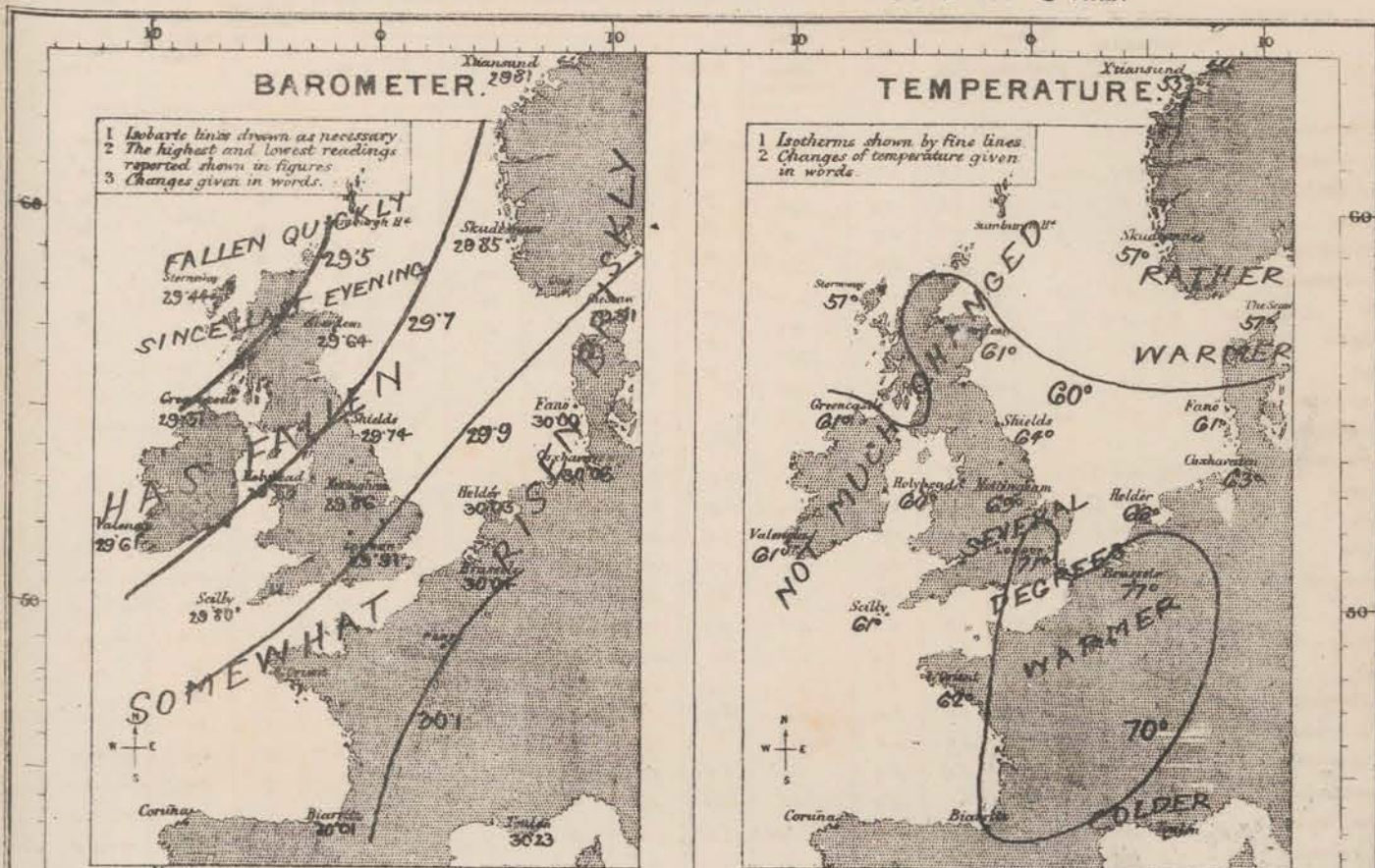
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

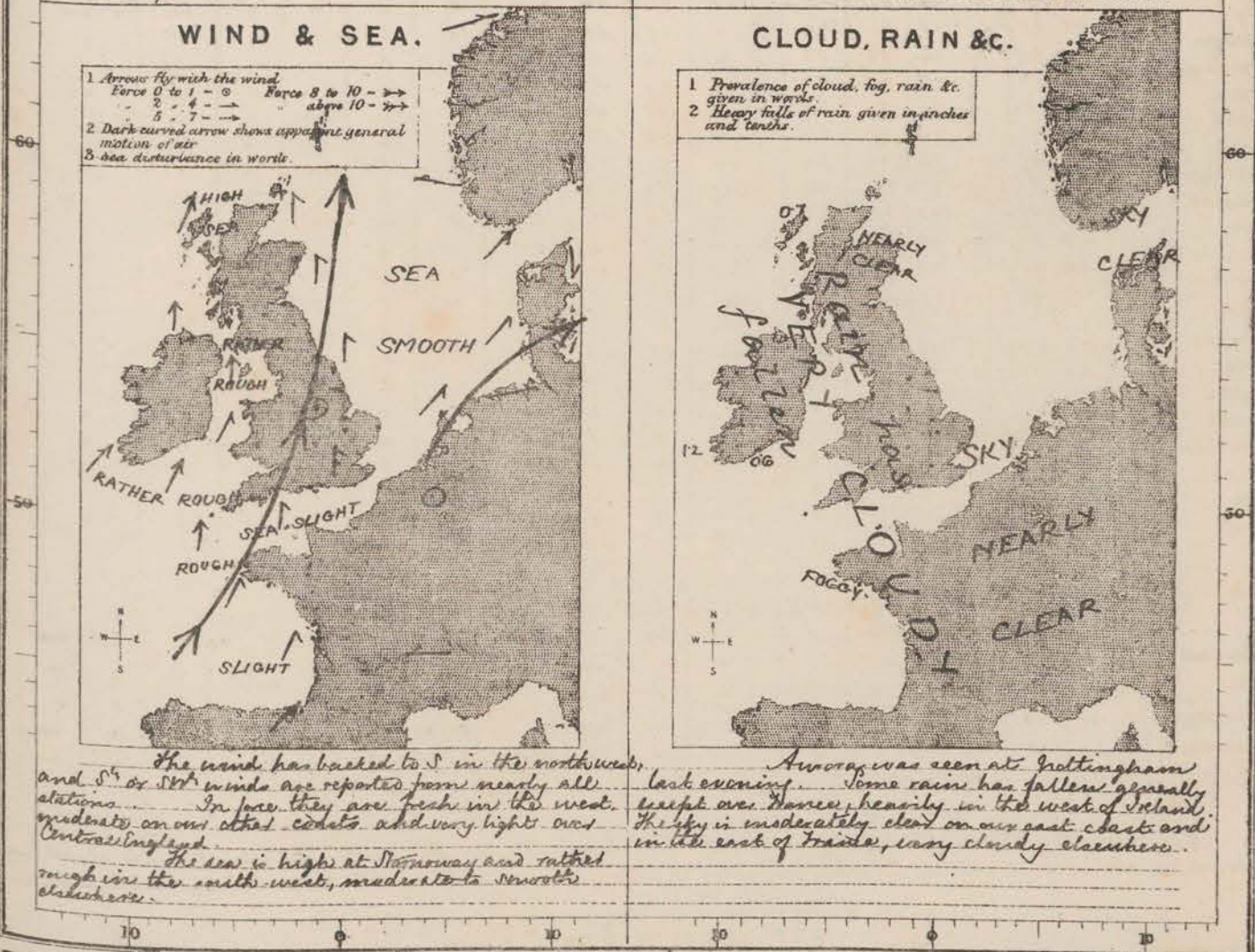
AND REMARKS FOR

THURSDAY 2ND JULY 1874 AT 8 A.M.



The mercury has fallen over our Islands and France, while it has risen on the eastern shores of the North Sea. The rise reported from the north of Scotland yesterday was very brief and the barometer has fallen markedly during the night. The lowest readings are found in the north-west of Scotland, and the gradient from Yarmouth to Stornoway is 0.06 in per 30 miles.

Temperature has risen generally, especially at our south-eastern stations, where a good hot air has set in during the morning.



The wind has backed to S in the north-west, and S or SE winds are reported from nearly all stations. In force they are fresh in the west, moderate on our other coasts and very light over Central England. The sea is high at Stornoway and rather rough in the south-west, moderate to smooth elsewhere.

Aurora was seen at Nottingham last evening. Some rain has fallen generally except over France, heavily in the west of Ireland. The sky is moderately clear on our east coast and in the east of France, very cloudy elsewhere.

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

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

Dangerfield, Lith. 22, Bedford St. Covent Garden

Fri-day 8 a.m.

WEATHER REPORT.

July 3rd 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 ...	29.98	+ .18	70	63	+ 8	*	*	SSW	4	2	SSW	*	cb	*	*
Wisby ...	30.17	+ .20	63	60	+ 5	*	*	W	4	4	SW	*	b	*	*
Christiansund...	29.57	- .24	58	55	+ 1	*	*	W	2	4	ESE	*	co	*	2
Skudesnaes ...	29.69	- .16	60	58	+ 3	*	*	S	6	6	SSE	*	o	*	4
Oxö (X'tiansand)	29.76	- .13	61	59	+ 4	*	*	S	4	2	S	*	rc	*	3
Skagen (The Skaw)	29.85	- .06	63	62	+ 6	*	*	S	4	*	*	*	c	-	*
Fanö ...	29.88	- .12	66	64	+ 5	*	*	SSW	4	*	*	*	c	0.28	*
Cuxhaven ...	29.99f	- .07	70	67	+ 7	86	?	NSW	2	2	E	9	bt	0.04	*
Sumburgh Head															
Sornoway (Hebrides)	29.32f	- .12	58	54	- 1	65	52	S	7	7	SW	10	dw	0.10	7
Thurso ...	29.40r	- .06	61	58	- 1	69	53	SSW	3	5	S	5	ga	0.07	2
Wick ...	29.44f	- .06	61	58	+ 1	65	54	S	3	4	S	3	ctb	-	2
Nairn ...	29.46s	- .06	64	57	+ 1	69	57	SW	2	3	W	5	be	0.07	1
Aberdeen ...	29.54s	- .10	62	57	+ 1	67	55	S	3	3	S	4	e	-	1
Leith ...	29.60r	- .05	63	60	0	69	57	SW	4	4	SW	4	e	-	*
Shields ...	29.73r	- .01	64	56	0	75	59	SW	5	5	SW	6	e	-	1
York ...	29.81r	- .04	65	58	+ 3	80	56	NSW	4	1	S	3	cb	-	*
Scarborough ...	29.79r	- .02	65	59	0	75	56	SW	4	5	SW	1	b	-	3
Nottingham ...	29.91r	+ .05	66	61	- 3	83	57	SSW	5	6	SW	8	co	-	*
Ardrossan ...	29.57r	- .05	59	58	0	65	57	SE	6	7	SE	8	go	0.12	4
Greencastle ...	29.49r	- .02	59	56	- 2	67	58	SSW	7	7	SSW	9	o	0.02	*
Donaghadee ...	29.57r	- .02	61	59	+ 3	63	55	S	6	7	S	6	oe	-	4
Kingstown ...	29.69r	+ .04	62	55	+ 1	72	60	SSW	4	6	SSE	5	e	0.02	2
Holyhead ...	29.73r	0.0	60	58	0	63	56	SSW	4	6	SSW	4	ow	0.11	2
Liverpool (Bidston Obs.)	29.79r	+ .04	63	58	0	76	57	SW	3	6	SSW	8	o	0.14	4
Valencia ...	29.75r	+ .14	59	55	- 2	66	53	SW	6	7	W	6	pe	0.05	5
Roche's Point...	? 29.80r	+ .11	60	57	0	63	55	SW	6	7	SSW	8	o	0.08	5
Pembroke ...	29.87r	+ .10	60	57	+ 2	62	57	SW	5	7	S	6	oe	0.18	5
Portishead ...	29.94r	+ .11	66	60	- 1	77	55	W	4	5	NSW	7	oe	-	3
Scilly ...	29.96r	+ .16	61	59	0	67	58	SSW	6	6	SSW	6	oe	0.17	6
Plymouth ...	29.99r	+ .10	61	60	+ 3	66	58	NSW	5	5	NSW	10	ot	0.07	*
Hurst Castle ...	30.03r	+ .13	62	60	- 3	71	59	SW	5	5	SW	7	em	0.01	5
Dover ...	30.06r	+ .10	65	61	- 5	74	60	NSW	3	1	SW	3	b	-	3
London ...	30.03r	+ .12	66	59	- 5	87	57	NSW	6	6	NSW	7	gc	-	*
Oxford...	29.96	+ .09	65	58	- 1	82	57	SW	3	6	SSW	8	o	0.03	*
Cambridge ...	29.97r	+ .08	65	58	- 5	87	56	S	2	2	S	6	be	-	*
Yarmouth ...	30.00r	+ .03	64	59	+ 3	73	60	NSW	4	4	S	4	btg	-	2
Helder ...	29.99	- .04	64	*	- 2	*	*	NSW	6	*	*	*	*	*	2
Cape Gris Nez...	30.07r	+ .11	59	57	- 14	91	58	SSW	3	3	SW	9	o	0.04	3
Brest ...	30.10r	+ .11	60	58	+ 2	64	54	NSW	5	5	NSW	6	mg	-	5
L'Orient ...	?	?	63	61	+ 1	?	?	NSW	4	5	W	3	oe	-	5
Rocheport ...	30.18r	+ .18	66	62	- 4	?	62	W	3	4	W	10	co	-	3
Biarritz ...	30.20r	+ .19	68	64	- 2	70	61	Z	0	4	W	4	of	-	5
Corunna ...						*	*				*	*		*	*
Brussels ...	30.08	+ .04	71	*	- 6	*	*	SE	4	*	*	*	e	*	*
Charleville ...	? 30.12	- .02	75	*	+ 4	*	*	SW	1	*	*	*	b	*	*
Paris ...	30.15r	+ .11	68	*	- 7	96	66	? W	4	7	S	8	fc	-	*
Lyons ...	?	?	74	*	+ 1	*	*	SE	1	*	*	*	b	*	*
Toulon...	30.26r	+ .03	74	61	+ 13	78	60	Z	0	1	E	?	fb	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.81	61	58	SSW	6	*	4	Valencia ...	29.55	63	58	SW	7	7	c	6
Thurso ...	29.32	67	61	SSW	3	7	2	Scilly ...	29.81	63	62	SSW	6	8	m	6
Scarborough...	29.70	72	68	SSW	4	3	3	London ...	29.87	79	70	S	3	7	c	*
Greencastle ..	29.47	66	61	SW	4	9	*	Rocheport...	30.01	78.4	71	S	3	4	c	3
Holyhead ...	29.68	60	59	SSW	5	10	5									

The barometer continues to fall at all stations except Scilly and Rocheport, most in the N. The wind has been a little in the W. and freshened 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.

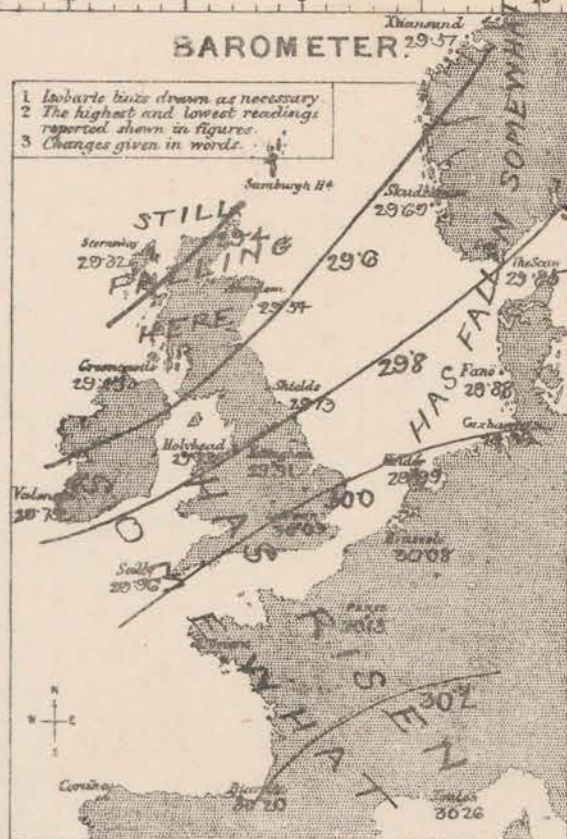
WEATHER CHARTS

AND REMARKS FOR

FRIDAY 3RD JULY 1874 AT 8 A.M.

BAROMETER.

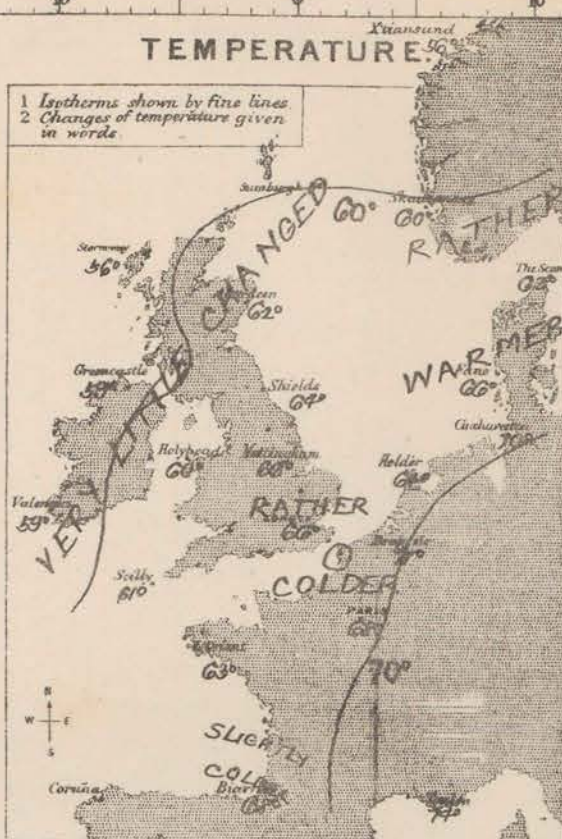
- 1 Isobars have been drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



The rise of the mercury reported from the south-west yesterday has continued and extended to all parts of our Islands (except the extreme north of Scotland) during the night. The barometer has fallen again over Norway, while it has risen at the Swedish stations. The highest readings are over France and the gradient for SW winds is getting steeper over our Islands, that from Plymouth to Greenhead being 0.19 in 100 miles.

TEMPERATURE.

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



Temperature has fallen again in the south-east, but is very little changed elsewhere.

WIND & SEA.

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

Satur - day 8 a.m.

WEATHER REPORT.

July 4th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distances — 0 to 100.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. — (0 to 12.)	Force. — (0 to 12.)					Dirce.
Haparanda ...	29.56	?	53	52	?	*	*	S	6	4	S	*	oe	*	*
Hernösand ...	29.72	?	66	58	?	*	*	SN	2	6	S	*	cb	*	*
Stockholm ...	29.92	-.06	67	58	-.3	*	*	SN	4	4	SSW	*	c	*	*
Wisby ...	30.11	-.06	65	60	-.5	*	*	N	4	6	SN	*	c	*	*
Christiansund ...	29.59	+.02	61	54	+.5	*	*	S	4	2	SSW	*	bc	*	1
Skudesnaes ...	29.75	+.06	59	55	-.1	*	*	SSW	6	6	S	*	o	*	4
Oxö (Christiansund) ...	29.85	+.09	57	57	-.4	*	*	SSW	4	6	SN	*	c	*	3
Skagen (The Skaw) ...	29.92	+.07	60	58	-.3	*	*	SSW	4	*	*	*	b	-	*
Fanö ...	29.99	+.11	66	61	0	*	*	SN	4	*	*	*	b	-	*
Cuxhaven ...	30.06	+.07	66	61	-.4	73	?	SSW	1	3	N	7	ro	0.10	*
Samburgh Head ...															
Stornoway (Hobridges) ...	29.44	+.12	55	54	-.1	63	52	SSW	7	8	S	9	p	0.16	7
Thurso ...	29.42	+.02	57	53	-.4	68	55	S	3	5	SSW	8	ag	0.05	2
Wick ...	29.47	+.03	57	54	-.4	66	54	SN	3	4	SN	8	o	-	2
Nairn ...	29.48	+.02	58	52	-.6	68	54	NSW	2	3	SN	6	bc	0.03	1
Aberdeen ...	29.57	+.03	59	54	-.3	66	54	SSW	6	6	SSW	7	pe	0.08	2
Leith ...	29.66	+.06	60	56	-.3	71	55	NSW	5	5	SN	5	pe	0.03	*
Shields ...	29.74	+.01	62	54	-.2	71	57	SN	6	7	SN	2	eqb	-	1
York ...	29.89	+.08	63	56	-.2	73	53	SSW	4	4	S	5	e	0.01	*
Scarborough ...	29.87	+.08	61	56	-.4	71	53	SN	4	6	SN	8	to	-	4
Nottingham ...	29.97	+.06	64	59	-.2	74	54	SN	5	7	SSW	3	o	-	*
Ardrossan ...	29.65	+.08	56	53	-.3	65	55	SSE	6	7	S	9	qo	0.40	4
Greencastle ...	29.63	+.14	55	53	-.4	63	55	N	7	8	SSW	10	ag	0.20	*
Donaghadee ...	29.70	+.13	56	54	-.5	65	53	SN	7	7	SN	6	pe	0.10	6
Kingstown ...	29.83	+.14	59	52	-.3	69	56	SSW	5	7	SN	4	e	0.05	3
Holyhead ...	29.86	+.13	58	55	-.2	65	55	SSW	5	6	SSW	3	mt	-	4
Liverpool (Bidston Obs.) ...	29.89	+.10	60	53	-.3	68	54	SN	4	7	SN	3	cb	0.04	4
Valencia ...	29.91	+.26	58	54	-.1	64	52	N	5	6	SN	6	pe	0.02	5
Roche's Point ...	29.92	+.22	58	54	-.2	65	54	N	6	7	NSW	8	cp	0.04	5
Pembroke ...	29.98	+.11	58	55	-.2	63	55	NSW	4	6	SN	3	c	0.02	4
Portishead ...	30.03	+.09	64	57	-.2	74	53	NSW	6	6	N	8	ag	-	3
Scilly ...	30.09	+.13	60	57	-.1	68	56	NSW	6	6	SSW	6	c	0.03	6
Plymouth ...	30.09	+.10	62	59	+.1	66	57	NSW	5	6	NSW	5	oe	-	*
Hurst Castle ...	30.11	+.08	63	59	+.1	68	58	SN	5	6	SN	7	c	-	5
Dover ...	30.12	+.06	64	60	-.1	68	58	NSW	4	4	SN	5	bc	-	3
London ...	30.09	+.06	64	57	-.2	75	55	SN	2	7	NSW	6	c	-	*
Oxford ...	30.04	+.08	63	56	-.2	73	55	SN	3	7	SN	7	a	-	*
Cambridge ...	30.04	+.07	63	56	-.2	76	53	SN	3	4	SN	3	c	-	*
Yarmouth ...	30.05	+.05	62	57	-.2	75	55	NSW	4	5	SN	2	qb	-	2
Helder ...	30.07	+.08	63	*	-.1	*	*	SN	6	*	*	*	*	-	2
Cape Gris Nez ...	30.13	+.06	60	56	+.1	68	58	NSW	4	3	NSW	8	co	-	3
Brest ...	30.21	+.11	59	57	-.1	64	57	SN	4	5	NSW	4	f	-	5
L'Orient ...	?	?	62	60	-.1	?	?	NSW	4	5	NSW	6	c	-	5
Rochefort ...	30.26	+.08	64	59	-.2	66	60	NW	1	5	NW	6	bc	-	3
Biarritz ...	30.28	+.08	66	64	-.2	71	64	N	3	5	N	9	co	-	5
Corunna ...				*		*	*		*	*	*	*	*	-	*
Brussels ...	30.20	+.12	67	*	-.4	*	*	SN	3	*	*	*	c	-	*
Charleville ...	30.16	+.04	66	*	-.9	*	*	NE	3	*	*	*	b	-	*
Paris ...	30.23	+.08	69	*	+.1	83	59	N	4	5	NSW	0	cb	-	*
Lyons ...	?	?	77	*	+.3	*	*	N	3	*	*	*	b	-	*
Toulon ...	30.19	-.07	72	59	-.2	86	69	NE	1	3	N	?	e-	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.
Skudesnaes ...	29.77	61	58	S	6	*	C	4	Valencia ...	29.71	62	57	SN	6	6
Thurso ...	29.36	68	58	SSW	5	6	e	3	Scilly ...	29.99	67	63	SSW	6	6
Scarborough ...	29.81	70	60	SN	6	4	e	4	London ...	30.04	70	61	SN	6	8
Greencastle ...	29.53	58	56	NSW	7	9	q	*	Rochefort ...	30.21	72	65	NW	4	0
Holyhead ...	29.78	64	60	SSW	6	6	m	4							

The barometer continues to rise slowly except in the extreme N. of Scotland. The winds are almost unaltered in direction but have increased a little on our E. coast.

EXPLANATION OF COLUMNS.

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

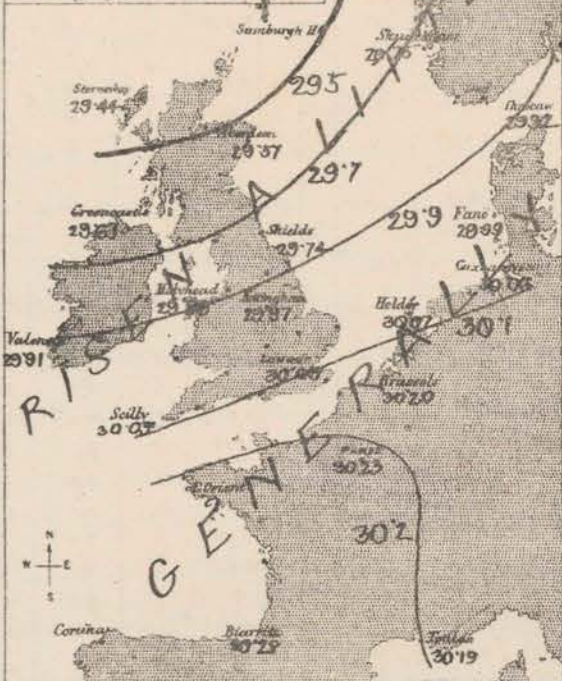
WEATHER CHARTS

AND REMARKS FOR

SATURDAY 4TH JULY 1874 AT 8 A.M.

BAROMETER.

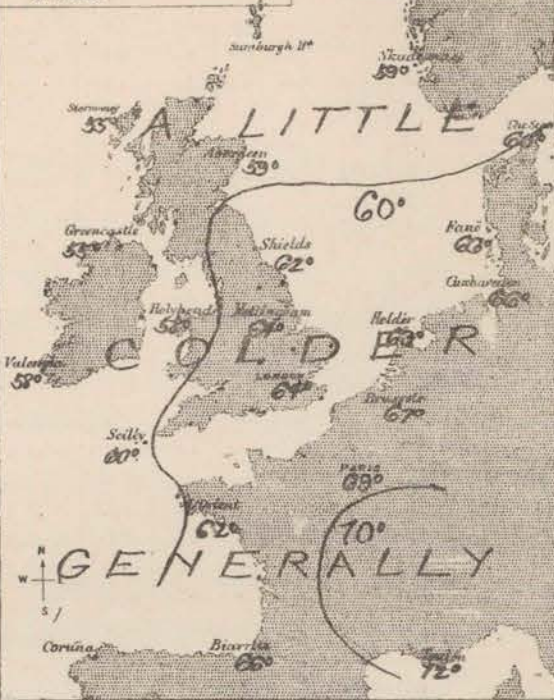
- 1 Isobars line drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



The barometer has continued to rise over France and the north of our Islands and the increase has extended to the north of Scotland, and the eastern shores of the North Sea during the night. The lowest readings are still found over the north of Scotland, and the gradient from Dover to Leths is 0.07 in per 50 miles.

TEMPERATURE.

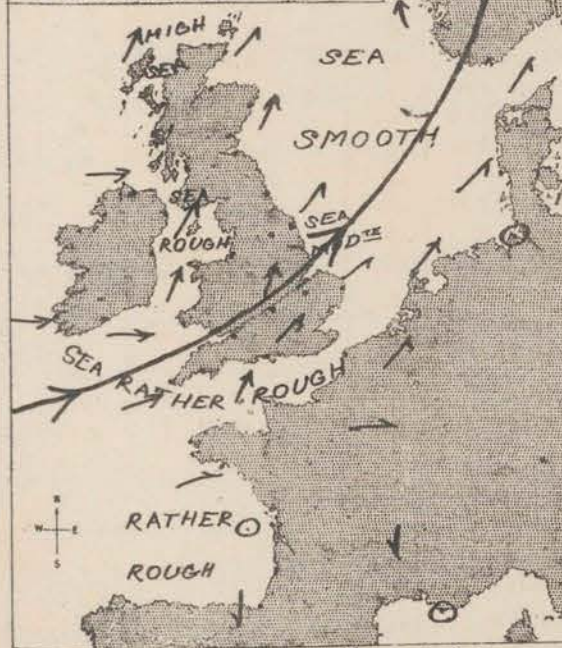
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen slightly generally and is very uniform. The extremes over Central England yesterday were considerably lower than those of the previous day.

WIND & SEA.

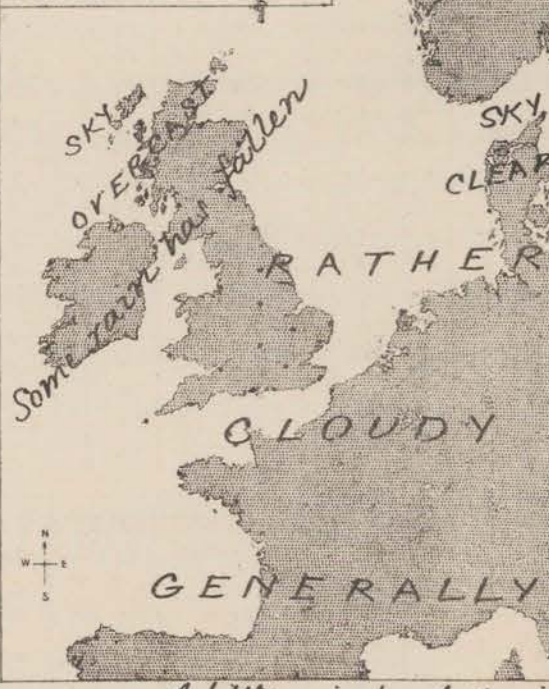
- 1 Arrows fly with the wind. Force 0 to 1 - ○ Force 2 to 4 - ○ Force 5 to 7 - ○ Force 8 to 10 - ○ Force above 10 - ○
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



During yesterday the wind increased from the SW at a few stations, and this morning fresh SW winds are reported from nearly all coasts. On the south of Ireland it has veered to W, while at Chatham and it has backed to the SW and in the S of France a slight N. current is experienced. The sea continues high at Stornoway and rather rough in the west and south.

CLOUD, RAIN & C.

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



A little mist has fallen in the north and west. The sky is moderately clear generally, but overcast in the north of Scotland.

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

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

SUMMARY OF WEATHER IN WESTERN EUROPE

from JUNE 28TH to JULY 4TH 1874.

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

During all the early part of the week thunderstorms prevailed and small local depressions passed over our Islands, the winds being very variable, but on the 2ND the barometer began to fall in the N. of our Islands and a large depression appeared to be advancing slowly to our NW coasts. These conditions lasted to the close of the week, the winds being S^W or SW^W at all stations and blowing fresh to strong in some places. Temperature has changed very little with the exception of the brisk rise in the SE. on the 2ND. Rain has fallen in the N. and W. and some showers have been felt in many other parts of the country.

JUNE 28TH - The barometer had risen slowly except over Scandinavia and the S. of France, pressure was lowest in the SE. but readings were extremely uniform over NW Europe. Light N^E breezes continued general over our Islands drawing into NW. and freshening to a gale over the Bay of Biscay, while a light S^E current was experienced on the E. shores of the North Sea. The changes in temperature had been very small and irregular but on our N. and E. coasts a slight rise was reported. Thunder had occurred in the S. of France and lightning at Hurst Castle. The sky was nearly clear in the W. and N. cloudy elsewhere and rain was falling at most of the French stations.

JUNE 29TH - The low pressure which lay over the Netherlands yesterday had disappeared and the mercury had recovered briskly in the S. and SE. During the night, however, the barometer had begun to fall again in the SW. and a shallow depression had advanced to the S. of Ireland. The wind had backed to SW. over the Bay of Biscay and in the S. of our Islands but was very variable in the N., and in the SW. it was affected by the depression noticed above. Over Denmark NW^E winds prevailed, and temperature had fallen a few degrees in that country while it had risen generally elsewhere. Some rain had fallen in the S. and SE. and thunder had occurred over central England. By the afternoon the barometer was rising again in the SW. but falling on our E. coast. A heavy thunderstorm passed over Wiltshire in the afternoon and thunder was heard at nearly all the Scotch stations during the day.

JUNE 30TH - The rise noticed at Valencien yesterday had been very slight and the barometer at 8 o'clock was falling at all our NW. and N. stations while over France and the S. and SE. of England the increase still continued. Gradients across the North Sea were very slight and that from Brest to Copenhagen was only 0.055 in. per 50 miles. Moderate S^E or SW^W winds prevailed at our N. stations but from all other coasts N^E breezes were reported. In force they were very light in the E. and N. of these Islands but blew fresh in the S. of Norway. Temperature had fallen a few degrees in the N. and E. but risen elsewhere. The sky was overcast or very cloudy except in the SE. of England. Rain was falling in the NW. and continued there all day.

JULY 1ST - A further fall of the barometer had taken place in the N. and W. but at our SE. stations and also at St. Petersburg a slight rise was again reported. The decrease had been greatest in the extreme N. of Scotland but gradients were steepest over the S. of our Islands, where moderate to fresh SW^W winds prevailed drawing

into N. over Scotland and into SE. over the N. of Norway. In the S. of France a light E^{ly} breeze was experienced. Temperature had fallen in the S. but risen on our E. coast and over the Netherlands. Rain had fallen at nearly all stations and continued in the S. of Ireland and over central England. The sky was cloudy generally with mist or fog at some stations. In the afternoon the mercury was rising again at Shusso and falling over France. Aurora was seen at Nottingham in the evening.

JULY 2nd - The rise in the N. had been very brief and the mercury at 8 a.m. had fallen at all ^{but} the stations to the E. of these Islands. The lowest readings were found in the extreme NW. and the gradient from Stromway to Yarmouth was 0.06 in. per 50 mls. The wind had backed to S. and blew freely at most of our Nth stations, and light to moderate S^{ly} or SW^{ly} winds were experienced on all coasts. A very hot S^{ly} air had set in in the SE. during the morning and temperature rose several degrees there, reaching nearly 90° in the S. of England and 91° at C. Gris Nez during the day. Some rain had fallen, except in the S., and heavily in the N. of Ireland. The sky was moderately clear on our E. coast and in the E. of France cloudy or overcast elsewhere. By two p.m. a slight recovery had taken place in the SW.

JULY 3rd - The rise reported from the SW. had continued, and extended to all stations (except the extreme N. of Scotland) during the night, while the fall noticed yesterday had extended to the Norwegian stations. The highest readings were found over France and the gradient from Plymouth to St. Hansund was 0.10 in. per 50 miles. The wind continued S^{ly} or SW^{ly} over our Islands and the North Sea, blowing strongly at our Nth stations while in the S. of France calms were reported. Temperature had fallen again in the SE. but elsewhere very little change had occurred. Thunder was reported from Aushaven and during the night lightning had occurred at Yarmouth. A little rain had fallen in the N. but at 8 o'clock the sky was moderately clear generally. During the day the mercury continued to rise except in the extreme N. -

JULY 4th - The rise had still continued at the Sth stations and the increase had extended by 8 a.m. to the N. of Scotland and the E. shores of the North Sea. The lowest pressure was, however, still found to the N. of Scotland, and the gradient from Dover to Seith was 0.07 in. per 50 mls. The SW^{ly} wind had blown strongly during the night, at some stations and continued fresh from the same quarter at all places excepting the SW. of France where a slight N^{ly} breeze was reported. Temperature had fallen somewhat and was very uniform over Nth Europe. A little rain had fallen in the NW. but the sky was clear generally except in the extreme N. of these Islands. By two p.m. the mercury was falling again at Shusso. -

Sunday 8 a.m.

WEATHER REPORT.

July 5th 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 ...	29.60	+ .06	55	51	+2	*	*	S	2	2	SN	*	bc	*	*
Hernösand ...	29.62	- .10	63	57	-3	*	*	SN	2	6	SN	*	cb	*	*
Stockholm ...	29.84	- .08	62	54	-5	*	*	SN	6	4	SN	*	c	*	*
Wisby ...	30.06	- .05	59	56	-6	*	*	N	4	8	SN	*	cb	*	*
Christiansund...	29.58	- .01	53	51	-2	*	*	Z	0	0	Z	*	cr	*	1
Skudesnaes ...	29.70	- .05	55	54	-4	*	*	SSW	6	6	S	*	o	*	4
Oxö (X'tiansand)	29.80	- .05	58	56	+1	*	*	SN	4	4	SN	*	a	*	3
Skagen (The Skaw)	29.88	- .04	60	57	0	*	*	NSW	4	*	*	*	b	0.20	*
Fanö ...	30.00	+ .01	65	59	-1	*	*	NSW	4	*	*	*	b	-	*
Cuxhaven ...	30.07 f	+ .01	62	60	-3	70	?	NSW	3	2	N	5	a	-	*
Sumburgh Head															
Stornoway (Hebrides)	29.87 r	+ .43	51	50	-4	58	49	NNW	4	7	SSW	9	fo	0.15	4
Thurso...	29.75 r	+ .33	52	50	-5	64	51	N	3	5	NSW	8	cg	0.11	3
Wick ...	29.80 r	+ .33	53	50	-4	60	50	NN	5	6	NN	6	co	0.08	2
Nairn ...	29.86 r	+ .38	55	52	-3	65	54	NSW	4	4	NSW	7	e	0.03	1
Aberdeen ...	29.84 r	+ .27	60	54	+1	63	51	NN	2	7	SSW	8	og	0.01	1
Leith ...	29.94 r	+ .28	59	53	-1	67	54	N	4	6	SN	5	e	-	*
Shields...	29.98 r	+ .24	60	55	-2	67	56	N	5	6	SN	7	bc	-	1
York	30.07 r	+ .18	58	54	-5	71	51	N	3	5	NSW	6	c	-	*
Scarborough	30.02 r	+ .15	65	58	+4	67	52	N	4	5	N	3	bo	0.03	4
Nottingham ...	30.13 r	+ .16	65	60	+1	70	50	SW	4	5	NSW	8	op	0.05	*
Ardrossan ...	30.14 r	+ .49	56	53	0	59	55	NNW	3	7	SN	8	ob	0.06	3
Greencastle ...	30.07 r	+ .44	55	51	0	63	54	NNW	4	7	SN	10	g	0.22	*
Donaghadee ...	30.03 r	+ .33	59	57	+3	62	53	NNW	4	7	SN	6	c	-	3
Kingstown ...	30.14 r	+ .31	57	52	-2	66	55	N	5	7	NSW	7	c	-	3
Holyhead ...	30.13 r	+ .27	57	54	-1	64	54	SN	3	6	SSW	5	c	-	2
Liverpool (Bidston Obs.)	30.10 r	+ .21	58	53	-2	66	52	NSW	5	6	SN	6	c	-	4
Valencia ...	30.29 r	+ .38	58	54	0	63	52	N	3	6	N	6	c	-	3
Roche's Point...	30.20 r	+ .28	58	54	0	66	50	NNW	3	6	N	4	c	0.01	3
Pembroke ...	30.22 r	+ .24	57	54	-1	62	55	NNW	3	6	NSW	4	c	-	2
Portishead ...	30.20 r	+ .17	60	57	-4	73	55	N	5	7	N	6	c	0.02	3
Scilly ...	30.28 r	+ .19	60	56	0	66	56	N	5	6	NSW	4	c	-	4
Plymouth ...	30.26 r	+ .17	61	58	-1	68	54	NSW	3	6	NSW	2	bc	0.11	*
Hurst Castle ...	30.26 r	+ .15	63	57	0	69	57	N	3	6	SN	2	cb	-	3
Dover ...	30.23 r	+ .11	64	58	0	66	58	NSW	3	5	NSW	1	b	-	3
London ...	30.21 r	+ .12	61	56	-3	72	50	N	3	4	NSW	7	bc	-	*
Oxford...	30.19	+ .15	60	53	-3	71	51	N	2	6	SN	5	c	-	*
Cambridge ...	30.18 r	+ .14	61	54	-2	72	48	N	2	2	N	2	bc	-	*
Yarmouth ...	30.15 f	+ .10	61	56	-1	72	51	N	4	4	SN	3	b	-	2
Helder...															
Cape Gris Nez...	30.22 r	+ .09	58	54	-2	65	57	N	4	4	NSW	6	c	-	3
Brest ...	30.04 r	+ .13	59	57	0	66	57	NNW	3	4	SN	10	fo	-	4
L'Orient ...	?	?	59	57	-3	74	59	N	1	4	N	9	co	-	2
Rochefort ...	30.28 r	+ .02	62	58	-2	68	56	N	3	4	NN	4	bc	-	3
Biarritz ...	30.23 f	- .05	66	62	0	70	63	E	1	4	N	4	of	-	5
Corunna ...															
Brussels ...	30.21	+ .01	61	*	-6	*	*	N	3	*	*	*	c	*	*
Charleville ...	30.32	+ .16	61	*	-5	*	*	N	3	*	*	*	c	*	*
Paris ...	30.30	+ .07	63	*	-6	77	60	NN	1	?	?	9	bo	-	*
Lyons ...	?	?	77	*	0	*	*	N	1	*	*	*	a	*	*
Toulon...	30.18 r	- .01	77	67	+5	86	71	NE	1	4	NN	1	fb	-	3

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

	Bar.	Dry.	Wet.	Wind.	O.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wen.	Sea.
Skudesnaes ...	29.79	?	?	S	6	*	c	5	Valencia ...	30.08	61	55	N	6	5
Thurso ...	29.37	62	56	SSW	5	7	g	3	Scilly ...	30.16	64	59	NSW	6	5
Scarborough ...	29.88	67	58	N	4	10	o	3	London ...	30.08	67	59	SN	4	60
Greencastle ...	29.72	55	54	NSW	7	10	g	*	Rochefort ...	30.27	74	65	NN	3	0
Holyhead ...	29.93	61	57	SSW	6	3	b	5							

The barometer has fallen again in the N. but continues to rise in the N. Fresh NSW or SW winds still prevail at our N-stations.

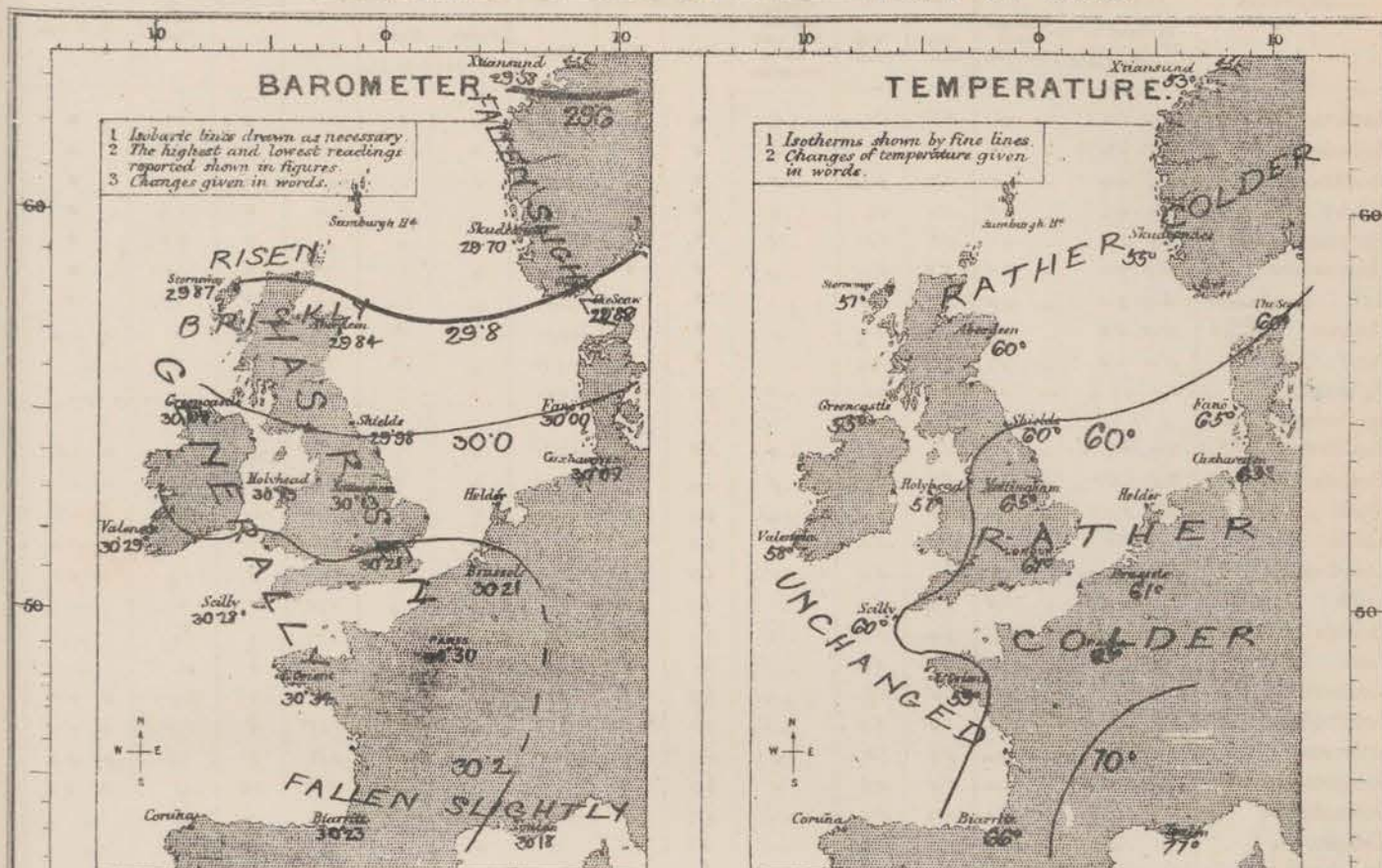
EXPLANATION OF COLUMNS.

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

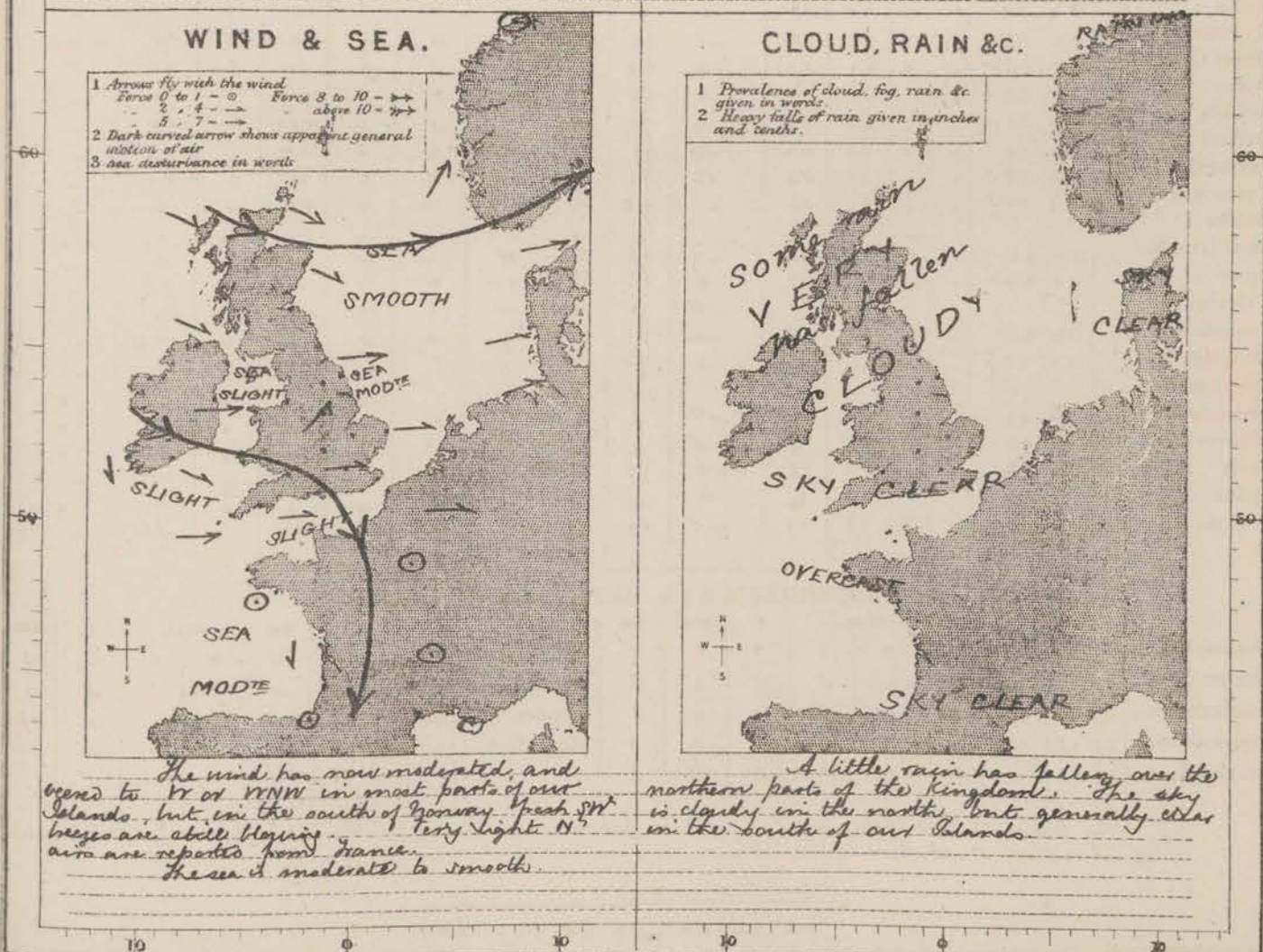
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEATHER CHARTS AND REMARKS FOR SUNDAY 5TH JULY 1874 AT 8 A.M.



The barometer has continued to rise over our Islands during the past day - especially in the north, but in Norway and the south of France a slight fall has occurred. The gradient from Valencia to Thurso is now 0.06 in per 100 miles.

Temperature is very little changed in the west of our Islands and France, but has fallen a little generally elsewhere.



The wind has now moderated, and been to W or WNW in most parts of our Islands, but in the south of Norway fresh S.W. breezes are still blowing. Very light N. airs are reported from France. The sea is moderate to smooth.

A little rain has fallen over the northern parts of the Kingdom. The sky is cloudy in the north, but generally clear in the south of our Islands.

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

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

Dunsterfield Lith. London

Mon day 8 a.m.

WEATHER REPORT.

July 6th 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 ...	29.56	-.04	62	60	+7	*	*	NN	2	2	S	*	bc	*	*
Hernösand ...	29.62	.00	63	56	0	*	*	NE	2	2	NN	*	e	*	*
Stockholm ...	29.73	-.11	62	55	0	*	*	NSN	?	6	NSN	*	e	*	*
Wisby ...	29.98	-.08	57	53	-2	*	*	NN	8	4	N	*	eb	*	*
Christiansund ...	29.82	+ .24	51	50	-2	*	*	NSN	6	2	NN	*	ro	*	3
Skudesnaes ...	30.06	+ .36	51	48	-4	*	*	NNN	6	6	NSN	*	or	*	3
Oxö (X'tiansand) ...	29.96	+ .16	54	49	-4	*	*	N	6	6	NSN	*	eb	*	4
Skagen (The Skaw) ...	29.95	+ .07	57	53	-3	*	*	N	8	*	*	*	b	-	*
Fanö ...	30.15	+ .15	59	54	-6	*	*	NN	4	*	*	*	a	-	*
Cuxhaven ...	30.18r	+ .11	63	60	0	?	55	N	4	3	N	4	eb	a.05	*
Samburgh Head ...															
Stornoway (Hebrides) ...	30.05f	+ .18	56	53	+5	57	49	N	3	4	NNN	7	e	0.02	4
Thurso ...	30.05r	+ .30	53	52	+4	57	45	SSN	2	6	NN	6	e	0.02	2
Wick ...	30.09r	+ .29	55	52	+2	56	40	SN	2	6	NN	8	er	-	2
Nairn ...	30.13r	+ .27	57	50	+2	61	51	NSN	1	1	NNN	6	be	-	1
Aberdeen ...	30.14r	+ .30	59	51	-1	62	47	SSN	2	3	NN	6	e	0.01	0
Leith ...	30.22r	+ .28	56	53	-3	67	48	N	3	4	N	7	e	-	*
Shields ...	30.25r	+ .27	56	51	-4	64	49	N	3	5	SN	2	cb	0.01	1
York ...	30.30r	+ .23	60	54	+2	67	45	NN	2	2	N	2	cb	0.02	*
Scarborough ...	30.27r	+ .25	59	53	-6	68	48	NN	3	4	N	8	po	0.08	3
Nottingham ...	30.32r	+ .19	66	60	+9	72	45	SN	1	4	N	6	re	-	*
Ardrossan ...	30.24r	+ .23	58	54	+2	61	57	SN	3	4	NN	7	e	-	2
Greencastle ...	30.23r	+ .16	57	53	+2	59	54	NSN	2	4	NNN	10	g	0.02	*
Donaghadee ...	30.26r	+ .23	57	55	-2	65	52	N	3	4	NNN	10	er	-	2
Kingstown ...	30.33r	+ .19	58	53	+1	64	55	NNN	3	6	NNN	9	er	0.01	2
Holyhead ...	30.29r	+ .16	58	55	+1	64	54	N	1	3	SN	6	eg	-	0
Liverpool (Bidston Obs.) ...	30.30r	+ .20	59	53	+1	63	53	N	0.1	5	N	10	er	-	3
Valencia ...	30.34f	+ .05	59	54	+1	64	48	NN	3	3	N	6	bc	-	2
Roche's Point ...	30.31r	+ .11	56	53	-2	67	50	N	1	3	NN	2	eb	-	2
Pembroke ...	30.31r	+ .09	56	55	-1	65	53	L	0	3	NNN	3	cf	-	1
Portishead ...	30.31r	+ .11	62	56	+2	71	45	NNN	2	6	N	3	ew	-	1
Scilly ...	30.31f	+ .03	59	56	-1	66	53	L	0	5	N	6	e	-	3
Plymouth ...	30.30s	+ .04	59	56	-2	70	49	L	0	3	NN	1	cf	-	*
Hurst Castle ...	30.30r	+ .04	61	55	-2	72	52	NE	2	4	NSN	3	cb	-	2
Dover ...	30.30r	+ .07	66	58	+2	66	55	NE	3	4	NSN	3	b	-	2
London ...	30.32r	+ .11	60	55	-1	73	47	ENE	2	3	NNN	3	cb	-	*
Oxford ...	30.31	+ .12	60	53	-0	71	44	N	1	4	NSN	3	eb	-	*
Cambridge ...	30.32r	+ .14	59	52	-2	73	47	N	1	2	NNN	0	b	-	*
Yarmouth ...	30.32r	+ .17	61	56	0	70	57	NNE	1	4	N	2	cb	-	2
Helder ...	30.26	?	61	*	?	*	*	N	1	*	*	*	*	-	3
Cape Gris Nez ...	30.22r	+ .06	62	57	+4	64	55	NNE	3	4	N	1	cb	-	2
Brest ...	30.34f	.00	58	56	-1	68	50	E	4	4	E	1	b	-	3
L'Orient ...	?	?	59	55	0	?	?	E	4	4	NNN	1	cb	-	3
Rochefort ...	30.12f	-.16	65	56	+3	74	58	E	5	5	NN	0	b	-	3
Biarritz ...	30.08f	-.15	68	66	+2	73	64	SN	1	4	N	9	er	-	4
Corunna ...														*	
Brussels ...	30.28	+ .07	64	*	+3	*	*	ESE	3	*	*	*	b	*	*
Charleville ...	30.27	-.05	61	*	0	*	*	NNE	3	*	*	*	b	*	*
Paris ...	30.28r	-.02	61	*	-2	73	55	?NE	4	7	NNN	0	b	-	*
Lyons ...	?	?	73	*	-4	*	*	N	3	*	*	*	b	*	*
Toulon ...	30.13f	-.05	75	68	-2	89	72	NE	1	3	N	2	b	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.81	54	52	WSN	6	*	5	Valencia ...								
Thurso ...								Scilly ...								
Scarborough...								London ...							*	
Greencastle ...							*	Rochefort...	30.25	78	65	NN	5	0	b	3
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.

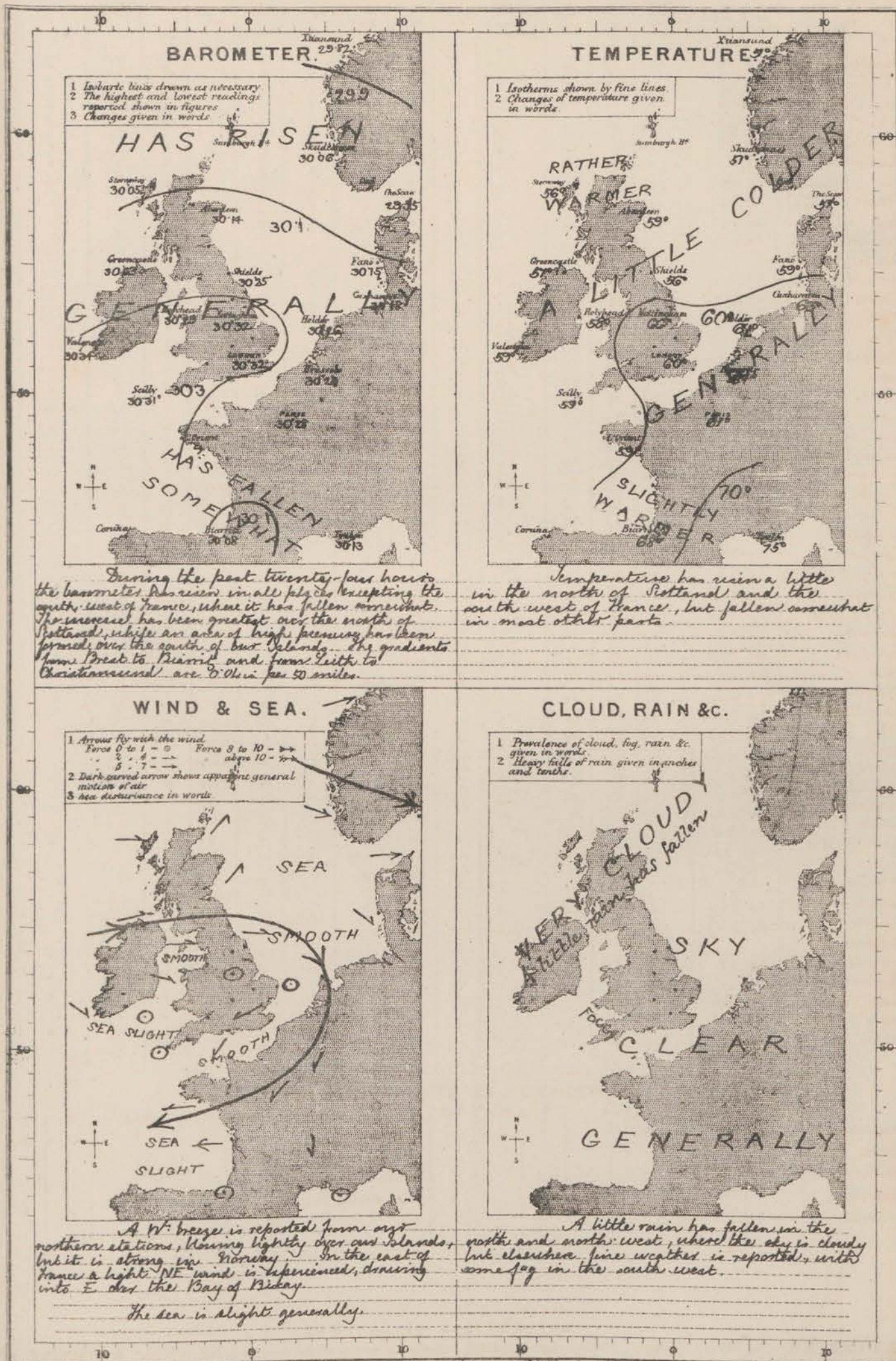
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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 6TH JULY 1874 AT 8 A.M.



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.

Benington, 11th, London

Tues - day 8 a.m.

WEATHER REPORT.

July 7th 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 ...	29.91	+ .35	54	50	-.8	*	*	NE	1	2	S	*	co	*	*
Hernösand ...	29.99	+ .37	57	49	-.6	*	*		6	4	NNN	*	ab	*	*
Stockholm ...	30.01	+ .28	62	55	0	*	*	SE	4	4	N	*	c	*	*
Wisby ...	30.16	+ .18	57	53	0	*	*	N	2	2	N	*	r	*	*
Christiansund...	30.08	+ .26	52	48	+1	*	*	SE	4	4	NNN	*	c	*	2
Skudesnaes ...	30.12	+ .06	56	52	+5	*	*	ESE	4	0	L	*	b	*	2
Oxö (X'iansand)	30.06	+ .10	55	50	+1	*	*	NNN	6	6	NNN	*	b	*	4
Skagen (The Skaw)	30.05	+ .10	55	51	-.2	*	*	NNN	6	*	*	*	b	—	*
Fanö ...	30.22	+ .07	62	56	+3	*	*	N	4	*	*	*	c	—	*
Guxhaven ...	30.24 f	+ .06	58	55	-.5	?	50	ESE	1	4	N	2	b	—	*
Sumburgh Head															
Stornoway (He- brides)	29.95 f	- .10	55	54	-.1	61	51	SSW	3	6	SW	10	pw	0.05	4
Thurso...	29.97 f	- .08	55	53	-.1	63	52	SSW	2	3	WSW	8	eg	0.02	2
Wick ...	30.01 f	- .08	54	52	-.1	61	51	SW	2	5	N	10	o	0.05	0
Nairn ...	30.03 f	- .10	58	53	+1	65	53	WSW	4	1	WSW	9	co	—	1
Aberdeen ...	30.05 f	- .09	62	56	+3	65	47	SW	2	3	SSW	3	ab	—	0
Leith ...	30.12 f	- .10	58	55	+2	65	54	WSW	2	3	N	7	c	—	*
Shields...	30.14 f	- .08	59	51	+3	64	48	SSW	3	3	NNN	5	c	—	0
York ...	30.21 f	- .09	58	54	-.2	69	46	N	1	2	NN	7	oc	—	*
Scarborough ...	30.17 f	- .10	58	54	-.1	62	51	N	1	1	N	3	cb	—	1
Nottingham ...	30.21 f	- .11	60	57	-.6	72	56	S	4	3	SW	10	m	—	*
Ardrossan ...	30.12 f	- .12	58	55	0	60	54	SSW	2	3	SW	7	oc	—	2
Greencastle ...	30.09 f	- .14	58	54	+1	61	55	WSW	2	2	WSW	7	oc	—	*
Donaghadee ...	30.12 f	- .14	56	55	-.1	62	52	S	2	4	SSW	10	o	—	1
Kingstown ...	30.17 f	- .16	58	55	0	65	57	SSE	1	4	SSE	7	oc	—	1
Holyhead ...	30.15 f	- .14	60	56	+2	65	51	WSW	1	2	NNN	4	bc	—	0
Liverpool (Bidston Obs.)	30.17 f	- .13	61	52	+2	66	51	E	1	2	NNN	3	cb	—	1
Valencia ...	30.14 f	- .20	59	55	0	66	52	SW	3	2	N	?	c	—	3
Roche's Point...	30.15 f	- .16	57	53	+1	72	53	SE	1	3	S	3	b	—	2
Pembroke ...	30.15 f	- .11	59	54	+3	66	52	E	1	3	N	4	bc	—	1
Portishead ...	30.16 f	- .14	64	58	+2	70	53	ESE	1	1	E	10	om	—	1
Scilly ...	30.14 f	- .17	60	58	+1	65	56	L	0	3	N	3	cb	—	1
Plymouth ...	30.12 f	- .10	63	57	+4	67	47	E	3	3	E	0	cb	—	*
Hurst Castle ...	30.14 f	- .16	63	57	+2	72	55	E	3	3	E	3	b	—	2
Dover ...	30.16 f	- .14	64	57	-.2	66	57	ESE	3	4	ESE	4	bc	—	3
London ...	30.18 f	- .14	67	59	+7	74	51	SE	3	3	E	7	c	—	*
Oxford...	30.18	- .13	64	56	+4	72	50	L	0	0	L	1	ob	—	*
Cambridge ...	30.20 f	- .12	61	54	+2	73	52	E	1	1	N	6	em	—	*
Yarmouth ...	30.22 f	- .10	59	56	-.2	65	55	E	2	2	ESE	2	b	—	2
Helder...	30.22	- .04	62	*	+1	*	*	ESE	3	*	*	*	*	*	2
Cape Gris Nez...	30.13 f	- .15	61	56	-.1	67	54	N	3	3	N	3	b	—	2
Brest ...	30.11 f	- .12	58	56	0	72	51	NNE	4	4	NNE	7	bo	—	2
L'Orient ...	?	?	62	58	+3	?	?	NE	1	4	NE	7	bc	—	2
Rochefort ...	29.93 f	- .19	72	63	+7	81	64	E	3	5	E	6	bc	—	3
Biarritz ...	29.98 f	- .10	68	66	0	72	66	N	3	3	N	5	tc	—	3
Corunna ...			*	*	*	*	*		*	*	*	*	*	*	*
Brussels ...	30.16	- .12	67	*	+3	*	*	NNE	1	*	*	*	b	*	*
Charleville ...	30.14	- .13	68	*	+7	*	*	NE	3	*	*	*	b	*	*
Paris ...	30.09 f	- .19	63	*	+2	76	57	NE	3	7	NNE	8	bc	—	*
Lyons ...	?	?	75	*	+2	*	*	NE	1	*	*	*	b	*	*
Toulon...	30.06 f	- .07	75	66	0	89	70	SE	4	3	SE	3	cf	—	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	30.15	53	46	NNN	4	*	c	3	Valencia ...	30.01	63	56	N	2	5	c	2
Thurso ...	30.02	62	54	WSW	3	6	c	3	Scilly ...	30.29	63	59	NNN	1	5	c	3
Scarborough...	30.26	60	56	?SE	2	10	o	4	London ...	30.27	68	58	NE	2	10	co	*
Greencastle ...	30.21	60	55	WSW	1	9	o	*	Rochefort...	30.05	?87	?71	E	4	5	c	3
Holyhead ...	30.29	60	56	NNN	2	2	b	1									

The barometer is falling again slowly at all stations. The wind at Valencia has backed to 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.

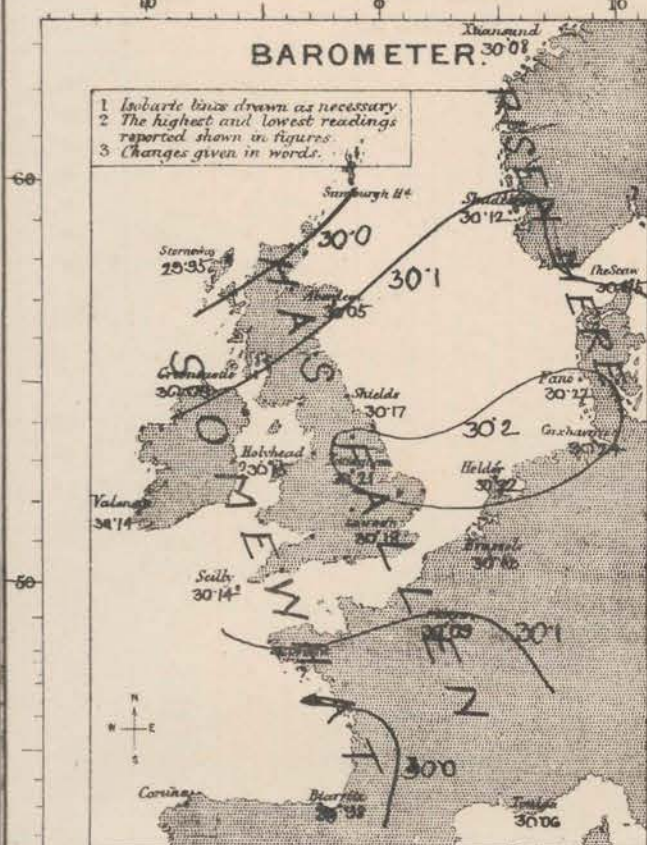
WEATHER CHARTS

AND REMARKS FOR

TUESDAY 7TH JULY 1874 AT 8 A.M.

BAROMETER.

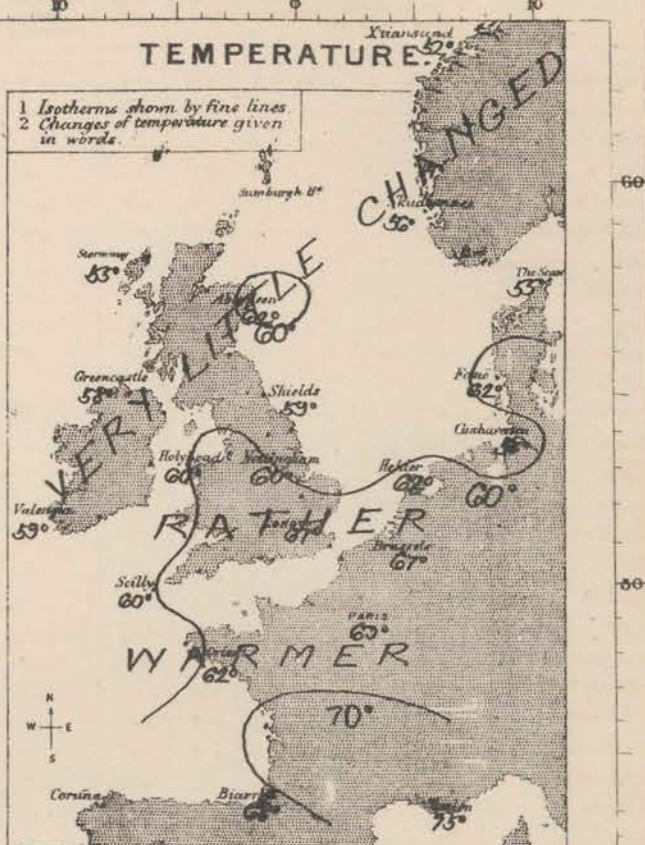
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The area of high pressure noticed yesterday is now found over the southern portion of the North Sea, and the baromet. has fallen somewhat over our Islands and France, whilst it has risen over Norway and Denmark. Readings are exceedingly uniform over England and Ireland, and gradients are slight everywhere.

TEMPERATURE.

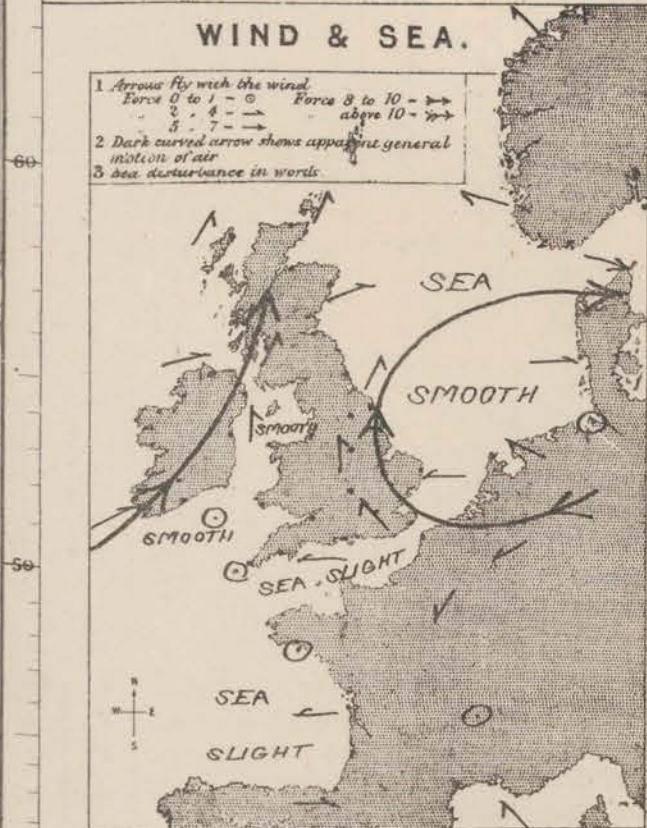
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen a few degrees at our southern stations but is very little changed elsewhere.

WIND & SEA.

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

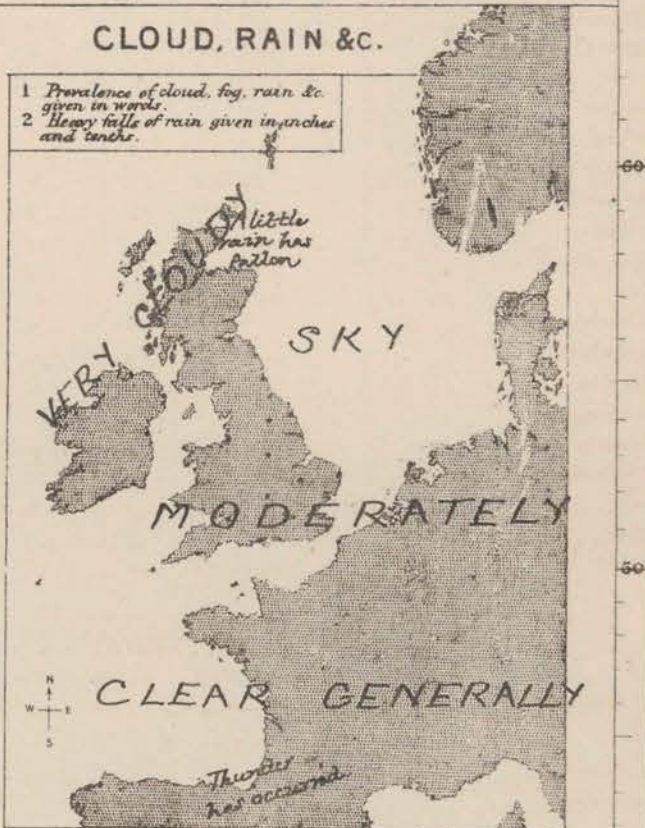


A light S or SW breeze is reported from our western and northern stations, whilst a fresh NW wind is experienced over the Skagerrack. The NE breeze still holds in the east of France, drawing into E in the Channel and Bay of Biscay.

The sea is nearly smooth generally.

CLOUD, RAIN &c.

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



Thunder is reported from Biarritz. The sky is very cloudy in the north-west, clear in the north of France and the Channel and moderately so elsewhere.

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

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

ROBERT H. SCOTT, Director.

Dangerfield, Lith. London.

Wednesday - day 8 a.m.

WEATHER REPORT.

July 8th

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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.				
Haparanda ...	30.16	+ .25	60	57	+6	*	*	S	4	2	NE	*	e	*	*
Hernösand ...	30.15	+ .16	60	53	+3	*	*	NN	2	0	Z	*	b	*	*
Stockholm ...	30.08	+ .07	59	54	-3	*	*	ESE	1	1	SSW	*	er	*	*
Wisby ...	30.21	+ .05	58	55	+1	*	*	NN	4	4	S	*	b	*	*
Christiansund...	30.05	- .03	56	52	+4	*	*	SE	2	2	NNN	*	er	*	1
Skudesnaes ...	30.08	- .04	58	55	+2	*	*	SE	6	2	SSW	*	e	*	3
Oxö (X'tiansand)	30.10	+ .04	57	50	+2	*	*	NNW	4	4	NNW	*	b	*	3
Skagen (The Skaw)	30.13	+ .08	56	50	+1	*	*	N	4	*	*	*	b	-	*
Fanö ...	30.15	- .07	61	57	-1	*	*	SE	2	*	*	*	b	-	*
Cuxhaven ...	30.12	- .11	63	60	+5	71	?	SE	2	2	NNE	2	b	-	*
Sumburgh Head															
Stornoway (Hebrides)	29.81	- .14	58	57	+3	59	50	SW	4	6	SSW	10	for	0.12	5
Thurso...	29.82	- .15	59	55	+4	61	51	S	2	2	SSW	5	ge	0.05	2
Wick ...	29.87	- .14	59	54	+5	59	52	N	2	3	SW	6	ge	-	0
Nairn ...	29.89	- .14	63	55	+5	65	53	NNW	1	1	NNW	5	e	0.02	1
Aberdeen ...	29.93	- .12	62	57	0	67	54	SSW	2	3	SSW	4	e	0.01	1
Leith ...	29.98	- .14	63	60	+5	70	50	NNW	2	3	NNW	4	e	-	*
Shields...	30.01	- .16	61	57	+2	65	57	Z	0	4	SW	6	pe	-	1
York ...	30.07	- .14	65	58	+7	72	54	S	1	1	S	2	cb	-	*
Scarborough ...	30.04	- .13	64	59	+6	65	51	SW	2	4	SE	8	or	-	2
Nottingham ...	30.10	- .11	71	67	+11	77	58	?	2	3	S	5	be	-	*
Ardrossan ...	29.98	- .14	59	56	+1	64	57	SSW	3	3	SSW	7	oc	0.03	3
Greencastle ...	29.95	- .14	59	56	+1	63	57	SSW	2	3	SSW	10	g	0.02	*
Donaghadee ...	29.97	- .15	61	59	+5	65	52	SSW	3	5	SSE	3	e	-	2
Kingstown ...	30.02	- .15	62	59	+4	64	58	ESE	1	5	SSE	8	er	0.04	1
Holyhead ...	30.04	- .11	61	58	+1	69	57	SSW	2	2	NNW	5	ge	-	1
Liverpool (Bidston Obs.)	30.06	- .11	62	55	+1	71	58	SW	2	2	SW	6	e	-	1
Valencia ...	30.02	- .12	61	59	+2	64	51	SW	3	4	SW	8	mg	0.13	3
Roche's Point...	30.05	- .10	61	60	+4	71	56	SW	2	3	SW	10	er	0.02	0
Pembroke ...	30.08	- .07	61	58	+2	70	56	SW	2	3	NNW	6	er	-	1
Portishead ...	30.09	- .07	68	60	+4	75	52	NNW	2	3	SW	4	me	-	2
Scilly ...	30.13	- .01	63	61	+3	68	57	SW	3	3	SW	4	be	-	2
Plymouth ...	30.11	- .01	64	61	+1	71	54	NNW	2	4	ESE	1	bm	-	*
Hurst Castle ...	30.10	- .04	65	58	+2	73	55	NE	1	2	SSE	2	b	-	0
Dover ...	30.09	- .07	69	60	+5	70	58	NE	2	3	ENE	0	b	-	1
London ...	30.10	- .08	71	62	+4	77	50	SSW	1	3	SE	1	cb	-	*
Oxford...	30.09	- .09	64	56	0	76	49	Z	0	1	S	7	e	-	*
Cambridge ...	30.10	- .10	62	56	+1	75	49	Z	0	1	SE	6	bm	-	*
Yarmouth ...	30.13	- .09	62	60	+3	65	51	NNE	1	2	ENE	2	b	-	1
Helder...	30.07	- .15	67	*	+5	*	*	S	2	*	*	*	*	*	2
Cape Gris Nez...	30.08	- .05	63	59	+2	66	58	NNE	1	3	N	5	bc	-	1
Brest ...	30.13	+ .02	59	57	+1	76	52	N	3	5	N	1	b	-	2
L'Orient ...	?	?	61	59	-1	?	?	NNE	1	4	NN	0	b	-	2
Rochefort ...	30.05	+ .12	69	65	-3	76	65	SW	4	4	S	5	c	-	4
Biarritz ...	30.11	+ .13	68	64	0	73	66	N	5	5	N	9	o	-	3
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	30.09	- .07	65	*	-2	*	*	NE	1	*	*	*	b	*	*
Charleville ...	30.12	- .02	71	*	+3	*	*	SE	1	*	*	*	b	*	*
Paris ...	30.07	- .02	72	*	+9	81	61	E	3	4	NE	0	cb	-	*
Lyons ...	?	?	77	*	+2	*	*	E	1	*	*	*	b	*	*
Toulon...	30.10	+ .04	80	66	+5	89	72	E	4	4	SE	2	b	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.
Skudesnaes ...	30.12	60	57	SSW	4	*	a	5	Valencia ...	30.09	62	56	SW	4	6
Thurso ...	29.95	58	55	SSW	2	8	g	2	Scilly ...	30.10	66	61	Z	0	2
Scarborough ...	30.08	60	57	SE	4	7	c	4	London ...	30.12	69	59	E	3	2
Greencastle ...	30.03	63	56	SSW	3	10	g	*	Rochefort ...	29.97	72	71	S	3	10
Holyhead ...	30.10	63	58	NNN	2	2	b	1							

The mercury continues to fall slowly over our islands but has risen a little at Rochefort. At Greencastle the wind has backed to SSW, remaining light.

EXPLANATION OF COLUMNS.

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

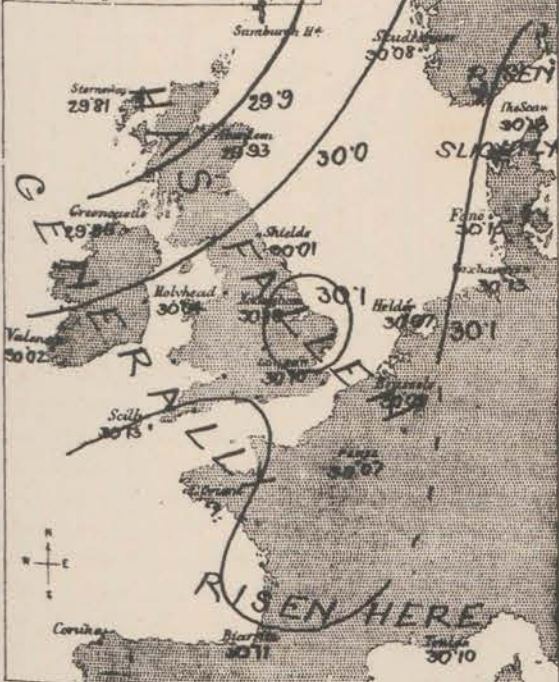
WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 8TH JULY 1874 AT 8 A.M.

BAROMETER.

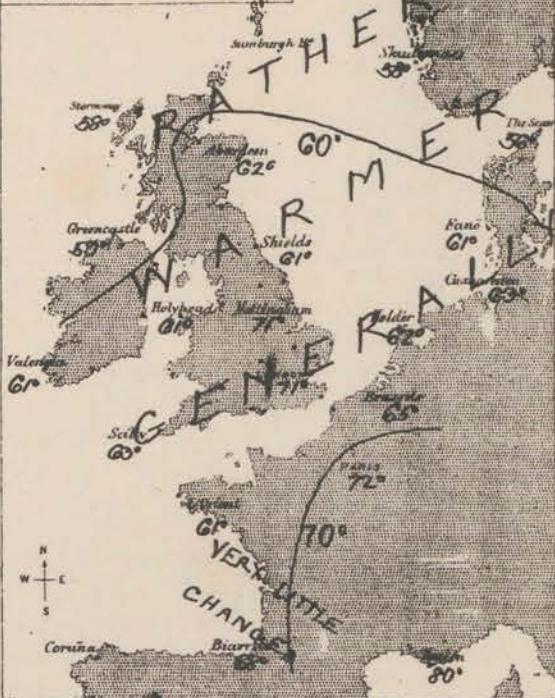
- 1 Isobars line down as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



The rise of the barometer noticed in the west of France yesterday, has continued, and extended to our southern stations during the night in the north, however, and over Norway, the pressure continues to fall. A small area of high pressure lies over the east of England, but readings are very uniform over Western Europe.

TEMPERATURE.

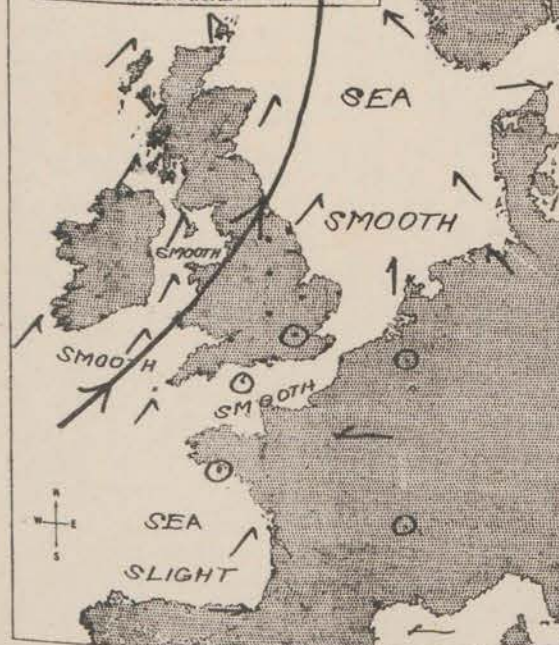
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperatures has risen generally, especially over Central England.

WIND & SEA.

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



Light S^W or S^W breezes continue at all our western and northern stations, but over the Channel and north-west of France, the wind has backed to N or NE. On the eastern shore of the North Sea light SE breezes are experienced.

The sea is rather rough at Norway, nearly smooth elsewhere.

CLOUD, RAIN & C.

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



A little rain has fallen in the north and north-west. The sky is clear over the east of France and the south of England, moderately so generally.

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^{et}, Westminster S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lth. 22, Bedford St. Covent Garden

Thurs-day 8 a.m.

WEATHER REPORT.

July 9th

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 ...	30.24	+ .08	62	61	+2	*	*	S	2	2	S	*	c	*	*
Hernösand ...	30.25	+ .10	58	55	-2	*	*	SSW	4	0	Z	*	bc	*	*
Stockholm ...	30.22	+ .14	62	57	+2	*	*	ESE	2	4	SE	*	bc	*	*
Wisby ...	30.32	+ .11	62	54	+4	*	*	SW	2	?	NN	*	b	*	*
Christiansund ...	30.15	+ .10	64	56	+8	*	*	ESE	2	2	NNE	*	cb	*	1
Skudesnaes ...	30.18	+ .10	62	56	+4	*	*	ESE	4	4	SSE	*	cb	*	2
Oxö (X'tiansand) ...	30.14	+ .04	58	53	+1	*	*	W	2	4	WSW	*	c	*	1
Skagen (The Skaw) ...	30.24	+ .11	59	56	+3	*	*	SW	2	*	*	*	c	-	*
Fanö ...	30.25	+ .10	67	61	+6	*	*	SE	2	*	*	*	b	-	*
Cuxhaven ...	30.205	+ .07	65	61	+2	84	?	q	2	2	ESE	0	b	-	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.83f	+ .02	58	57	0	65	54	SW	7	7	SW	10	ud	0.02	7
Thurso ...	29.81f	- .01	64	59	+5	67	54	S	3	3	S	8	gw	-	2
Wick ...	29.90f	+ .03	59	57	0	63	57	S	2	3	SW	10	co	-	2
Nairn ...	29.89f	00	66	60	+3	70	61	WSW	1	3	WSW	5	c	-	1
Aberdeen ...	29.98s	+ .05	60	57	-2	72	55	S	0	3	S	7	bc	-	1
Leith ...	30.05r	+ .07	62	60	-1	73	55	SW	3	3	SW	7	c	-	*
Shields ...	30.09r	+ .08	65	60	+4	73	58	SW	2	2	SSW	5	c	-	1
York ...	30.12r	+ .05	69	63	+4	75	57	W	1	1	NNW	1	b	-	*
Scarborough ...	30.11r	+ .07	65	61	+1	67	57	SE	1	2	SE	1	ab	-	1
Nottingham ...	30.14r	+ .04	73	67	+2	82	53	NNW	1	3	W	1	b	-	*
Ardrossan ...	30.04r	+ .06	61	59	+2	68	59	S	3	3	SSW	7	c	-	3
Greencastle ...	30.01r	+ .06	61	58	+2	67	59	SSW	3	3	SSW	10	ag	-	*
Dónaghadee ...	30.04r	+ .07	63	61	+2	69	56	S	4	4	S	5	a	-	2
Kingstown ...	30.08r	+ .06	64	60	+2	72	62	SE	3	3	S	8	o	-	2
Holyhead ...	30.10r	+ .06	61	59	0	69	58	SSW	3	4	SSW	7	ew	-	2
Liverpool (Bidston Obs.) ...	30.12r	+ .06	62	57	0	74	57	SW	2	3	NNW	7	c	-	1
Valencia ...	30.05s	+ .03	61	59	0	66	57	WSW	3	4	SW	8	mg	0.05	3
Roche's Point ...	30.09s	+ .04	60	59	-1	78	55	SSW	2	3	SW	10	ew	0.02	3
Pembroke ...	30.14s	+ .06	60	58	-1	71	59	SSW	2	2	SW	7	cp	0.01	2
Portishead ...	30.15r	+ .06	70	63	+2	79	54	NNW	2	4	W	2	b	-	2
Scilly ...	30.16f	+ .03	63	61	0	70	60	WSW	2	4	WSW	10	cf	-	3
Plymouth ...	30.15r	+ .04	65	61	+1	72	55	W	1	4	WSW	0	bf	-	*
Hurst Castle ...	30.15r	+ .05	67	62	+2	74	57	E	1	2	W	0	b	-	0
Dover ...	30.14r	+ .05	76	64	+7	76	62	Z	0	2	E	0	b	-	0
London ...	30.15r	+ .05	76	65	+5	85	55	WSW	1	2	WSW	0	b	-	*
Oxford ...	30.14	+ .05	66	61	+2	80	54	Z	0	1	SW	0	bm	-	*
Cambridge ...	30.14r	+ .04	71	62	+9	82	54	SW	1	1	SW	0	b	-	*
Yarmouth ...	30.18r	+ .05	63	61	+1	67	60	SSE	1	2	SE	0	b	-	1
Helder ...	30.20	+ .13	66	*	-1	*	*	NNW	2	*	*	*	*	*	2
Cape Gris Nez ...	30.13r	+ .05	72	67	+9	74	63	Z	0	3	NE	0	cb	-	1
Brest ...	30.17f	+ .04	60	56	+1	67	53	NNE	3	4	NNW	0	b	-	2
L'Orient ...	?	?	65	61	+4	?	?	NE	1	4	NNW	1	b	-	1
Rochefort ...	30.07r	+ .02	72	68	+3	72	67	E	1	4	?	7	bc	-	3
Biarritz ...	30.07f	- .04	68	66	0	70	63	E	1	5	W	7	om	-	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.15	+ .06	76	*	+11	*	*	NE	3	*	*	*	b	*	*
Charleville ...	30.23	+ .11	78	*	+7	*	*	SE	1	*	*	*	b	*	*
Paris ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Lyons ...	?	?	77	*	0	*	*	SE	3	*	*	*	b	*	*
Toulon ...	30.21r	+ .11	77	66	-3	91	71	E	2	3	E	1	b	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	30.14	57	54	SSE	4	*	r	3	Valencia ...	30.05	66	61	SW	4	7	c	3
Thurso ...	29.87	67	59	WSW	1	7	c	0	Scilly ...	30.17	68	63	WSW	3	4	c	3
Scarborough...	30.05	63	60	SE	2	3	b	2	London ...	30.11	72	63	SSW	1	5	bc	*
Greencastle ...	29.98	66	62	SW	1	4	c	*	Rochefort...	30.10	72	69	S	?	4	c	3
Holyhead ...	30.08	67	62	SSW	3	6	c	2									

The barometer is now rising slowly at all stations.

EXPLANATION OF COLUMNS.

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

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

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

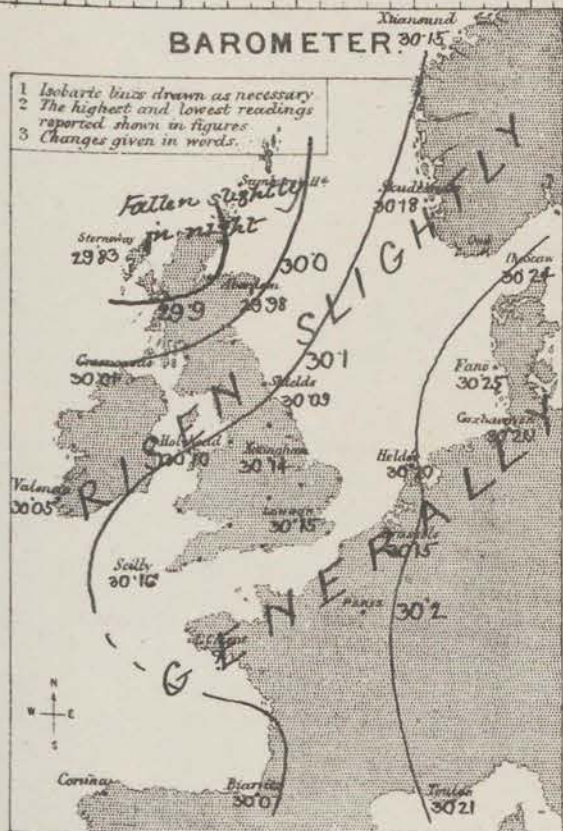
WEATHER CHARTS

AND REMARKS FOR

THURSDAY 9TH JULY 1874 AT 8 A.M.

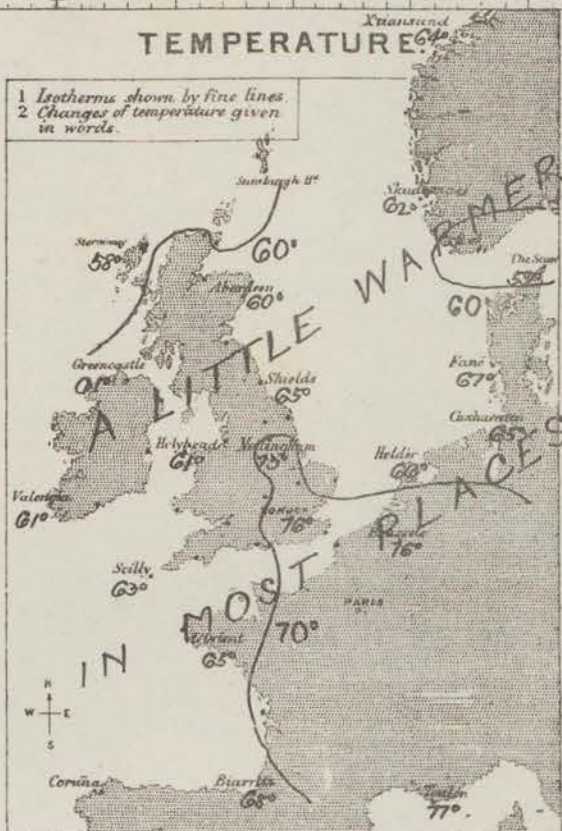
BAROMETER.

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



TEMPERATURE.

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

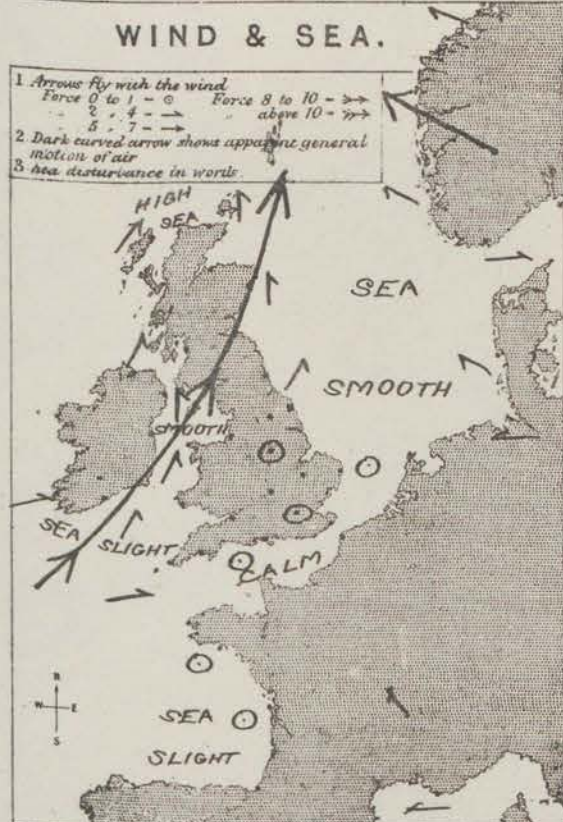


During the past twenty-four hours a slight but uniform rise of the barometer has taken place at all stations. During the night, however, a decrease has again set in in the north of Scotland, where the lowest pressure is still found. The gradient from Thurso to Bunkers is 0.07 in. per 50 miles.

Temperature has risen generally, especially in the south-east. During yesterday the thermometer rose to 85° in the shade in London.

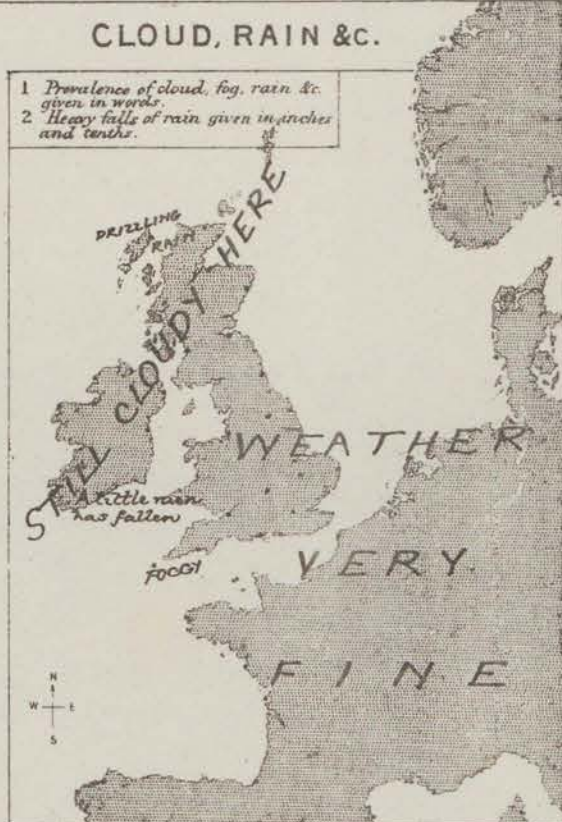
WIND & SEA.

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



CLOUD, RAIN & C.

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



The wind continues S^W at our western and northern stations, blowing freshly at Stornoway, while in the south of our Islands very light airs prevail. In Norway the wind is E^W and a very light E^W air is experienced over the south of France. The sea is high at Stornoway, nearly smooth on our other coasts.

A little rain has fallen in the extreme west, and drizzling rain continues at Stornoway. The sky is cloudy, and mist prevails, at some of our western and northern stations, but is very clear elsewhere.

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^{et}, Westminster, S.W.
ROBERT H. SCOTT, Director.

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

Friday 8 a.m.

WEATHER REPORT.

July 10th 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 ...	30.29	+0.5	65	58	+2	*	*	S	6	2	S	*	bc	*	*
Hernösand ...	30.30	+0.5	60	57	+2	*	*	S	2	2	S	*	b	*	*
Stockholm ...	30.32	+1.0	68	59	+6	*	*	S	2	2	S	*	b	*	*
Wisby ...	30.43	+1.1	60	58	-2	*	*	SE	2	4	SSE	*	b	*	*
Christiansund ...	30.15	0.0	57	55	-7	*	*	NNN	2	4	NN	*	o	*	2
Skudesnaes ...	30.25	+0.7	64	58	+2	*	*	SE	4	4	SSE	*	o	*	3
Oxö (X'tiansen) ...	30.26	+1.2	63	59	+5	*	*	GSE	2	2	SSN	*	c	*	1
Skagen (The Skaw) ...	30.30	+0.6	65	62	+6	*	*	SE	2	*	*	*	c	—	*
Fanö ...	30.23	-0.2	67	60	0	*	*	SE	4	*	*	*	b	—	*
Cuxhaven ...	30.18f	-0.2	65	61	0	85	?	E	3	3	E	1	b	—	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	30.13r	+3.0	57	53	-1	62	47	NSW	0	7	SN	7	a	0.01	2
Thurso ...	30.11r	+3.0	59	54	-5	69	51	NSW	1	4	N	8	ao	—	1
Wick ...	30.14r	+2.4	59	56	0	68	52	Z	0	3	N	6	c	—	0
Nairn ...	30.17r	+2.8	60	52	-6	70	54	Z	0	3	NSW	4	c	—	1
Aberdeen ...	30.14r	+1.6	62	58	+2	74	55	N	1	3	S	7	c	—	1
Leith ...	30.18r	+1.3	63	60	+1	72	55	N	2	3	N	5	c	—	*
Shields ...	30.17r	+0.8	62	58	-3	74	59	NNN	1	3	SN	7	c	—	1
York ...	30.16r	+0.4	67	61	-2	80	54	NNN	1	2	NNN	2	b	—	*
Scarborough ...	30.15r	+0.4	64	60	-1	77	58	N	2	2	N	1	b	—	1
Nottingham ...	30.17r	+0.3	70	67	-3	86	59	NNE	2	3	NNN	2	bm	—	*
Ardrossan ...	30.19r	+1.5	57	52	-4	68	52	NN	2	3	S	4	c	—	1
Greencastle ...	30.22r	+2.1	59	55	-2	65	57	Z	0	3	NN	10	eg	—	*
Donaghadee ...	30.20r	+1.6	58	56	-5	67	58	N	3	4	N	9	co	—	2
Kingstown ...	30.22r	+1.4	57	55	-7	69	57	NNE	3	3	ESE	10	go	—	3
Holyhead ...	30.18r	+0.8	61	59	0	67	57	SN	1	3	SSN	6	c	—	0
Liverpool (Bidston Obs.) ...	30.18r	+0.6	66	60	+4	72	59	NNN	1	3	NNN	3	cb	—	1
Valencia ...	30.25r	+2.0	57	54	-4	65	54	N	2	3	NNN	8	cg	—	2
Roche's Point ...	30.18r	+0.9	60	56	0	77	56	NNN	4	4	NNN	8	cms	—	3
Pembroke ...	30.18r	+0.4	59	58	-1	70	56	NNN	1	1	SN	6	fc	—	2
Portishead ...	30.14r	-0.1	66	62	-4	80	57	NNN	1	3	NNN	8	bm	—	1
Scilly ...	30.21r	+0.5	62	60	-1	71	59	NNN	4	4	NNN	6	fc	—	4
Plymouth ...	30.16r	+0.1	64	62	-1	72	58	NN	3	3	NN	7	bm	—	*
Hurst Castle ...	30.13r	-0.2	71	66	+4	78	63	Z	0	1	SN	10	bt	—	0
Dover ...	30.11s	-0.3	72	65	-4	76	65	NN	2	2	NE	5	ble	0.02	0
London ...	30.14s	-0.1	74	69	-2	90	64	SN	1	2	SN	9	ble	0.14	*
Oxford ...	30.12	-0.2	67	62	+1	87	60	N	1	1	N	9	clor	—	*
Cambridge ...	30.14r	0.0	65	61	-6	88	61	Z	0	1	SN	6	bc	—	*
Yarmouth ...	30.13f	-0.5	70	65	+7	70	63	Z	0	2	SE	3	bm	—	1
Helder ...	30.14	-0.6	71	*	+5	*	*	ENE	1	*	*	*	*	*	2
Cape Gris Nez ...	30.13r	0.0	66	62	-6	76	65	Z	0	1	ENE	9	bo	—	1
Brest ...	30.16r	-0.1	61	59	+1	79	48	N	5	5	N	6	bo	—	*
L'Orient ...	?	?	65	58	0	?	?	NNE	1	3	NN	6	c	—	2
Rochefort ...	30.11r	+0.4	68	64	-4	75	65	N	4	4	NN	10	bo	—	3
Biarritz ...	30.19r	+1.2	67	65	-1	75	65	N	5	4	NN	9	o	—	3
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	30.12	-0.3	72	*	-4	*	*	ENE	1	*	*	*	a	*	*
Charleville ...	30.12	-1.1	70	*	-3	*	*	NE	3	*	*	*	o	*	*
Paris ...	30.13f	0.0	73	*	-2	96	67	ENE	4	5	N	7	tc	—	*
Lyons ...	?	?	79	*	+2	*	*	SE	3	*	*	*	b	*	*
Toulon ...	30.19f	-0.2	82	66	+5	91	73	NN	1	2	SN	2	b	—	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Woa.	Sea.		
Skudesnaes ...	30.08	63	58	S	6	*	c	4	Valencia ...	30.14	63	59	SN	3	8	g	3
Thurso ...	29.93	66	60	N	3	6	c	3	Scilly ...	30.18	68	65	N	3	6	c	4
Scarborough...	30.09	66	62	NNE	2	1	b	1	London ...	30.11	77	66	SN	2	1	b	*
Greencastle ...	30.10	64	60	NN	3	7	c	*	Rochefort...	30.06	72	73	SSE	3	10	o	3
Holyhead ...	30.14	64	61	SSN	3	5	c	2									

The barometer has risen in the W. and N. but fallen in the E. The wind has veered to N. at Thurso and to NN. at Greencastle.

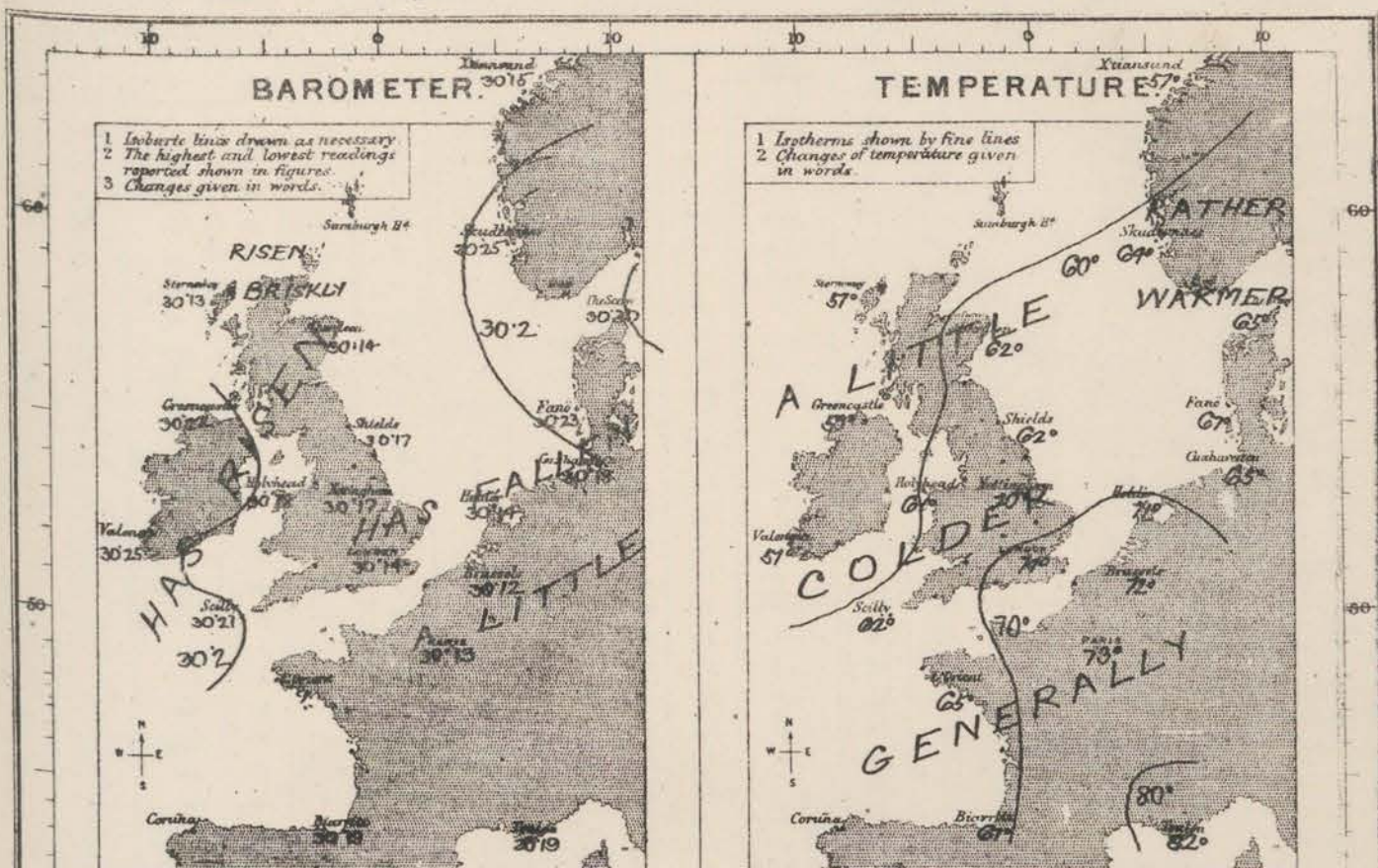
EXPLANATION OF COLUMNS.

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

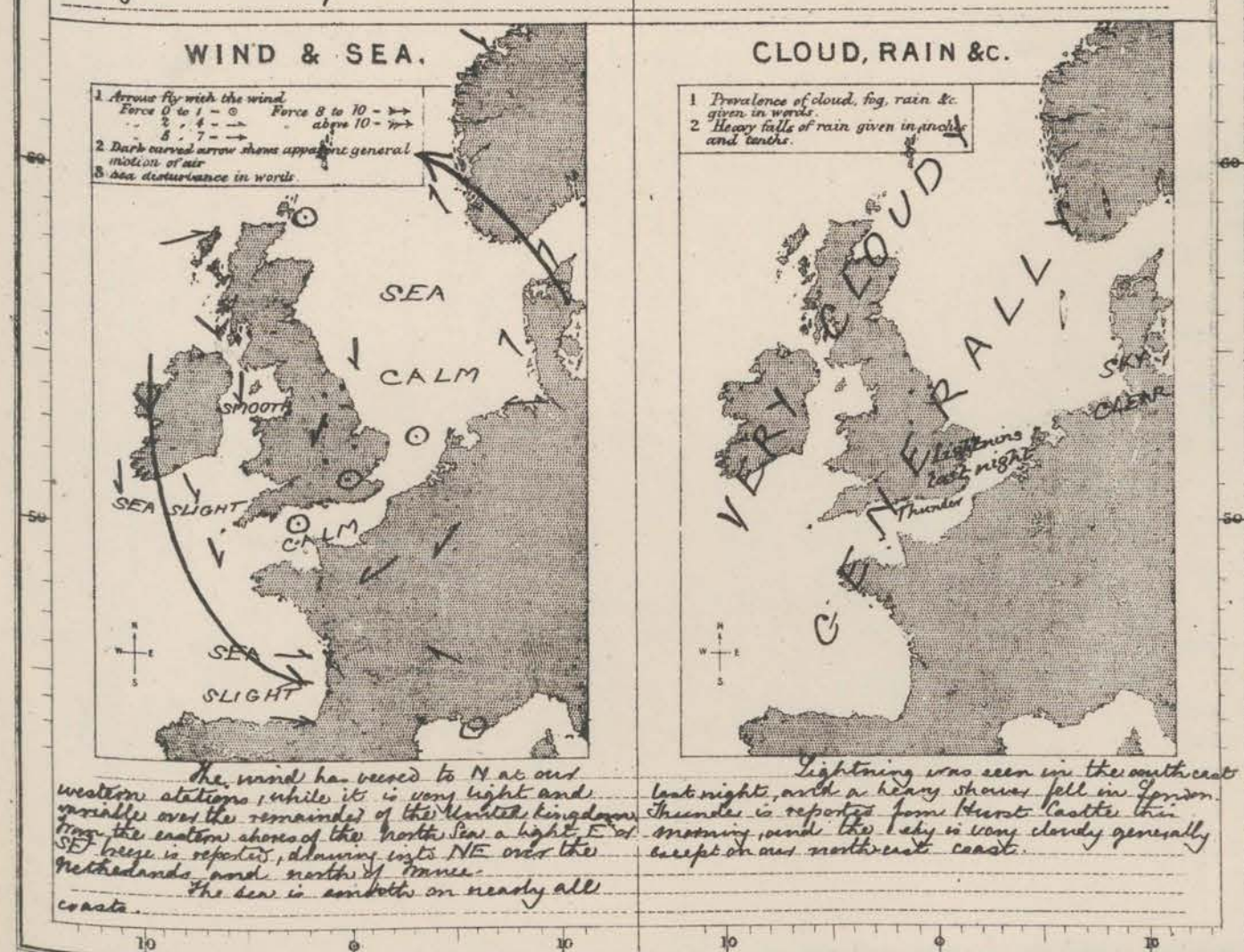
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEATHER CHARTS AND REMARKS FOR FRI DAY 10TH JULY 1874 AT 8 A.M.



A rather brisk rise of the barometer has taken place over the north of Scotland, while a slight fall is reported in the southwest. The highest readings are found in the south of Ireland and the lowest in the north of Scotland. The difference between Wexford and Thurso is only three tenths of an inch.

Temperature is rather lower this morning. During yesterday the thermometer rose to 90° in the shade in London, and to more than 85° at Oxford, Cambridge and Nottingham.



The wind has veered to N. at our western stations, while it is very light and variable over the remainder of the United Kingdom. From the eastern shores of the North Sea a light E. or SE breeze is reported, blowing into NE over the Netherlands and north of France. The sea is smooth on nearly all coasts.

Lightning was seen in the south-east last night, and a heavy shower fell in London. Thunder is reported from Hurst Castle this morning, and the sky is very cloudy generally except on our north-east coast.

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.

Satur - day 8 a.m.

WEATHER REPORT.

July 11th 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 ...	29.99	- .30	67	60	+2	*	*	S	2	2	S	*	c	*	*
Hernösand ...	30.12	- .18	63	59	+3	*	*	S	2	0	X	*	cc	*	*
Stockholm ...	30.20	- .12	69	59	+1	*	*	S	2	4	S	*	c	*	*
Wisby ...	30.29	- .14	64	60	+4	*	*	NN	2	2	NNN	*	b	*	*
Christiansund ...	30.05	- .10	55	54	-2	*	*	NNN	2	2	N	*	f	*	1
Skudesnaes ...	30.03	- .22	60	59	-4	*	*	NNN	2	4	S	*	or	*	2
Oxö (X'tiansand) ...	30.06	- .20	62	59	-1	*	*	ENE	4	4	NE	*	c	*	2
Skagen (The Skaw) ...	30.08	- .22	63	60	-2	*	*	SE	2	*	*	*	cc	-	*
Fanö ...	29.99	- .24	64	62	-3	*	*	ESE	2	*	*	*	bc	-	*
Cuxhaven ...	29.98f	- .20	69	69	+4	90	?	N	2	2	E	4	b	-	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	30.14f	+ .01	58	55	+1	63	48	NN	2	3	SSN	6	c	0.01	?
Thurso ...	30.07f	- .04	58	54	-1	63	51	N	1	2	NNE	6	a	-	1
Wick ...	30.09f	- .05	58	54	-1	64	54	N	1	1	E	?	a	-	0
Nairn ...	30.12s	- .05	58	52	-2	69	55	L	0	0	X	6	e	-	0
Aberdeen ...	30.08f	- .06	57	54	-5	63	52	NNE	1	1	N	10	ofm	-	0
Leith ...	30.10f	- .08	57	55	-6	74	52	NN	2	3	NN	8	cc	-	*
Shields ...	30.08f	- .09	60	56	-2	67	60	NNE	3	4	ESE	6	c	-	1
York ...	30.08f	- .08	60	59	-7	80	53	NNE	1	2	N	10	cc	-	*
Scarborough ...	30.05f	- .10	63	60	-1	66	57	NNN	3	3	N	10	cc	-	3
Nottingham ...	30.08f	- .09	67	65	-3	89	59	NNN	3	3	SE	10	btg	-	*
Ardrossan ...	30.10f	- .09	57	53	0	65	49	NNN	2	3	NNN	8	cc	-	1
Greencastle ...	30.15f	- .07	58	55	-1	64	56	X	0	2	N	10	cc	-	*
Donaghadee ...	30.12f	- .08	57	55	-1	65	49	NN	3	4	N	10	cc	-	2
Kingstown ...	30.17f	- .05	59	55	+2	65	57	ENE	1	3	NNE	9	cc	-	1
Holyhead ...	30.13f	- .05	56	52	-5	64	56	NNN	3	3	NNN	6	cc	-	2
Liverpool (Biddon Obs.) ...	30.08f	- .10	59	53	-7	69	58	NNN	2	3	NN	10	cc	-	2
Valencia ...	30.14f	- .11	59	56	+2	63	53	S	3	3	NN	8	cc	-	3
Roche's Point ...	30.15f	- .03	60	56	0	75	55	NN	1	4	N	8	cc	-	1
Pembroke ...	30.11f	- .07	59	56	0	64	50	N	3	3	N	9	cc	-	1
Portishead ...	30.07s	- .07	65	61	-1	80	59	N	3	4	N	10	ng	-	2
Scilly ...	30.10f	- .11	61	60	-1	67	59	NNN	4	4	NNN	7	c	-	4
Plymouth ...	30.08f	- .08	64	62	0	79	60	NNN	1	3	NN	10	af	-	*
Hurst Castle ...	30.05f	- .08	68	64	-3	75	63	NNN	1	2	SN	5	lf	0.01	1
Dover ...	30.01f	- .10	69	65	-3	75	62	SN	1	2	SN	3	b	-	0
London ...	30.03f	- .11	72	65	-2	88	66	NNE	1	3	SSE	10	cc	0.01	*
Oxford ...	30.04	- .08	65	60	-2	86	60	N	1	2	ENE	10	om	0.01	*
Cambridge ...	30.03s	- .11	61	60	-4	84	58	NN	1	1	NE	10	tm	0.14	*
Yarmouth ...	30.04f	- .09	63	62	-7	71	61	NNE	1	2	SE	6	lc	0.09	1
Helder ...	29.99	- .15	67	*	-4	*	*	NNN	2	*	*	*	*	*	2
Cape Gris Nez ...	30.01f	- .12	64	62	-2	83	62	SN	3	1	SN	4	of	-	3
Brest ...	30.20f	+ .04	60	58	-1	67	57	NNN	3	4	NNN	10	b	-	3
L'Orient ...	?	?	62	58	-3	?	?	NNN	3	5	NNN	8	o	-	2
Rochefort ...	30.12f	+ .01	66	62	-2	67	64	NN	5	5	SN	10	o	-	3
Biarritz ...	30.21f	+ .02	66	62	-1	68	63	NN	4	5	N	9	o	-	3
Corunna ...															
Brussels ...	30.02	- .10	73	*	+1	*	*	N	3	*	*	*	tc	*	*
Charleville ...	30.08	- .04	72	*	+2	*	*	E	3	*	*	*	b	*	*
Paris ...	30.10f	- .03	70	*	-3	80	70	NNN	4	4	NE	0	tb	0.32	*
Lyons ...	?	?	78	*	-1	*	*	NE	3	*	*	*	b	*	*
Toulon ...	30.08f	- .11	80	67	-2	92	71	NE	1	4	NN	5	cc	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	30.17	63	59	S	4	*	o	4	Valencia ...	30.26	61	55	NN	2	b	3
Thurso ...	30.10	61	54	NNE	2	4	c	1	Scilly ...	30.20	67	67	N	3	c	5
Scarborough...	30.13	65	61	N	2	1	b	2	London ...	30.08	82	68	NNW	2	ab	*
Greencastle ...	30.21	63	57	ENE	1	9	o	*	Rochefort...	30.15	?69	?64	SW	5	o	3
Holyhead ...	30.16	62	59	N	2	6	f	1								

The barometer has fallen slightly in London but is very little changed elsewhere. At our N stations the wind has "backed" a little.

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.

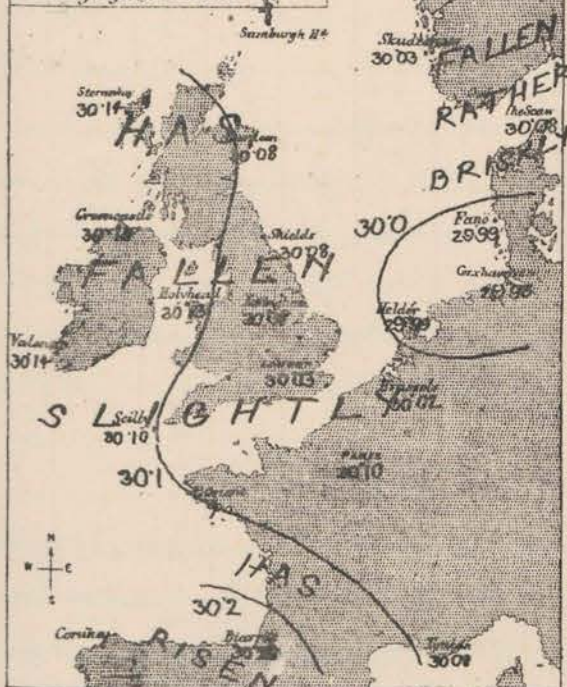
WEATHER CHARTS

AND REMARKS FOR

SATURDAY 11TH JULY 1874 AT 8 A.M.

BAROMETER.

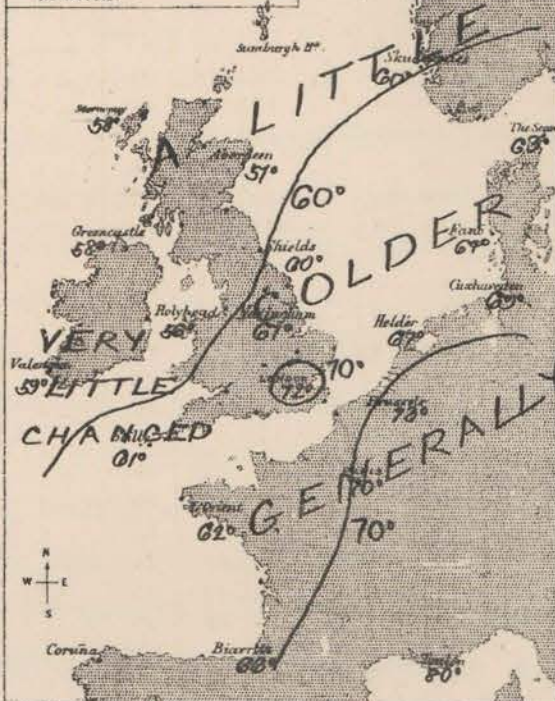
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The barometer has fallen in all parts of Western Europe except in the west of France. The decrease has been greatest over Denmark and the south of Norway, while over our Islands the change has been very slight, and readings are remarkably uniform.

TEMPERATURE.

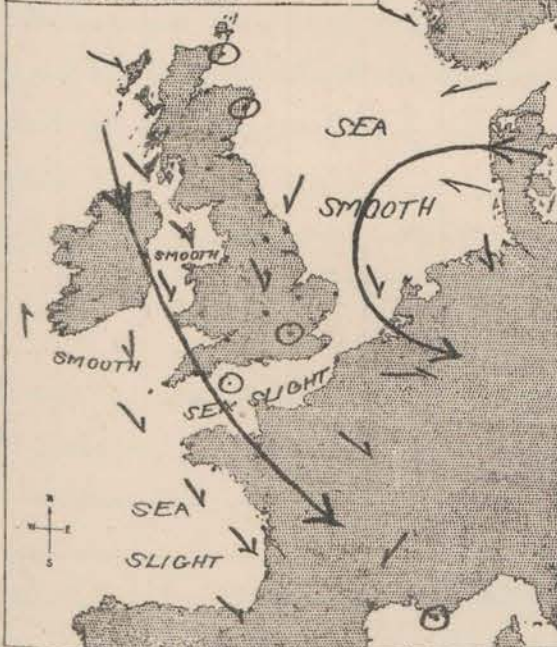
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen a little generally, and this morning the air over Central England is much denser than of late. During yesterday the thermometer rose to 85° in the shade in London, and the maximum last night was 65°.

WIND & SEA.

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



The wind is generally N^W over these Islands, drawing into NW in the west of France, while over Denmark an E breeze is reported. In France it is very light everywhere.

The sea is moderate to smoother generally.

CLOUD, RAIN & C.

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



Thunderstorms occurred over Central England last night, and some showers fell in the south east, but the effect was local. Dense fog prevailed at Aberdeen last evening and this morning the sky is very cloudy 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^t. Westminster, S.W.
ROBERT H. SCOTT, Director.

Dangerfield Lith. London.

SUMMARY OF WEATHER IN WESTERN EUROPE

from JULY 5TH to JULY 11TH 1874.

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

During the first two days an area of low pressure was passing over the N. of Sweden, but by 7th, this had disappeared and the barometer became very uniform over N. Europe and continued so to the close of the week. The wind consequently blew during the early part of this period from N² or SN² and from NN² to N² afterwards; in force it was light to moderate on all coasts. Temperatures have risen considerably and the maximum readings over central England have been very high. The sky has been clear generally, but thunderstorms have been rather prevalent, at our S. stations, during the last few days.

JULY 5TH - The mercury had risen considerably in the NW. of these Islands and to a less extent at all stations except in Norway and the SW. of France. The lowest barometer was found in the N. of Norway and gradients were slighter than at the close of last week. The wind continued SW¹ on the E. side of the North Sea but over the United Kingdom it had veered to N. or NW. and moderated generally. Over the Bay of Biscay light N¹ breezes were experienced. Temperatures had fallen a little except in the N. A little rain had fallen in the N. and the sky continued cloudy there, but was clear generally elsewhere.

JULY 6TH The barometer still fell in the SW. of France while the rise noticed in the N. yesterday had continued and extended to the Norwegian stations. A large area of high readings had been formed over the S. of our Islands but the gradients on either side were only 0.04 in. per 50 mls. A N¹ breeze was reported from all the more N. stations blowing lightly over the United Kingdom but fresh in the N. of Norway. In the E. of France a NE¹ wind prevailed drawing into E. over the Bay of Biscay. Temperatures had changed very irregularly but was somewhat lower in most places. A little rain had fallen in the N. and NW. where the sky was cloudy but at all other stations fine weather was reported. By two p.m. the barometer was falling slowly everywhere.

JULY 7TH - The barometer continued to fall over our Islands and France, but the area of high pressure noticed yesterday had extended E² and the mercury had risen somewhat over Norway and Denmark. Gradients were very slight. Over France and the Bay of Biscay the NE¹ to E¹ breeze still continued but in the N. and N. the wind had backed to S. or SW. drawing into N. over Denmark. Temperatures were very little changed in most places but had risen a little in the S. Thunder had occurred at Biarritz. The sky was still cloudy in the NW. but was moderately clear generally. In the afternoon the barometer was rising slowly at Rochefort.

JULY 8TH - The rise noticed at Rochefort yesterday had continued and extended to the S. of England during the night, while at the more N. stations the barometer still fell. A small area of high pressure lay over our E. counties but readings were very uniform over N. Europe. The winds were almost unaltered being S¹ to SW¹ in the N. and N. and light N¹ or NE¹ over the Channel and N. of France.

On the Norwegian and Danish coasts a light SE¹ breeze was experienced. Temperature had risen generally especially over central England where the thermometer rose above 80° during the day. The sky was moderately clear in most places and during the day the rise of the mercury extended to all stations.

JULY 9TH A very uniform, though slight, rise of the barometer had taken place generally but during the night a decrease had again commenced in the N. of Scotland and the gradient from Flures to Skudesnaes was 0.07 in. per 50 mls. The wind was very light on all coasts; from the S² at our N² and N² stations and from E. in Norway and the S. of France. Temperature had again risen generally and, during the day, reached 90° in London and 85° or more over central England. The sky was cloudy generally and in the evening a slight thunderstorm occurred in the SE.

JULY 10TH A rather brisk rise of the barometer had taken place in the N. of Scotland while in the SE. a slight fall was reported. A large area of high pressure lay over the Baltic but the difference between the readings at Wisby and Flures was only three-tenths of an inch. The wind had backed to the N² on our N² coasts while very variable airs prevailed elsewhere. At most of the Continental stations light breezes from between NE. and SE. were experienced. Temperature had fallen a few degrees generally, but rose to nearly 90° at some stations during the day. Thunder was reported from Hurst Castle and the sky was rather cloudy everywhere. In the evening thunderstorms again occurred in London and the S. of England but their effects were very local.

JULY 11TH The barometer had fallen at all stations, except in the N. of France. The decrease exceeded two tenths of an inch over Denmark and the S. of Norway but was very slight elsewhere, and readings were again very uniform over N² Europe. A light N² current prevailed over our Islands drawing into NW. over the Bay of Biscay, while over Denmark and the Skager Rack an E¹ breeze was experienced. Temperature had again decreased everywhere and during the day the thermometer reached 80° at London only. The sky was very cloudy generally with fog in the SW. During the morning the barometer fell somewhat in London and in the evening a heavy thunderstorm occurred, which was especially violent at the East end.

Sun-day 8 a.m.

WEATHER REPORT.

July 12th 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.	Dirco.	Force. (0 to 12.)	Force. (0 to 12.)	Dirco.				
Haparanda ...	30.02	+0.9	58	55	-9	*	*	S	2	4	S	*	sm	*	*
Hernösand ...	30.04	-0.8	61	58	-2	*	*	S	2	2	S	*	co	*	*
Stockholm ...	30.02	-1.8	69	62	0	*	*	SE	2	2	SSW	*	fo	*	*
Wisby ...	30.06	-2.3	72	62	-8	*	*	SSW	4	2	S	*	b	*	*
Christiansund ...	30.03	-0.2	53	51	-2	*	*	NNE	4	2	NNW	*	fb	*	2
Skudesnaes ...	29.89	-1.4	55	53	-5	*	*	NNW	6	6	NNN	*	co	*	2
Oxö (X'tiansand) ...	29.86	-2.0	62	60	0	*	*	NNE	2	4	ENE	*	co	*	2
Skagen (The Skaw) ...	29.85	-2.3	63	61	0	*	*	ENE	2	*	*	*	o	0.35	*
Fanö ...	29.82	-1.7	65	64	+1	*	*	NN	2	*	*	*	f	0.12	*
Cuxhaven ...	29.85f	-1.3	70	67	+1	?	55	WSW	2	1	S	Y	co	0.05	*
Sumburgh Head ...															
Stornoway (Ho- brides) ...	30.09r	-0.5	58	57	0	60	48	ENE	2	2	ENE	Y	cg	-	2
Thurso ...	30.05f	-0.2	56	53	-2	63	51	Z	0	1	N	Y	co	0.07	0
Wick ...	30.10f	+0.1	56	53	-2	61	52	E	1	1	E	9	o	-	0
Nairn ...	30.08r	-0.4	57	50	-1	66	53	NE	1	1	NE	0	b	-	0
Aberdeen ...	30.06s	-0.2	55	53	-2	61	51	NNE	1	1	NE	9	ro	0.35	1
Leith ...	30.08r	-0.2	55	53	-2	61	52	E	3	2	E	8	o	0.12	*
Shields ...	30.01f	-0.7	56	55	-4	68	55	N	3	3	NNE	9	or	0.03	1
York ...	30.03s	-0.5	59	57	-1	67	56	N	1	1	N	9	o	0.09	*
Scarborough ...	30.02r	-0.3	57	56	-6	64	56	N	2	3	NNW	10	rd	0.18	2
Nottingham ...	30.05r	-0.3	68	62	+1	71	52	NNW	1	3	NN	2	gb	0.01	*
Ardrossan ...	30.07r	-0.3	59	56	+2	64	52	NN	2	3	NN	Y	e	0.05	2
Greencastle ...	30.09f	-0.6	62	56	+4	62	51	NE	1	3	NN	3	bg	0.01	*
Donaghadee ...	30.04f	-0.8	58	57	+1	62	48	N	4	4	N	3	co	-	2
Kingstown ...	30.07f	-1.0	61	57	+2	?	58	SE	2	3	E	9	og	?	1
Holyhead ...	30.05f	-0.8	58	56	+2	62	55	NNW	2	3	NNW	2	cb	-	1
Liverpool (Bidston Obs.) ...	30.02f	-0.6	59	55	0	63	54	N	2	3	NNW	5	co	-	1
Valencia ...	30.01f	-1.3	60	51	+1	66	52	SSW	3	5	S	Y	me	0.05	3
Roche's Point ...	30.01f	-1.4	60	54	0	73	55	SE	4	4	SE	9	ow	0.55	3
Pembroke ...	30.05r	-0.6	61	57	+2	66	54	ESE	1	3	?	9	ge	-	1
Portishead ...	30.01r	-0.6	64	57	-1	75	54	Z	0	4	NE	10	o	-	0
Scilly ...	30.04f	-0.6	65	64	+4	67	60	SSW	2	4	N	6	af	0.02	7
Plymouth ...	30.06r	-0.2	63	61	-1	73	56	Z	0	2	NN	10	co	-	*
Hurst Castle ...	30.05r	0.0	67	61	-1	73	60	Z	0	4	SN	1	cb	-	0
Dover ...	30.00r	-0.1	63	60	-6	73	61	NNE	3	3	SN	10	tea	-	1
London ...	30.03f	0.0	69	62	-3	82	60	NNE	1	3	SN	2	tlb	0.19	*
Oxford ...	30.03	-0.1	61	55	-4	77	54	N	1	2	NN	1	bg	-	*
Cambridge ...	30.02r	-0.1	62	59	+1	75	58	NN	1	1	NN	10	nto	-	*
Yarmouth ...	30.01r	-0.3	63	60	0	69	57	NE	1	1	NE	10	nto	0.04	1
Helder ...															
Cape Gris Nez ...	29.98s	-0.3	60	60	-4	71	59	WSW	1	3	SW	10	cf	-	1
Brest ...	30.12f	-0.8	61	59	+1	66	57	WSW	3	4	NNN	10	o	-	2
L'Orient ...	?	?	60	58	-2	?	?	Z	0	5	NN	9	co	-	1
Rocheport ...	30.10r	-0.2	66	59	0	67	61	N	3	5	NN	5	co	-	3
Biarritz ...	30.15f	-0.6	63	61	-3	68	60	E	3	3	NN	9	o	-	3
Corunna ...															
Brussels ...	29.99	-0.3	67	*	-6	*	*	WSW	1	*	*	*	ro	*	*
Charleville ...	30.04	-0.8	65	*	-7	*	*	N	3	*	*	*	o	*	*
Paris ...	30.04r	-0.6	63	*	-7	82	60	N	4	7	WSW	10	o	0.32	*
Lyons ...	?	?	77	*	-1	*	*	NN	3	*	*	*	e	*	*
Toulon ...	20.95	-1.3	81	67	+1	92	73	E	1	3	NN	4	ob	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.99	66	60	NN	4	*	2	Valencia ...	30.06	61	59	S	5	8	9
Thurso ...	30.06	60	55	NNN	1	7	0	Scilly ...	30.14	66	62	NNN	4	4	0
Scarborough ...	30.04	61	60	NNN	3	10	2	London ...	29.96	77	69	NNN	1	10	0
Greencastle ...	30.13	59	59	NN	1	10	d	Rocheport ...	30.13	67	60	NN	5	10	0
Holyhead ...	30.11	60	55	NN	3	6	0								

Pressure has begun to give way at Valencia and the S^W wind has increased a little, at London, also a fall has occurred and a thunderstorm appears to be gathering.

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 12TH JULY 1874 AT 8 A.M.



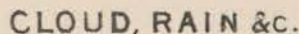
- The barometer has again fallen over Western Europe since yesterday but during the night a recovery has commenced on all but our western coasts. Readings are still very ununiform, though lowest over Denmark.



- Temperature has risen slightly at some of our western stations, but fallen a little in most other places. The maximums reported from central England are considerably lower than those given yesterday.



- Light S^W and SE^W breezes have set in on our south west coasts but in the east the N^W winds continue. On the eastern slopes of the North Sea the wind circulates round the regions of low pressure being light from E on the Hager Rock but NW and N in the south of Denmark. The sea is slight generally.



- Yesterday afternoon a severe thunderstorm accompanied by exceedingly heavy rain passed over the north and east of London but was very local in its effects, and thunder and lightning occurred at most of our south east stations in the evening. The sky is very cloudy generally.

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

Mon- day 8 a.m.

WEATHER REPORT.

July 13th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Distur- ance 0 to 9.	
	At 8 A.M. — 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 ...	29.81	-.22	53	53	0	*	*	NNE	2	4	NNE	*	sm	*	1
Skudesnaes ...	29.95	+.06	49	48	-.6	*	*	NNN	8	6	NNN	*	or	*	4
Oxö (X'tiansand) ...	29.87	+.01	55	50	-.7	*	*	N	6	2	SN	*	cb	*	4
Skagen (The Skaw) ...	29.91	+.06	57	54	-.6	*	*	NN	8	*	*	*	b	0.28	*
Fanö ...	30.09	+.27	60	53	-.5	*	*	NN	4	*	*	*	c	-	*
Cuxhaven ...	30.15r	+.30	61	56	-.9	69	9	NN	3	4	NN	7	or	-	*
Stumburgh Head ...															
Stornoway (Hebrides) ...	30.06f	-.03	57	53	-.1	60	42	NE	2	2	NE	0	b	-	3
Thurso ...	30.05r	.00	54	50	-.2	64	49	E	1	1	N	8	or	-	1
Wick ...	30.09r	-.01	55	51	-.1	61	47	E	1	1	E	3	ob	-	0
Nairn ...	30.07r	-.01	55	49	-.2	66	45	E	0	1	ENE	6	bc	-	0
Aberdeen ...	30.06f	.00	59	57	+.4	61	52	S	1	1	NNE	0	cb	-	1
Leith ...	30.08r	.00	55	54	0	67	46	E	2	2	E	8	br	-	*
Shields ...	30.11r	+.10	57	55	+	60	52	SSE	2	3	NE	8	cor	0.02	2
York ...	30.13r	+.10	59	58	0	72	54	E	1	1	N	10	or	0.30	*
Scarborough ...	30.07s	+.05	55	55	-.2	60	53	SE	2	2	NNN	10	ra	0.11	2
Nottingham ...	30.12f	+.07	66	64	-.2	81	60	SSE	1	3	N	10	ew	-	*
Ardrossan ...	30.06r	-.01	59	56	0	72	52	NE	1	2	SN	8	cm	-	0
Greencastle ...	30.02f	-.07	61	58	-.1	63	58	SSE	2	4	ENE	10	bg	-	*
Donaghadee ...	30.03f	-.01	58	57	0	64	44	ESE	3	4	N	10	br	-	1
Kingstown ...	30.05f	-.02	63	60	+.2	65	58	SSE	4	3	SE	9	or	0.01	2
Holyhead ...	30.07r	+.02	59	58	+.1	63	57	SN	1	2	NNN	10	rm	0.21	0
Liverpool (Bidston Obs.) ...	30.07r	+.05	66	62	+.7	69	57	SE	1	5	N	10	cor	0.16	1
Valencia ...	29.97f	-.04	61	60	+.1	67	52	SSW	4	4	NN	8	cm	0.12	4
Roche's Point ...	30.03f	+.02	63	63	+.3	74	60	SSW	3	4	SE	10	ar	0.15	3
Pembroke ...	30.09r	+.04	62	61	+.1	68	59	SSW	2	2	ESE	9	fw	0.02	2
Portishead ...	30.10r	+.09	70	65	+.6	77	?	NSW	1	3	NNN	10	fg	0.03	1
Scilly ...	30.10r	+.06	64	63	-.1	67	62	S	3	4	NSW	10	f	-	2
Plymouth ...	30.12r	+.06	64	63	+.1	66	61	S	1	1	SN	10	do	0.01	*
Hurst Castle ...	30.15r	+.10	63	62	-.4	73	62	NSW	2	4	SN	10	bm	-	3
Dover ...	30.14r	+.14	61	60	-.2	68	59	SW	1	2	SSE	6	e	-	1
London ...	30.14r	+.11	66	63	-.3	79	58	SSW	1	2	N	10	ba	-	*
Oxford ...	30.11	+.08	66	62	+.5	80	58	S	1	2	NN	10	ag	-	*
Cambridge ...	30.11r	+.09	66	62	+.4	78	61	SSW	1	1	NN	7	bc	-	*
Yarmouth ...	30.14r	+.13	61	60	-.2	67	59	SE	3	3	ESE	10	br	-	2
Helder ...	30.18		63	*		*	*	N	2	*	*	*	*	*	2
Cape Gris Nez ...	30.14r	+.16	62	60	+.2	72	59	SN	3	3	NSW	9	fo	0.04	2
Brest ...	30.17r	+.05	60	60	-.1	68	58	SSW	3	4	SN	10	of	-	3
L'Orient ...	?	?	58	58	-.2	?	?	NE	1	3	NNN	10	cf	-	2
Rocheport ...	30.12r	+.02	67	63	+.1	67	60	E	3	5	NN	0	b	-	3
Biarritz ...	30.11r	-.04	66	64	+.3	69	59	E	3	4	NNE	3	cf	-	3
Corunna ...				*		*	*				*	*	*	*	*
Brussels ...	30.13	+.14	66	*	-.1	*	*	NN	3	*	*	*	c	*	*
Charleville ...	30.19	+.15	67	*	+.2	*	*	E	3	*	*	*	c	*	*
Paris ...	30.18r	+.14	67	*	+.4	75	62	N	4	4	NNN	0	cb	-	*
Lyons ...	?	?	76	*	-.1	*	*	N	1	*	*	*	b	*	*
Toulon ...	30.09r	+.14	77	70	-.4	91	73	NE	1	5	NN	2	fb	-	3

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

Stations.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Stations.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.86	53	52	NNN	6	*	+	Valencia ...							
Thurso ...								Scilly ...							
Scarborough ...								London ...							
Greencastle ...							*	Rocheport ...	30.13	70	76	N	4	0	6
Holyhead ...															

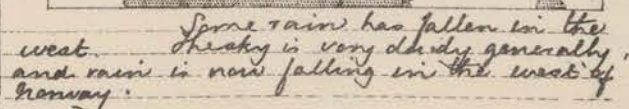
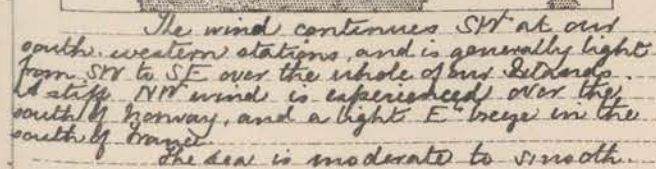
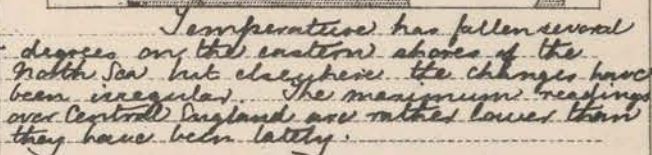
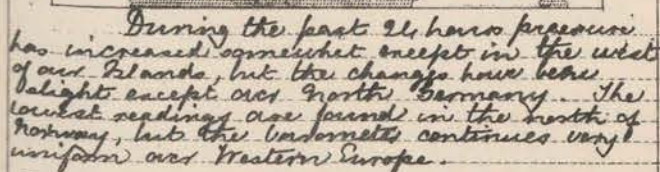
EXPLANATION OF COLUMNS.

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

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

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

MON DAY 13TH JULY 1874 AT 8 A.M.



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

Tues-day 8 a.m.

WEATHER REPORT.

July 14th 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 ...	30.04		66	61		*	*	S	2	2	S	*	ab	*	*
Hernösand ...	29.79		61	59		*	*	NNN	2	2	S	*	ao	*	*
Stockholm ...	29.84		59	53		*	*	SN	2	0	Z	*	cb	*	*
Wisby ...	30.01		57	53		*	*	N	4	1	N	*	be	*	*
Christiansund ...	30.05	+ .24	48	47	-5	*	*	Z	0	2	N	*	or	*	1
Skudesnaes ...	30.01	+ .06	52	47	+3	*	*	NNN	6	2	NNN	*	o	*	2
Oxö (X'tiansand) ...	29.90	+ .03	55	49	0	*	*	N	4	6	N	*	b	*	3
Skagen (The Skaw) ...	29.91	.00	57	53	0	*	*	N	4	*	*	*	c	—	*
Fanö ...	30.03	- .06	62	59	+2	*	*	SN	2	*	*	*	c	—	*
Cuxhaven ...	30.08f	- .07	65	62	+4	?	56	SN	2	2	NNN	8	or	—	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.82f	- .24	58	58	+1	62	55	SSE	1	2	NE	10	or	0.28	2
Thurso ...	29.83f	- .22	56	56	+2	63	53	ESE	3	4	ESE	9	or	0.23	3
Wick ...	29.84f	- .25	55	55	0	62	52	SE	2	3	ESE	10	or	0.21	2
Nairn ...	29.84f	- .23	58	55	+3	63	54	Z	0	0	Z	10	bd	0.16	1
Aberdeen ...	29.85f	- .21	59	58	0	65	56	S	1	2	S	10	bm	0.21	1
Leith ...	29.88f	- .20	68	65	+13	69	54	NNN	3	2	E	7	oe	0.46	*
Shields ...	29.93f	- .18	65	64	+8	66	56	NNN	3	3	N	6	roc	0.45	1
York ...	29.99f	- .14	67	60	+8	73	57	SN	1	1	SN	8	o	0.23	*
Scarborough ...	29.95f	- .12	64	64	+9	64	55	NSN	4	4	NSN	10	ro	0.16	3
Nottingham ...	30.03f	- .09	68	67	+2	82	62	SN	2	3	SN	10	ag	0.01	*
Ardrossan ...	29.92f	- .14	61	58	+2	64	59	NNN	1	1	ESE	5	mc	0.26	1
Greencastle ...	29.94f	- .08	59	58	-2	66	58	SN	3	4	SSE	10	rg	1.08	*
Donaghadee ...	29.95f	- .08	60	59	+2	61	56	E	4	4	E	4	c	0.31	2
Kingstown ...	30.025	- .03	62	58	-1	68	60	N	3	4	SSE	7	dc	0.08	2
Holyhead ...	? 30.00f	- .07	61	59	+2	67	58	NNN	1	3	SSN	6	nfc	0.10	0
Liverpool (Bidston Obs.) ...	30.00f	- .07	62	61	-4	72	61	N	3	4	N	10	or	0.63	1
Valencia ...	30.03f	+ .06	61	58	0	66	55	NSN	3	4	SN	4	e	0.03	3
Roche's Point ...	30.03f	.00	60	56	-3	72	56	N	4	4	SSN	4	mc	0.18	3
Pembroke ...	30.05f	- .04	61	61	-1	64	60	SN	2	2	SN	10	of	0.10	2
Portishead ...	30.04f	- .06	72	66	+2	79	60	SN	3	3	SN	5	c	—	1
Scilly ...	30.08f	- .02	65	64	+1	73	62	SSN	4	4	SSN	10	f	0.07	2
Plymouth ...	30.08f	- .04	63	63	-1	69	61	Z	0	2	SSE	10	of	0.01	*
Hurst Castle ...	30.09f	- .06	66	62	+3	73	62	N	1	3	SN	10	bo	—	2
Dover ...	30.09f	- .05	68	63	+7	69	58	SN	3	3	SN	2	cb	—	1
London ...	30.08f	- .06	67	63	+1	79	58	N	1	3	S	3	cb	—	*
Oxford ...	30.06	- .05	65	61	-1	82	59	NSN	1	2	S	2	ab	—	*
Cambridge ...	30.05f	- .06	69	63	+3	81	60	SN	1	1	SN	1	b	—	*
Yarmouth ...	30.05f	- .09	67	63	+6	68	60	NSN	2	4	SSE	4	fw	—	1
Helder ...	30.06	- .12	66	*	+*	*	*	SN	4	*	*	*	*	*	2
Cape Gris Nez ...	30.08f	- .06	66	62	+4	69	60	Z	0	1	NSN	0	b	—	1
Brest ...	30.10f	- .07	59	57	-1	72	54	N	3	3	N	10	f	—	3
L'Orient ...	?	?	66	62	+8	?	?	E	1	3	NN	1	bb	—	1
Rochefort ...	30.02f	- .10	72	65	+5	77	64	E	3	4	NN	0	b	—	3
Biarritz ...	29.99f	- .12	73	69	+7	79	66	SN	1	5	?	5	bf	—	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.10	- .03	72	*	+6	*	*	E	1	*	*	*	b	*	*
Charleville ...	? 30.14	- .05	71	*	+4	*	*	E	1	*	*	*	?	*	*
Paris ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Lyons ...	?	?	77	*	+1	*	*	N	1	*	*	*	b	*	*
Toulon ...	30.123	+ .03	77	72	0	88	70	E	1	1	SN	3	ef	—	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	30.04	53	47	NN	6	*	o	4	Valencia ...	29.98	64	63	SN	4	8
Thurso ...	30.04	62	54	ESE	2	2	6	2	Scilly ...	30.12	70	67	SSN	3	10
Scarborough ...	30.05	60	59	SE	2	10	o	2	London ...	30.12	75	66	SSN	2	5
Greencastle ...	29.93	65	61	SSE	3	9	o	*	Rochefort ...	30.13	? 77	? 68	NN	3	0
Holyhead ...	30.07	65	63	SSN	3	7	m	1							

The barometer has risen slightly in the SN. while it has fallen elsewhere. The wind at Rochefort has shifted to NN.

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.

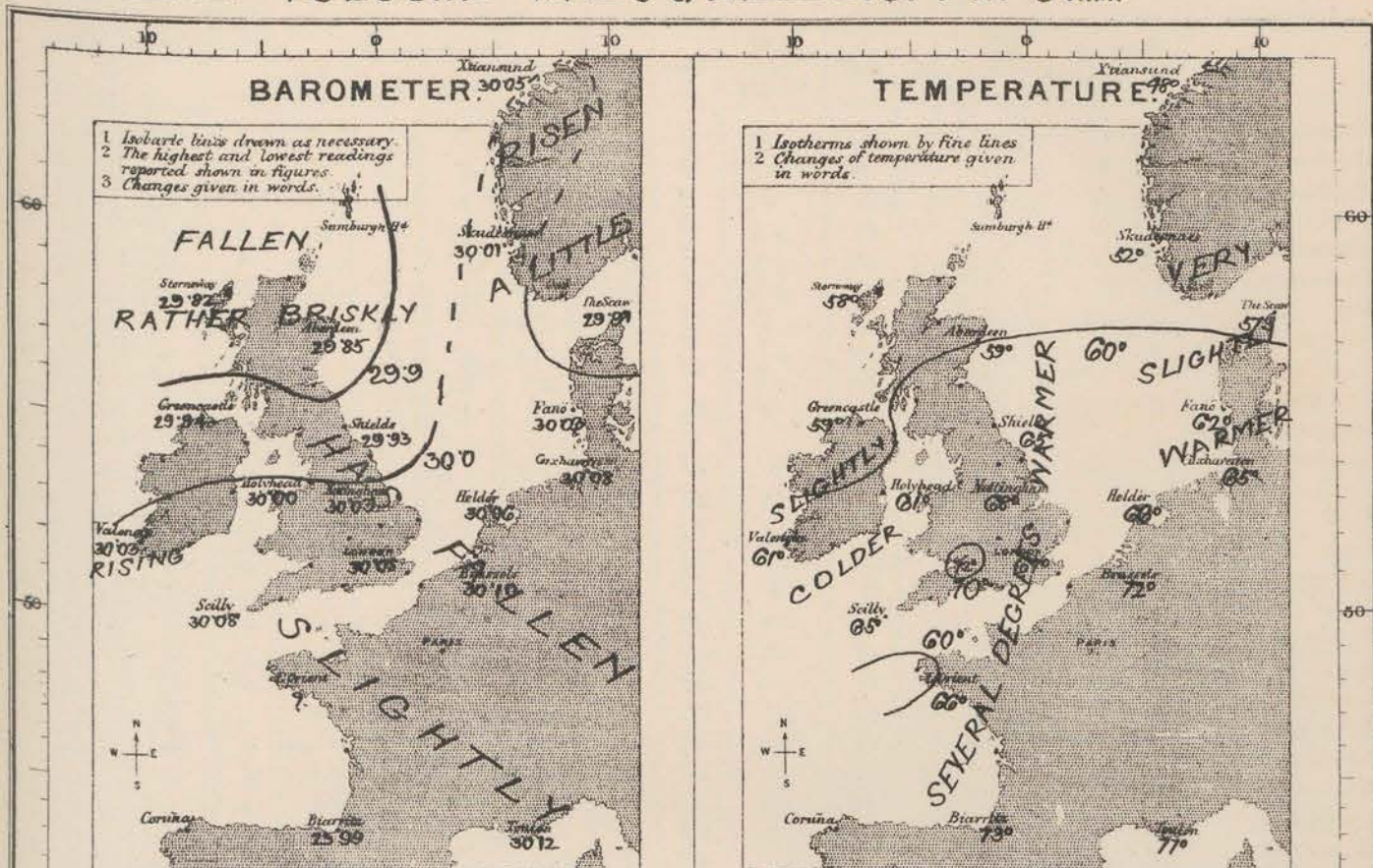
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

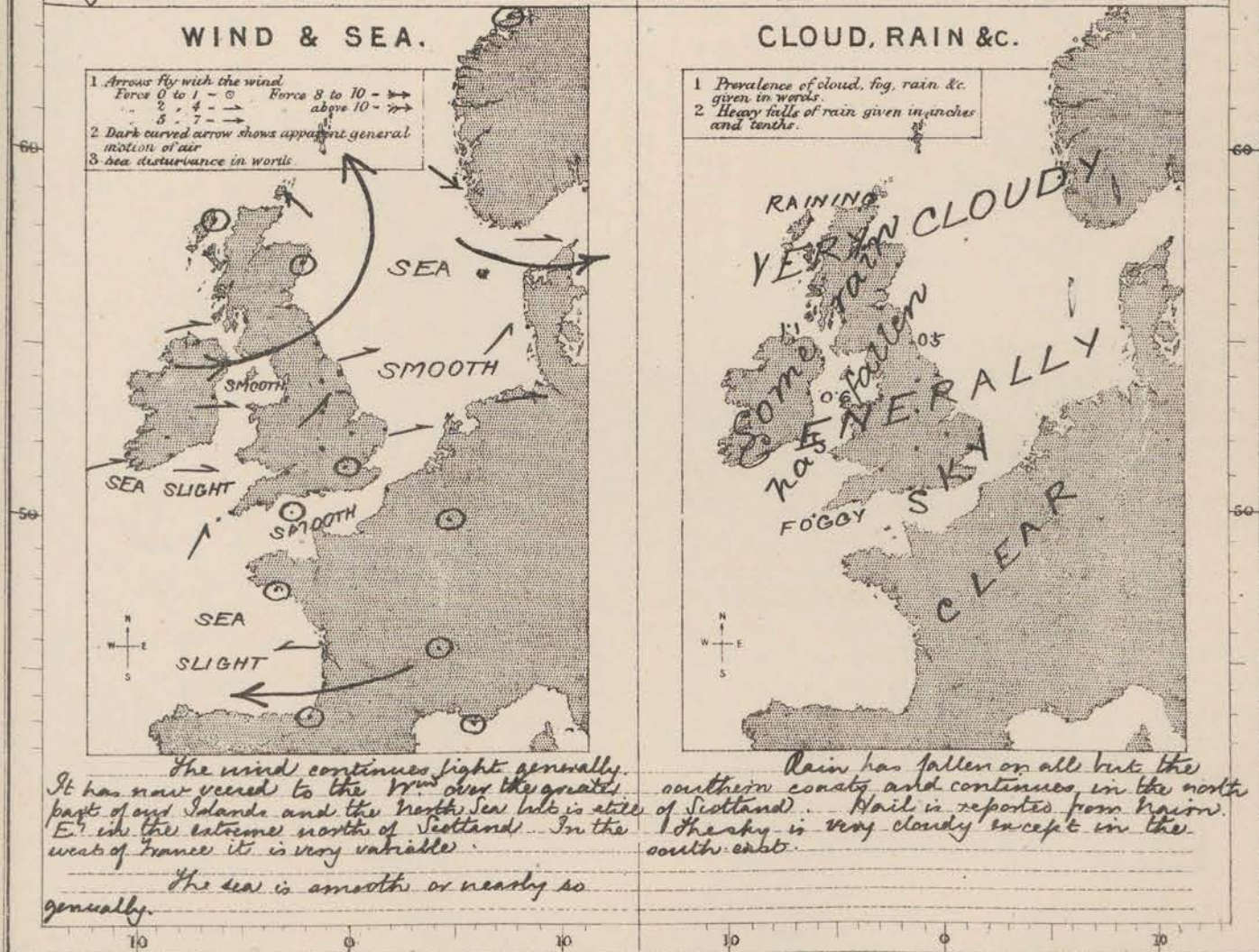
AND REMARKS FOR

TUESDAY 14TH JULY 1874 AT 8 A.M.



The fall of the barometer noticed in the west yesterday appears to have been caused by a depression whose centre has now advanced to the Scotch stations, where the mercury has fallen a quarter of an inch. A second depression appears over the south of Norway. Readings are highest over France, but gradients are slight everywhere.

Temperature has risen several degrees on our east coast and over France but only slightly elsewhere. Over the (central) parts of England the thermometer rose to above 80° in the shade yesterday.



Wednesday day 8 a.m.

WEATHER REPORT.

July 15th

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 ...	29.86	- .18	55	51	-11	*	*	N	8	4	SW	*	0	*	*
Hernösand ...	29.81	+ .02	58	57	-3	*	*	N	2	2	N	*	0	*	*
Stockholm ...	29.76	- .08	59	56	0	*	*	NN	2	0	Z	*	0	*	*
Wisby ...	29.91	- .10	60	56	+2	*	*	N	2	3	SW	*	0	*	*
Christiansund ...	30.01	- .04	51	46	+3	*	*	NE	4	6	ENE	*	0	*	4
Skudesnaes ...	29.89	- .12	58	53	+6	*	*	NNN	4	6	NN	*	0	*	2
Oxö (X'tiansand) ...	29.82	- .08	55	53	0	*	*	NSN	4	6	N	*	0	*	2
Skagen (The Skaw) ...	29.83	- .08	58	57	+1	*	*	NSW	2	*	*	*	0	*	*
Fanö ...	29.93	- .10	68	63	+6	*	*	N	4	*	*	*	0.04	*	*
Cuxhaven ...	29.99f	- .09	65	64	0	80	?	NN	2	2	NNN	7	0.05	*	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	30.06r	+ .24	58	56	0	65	54	NNN	1	3	N	10	0.05	1	1
Thurso ...	30.03r	+ .20	51	51	-5	58	50	SE	2	3	ESE	10	0.05	2	2
Wick ...	30.07r	+ .23	51	51	-4	60	50	SE	2	2	SE	10	0.66	2	2
Nairn ...	30.07r	+ .23	61	57	+3	69	57	N	1	1	N	8	0.07	2	2
Aberdeen ...	30.06r	+ .21	59	57	0	68	51	NNN	1	1	S	9	0.64	1	1
Leith ...	30.10r	+ .22	65	62	-3	72	53	NN	2	3	?	5	-	*	2
Shields ...	30.11r	+ .18	63	58	-2	71	57	NN	3	4	NNN	2	-	*	2
York ...	30.13r	+ .14	66	60	-1	78	52	NNN	1	3	NSN	3	-	*	*
Scarborough ...	30.01r	+ .06	66	60	+2	73	54	NNN	2	5	N	4	-	1	1
Nottingham ...	30.09r	+ .06	72	67	+4	82	52	SN	3	4	NNN	0	-	*	*
Ardrossan ...	30.13r	+ .21	60	56	-1	65	57	SN	1	3	SN	6	-	1	1
Greencastle ...	30.13r	+ .19	62	60	+3	64	58	Z	0	4	NSN	4	0.12	*	*
Donaghadee ...	30.12r	+ .17	62	60	+2	68	55	?	?	4	E	2	-	1	1
Kingstown ...	30.16r	+ .14	63	60	+1	68	61	ESE	2	3	N	9	-	1	1
Holyhead ...	30.14r	+ .14	62	59	+1	71	59	SN	1	3	SSN	3	-	0	0
Liverpool (Bidston Obs.) ...	30.14r	+ .14	64	60	+2	67	57	NNN	3	3	N	3	-	2	2
Valencia ...	30.14r	+ .11	62	59	+1	68	57	SN	3	3	NSN	6	0.12	3	3
Roche's Point ...	30.15r	+ .12	64	60	+4	73	55	NSN	2	3	N	6	-	2	2
Pembroke ...	30.16r	+ .11	62	60	+1	67	55	Z	0	2	NNN	4	-	1	1
Portishead ...	30.14r	+ .10	69	62	+3	80	54	N	2	4	N	0	-	1	1
Scilly ...	30.07r	- .01	64	62	-1	71	60	E	2	2	E	5	-	2	2
Plymouth ...	30.15r	+ .07	65	62	+2	73	56	SE	1	2	SN	0	-	*	*
Hurst Castle ...	30.13r	+ .04	68	62	+2	75	59	NE	1	3	SN	0	-	2	2
Dover ...	?	?	72	62	+4	82	63	NNE	3	3	SN	2	-	2	2
London ...	30.14r	+ .06	70	62	+3	87	61	ENE	1	2	NSN	4	-	*	*
Oxford ...	30.14	+ .08	68	60	+3	82	55	N	1	2	SN	9	-	*	*
Cambridge ...	30.13r	+ .08	66	59	-3	83	59	N	1	1	SN	0	-	*	*
Yarmouth ...	30.13r	+ .08	66	61	-1	79	60	N	2	3	SSE	7	-	?	?
Helder ...	30.05	- .01	65	*	-1	*	*	NNN	3	*	*	*	-	2	2
Cape Gris Nez ...	30.12r	+ .04	66	62	0	73	62	NE	1	1	SN	2	-	1	1
Brest ...	30.15r	+ .05	60	58	+1	76	56	NE	4	4	N	4	-	2	2
L'Orient ...	?	?	66	62	0	68	?	ENE	4	4	NE	1	-	2	2
Rochefort ...	30.03r	+ .01	73	66	+1	77	66	E	3	4	NN	0	-	3	3
Biarritz ...	30.07f	+ .08	69	67	-4	73	66	SW	1	5	N	8	-	3	3
Corunna ...			*	*		*	*		*	*	*	*	-	*	*
Brussels ...	30.07	- .03	74	*	+2	*	*	NE	3	*	*	*	-	*	*
Charleville ...	30.16	+ .02	71	*	0	*	*	?	?	*	*	*	-	*	*
Paris ...	30.08r	- .02	72	*	-1	85	68	N	3	7	NNE	4	-	*	*
Lyons ...	?	?	81	*	+4	*	*	SE	1	*	*	*	-	*	*
Toulon ...	30.13r	+ .01	76	71	-1	86	71	E	1	1	NN	3	-	2	2

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		
Skudesnaes ...	29.96	54	49	nnn	6	*	c	3	Valencia ...	30.08	67	61	nsn	3	6	c	3
Thurso ...	29.80	57	56	z	0	9	o	2	Scilly ...	30.11	70	66	z	0	6	c	1
Scarborough...	29.95	72	65	n	5	2	b	3	London ...	30.03	79	67	nsn	2	6	bc	*
Greencastle ...	29.96	64	61	nsn	4	7	c	*	Rochefort...	30.04	82	71	nn	3	0	b	3
Holyhead ...	30.05	69	64	ssn	3	4	c	1									

Pressure has increased a little in the SW. but changed irregularly elsewhere. The winds show no decided change.

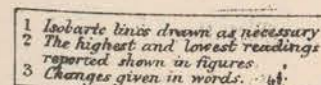
EXPLANATION OF COLUMNS.

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.

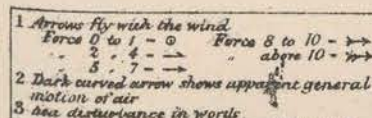
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEDNESDAY 15TH JULY 1874 AT 8 A.M.



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

Temperature has risen a little in most places but there are some local irregularities reported. In London it rose to 84° in the shade yesterday.



CLOUD, RAIN &c.

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

Some more rain has fallen in the north of Scotland, and continues in Eastherness. Thunder has occurred at Aberdeen and Bervie. The sky is clear in many places, rather cloudy in others.

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

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

Dangerfield Lith. London

Thurs-day 8 a.m.

WEATHER REPORT.

July 16th

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 ...	29.91	+ .05	47	46	- 8	*	*	N	6	4	N	*	r	*	*
Hernösand ...	29.91	+ .10	50	47	- 8	*	*	NN	4	2	NN	*	o	*	*
Stockholm ...	29.89	+ .13	56	52	- 3	*	*	NNN	4	4	N	*	o	*	*
Wisby ...	30.01	+ .10	60	57	0	*	*	N	4	4	N	*	be	*	?
Christiansund ...	30.25	+ .24	56	50	+ 5	*	*	NNE	4	4	NNE	*	c	*	*
Skudesnaes ...	30.12	+ .24	58	53	0	*	*	NN	6	6	NNN	*	b	*	2
Oxö (Christiansand) ...	30.02	+ .20	58	53	+ 3	*	*	NE	6	4	SW	*	b	*	4
Skagen (The Skaw) ...	30.04	+ .21	60	57	+ 2	*	*	NE	2	*	*	*	c	-	*
Fanö ...	30.11	+ .18	56	52	- 12	*	*	NN	4	*	*	*	o	-	*
Cuxhaven ...	30.16r	+ .17	60	55	- 5	68	?	NN	4	4	N	9	o	-	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	30.19r	+ .13	63	60	+ 5	63	50	E	1	1	E	2	ob	0.01	0
Thurso ...	30.22r	+ .19	56	53	+ 5	56	50	ESE	2	2	ESE	8	o	0.02	1
Wick ...	30.25r	+ .18	55	52	+ 4	55	50	E	2	2	E	5	c	0.01	0
Nairn ...	30.23r	+ .16	58	50	- 3	70	55	NE	1	1	N	4	oc	-	1
Aberdeen ...	30.25r	+ .19	56	53	- 3	62	54	SE	1	1	NNN	9	o	0.03	1
Leith ...	30.25r	+ .15	56	50	- 9	74	53	E	2	2	NN	10	co	-	*
Shields ...	30.22r	+ .11	67	60	+ 4	69	57	E	1	2	SE	7	c	-	1
York ...	30.25r	+ .12	61	58	- 5	74	56	S	1	1	SW	5	oc	-	*
Scarborough ...	30.24r	+ .23	59	57	- 7	66	57	SSE	3	3	SSE	10	co	-	3
Nottingham ...	30.25r	+ .16	66	64	- 6	80	58	NNE	3	3	SW	2	bm	-	*
Ardrossan ...	30.22r	+ .09	61	58	+ 1	68	56	NNE	3	3	NNE	8	cf	-	2
Greencastle ...	30.17s	+ .04	63	60	+ 1	65	61	ESE	1	3	ENE	9	co	-	*
Donaghadee ...	30.19r	+ .07	60	58	- 2	63	53	N	3	4	S	2	cb	-	2
Kingstown ...	30.20s	+ .04	61	58	- 2	69	59	SE	2	3	ESE	4	oc	-	1
Holyhead ...	30.17r	+ .03	62	62	0	70	60	Z	0	2	NNN	6	bg	-	0
Liverpool (Bidston Obs.) ...	30.20r	+ .06	64	58	0	71	56	ESE	2	2	E	9	bo	-	1
Valencia ...	30.10f	- .04	65	60	+ 3	69	57	SSW	2	3	SW	6	c	-	2
Roche's Point ...	30.15f	- .00	65	61	+ 1	76	55	SE	2	3	SW	3	b	-	2
Pembroke ...	30.15f	- .01	64	61	+ 2	68	59	ESE	3	3	ESE	5	rm	-	2
Portishead ...	30.18r	+ .04	68	62	- 1	79	60	NE	2	3	NNN	7	c	-	1
Scilly ...	30.12f	+ .05	65	63	+ 1	72	60	E	2	3	N	6	c	-	1
Plymouth ...	30.14r	- .01	67	62	+ 2	73	60	E	4	4	E	3	b	-	*
Hurst Castle ...	30.18r	+ .05	69	60	+ 1	77	60	E	2	3	E	3	bo	-	2
Dover ...	30.21r	?	67	61	- 5	73	60	ENE	3	3	E	3	b	-	3
London ...	30.21r	+ .07	68	63	- 2	80	57	ESE	2	2	ESE	3	mcb	-	*
Oxford ...	30.21	+ .07	66	57	- 2	80	56	E	2	2	N	8	co	-	*
Cambridge ...	30.24r	+ .11	66	60	0	80	57	E	1	1	NN	1	cb	-	*
Yarmouth ...	30.26r	+ .13	63	60	- 3	70	59	ENE	2	2	NE	4	be	-	2
Helder ...	30.23	+ .18	60	*	- 5	*	*	N	3	*	*	*	*	-	2
Cape Gris Nez ...	30.17r	+ .05	64	60	- 2	71	57	ENE	3	3	NE	7	bo	-	2
Brest ...	30.07f	- .08	66	64	+ 6	79	58	E	3	4	NNE	6	o	-	2
L'Orient ...	?	?	69	65	+ 3	90	?	E	3	4	NE	6	c	0.04	2
Roche fort ...	30.09r	+ .06	72	68	- 1	79	67	Z	0	3	E	10	br	-	3
Biarritz ...	30.08r	+ .01	70	68	+ 1	72	68	NN	4	4	N	9	o	-	3
Corsica ...															
Brussels ...	30.17	+ .10	70	*	- 4	*	*	E	3	*	*	*	c	-	*
Charleville ...	30.16	+ .00	69	*	- 2	*	*	NN	3	*	*	*	b	-	*
Paris ...	30.10r	+ .02	69	*	- 3	86	64	?	4	7	ENE	2	be	-	*
Lyons ...	?	?	77	*	- 4	*	*	N	1	*	*	*	b	-	*
Toulon ...	30.15r	+ .02	75	68	- 1	89	72	E	4	1	SE	5	cf	-	1

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.97	59	54	NNN	6	*	b	3	Valencia ...	30.16	65	61	S	3	8	rm
Thurso ...	30.11	52	51	ESE	2	10	o	2	Scilly ...	30.18	69	64	Z	0	4	c
Scarborough...	30.16	63	60	NNE	2	8	o	1	London ...	30.14	76	64	E	1	6	cm
Greencastle ...	30.16	63	60	ENE	3	9	o	*	Roche fort...	30.02	86	75	SW	1	5	c
Holyhead ...	30.19	64	61	NNN	2	1	b	0								

Pressure has risen a little at all but the most s^tations; no other change is reported.

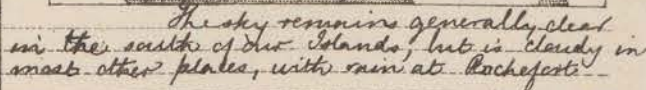
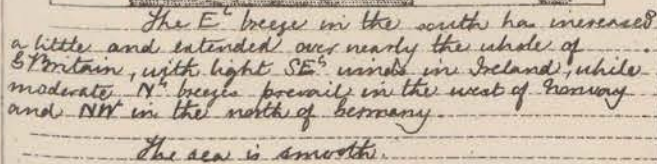
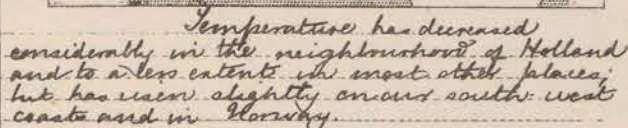
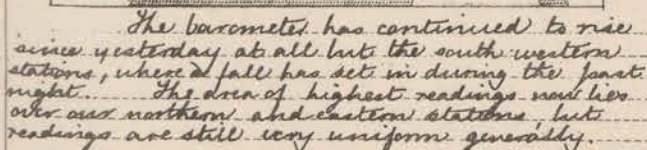
EXPLANATION OF COLUMNS.

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

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

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

THURSDAY 16TH JULY 1874 AT 8 A.M.



The sea is smooth

Dangerfield, Lith, 22, Bedford St. Covent Garden

Fri - day 8 a.m.

WEATHER REPORT.

July 17th 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.	Dirac.	Force. — (0 to 12.)	Force. — (0 to 12.)					Dirac.
Haparanda ...	30.02	+ .11	48	47	+1	*	*	N	6	6	N	*	s	*	*
Hernösand ...	30.12	+ .21	55	50	+5	*	*	N	6	4	N	*	c	*	*
Stockholm ...	30.06	+ .17	56	50	0	*	*	NNN	2	2	NNN	*	s	*	*
Wisby ...	30.14	+ .13	56	53	-4	*	*	N	4	2	N	*	c	*	*
Christiansund ...	30.21	- .04	53	48	-3	*	*	NE	6	6	NE	*	ob	*	2
Skudesnaes ...	30.19	+ .06	57	53	-1	*	*	NNN	4	4	NNN	*	be	*	2
Oxö (X'tiansand) ...	30.17	+ .15	57	55	-1	*	*	NSN	2	4	SN	*	b	*	2
Skagen (The Skaw) ...	30.19	+ .15	60	57	0	*	*	NN	2	*	*	*	b	-	*
Fanö ...	30.21	+ .10	62	57	+6	*	*	N	2	*	*	*	b	-	*
Cuxhaven ...	30.22r	+ .06	61	57	+1	?	55	ENE	1	3	NN	8	s	-	*
Sumburgh Head ...	30.06f	- .13	62	60	-1	67	57	SN	3	3	SN	9	cw	0.21	3
Thurso ...	30.08f	- .14	59	57	+3	63	50	SSE	1	3	SSE	9	as	-	1
Wick ...	30.09f	- .16	57	56	+2	62	52	SE	2	3	ESE	10	co	-	0
Nairn ...	30.13f	- .10	60	54	+2	68	54	NE	1	1	NE	7	be	-	2
Aberdeen ...	30.12f	- .13	58	57	+2	62	55	S	1	2	S	10	cw	-	0
Leith ...	30.19f	- .06	62	59	+6	69	54	E	1	4	NE	3	cb	-	*
Shields ...	30.22f	- .00	62	59	-5	67	56	SN	2	4	SE	9	co	-	2
York ...	30.27r	+ .02	62	58	+1	74	52	S	1	1	S	7	c	-	*
Scarborough ...	30.26r	+ .02	63	60	+4	68	52	SSE	3	3	SSE	3	cb	-	2
Nottingham ...	30.29r	+ .04	68	64	+2	82	53	SSE	3	3	SE	0	br	-	*
Ardrossan ...	30.15s	- .07	67	62	+6	74	57	E	2	2	ENE	5	m	-	1
Greencastle ...	30.13r	- .04	65	62	+2	73	63	Z	0	4	SE	8	s	-	*
Donaghadee ...	30.15s	- .04	65	64	+5	65	54	NNN	4	4	NNN	3	c	-	2
Kingstown ...	30.19r	- .01	63	60	+2	71	60	SSE	2	5	SE	5	be	-	1
Holyhead ...	30.20r	+ .03	65	61	+3	74	59	SN	2	2	SN	0	rB	-	1
Liverpool (Bidston Obs.) ...	30.21r	+ .01	70	61	+6	75	59	SE	1	3	ESE	0	ob	-	1
Valencia ...	30.13r	+ .03	62	57	-3	69	58	SN	2	4	SSN	6	c	0.02	2
Roche's Point ...	30.17r	+ .02	67	63	+2	82	62	SE	2	3	S	3	b	-	2
Pembroke ...	30.20r	+ .05	64	59	0	74	58	ESE	3	3	ESE	7	c	-	2
Portishead ...	30.24r	+ .06	66	59	-2	80	54	SN	1	3	SN	0	mw	-	1
Scilly ...	30.18r	+ .06	66	64	+1	74	61	ESE	1	5	ESE	9	bo	-	2
Plymouth ...	30.19r	+ .05	65	61	-2	74	60	E	4	6	ESE	0	b	-	*
Hurst Castle ...	30.24r	+ .06	64	60	-5	75	59	E	3	3	E	1	b	-	2
Dover ...	30.24r	+ .03	65	57	-2	68	57	E	4	5	ENE	3	b	-	4
London ...	30.26r	+ .05	64	59	-4	76	53	ENE	2	3	E	3	cb	-	*
Oxford ...	30.25	+ .04	62	57	-4	78	51	Z	0	2	E	0	ab	-	*
Cambridge ...	30.28r	+ .04	62	57	-4	77	49	E	1	1	E	0	b	-	*
Yarmouth ...	30.29r	+ .03	61	56	-2	66	56	ENE	2	3	ENE	2	b	-	2
Helder ...	30.27	+ .04	58	*	-2	*	*	N	4	*	*	*	*	*	2
Cape Gris Nez ...	30.22r	+ .05	61	56	-3	69	54	E	1	5	ENE	5	c	-	2
Brest ...	30.17r	+ .10	65	63	-1	81	59	ESE	1	3	E	7	of	-	2
L'Orient ...	?	?	68	66	-1	86	?	E	1	3	ESE	1	cb	-	1
Rocheport ...	30.17r	+ .08	70	66	-2	72	67	Z	0	4	SN	10	co	-	3
Biarritz ...															
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.21	+ .04	63	*	-7	*	*	NE	3	*	*	*	b	*	*
Charleville ...	30.20	+ .04	64	*	-5	*	*	N	6	*	*	*	c	*	*
Paris ...	30.17r	+ .07	63	*	-6	84	59	N	4	7	NN	2	oc	-	*
Lyons ...	?	?	77	*	0	*	*	N	3	*	*	*	c	*	*
Toulon ...	30.17r	+ .02	76	65	+1	90	70	N	1	3	S	6	oc	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.	
Skudesnaes ...	30.12	59	53	N	4	*	6	3	Valencia ...	30.10	68	61	SSW	4	6	4
Thurso ...	30.22	62	55	S	2	3	6	1	Scilly ...	30.13	71	66	ESE	4	3	1
Scarborough...	30.26	59	58	SSE	3	2	6	3	London ...	30.22	71	62	E	3	5	*
Greencastle ...	30.13	73	66	SE	3	9	0	*	Rocheport...	30.08	78	74	SW	4	6	3
Holyhead ...																

The fall of the barometer noticed in the SN. this morning is travelling N² and a slight recovery has set in on our SN. coasts. —

EXPLANATION OF COLUMNS.

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

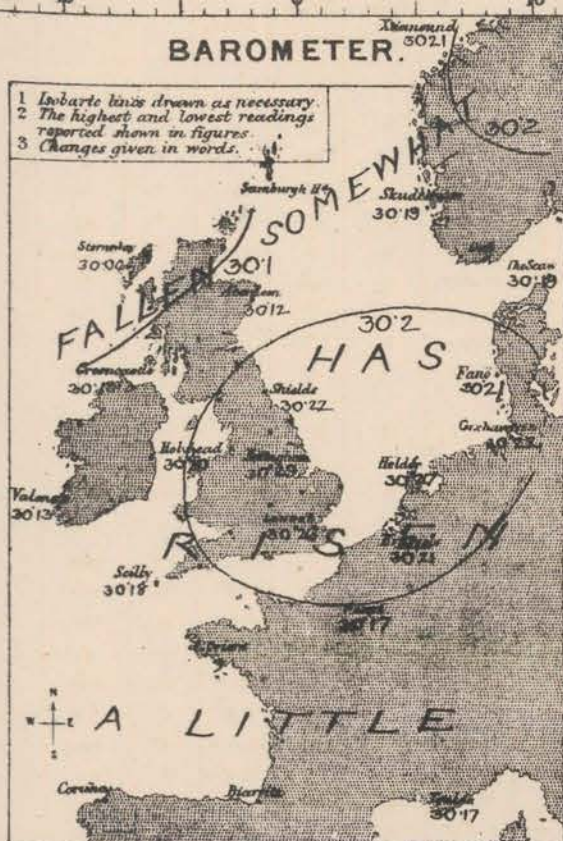
WEATHER CHARTS

AND REMARKS FOR

FRIDAY 17TH JULY 1874 AT 8 A.M.

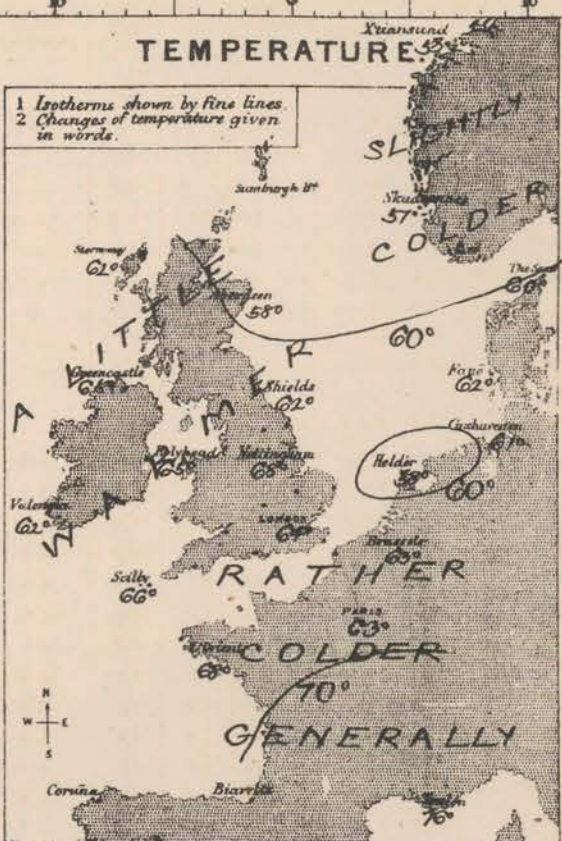
BAROMETER.

- 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.

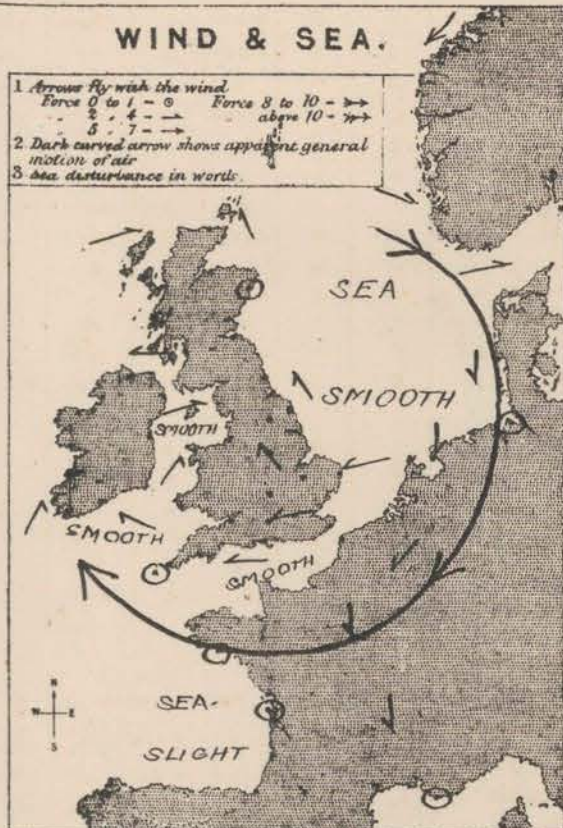


A slight rise of the barometer has now taken place at all but our extreme north western stations and the center of a well-defined anti-cyclone now lies over England; the greater part of the north-west and north-eastern gradients are extremely slight everywhere.

Temperature has fallen several degrees at the south-eastern and southern stations, but risen slightly in the west and north. At Rotherham and Nottingham it rose to 82° in the shade yesterday but in London the highest registered was 76°.

WIND & SEA.

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



The winds are very light generally. They are still E^{ly} in the south, SE^{ly} on our north-east coast, SW^{ly} at some of our most western stations, and W^{ly} to N^{ly} on the Norwegian and Danish coasts.

The sea is smooth.

CLOUD, RAIN & C.

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



A very little rain has fallen at Valencia and Stornoway. The sky is overcast in Scotland; generally clear in other places.

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 Str^{et}, Westminster, S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith London

Saturday 8 a.m.

WEATHER REPORT.

July 18th

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.					Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distance 0 to 4.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	30.12	+10	54	49	+6	*	*	N	2	2	NE	*	c	*	*
Hernösand ...	30.15	+03	60	49	+5	*	*	NW	2	2	SSW	*	bc	*	*
Stockholm ...	30.17	+11	62	56	+6	*	*	Z	0	2	NNE	*	b	*	*
Wisby ...	30.27	+13	61	58	+5	*	*	W	2	2	N	*	b	*	*
Christiansund ...	30.30	+09	53	50	0	*	*	WSW	2	2	NNE	*	bc	*	1
Skudesnaes ...	30.28	+09	59	55	+2	*	*	NNW	4	2	NW	*	b	*	2
Oxö (X'tiansand) ...	30.19	+02	57	53	0	*	*	NNW	2	4	SW	*	b	*	1
Skagen (The Skaw) ...	30.23	+04	59	57	-1	*	*	W	2	*	*	*	c	—	*
Fanö ...	30.30	+09	63	58	+1	*	*	N	2	*	*	*	cb	—	*
Cuxhaven ...	30.28	+06	63	61	+2	?	58	ENE	1	2	N	1	cb	—	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	30.12	+06	64	60	+2	67	52	SSE	1	4	SSW	4	c	—	2
Thurso ...	30.15	+07	68	64	+9	73	57	Z	0	2	NE	2	mb	0.01	0
Wick ...	30.14	+10	60	58	+3	66	50	E	1	1	E	4	cf	—	0
Nairn ...	30.19	+06	63	54	+3	76	52	Z	0	1	NE	0	b	—	2
Aberdeen ...	30.20	+08	67	63	+9	71	56	Z	0	2	S	0	cb	—	0
Leith ...	30.23	+04	68	63	+6	80	56	NW	1	2	W	5	cm	—	*
Shields ...	30.26	+04	64	60	+2	69	56	SSW	2	3	SSW	3	ob	—	1
York ...	30.29	+02	64	59	+2	89	84	S	1	5	S	0	b	—	*
Scarborough ...	30.29	+03	65	61	+2	71	56	SE	1	3	SSE	0	b	—	2
Nottingham ...	30.29	00	70	65	+2	86	56	SSE	3	3	SSE	0	br	—	*
Ardrossan ...	30.22	+07	67	60	0	73	57	SE	2	2	SSW	6	c	—	2
Greencastle ...	30.17	+04	68	63	+3	73	64	SSE	2	2	SSE	4	c	—	*
Donaghadee ...	30.21	+06	62	60	-3	72	56	ESE	4	5	SSE	4	c	—	2
Kingstown ...	30.22	+03	64	61	+1	72	61	SSE	3	5	SE	1	cb	—	2
Holyhead ...	30.23	+03	68	63	+3	74	61	SSW	2	2	SW	5	bc	—	0
Liverpool (Bidston Obs.) ...	30.25	+04	70	62	0	82	60	SSE	2	3	SE	0	b	—	1
Valencia ...	30.12	-07	64	56	+2	68	59	S	3	3	SSW	4	bc	—	3
Roche's Point ...	30.20	+03	68	63	+1	78	62	SE	2	3	S	3	b	—	2
Pembroke ...	30.22	+02	65	61	+1	76	58	ESE	2	3	ESE	4	cm	—	1
Portishead ...	30.25	+01	69	60	+3	81	54	NE	1	4	SE	0	bm	—	1
Scilly ...	30.19	+01	66	63	0	71	59	ESE	4	4	ESE	3	ofb	—	3
Plymouth ...	30.22	+03	66	61	+1	75	58	E	4	4	E	0	b	—	*
Hurst Castle ...	30.26	+02	62	58	-2	74	56	NE	2	3	ESE	3	b	—	2
Dover ...	30.25	+01	66	60	+1	68	57	E	4	4	ENE	5	bc	—	3
London ...	30.28	+02	64	59	0	78	49	ENE	2	3	E	6	bc	—	*
Oxford ...	30.27	+02	62	55	0	79	57	E	1	3	ENE	0	b	—	*
Cambridge ...	30.29	+01	61	57	-1	78	48	E	1	1	ENE	0	b	—	*
Yarmouth ...	30.22	+03	60	56	-1	65	55	E	2	2	ENE	4	bc	—	2
Helder ...	30.29	+02	60	*	+2	*	*	ENE	4	*	*	*	*	*	2
Cape Gris Nez ...	30.22	00	63	59	+2	68	57	E	4	4	ENE	5	bc	—	3
Brest ...	30.20	+03	66	64	+1	74	60	?	1	3	?	0	fb	—	2
L'Orient ...	?	?	66	62	-2	82	?	E	3	3	ENE	0	fb	—	3
Rocheport ...	30.17	00	69	67	-1	?	65	NW	1	4	NW	10	bo	—	3
Biarritz ...	30.18		70	68		70	66	SE	3	3	NW	7	of	—	*
Corunna ...			*	*		*	*		*	*	*	*	*	*	*
Brussels ...	30.25	+04	66	*	+3	*	*	ENE	3	*	*	*	b	*	*
Charleville ...	30.22	+02	69	*	+5	*	*	NE	3	*	*	*	c	*	*
Paris ...	30.19	+02	64	*	+1	96	59	NNE	4	0	Z	1	f	—	*
Lyons ...	?	?	77	*	0	*	*	N	3	*	*	*	b	*	*
Toulon ...	30.09	-08	77	72	+1	86	71	E	1	5	W	6	cf	—	2

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

	Bar.	Dry.	Wet.	Wind.	G.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	G.	Wea.	Sea.
Skudesnaes ...					*			Valencia ...	30.18	68	60	SW	3	3	b
Thurso ...	30.09	62	61	Z	0	7	m	Scilly ...	30.21	79	75	ESE	2	9	o
Scarborough ...	30.24	64	61	SSE	3	0	b	London ...	30.27	72	63	E	1	3	b
Greencastle ...	30.15	73	66	W	1	6	c	Rocheport ...	30.20	77	68	SSW	3	0	b
Holyhead ...	30.22	73	72	SW	2	3	b								

No important change.

EXPLANATION OF COLUMNS.

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

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

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

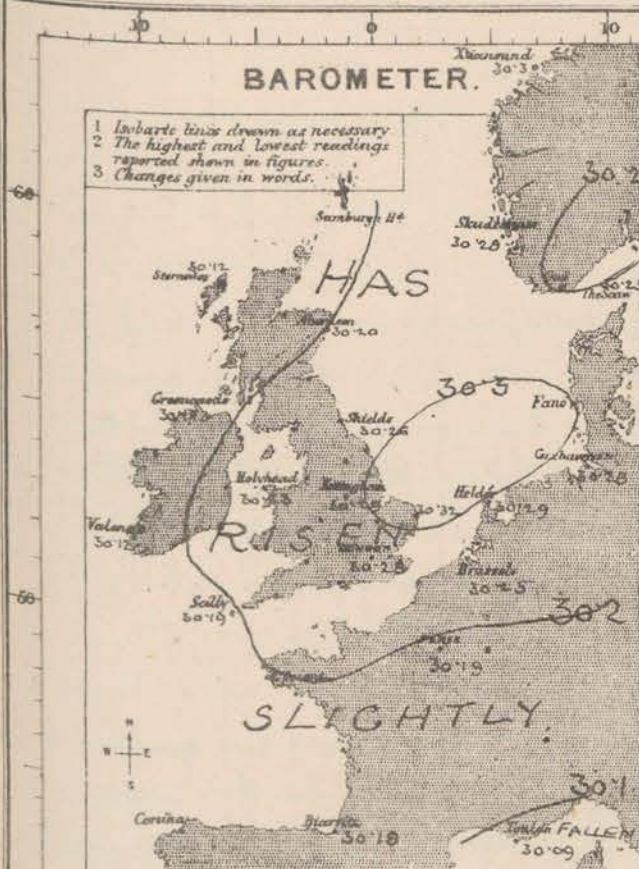
WEATHER CHARTS

AND REMARKS FOR

SATURDAY 18TH JULY 1874 AT 8 A.M.

BAROMETER.

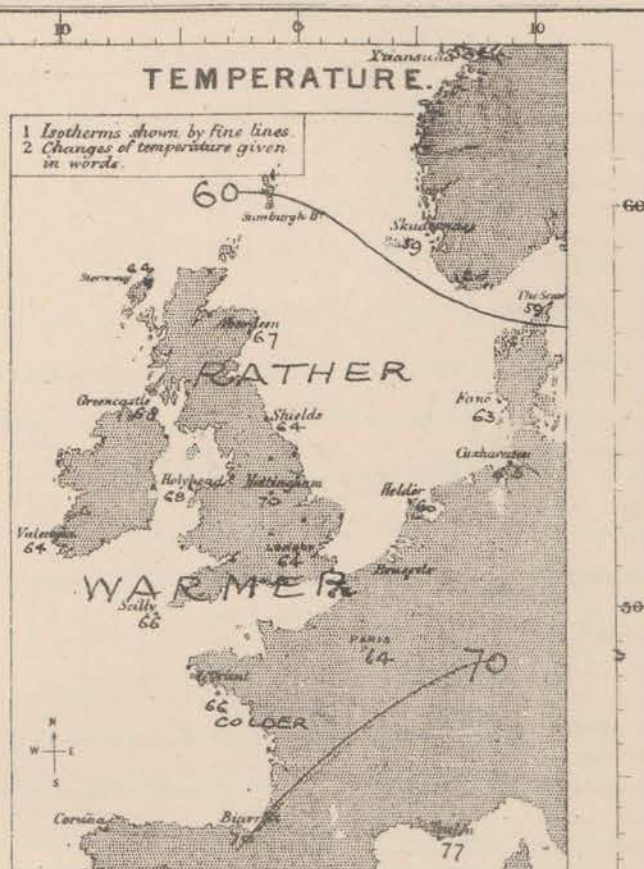
- 1 Isobars drawn as necessary
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



A slight further rise of the barometer has taken place since yesterday at all places excepting London. The highest readings now lie over the S. portion of the North Sea, but pressure is very uniform throughout our islands and their neighbourhood.

TEMPERATURE.

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



Temperature has risen somewhat in most places and is high in the N. of Britain. During yesterday it rose to 89° in the shade at York, and 86° at Nottingham, while in London it did not exceed 78°.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 0, 2, 4, 6, 8, 10 - 10, 12, 14, 16, 18, 20 - 20, 22, 24, 26, 28, 30 - 30, 32, 34, 36, 38, 40 - 40, 42, 44, 46, 48, 50 - 50, 52, 54, 56, 58, 60 - 60, 62, 64, 66, 68, 70 - 70, 72, 74, 76, 78, 80 - 80, 82, 84, 86, 88, 90 - 90, 92, 94, 96, 98, 100 - 100, 102, 104, 106, 108, 110 - 110, 112, 114, 116, 118, 120 - 120, 122, 124, 126, 128, 130 - 130, 132, 134, 136, 138, 140 - 140, 142, 144, 146, 148, 150 - 150, 152, 154, 156, 158, 160 - 160, 162, 164, 166, 168, 170 - 170, 172, 174, 176, 178, 180 - 180, 182, 184, 186, 188, 190 - 190, 192, 194, 196, 198, 200 - 200, 202, 204, 206, 208, 210 - 210, 212, 214, 216, 218, 220 - 220, 222, 224, 226, 228, 230 - 230, 232, 234, 236, 238, 240 - 240, 242, 244, 246, 248, 250 - 250, 252, 254, 256, 258, 260 - 260, 262, 264, 266, 268, 270 - 270, 272, 274, 276, 278, 280 - 280, 282, 284, 286, 288, 290 - 290, 292, 294, 296, 298, 300 - 300, 302, 304, 306, 308, 310 - 310, 312, 314, 316, 318, 320 - 320, 322, 324, 326, 328, 330 - 330, 332, 334, 336, 338, 340 - 340, 342, 344, 346, 348, 350 - 350, 352, 354, 356, 358, 360 - 360, 362, 364, 366, 368, 370 - 370, 372, 374, 376, 378, 380 - 380, 382, 384, 386, 388, 390 - 390, 392, 394, 396, 398, 400 - 400, 402, 404, 406, 408, 410 - 410, 412, 414, 416, 418, 420 - 420, 422, 424, 426, 428, 430 - 430, 432, 434, 436, 438, 440 - 440, 442, 444, 446, 448, 450 - 450, 452, 454, 456, 458, 460 - 460, 462, 464, 466, 468, 470 - 470, 472, 474, 476, 478, 480 - 480, 482, 484, 486, 488, 490 - 490, 492, 494, 496, 498, 500 - 500, 502, 504, 506, 508, 510 - 510, 512, 514, 516, 518, 520 - 520, 522, 524, 526, 528, 530 - 530, 532, 534, 536, 538, 540 - 540, 542, 544, 546, 548, 550 - 550, 552, 554, 556, 558, 560 - 560, 562, 564, 566, 568, 570 - 570, 572, 574, 576, 578, 580 - 580, 582, 584, 586, 588, 590 - 590, 592, 594, 596, 598, 600 - 600, 602, 604, 606, 608, 610 - 610, 612, 614, 616, 618, 620 - 620, 622, 624, 626, 628, 630 - 630, 632, 634, 636, 638, 640 - 640, 642, 644, 646, 648, 650 - 650, 652, 654, 656, 658, 660 - 660, 662, 664, 666, 668, 670 - 670, 672, 674, 676, 678, 680 - 680, 682, 684, 686, 688, 690 - 690, 692, 694, 696, 698, 700 - 700, 702, 704, 706, 708, 710 - 710, 712, 714, 716, 718, 720 - 720, 722, 724, 726, 728, 730 - 730, 732, 734, 736, 738, 740 - 740, 742, 744, 746, 748, 750 - 750, 752, 754, 756, 758, 760 - 760, 762, 764, 766, 768, 770 - 770, 772, 774, 776, 778, 780 - 780, 782, 784, 786, 788, 790 - 790, 792, 794, 796, 798, 800 - 800, 802, 804, 806, 808, 810 - 810, 812, 814, 816, 818, 820 - 820, 822, 824, 826, 828, 830 - 830, 832, 834, 836, 838, 840 - 840, 842, 844, 846, 848, 850 - 850, 852, 854, 856, 858, 860 - 860, 862, 864, 866, 868, 870 - 870, 872, 874, 876, 878, 880 - 880, 882, 884, 886, 888, 890 - 890, 892, 894, 896, 898, 900 - 900, 902, 904, 906, 908, 910 - 910, 912, 914, 916, 918, 920 - 920, 922, 924, 926, 928, 930 - 930, 932, 934, 936, 938, 940 - 940, 942, 944, 946, 948, 950 - 950, 952, 954, 956, 958, 960 - 960, 962, 964, 966, 968, 970 - 970, 972, 974, 976, 978, 980 - 980, 982, 984, 986, 988, 990 - 990, 992, 994, 996, 998, 1000 - 1000, 1002, 1004, 1006, 1008, 1010 - 1010, 1012, 1014, 1016, 1018, 1020 - 1020, 1022, 1024, 1026, 1028, 1030 - 1030, 1032, 1034, 1036, 1038, 1040 - 1040, 1042, 1044, 1046, 1048, 1050 - 1050, 1052, 1054, 1056, 1058, 1060 - 1060, 1062, 1064, 1066, 1068, 1070 - 1070, 1072, 1074, 1076, 1078, 1080 - 1080, 1082, 1084, 1086, 1088, 1090 - 1090, 1092, 1094, 1096, 1098, 1100 - 1100, 1102, 1104, 1106, 1108, 1110 - 1110, 1112, 1114, 1116, 1118, 1120 - 1120, 1122, 1124, 1126, 1128, 1130 - 1130, 1132, 1134, 1136, 1138, 1140 - 1140, 1142, 1144, 1146, 1148, 1150 - 1150, 1152, 1154, 1156, 1158, 1160 - 1160, 1162, 1164, 1166, 1168, 1170 - 1170, 1172, 1174, 1176, 1178, 1180 - 1180, 1182, 1184, 1186, 1188, 1190 - 1190, 1192, 1194, 1196, 1198, 1200 - 1200, 1202, 1204, 1206, 1208, 1210 - 1210, 1212, 1214, 1216, 1218, 1220 - 1220, 1222, 1224, 1226, 1228, 1230 - 1230, 1232, 1234, 1236, 1238, 1240 - 1240, 1242, 1244, 1246, 1248, 1250 - 1250, 1252, 1254, 1256, 1258, 1260 - 1260, 1262, 1264, 1266, 1268, 1270 - 1270, 1272, 1274, 1276, 1278, 1280 - 1280, 1282, 1284, 1286, 1288, 1290 - 1290, 1292, 1294, 1296, 1298, 1300 - 1300, 1302, 1304, 1306, 1308, 1310 - 1310, 1312, 1314, 1316, 1318, 1320 - 1320, 1322, 1324, 1326, 1328, 1330 - 1330, 1332, 1334, 1336, 1338, 1340 - 1340, 1342, 1344, 1346, 1348, 1350 - 1350, 1352, 1354, 1356, 1358, 1360 - 1360, 1362, 1364, 1366, 1368, 1370 - 1370, 1372, 1374, 1376, 1378, 1380 - 1380, 1382, 1384, 1386, 1388, 1390 - 1390, 1392, 1394, 1396, 1398, 1400 - 1400, 1402, 1404, 1406, 1408, 1410 - 1410, 1412, 1414, 1416, 1418, 1420 - 1420, 1422, 1424, 1426, 1428, 1430 - 1430, 1432, 1434, 1436, 1438, 1440 - 1440, 1442, 1444, 1446, 1448, 1450 - 1450, 1452, 1454, 1456, 1458, 1460 - 1460, 1462, 1464, 1466, 1468, 1470 - 1470, 1472, 1474, 1476, 1478, 1480 - 1480, 1482, 1484, 1486, 1488, 1490 - 1490, 1492, 1494, 1496, 1498, 1500 - 1500, 1502, 1504, 1506, 1508, 1510 - 1510, 1512, 1514, 1516, 1518, 1520 - 1520, 1522, 1524, 1526, 1528, 1530 - 1530, 1532, 1534, 1536, 1538, 1540 - 1540, 1542, 1544, 1546, 1548, 1550 - 1550, 1552, 1554, 1556, 1558, 1560 - 1560, 1562, 1564, 1566, 1568, 1570 - 1570, 1572, 1574, 1576, 1578, 1580 - 1580, 1582, 1584, 1586, 1588, 1590 - 1590, 1592, 1594, 1596, 1598, 1600 - 1600, 1602, 1604, 1606, 1608, 1610 - 1610, 1612, 1614, 1616, 1618, 1620 - 1620, 1622, 1624, 1626, 1628, 1630 - 1630, 1632, 1634, 1636, 1638, 1640 - 1640, 1642, 1644, 1646, 1648, 1650 - 1650, 1652, 1654, 1656, 1658, 1660 - 1660, 1662, 1664, 1666, 1668, 1670 - 1670, 1672, 1674, 1676, 1678, 1680 - 1680, 1682, 1684, 1686, 1688, 1690 - 1690, 1692, 1694, 1696, 1698, 1700 - 1700, 1702, 1704, 1706, 1708, 1710 - 1710, 1712, 1714, 1716, 1718, 1720 - 1720, 1722, 1724, 1726, 1728, 1730 - 1730, 1732, 1734, 1736, 1738, 1740 - 1740, 1742, 1744, 1746, 1748, 1750 - 1750, 1752, 1754, 1756, 1758, 1760 - 1760, 1762, 1764, 1766, 1768, 1770 - 1770, 1772, 1774, 1776, 1778, 1780 - 1780, 1782, 1784, 1786, 1788, 1790 - 1790, 1792, 1794, 1796, 1798, 1800 - 1800, 1802, 1804, 1806, 1808, 1810 - 1810, 1812, 1814, 1816, 1818, 1820 - 1820, 1822, 1824, 1826, 1828, 1830 - 1830, 1832, 1834, 1836, 1838, 1840 - 1840, 1842, 1844, 1846, 1848, 1850 - 1850, 1852, 1854, 1856, 1858, 1860 - 1860, 1862, 1864, 1866, 1868, 1870 - 1870, 1872, 1874, 1876, 1878, 1880 - 1880, 1882, 1884, 1886, 1888, 1890 - 1890, 1892, 1894, 1896, 1898, 1900 - 1900, 1902, 1904, 1906, 1908, 1910 - 1910, 1912, 1914, 1916, 1918, 1920 - 1920, 1922, 1924, 1926, 1928, 1930 - 1930, 1932, 1934, 1936, 1938, 1940 - 1940, 1942, 1944, 1946, 1948, 1950 - 1950, 1952, 1954, 1956, 1958, 1960 - 1960, 1962, 1964, 1966, 1968, 1970 - 1970, 1972, 1974, 1976, 1978, 1980 - 1980, 1982, 1984, 1986, 1988, 1990 - 1990, 1992, 1994, 1996, 1998, 2000 - 2000, 2002, 2004, 2006, 2008, 2010 - 2010, 2012, 2014, 2016, 2018, 2020 - 2020, 2022, 2024, 2026, 2028, 2030 - 2030, 2032, 2034, 2036, 2038, 2040 - 2040, 2042, 2044, 2046, 2048, 2050 - 2050, 2052, 2054, 2056, 2058, 2060 - 2060, 2062, 2064, 2066, 2068, 2070 - 2070, 2072, 2074, 2076, 2078, 2080 - 2080, 2082, 2084, 2086, 2088, 2090 - 2090, 2092, 2094, 2096, 2098, 2100 - 2100, 2102, 2104, 2106, 2108, 2110 - 2110, 2112, 2114, 2116, 2118, 2120 - 2120, 2122, 2124, 2126, 2128, 2130 - 2130, 2132, 2134, 2136, 2138, 2140 - 2140, 2142, 2144, 2146, 2148, 2150 - 2150, 2152, 2154, 2156, 2158, 2160 - 2160, 2162, 2164, 2166, 2168, 2170 - 2170, 2172, 2174, 2176, 2178, 2180 - 2180, 2182, 2184, 2186, 2188, 2190 - 2190, 2192, 2194, 2196, 2198, 2200 - 2200, 2202, 2204, 2206, 2208, 2210 - 2210, 2212, 2214, 2216, 2218, 2220 - 2220, 2222, 2224, 2226, 2228, 2230 - 2230, 2232, 2234, 2236, 2238, 2240 - 2240, 2242, 2244, 2246, 2248, 2250 - 2250, 2252, 2254, 2256, 2258, 2260 - 2260, 2262, 2264, 2266, 2268, 2270 - 2270, 2272, 2274, 2276, 2278, 2280 - 2280, 2282, 2284, 2286, 2288, 2290 - 2290, 2292, 2294, 2296, 2298, 2300 - 2300, 2302, 2304, 2306, 2308, 2310 - 2310, 2312, 2314, 2316, 2318, 2320 - 2320, 2322, 2324, 2326, 2328, 2330 - 2330, 2332, 2334, 2336, 2338, 2340 - 2340, 2342, 2344, 2346, 2348, 2350 - 2350, 2352, 2354, 2356, 2358, 2360 - 2360, 2362, 2364, 2366, 2368, 2370 - 2370, 2372, 2374, 2376, 2378, 2380 - 2380, 2382, 2384, 2386, 2388, 2390 - 2390, 2392, 2394, 2396, 2398, 2400 - 2400, 2402, 2404, 2406, 2408, 2410 - 2410, 2412, 2414, 2416, 2418, 2420 - 2420, 2422, 2424, 2426, 2428, 2430 - 2430, 2432, 2434, 2436, 2438, 2440 - 2440, 2442, 2444, 2446, 2448, 2450 - 2450, 2452, 2454, 2456, 2458, 2460 - 2460, 2462, 2464, 2466, 2468, 2470 - 2470, 2472, 2474, 2476, 2478, 2480 - 2480, 2482, 2484, 2486, 2488, 2490 - 2490, 2492, 2494, 2496, 2498, 2500 - 2500, 2502, 2504, 2506, 2508, 2510 - 2510, 2512, 2514, 2516, 2518, 2520 - 2520, 2522, 2524, 2526, 2528, 2530 - 2530, 2532, 2534, 2536, 2538, 2540 - 2540, 2542, 2544, 2546, 2548, 2550 - 2550, 2552, 2554, 2556, 2558, 2560 - 2560, 2562, 2564, 2566, 2568, 2570 - 2570, 2572, 2574, 2576, 2578, 2580 - 2580, 2582, 2584, 2586, 2588, 2590 - 2590, 2592, 2594, 2596, 2598, 2600 - 2600, 2602, 2604, 2606, 2608, 2610 - 2610, 2612, 2614, 2616, 2618, 2620 - 2620, 2622, 2624, 2626, 2628, 2630 - 2630, 2632, 2634, 2636, 2638, 2640 - 2640, 2642, 2644, 2646, 2648, 2650 - 2650, 2652, 2654, 2656, 2658, 2660 - 2660, 2662, 2664, 2666, 2668, 2670 - 2670, 2672, 2674, 2676, 2678, 2680 - 2680, 2682, 2684, 2686, 2688, 2690 - 2690, 2692, 2694, 2696, 2698, 2700 - 2700, 2702, 2704, 2706, 2708, 2710 - 2710, 2712, 2714, 2716, 2718, 2720 - 2720, 2722, 2724, 2726, 2728, 2730 - 2730, 2732, 2734, 2736, 2738, 2740 - 2740, 2742, 2744, 2746, 2748, 2750 - 2750, 2752, 2754, 2756, 2758, 2760 - 2760, 2762, 2764, 2766, 2768, 2770 - 2770, 2772, 2774, 2776, 2778, 2780 - 2780, 2782, 2784, 2786, 2788, 2790 - 2790, 2792, 2794, 2796, 2798, 2800 - 2800, 2802, 2804, 2806, 2808, 2810 - 2810, 2812, 2814, 2816, 2818, 2820 - 2820, 2822, 2824, 2826, 2828, 2830 - 2830, 2832, 2834, 2836, 2838, 2840 - 2840, 2842, 2844, 2846, 2848, 2850 - 2850, 2852, 2854, 2856, 2858, 2860 - 2860, 2862, 2864, 2866, 2868, 2870 - 2870, 2872, 2874, 2876, 2878, 2880 - 2880, 2882, 2884, 2886, 2888, 2890 - 2890, 2892, 2894, 2896, 2898, 2900 - 2900, 2902, 2904, 2906, 2908, 2910 - 2910, 2912, 2914, 2916, 2918, 2920 - 2920, 2922, 2924, 2926, 2928, 2930 - 2930, 2932, 2934, 2936, 2938, 2940 - 2940, 2942, 2944, 2946, 2948, 2950 - 2950, 2952, 2954, 2956, 2958, 2960 - 2960, 2962, 2964, 2966, 2968, 2970 - 2970, 2972, 2974, 2976, 2978, 2980 - 2980, 2982, 2984, 2986, 2988, 2990 - 2990, 2992, 2994, 2996, 2998, 3000 - 3000, 3002, 3004, 3006, 3008, 3010 - 3010, 3012, 3014, 3016, 3018, 3020 - 3020, 3022, 3024, 3026, 3028, 3030 - 3030, 3032, 3034, 3036, 3038, 3040 - 3040, 3042, 3044, 3046, 3048, 3050 - 3050, 3052, 3054, 3056, 3058, 3060 - 3060, 3062, 3064, 3066, 3068, 3070 - 3070, 3072, 3074, 3076, 3078, 3080 - 3080, 3082, 3084, 3086, 3088, 3090 - 3090, 3092, 3094, 3096, 3098, 3100 - 3100, 3102, 3104, 3106, 3108, 3110 - 3110, 3112, 3114, 3116, 3118, 3120 - 3120, 3122, 3124, 3126, 3128, 3130 - 3130, 3132, 3134, 3136, 3138, 3140 - 3140, 3142, 3144, 3146, 3148, 3150 - 3150, 3152, 3154, 3156, 3158, 3160 - 3160, 3162, 3164, 3166, 3168, 3170 - 3170, 3172, 3174, 3176, 3178, 3180 - 3180, 3182, 3184, 3186, 3188, 3190 - 3190, 3192, 3194, 3196, 3198, 3200 - 3200, 3202, 3204, 3206, 3208, 3210 - 3210, 3212, 3214, 3216, 3218, 3220 - 3220, 3222, 3224, 3226, 3228, 3230 - 3230, 3232, 3234, 3236, 3238, 3240 - 3240, 3242, 3244, 3246, 3248, 3250 - 3250, 3252, 3254, 3256, 3258, 3260 - 3260, 3262, 3264, 3266, 3268, 3270 - 3270, 3272, 3274, 3276, 3278, 3280 - 3280, 3282, 3284, 3286, 3288, 3290 - 3290, 3292, 3294, 3296, 3298, 3300 - 3300, 3302, 3304, 3306, 3308, 3310 - 3310, 3312, 3314, 3316, 3318, 3320 - 3320, 3322, 3324, 3326, 3328, 3330 - 3330, 3332, 3334, 3336, 3338, 3340 - 3340, 3342, 3344, 3346, 3348, 3350 - 3350, 3352, 3354, 3356, 3358, 3360 - 3360, 3362, 3364, 3366, 3368, 3370 - 3370, 3372, 3374, 3376, 3378, 3380 - 3380

SUMMARY OF WEATHER IN WESTERN EUROPE

from JULY 12TH to JULY 18TH 1874.

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

During the week pressure has continued very uniform over N^W Europe. Up to the 16th shallow areas of low pressure passed over our N^W stations, and the wind was light from the N^W; but on that date an anticyclone was formed over our Islands and travelled across the North Sea during the next two days. Very light N^W breezes then prevailed over the North Sea, drawing into E. over the Channel and France. Temperature has been very high and the weather fine at our S^W stations but over Scotland the sky has been overcast until nearly the end of the week.

JULY 12TH - The fall noticed at the close of last week had continued and a decrease of pressure had occurred over the whole of N^W Europe. During the night, however, a slight recovery had taken place, and readings, though lowest over Denmark and N. Germany, were still very uniform. Over the North Sea and the E. of these Islands the winds were affected by the low pressure, being generally N^W but drawing into N.N. or N. in the neighbourhood of the Netherlands. In the S.W. light S^W breezes had set in. Temperature was slightly higher in the N.W. but elsewhere it had fallen somewhat. The amount of cloud was rather irregularly distributed but the sky was generally cloudy with rain on our N.E. coast.

JULY 13TH - The low pressure noticed yesterday had travelled further N^W and the mercury had risen briskly in the S.E. A large area of high pressure had been formed over France and the S. of England but gradients were very slight everywhere. The S^W current had extended over the whole of our Islands but was very light except at our N^W stations. On the E. shores of the North Sea a stiff N.W. wind was experienced and temperature had fallen several degrees there while it had changed very irregularly elsewhere. Rain was falling in the N. of Norway and the sky was cloudy generally.

JULY 14TH - The depression over the S. of Norway had travelled further E^W, while, during the night a fresh depression advanced over the N. of Scotland. The highest readings were found over France but gradients continued slight and the winds gentle everywhere. Over our Islands and the North Sea the direction had veered to the N^W but was still S^W or S.E. in the extreme N. of Scotland. Temperature had risen a little on both coasts of the North Sea but was little changed elsewhere. Over 80° was registered at many places in central England in the course of the day. Rain had fallen in the N. and N.W., hail at Naim and the sky was cloudy except in the S.E. During the day pressure increased a little in the S.W.

JULY 15TH - The depression noticed over Scotland yesterday had in its turn travelled on to the S. of Norway (where the barometer had fallen) and the mercury had risen somewhat over our Islands and France. An area of high pressure had been formed over England and Ireland but readings were very uniform generally. Light variable airs were reported from all parts of these Islands

with light breezes from the N^2 over Norway and Denmark and from the E^2 over the Bay of Biscay. Temperature had risen a little in most places but did not exceed 80° at any station in England during the day. Drizzling rain was falling in Caithness and thunder had occurred at Aberdeen and Biarritz. The sky was moderately or quite clear except in the $N.$ of Scotland. By the afternoon the barometer had risen except at Rochefort.

JULY 16TH — A slight fall had set in at our SW^2 stations during the previous night but on all other coasts the barometer continued to rise. The increase had been greatest in the $N.$ and $E.$ and the area of highest readings now lay over that region. The wind was light from between $N.$ and $NW.$ over the E^2 shores of the North Sea while the E^2 breeze noticed in the $S.$ yesterday had continued and extended over nearly the whole of our Islands. Temperature had decreased on our $E.$ coast and over Holland and Denmark while it had changed little elsewhere. The sky continued very clear in the $S.$ of England but was cloudy elsewhere.

JULY 17TH — The mercury had again risen slightly except over the $N.$ of Scotland and a well defined anticyclone lay over England, the Netherlands and the $S.$ of the North Sea. Readings were however very uniform and the winds consequently light everywhere. In direction the wind continued N^2 or NW^2 on the Norwegian and Danish coasts and E^2 at our S^2 stations. Temperature had fallen several degrees in the $SE.$ but risen slightly in the $N.$ During the day the thermometer rose to nearly 90° in the shade at York and Nottingham but only reached 78° in London. The sky continued overcast in the $N.$ but was generally clear elsewhere. During the day pressure hardly changed.

JULY 18TH A slight further rise of the barometer had occurred at all stations except in the extreme $N.$ The area of high readings noticed yesterday had moved on to the $S.$ of the North Sea, but pressure continued very uniform over our Islands. The winds were almost unchanged very light E^2 breezes still prevailing in the $S.$ drawing into SE^2 or S^2 in the $N.$ Temperature had risen a little in most places but the extremes were not so high as on the previous day, although even in the $N.$ of Scotland the readings exceeded 80° . The sky was very clear in nearly all parts of N^2 Europe. By the afternoon the mercury was falling slowly at most stations. —

Sun-day 8 a.m.

WEATHER REPORT.

July 19th

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Distur- ance. — 0 to 9.
	At 8 A.M. — 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 ...	30.06	-.09	59	?	-1	*	*	NNW	2	2	N	*	co	*	*
Stockholm ...	30.08	-.09	62	54	0	*	*	E	2	2	SSE	*	bo	*	*
Wisby ...	30.21	-.06	64	59	+2	*	*	NN	2	1	N	*	b	*	*
Christiansund ...	30.21	-.09	55	50	+2	*	*	N	2	0	Z	*	ro	*	1
Skudesnaes ...	30.18	-.10	65	59	+6	*	*	ESE	2	2	NNW	*	b	*	3
Oxö (X'tiansand) ...	30.13	-.06	62	58	+5	*	*	NNW	2	2	E	*	b	*	1
Skagen (The Skaw) ...	30.14	-.09	65	65	+6	*	*	N	2	*	*	*	o	-	*
Fanö ...	30.19	-.11	70	64	+7	*	*	N	2	*	*	*	b	-	*
Cuxhaven ...	30.22	-.06	66	64	+3	?	61	E	1	3	NNE	1	b	-	*
Sumburgh Head															
Stornoway (Hebrides) ...	29.99f	-.13	67	62	+3	72	55	SE	2	3	NN	1	b	-	2
Thurso ...	30.01f	-.14	69	65	+1	83	53	Z	0	2	NNW	1	m	-	0
Wick ...	30.03f	-.16	64	61	+4	74	53	Z	0	1	N	3	bf	-	0
Nairn ...	30.04f	-.15	67	58	+4	80	59	Z	0	0	Z	0	b	-	0
Aberdeen ...	30.11f	-.09	62	58	-5	76	60	S	2	3	S	0	b	-	1
Leith ...	30.07f	-.16	69	65	+1	79	58	E	2	3	E	0	be	-	*
Shields ...	30.15f	-.11	60	55	-4	73	54	SSW	3	3	S	1	b	-	2
York ...	30.19f	-.10	64	58	0	81	52	SSE	1	2	SSE	0	b	-	*
Scarborough ...	30.16f	-.13	61	59	-4	64	52	SE	2	4	SE	0	b	-	?
Nottingham ...	30.20f	-.09	59	58	-11	82	47	NE	2	3	ESE	10	bf	-	*
Ardrossan ...	30.07f	-.15	67	61	0	76	60	NN	1	2	SE	2	mo	-	1
Greencastle ...	30.03f	-.14	67	65	-1	73	64	NN	2	4	SSW	9	oe	-	*
Donaghadee ...	30.09f	-.12	64	62	+2	70	54	SE	5	5	SE	4	a	-	3
Kingstown ...	30.09f	-.13	65	59	+1	74	62	ESE	2	6	SE	6	ab	-	2
Holyhead ...	30.10f	-.13	66	62	-2	75	61	NN	2	2	NNW	0	b	-	0
Liverpool (Bidston Obs.) ...	30.10f	-.15	64	57	-6	82	55	ESE	3	4	ESE	0	b	-	2
Valencia ...	30.11r	-.01	62	57	-2	72	58	NN	3	4	S	5	c	0.02	3
Roche's Point ...	30.09f	-.11	65	61	+3	82	62	S	3	3	S	8	bo	-	3
Pembroke ...	30.12f	-.10	64	61	-1	75	57	SE	2	3	SE	2	ob	-	1
Portishead ...	30.13f	-.12	72	65	+3	84	54	NE	1	2	SE	0	b	-	1
Scilly ...	30.10f	-.09	66	64	0	72	61	SSE	2	5	ESE	4	be	-	3
Plymouth ...	30.12f	-.10	67	62	+1	75	56	E	2	2	E	0	b	-	*
Hurst Castle ...	30.11f	-.15	65	60	+3	74	56	E	1	1	N	0	b	-	0
Dover ...	30.10f	-.15	69	63	+3	72	59	NE	2	5	NNE	4	be	-	2
London ...	30.13f	-.15	63	60	-1	76	56	SE	1	3	E	0	b	-	*
Oxford ...	30.14	-.13	60	57	-2	81	50	NE	1	1	ENE	0	b	-	*
Cambridge ...	30.16f	-.13	60	59	-1	79	49	NNE	1	1	NE	10	bo	-	*
Yarmouth ...	30.17f	-.15	65	63	+5	65	58	E	1	3	ENE	3	b	-	1
Helder ...															1
Cape Gris Nez ...	30.09f	-.13	69	64	+6	69	61	E	1	4	ENE	4	be	-	1
Brest ...	30.12r	-.08	68	66	+2	84	64	SE	1	3	NNW	0	be	-	2
L'Orient ...	?	?	66	62	0	86	?	E	3	3	N	0	b	-	*
Rocheport ...	30.09f	-.08	72	63	+3	?	63	E	1	4	NN	0	b	-	3
Biarritz ...	30.02f	-.16	70	66	0	74	66	SE	1	5	NNE	10	om	-	3
Corunna ...															*
Brussels ...	30.12	-.13	?	*	?	*	*	NE	1	*	*	*	b	*	*
Charleville ...	30.16	-.06	71	*	+2	*	*	E	3	*	*	*	b	*	*
Paris ...	30.09r	-.10	76	*	+12	84	66	NE	3	?	?	3	bf	-	*
Lyons ...	?	?	79	*	+2	*	*	S	1	*	*	*	b	*	*
Toulon ...	30.13r	-.04	76	65	-1	86	71	NE	1	4	NN	6	oe	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	30.24	63	54	?	4	*	7	2	Valencia ...	30.13	70	62	S	4	3	6	3
Thurso ...	30.07	81	71	S	2	3	6	1	Scilly ...	30.17	70	65	ESE	5	0	6	*
Scarborough...	30.27	63	60	SE	2	0	6	3	London ...	30.22	72	62	ESE	2	0	6	3
Greencastle ...	30.14	70	65	SEW	4	7	e	*	Rocheport...	30.14	77	68	NN	3	0	6	*
Holyhead ...	30.20	68	63	?	2	1	6	1									

No important change. The weather is very hot in Scotland.

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.

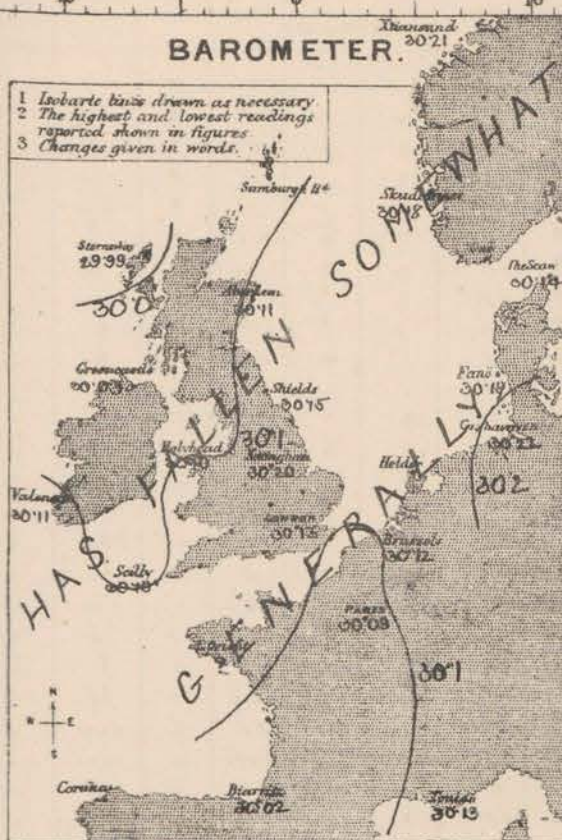
WEATHER CHARTS

AND REMARKS FOR

SUNDAY 19TH JULY 1874 AT 8 A.M.

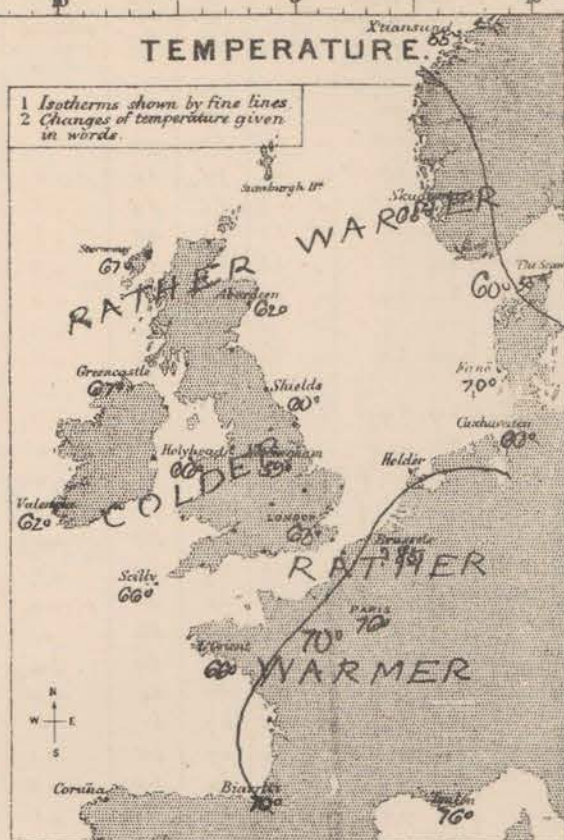
BAROMETER.

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



TEMPERATURE.

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

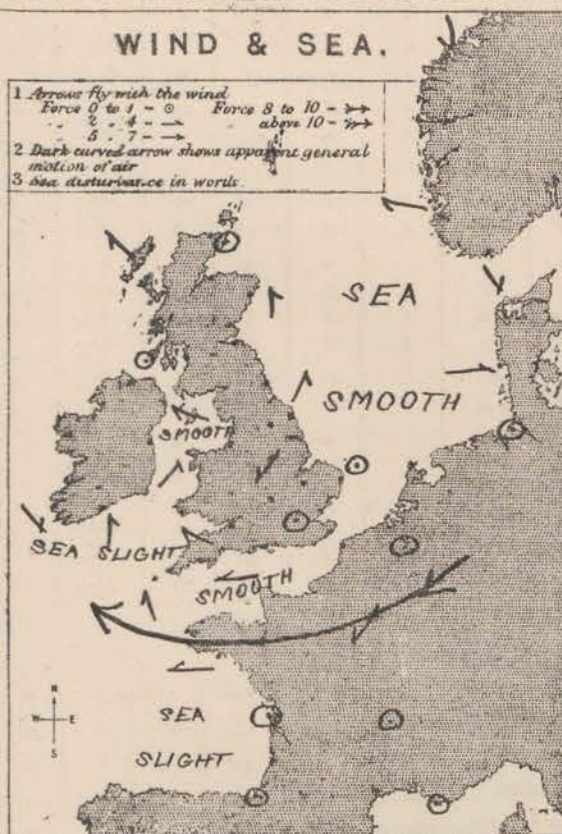


During the past twenty-four hours the barometer has fallen over the whole of Western Europe. The decrease has been very uniform, and gradients are still extremely slight.

Temperature has fallen over England - except at the Channel stations, but risen a little in other parts. The maximum temperature in the shade exceeded 80° over Central England and the north of Scotland yesterday.

WIND & SEA.

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



The winds are very light everywhere. They are generally E. in the south, but a W. wind is blowing over Denmark. The sea is smooth.

CLOUD, RAIN & C.

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



The sky is clear and the weather very fine in most places.

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

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

Daguerfield, Lith. London.

Mon- day 8 a.m.

WEATHER REPORT.

July 20th 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 ...	30.12		48	44		*	*	N	4	4	N	*	bo	*	*	
Hernösand ...	30.13		56	51		*	*	E	2	2	N	*	bo	*	*	
Stockholm ...	30.05		61	53		*	*	ENE	2	2	E	*	cb	*	*	
Wisby ...	30.14		64	55		*	*	NE	2	4	NE	*	cb	*	*	
Christiansund ...	29.98		60	56		*	*	NE	2	2	NE	*	b	*	1	
Skudesnaes ...	29.97		66	59		*	*	NNN	4	2	NNN	*	b	*	2	
Oxö (X'tiansand) ...	29.96		62	60		*	*	NE	4	2	NE	*	bo	*	2	
Skagen (The Skaw) ...	29.99		65	63		*	*	SSE	1	*	*	*	b	-	*	
Fanö ...	29.97		68	59		*	*	NN	2	*	*	*	b	-	*	
Cuxhaven ...	30.01 f	- 21	66	63	0	72	?	E	1	2	N	1	b	-	*	
Samburgh Head ...																
Stornoway (Hebrides) ...	29.89 f	- 10	60	57	- 7	71	49	SN	1	6	ESE	7	c	-	2	
Thurso ...	29.87 f	- 14	55	55	- 14	80	55	NN	2	4	SSE	9	md	0.10	2	
Wick ...	29.89 f	- 14	56	56	- 8	79	55	NNN	2	2	S	10	co	0.02	0	
Nairn ...	29.90 f	- 14	57	55	- 10	85	57	Z	0	1	N	10	br	0.18	0	
Aberdeen ...	29.90 f	- 21	59	58	- 3	63	57	Z	0	3	S	10	bm	0.12	0	
Leith ...	29.91 f	- 16	63	60	- 6	79	50	NN	2	2	NE	7	bo	0.17	*	
Shields ...	29.92 f	- 23	62	59	+ 2	66	54	N	2	5	S	7	bp	-	2	
York ...	29.95 f	- 24	69	60	+ 5	84	54	SSE	1	1	S	0	b	-	*	
Scarborough ...	29.90 f	- 26	69	64	+ 8	69	57	SSE	1	3	SE	2	b	-	1	
Nottingham ...	29.92 f	- 28	71	67	+ 12	89	59	SN	2	3	S	4	bm	-	*	
Ardrossan ...	29.93 f	- 14	61	58	- 6	74	58	NNN	2	2	NN	5	e	0.01	2	
Greencastle ...	29.93 f	- 10	64	60	- 3	71	58	Z	0	4	NNN	5	cc	0.26	*	
Donaghadee ...	29.94 f	- 15	63	62	- 1	70	54	NN	3	5	SE	6	c	-	2	
Kingstown ...	30.02 f	- 07	61	57	- 4	72	58	NNN	3	4	NNN	4	cc	-	2	
Holyhead ...	29.98 f	- 12	61	58	- 5	75	59	NNN	2	2	SN	5	c	-	1	
Liverpool (Bidston Obs.) ...	29.95 f	- 15	61	59	- 3	82	56	N	2	3	N	6	bc	0.01	2	
Valencia ...	30.01 f	- 10	60	55	- 2	66	56	NE	2	3	NN	7	bc	0.01	2	
Roche's Point ...	30.00 f	- 09	65	61	0	78	56	NNN	3	4	NNN	7	c	-	3	
Pembroke ...	30.00 f	- 12	60	58	- 4	75	57	NN	1	1	SE	3	c	0.01	1	
Portishead ...	29.95 f	- 18	72	65	0	84	60	N	4	2	S	0	b	-	3	
Scilly ...	30.06 f	- 04	63	60	- 3	74	59	N	4	5	NNN	4	c	-	4	
Plymouth ...	30.00 f	- 12	68	65	+ 1	75	62	N	2	3	SE	8	bo	-	*	
Hurst Castle ...	29.96 f	- 15	70	65	+ 5	78	61	N	1	2	N	4	ge	-	1	
Dover ...	29.91 f	- 19	72	66	+ 3	77	63	SN	1	3	ENE	2	b	-	1	
London ...	29.93 f	- 20	74	67	+ 11	88	57	NNN	1	3	SE	9	bo	-	*	
Oxford ...	29.94 f	- 20	70	63	+ 10	87	59	N	1	1	E	9	bo	-	*	
Cambridge ...	29.92 f	- 24	74	66	+ 14	89	59	Z	0	1	SE	10	bc	-	0	
Yarmouth ...	29.95 f	- 22	67	65	+ 2	70	63	Z	0	2	ESE	2	b	-	*	
Helder ...	29.95		71	*		*	*	E	3	*	*	*	*	*	2	
Cape Gris Nez ...	29.92 f		69	65		77	65	Z	0	1	E	5	bc	-	1	
Brest ...	30.10 s		63	61		73	60	NNN	3	4	N	5	bc	-	2	
L'Orient ...	?		65	63		89	?	N	4	4	NNN	4	bc	-	2	
Rochefort ...	30.01 f		71	66		77	64	N	4	5	NN	0	b	-	3	
Biarritz ...	30.05 f		70	68		82	68	NN	5	5	N	9	mr	0.16	3	
Corunna ...			*	*		*	*		*	*	*	*	*	*	*	*
Brussels ...	29.92		77	*		*	*	N	1	*	*	*	b	*	*	*
Charleville ...	29.96		71	*		*	*	NE	3	*	*	*	b	*	*	*
Paris ...			*	*		*	*		*	*	*	*	*	*	*	*
Lyons ...	?		81	*		*	*	NE	3	*	*	*	b	*	*	*
Toulon ...	30.05 f		80	69		89	72	Z	0	1	SN	4	cf	-	2	

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	30.10	66	60	N	4	*	b	3	Valencia ...						
Thurso ...									Scilly ...						*
Scarborough ...									London ...						
Greencastle ...							*		Rochefort ...	30.08	78.2	76.8	NN	4	0
Holyhead ...															3

EXPLANATION OF COLUMNS.

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

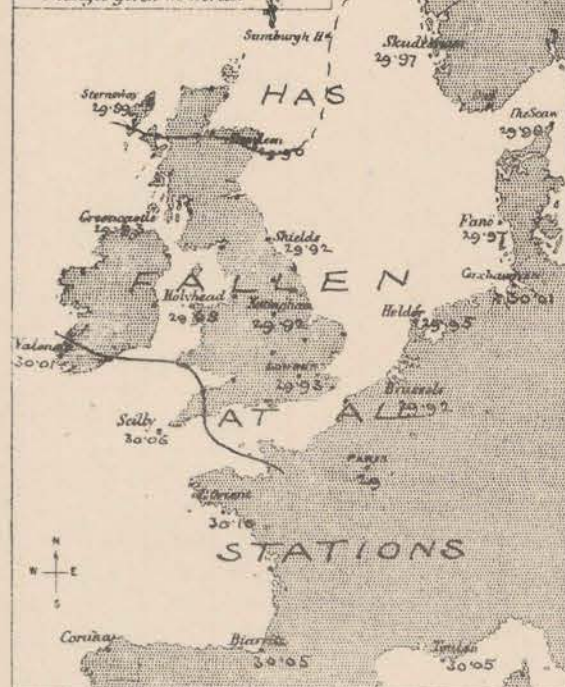
WEATHER CHARTS

AND REMARKS FOR

MONDAY 20TH JULY 1874 AT 8 A.M.

BAROMETER.

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



The barometer has again fallen generally over Western Europe and readings which are highest on the Continent are still very uniform.

TEMPERATURE.

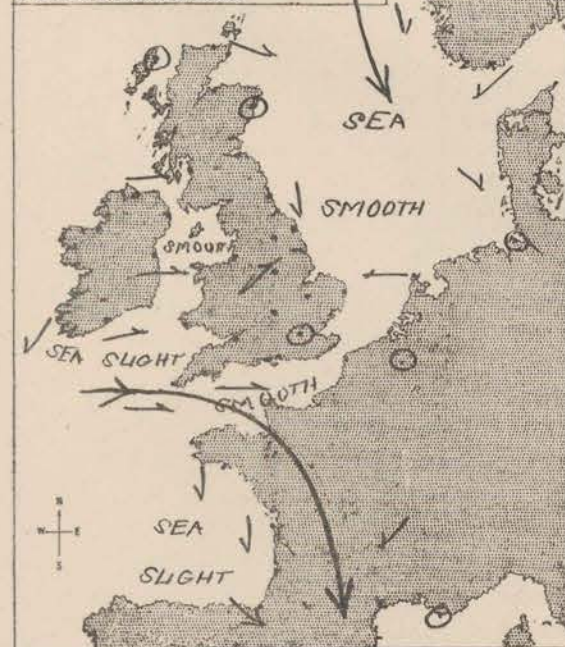
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has fallen a little on our western and northern coasts but risen considerably over south eastern and Central England. In London it rose to 88°, and at Nottingham to 89° in the shade yesterday.

WIND & SEA.

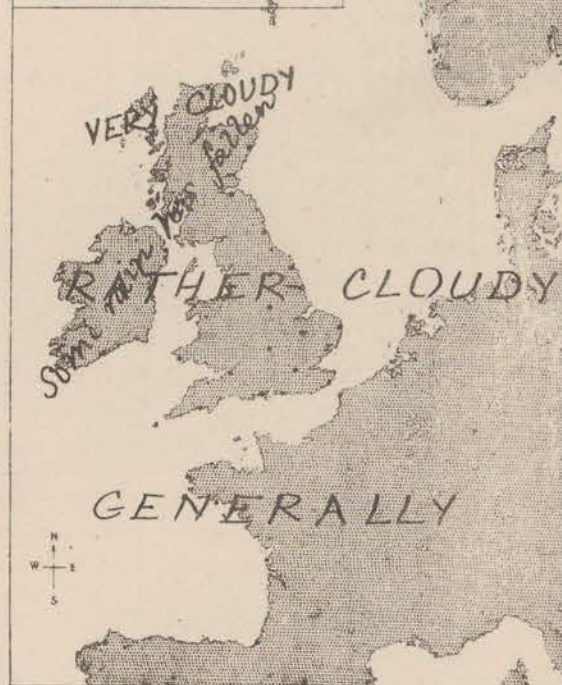
- 1 Arrows fly with the wind
Force 0 to 1 - ○
2 - 4 - →
5 - 7 - →→
Force 8 to 10 - →→→
above 10 - →→→→
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



The wind is very light generally. On the Continent it is chiefly N., while in the northern and western coasts. The sky is rather south of England it is W., but very variable elsewhere. cloudy in most places, especially in the north. The sea is smooth.

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 on our northern and western coasts. The sky is rather cloudy in most places, especially in the north. Note Our Continental reports for yesterday did not arrive in time for us to use them for this morning's differences.

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

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

Tues - day 8 a.m.

WEATHER REPORT.

July 21st

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 ...	30.01	-11	50	48	+5	*	*	SW	2	2	N	*	c	*	*
Hernösand ...	29.95	-18	67	49	+11	*	*	SW	4	2	S	*	br	*	*
Stockholm ...	29.97	-08	61	55	0	*	*	S	2	4	SE	*	bo	*	*
Wisby ...	30.11	-03	60	54	-4	*	*	NE	2	2	SE	*	b	*	*
Christiansund ...	29.79	-18	58	55	-2	*	*	Z	0	2	NNE	*	be	*	0
Skudesnaes ...	29.72	-25	63	59	-3	*	*	Z	0	0	Z	*	ow	*	2
Oxö (X'hanaand)	29.75	-21	64	61	+2	*	*	ENE	4	2	E	*	be	*	2
Skagen (The Skaw)	29.82	-17	64	61	-1	*	*	S	4	*	*	*	c	-	*
Fanö ...	29.71	-26	71	67	+3	*	*	SE	4	*	*	*	b	-	*
Cuxhaven ...	29.71f	-30	70	64	+4	79	?	S	1	1	NNE	1	b	-	*
Sumburgh Head															
Sornoway (He-bridges)	29.69f	-20	60	58	0	65	48	NE	1	2	S	9	too	0.08	1
Thurso ...	29.68f	-19	60	57	+5	61	52	Z	0	2	N	4	ow	0.03	0
Wick ...	29.69f	-20	55	55	-1	58	49	NN	1	2	N	6	c	0.02	0
Nairn ...	29.71f	-19	58	54	+1	66	52	NE	1	1	N	7	c	0.02	1
Aberdeen ...	29.79f	-11	57	56	-2	79	55	N	1	1	NNE	9	c	-	1
Leith ...	29.70f	-21	59	58	-4	76	57	E	2	3	N	7	c	0.01	*
Shields ...	29.69f	-23	61	58	-1	67	59	NNE	1	1	SW	4	c	0.07	2
York ...	29.70f	-22	63	57	-6	79	52	NW	1	2	N	8	co	-	*
Scarborough ...	29.70f	-20	65	61	-4	70	56	SW	1	2	NE	3	tb	0.04	1
Nottingham ...	29.74f	-18	69	67	-2	88	58	SW	3	3	NN	8	cm	0.01	*
Ardrossan ...	29.69f	-24	60	58	-1	73	58	ENE	1	2	NW	8	cm	0.01	0
Greencastle ...	29.60f	-33	61	59	-3	67	59	Z	0	2	SW	10	g	0.02	*
Donaghadee ...	29.67f	-27	60	58	-3	65	55	S	2	4	SW	10	or	0.26	1
Kingstown ...	29.72f	-30	61	57	0	68	60	NN	4	4	N	5	ow	0.11	3
Holyhead ...	?	?	61	60	0	69	59	SW	2	3	SW	7	ow	0.11	1
Liverpool (Bidston Obs.)															
Valencia ...	29.90r	-11	59	55	-1	65	54	N	4	4	N	6	p	0.97	4
Roche's Point ...	29.81s	-19	60	55	-5	70	55	NN	3	5	NN	5	mc	0.18	4
Pembroke ...	29.78f	-22	60	57	0	68	58	N	5	5	N	7	of	0.03	3
Portishead ...	29.78f	-17	64	61	-8	82	52	N	5	6	NN	8	gp	0.06	4
Scilly ...	29.93f	-13	60	57	-3	79	57	N	5	6	N	5	cq	0.14	5
Plymouth ...	29.86f	-14	63	60	-5	78	60	N	4	5	N	10	fm	0.10	*
Hurst Castle ...	29.83f	-13	67	62	-3	76	63	NN	6	6	NN	5	bo	-	5
Dover ...	29.84r	-07	66	62	-6	73	61	NW	3	3	NW	5	bo	-	3
London ...	29.82f	-11	66	62	-8	90	57	NW	2	3	SW	8	bo	-	*
Oxford ...	29.78	-16	65	61	-5	86	58	NW	1	3	N	9	co	0.02	*
Cambridge ...	29.78r	-14	64	60	-10	88	60	SW	1	1	SW	9	ed	-	*
Yarmouth ...	29.78f	-17	64	59	-5	71	59	N	2	2	NN	3	bm	0.01	1
Helder ...	29.71	-24	67	*	-4	*	*	NW	2	*	*	*	*	*	2
Cape Gris Nez ...	29.85f	-07	62	58	-7	75	60	N	4	3	NW	7	co	-	3
Brest ...	30.02f	-08	62	60	-1	72	58	N	3	4	NW	5	ro	0.16	4
L'Orient ...	?	?	62	62	-3	75	?	NN	3	7	NN	9	bf	-	5
Rocheport ...	30.10r	-09	67	60	-4	?	63	NN	4	8	NN	5	be	-	3
Biarritz ...	30.14r	+09	67	65	-3	70	65	N	4	5	NN	9	ro	0.67	3
Corunna ...	30.23		70	*		*	*	?	?	*	*	*	c	*	*
Brussels ...	29.82	-10	66	*	-11	*	*	NW	?	*	*	*	c	*	*
Charleville ...	29.94	-02	64	*	-7	*	*	?	?	*	*	*	c	*	*
Paris ...	29.96r	+01	63	*	-9	89	58	NN	4	7	NW	8	c	-	*
Lyons ...	?	?	77	*	-4	*	*	N	1	*	*	*	b	*	*
Toulon ...	29.99f	-06	74	67	-6	86	70	NN	3	3	NN	2	fe	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.		
Skudesnaes ...	29.88	66	58	N	4	*	b	3	Valencia ...	29.90	62	60	S	3	9	m
Thurso ...	29.83	54	54	N	2	9	d	2	Scilly ...	30.00	68	63	WSW	4	7	c
Scarborough...	29.85	65	61	NE	2	5	c	2	London ...	29.85	83	68	WSW	1	4	bc
Greencastle ...	29.87	67	61	SW	1	8	c	*	Rocheport...	30.02	73	66	NN	5	6	c
Holyhead ...	29.94	67	60	ESE	2	4	c	1								

A slight recovery of pressure is reported from the S. of France. Elsewhere the mercury continues to fall slowly, most at Valencia where the wind has veered to S. In London temperatures is very high - 18° higher than at Scarborough.

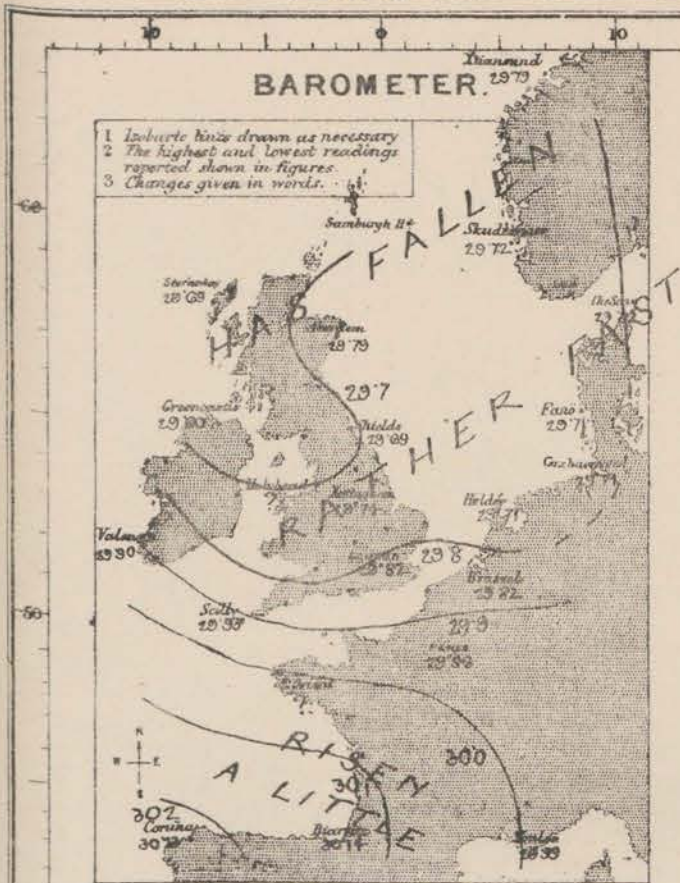
EXPLANATION OF COLUMNS.

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

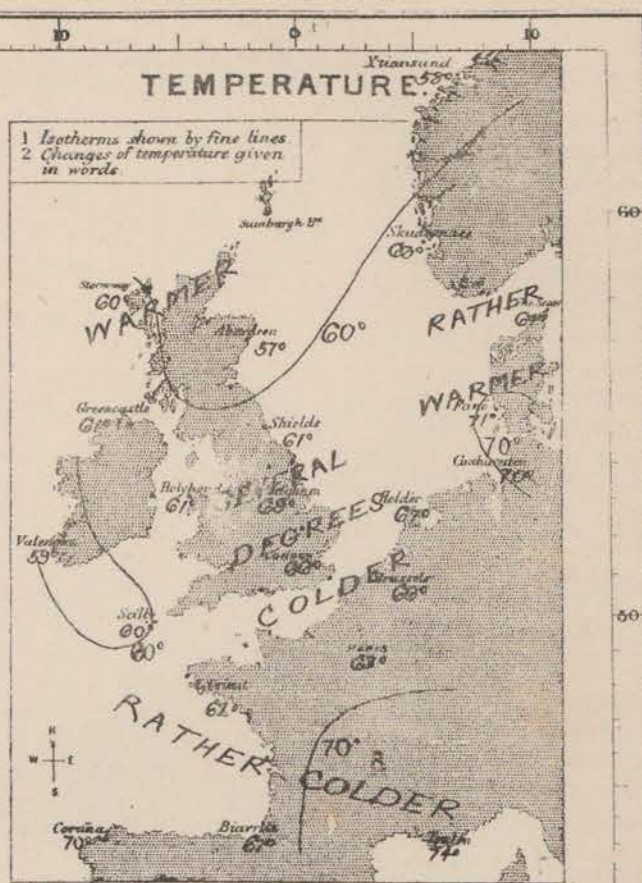
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

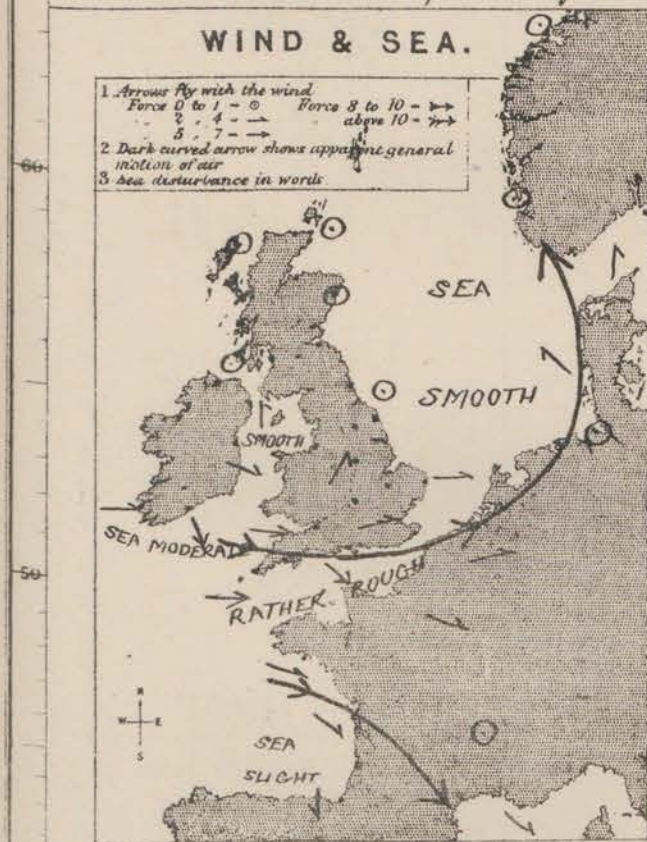
TUESDAY 21ST JULY 1874 AT 8 A.M.



During the past twenty-four hours a rather brisk fall of the barometer has taken place at the northern and eastern stations, accompanied by a slight rise in the south-west of France. A shallow depression now lies over our north-western stations, and apparently another over the North-Sea, while the highest readings are found over the Bay of Biscay. Gradualities over our western stations are steeper than of late.



Temperature has fallen several degrees at the southern and south eastern stations and to a less extent in most other places. In London it rose to 90° in the shade, and to 88° at Nottingham and Cambridge yesterday.



The W breeze in the straits has freshened a little and veered to NW at some stations, while SE to E breezes are felt in Orkney and the Skagerrak, and E airs in Scotland.

The sea is moderate in the south,
smooth elsewhere.



A little rain has fallen in most parts of the Country, and a large amount is reported from Valencia. Thunder has occurred at Bagnoney and Carbons. The sky is generally more cloudy than of late.

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

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

ROBERT H. SCOTT, Director.

Dangerfield, lith. 22 Bedford St Covent Garden

Wednesday - day 8 a.m.

WEATHER REPORT.

July 22nd

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 ...	29.90	- .11	53	49	0	*	*	NE	4	2	NE	*	00	*	*
Hernösand ...	29.73	- .22	54	53	- 13	*	*	NE	2	2	ESE	*	0	*	*
Stockholm ...	29.75	- .22	63	56	+ 2	*	*	S	2	4	S	*	00	*	*
Wisby ...	29.85	- .26	65	58	+ 5	*	*	S	6	2	S	*	bc	*	*
Christiansund ...	29.49	- .30	63	58	+ 5	*	*	Z	0	4	NNE	*	6	*	1
Skudesnaes ...	29.49	- .23	59	59	- 4	*	*	NSW	4	4	E	*	7	*	3
Oxö (X'iansand)	29.53	- .22	62	60	- 2	*	*	SW	4	2	NNE	*	0	*	2
Skagen (The Skaw)	29.58	- .24	62	61	- 2	*	*	SW	2	*	*	*	0	0.35	*
Fanö ...	29.64	- .07	60	54	- 11	*	*	NSW	4	*	*	*	0	1.14	*
Cuxhaven	29.74 f	+ .03	65	61	- 5	78	?	NSW	4	2	SSW	4	re	0.08	*
Sumburgh Head															
Stornoway (Hebrides)	29.65r	- .04	59	57	- 1	63	50	Z	0	4	NE	6	bm	0.02	0
Thurso...	29.61f	- .07	59	53	- 1	63	52	N	1	2	N	4	c	-	1
Wick ...	29.65r	- .04	57	54	+ 2	63	51	NN	1	2	NE	4	c	-	0
Nairn ...	29.68r	- .03	60	56	+ 2	66	53	Z	0	1	NE	8	bor	-	0
Aberdeen ...	29.66r	- .13	57	55	0	64	54	ESE	1	1	ENE	10	co	0.02	1
Leith ...	29.71r	+ .01	59	56	0	70	54	N	3	2	N	7	re	0.16	*
Shields...	29.75r	+ .06	61	56	0	65	54	N	4	6	NN	5	tc	0.36	2
York ...	29.81r	+ .08	61	56	- 2	72	52	N	2	2	NNN	4	the	0.10	*
Scarborough ...	29.78r	+ .08	64	59	- 1	68	52	NSW	2	1	S	4	tc	0.02	2
Nottingham ...	29.87r	+ .13	66	62	- 3	67	50	N	3	5	NNN	9	tgw	0.10	*
Ardrossan ...	29.75r	+ .06	62	56	+ 2	68	57	NNN	3	5	NNN	6	etc	0.13	2
Greencastle ...	29.77r	+ .17	60	56	- 1	64	55	NSW	4	4	NSW	10	og	0.18	*
Donaghadee ...	29.91r	+ .14	58	56	- 2	62	51	NSW	4	4	NSW	10	ro	0.39	3
Kingstown ...	29.86r	+ .14	65	60	+ 4	68	57	N	3	6	NNN	9	co	-	2
Holyhead ...	29.86r	?	59	57	- 2	66	56	SW	3	3	NSW	6	pm	0.02	2
Liverpool (Bidston Obs.)	29.84r	+ .15	60	55	0	67	56	N	4	7	N	7	a	0.01	4
Valencia ...	29.90f	00	59	56	0	65	55	SSE	3	4	N	8	kg	0.09	3
Roche's Point...	29.90f	+ .09	61	57	+ 1	68	55	N	3	6	NN	7	pge	0.10	3
Pembroke ...	29.92r	+ .14	60	57	0	63	57	N	2	6	N	9	af	0.07	2
Portishead ...	29.93r	+ .15	66	59	+ 2	75	57	NNN	3	7	NNN	7	qv	-	3
Scilly ...	30.00f	+ .07	60	59	0	66	58	SSW	1	5	N	8	co	0.15	5
Plymouth ...	29.97r	+ .11	62	59	- 1	73	58	SW	2	5	NNN	7	cq	-	*
Hurst Castle ...	29.98r	+ .15	65	60	- 2	76	60	SW	3	6	N	10	co	-	3
Dover ...	29.94r	+ .10	65	64	- 1	68	54	SW	3	5	NSW	2	cb	0.03	3
London ...	29.94r	+ .12	64	59	- 2	77	52	NSW	2	5	NSW	8	boe	-	*
Oxford...	29.92	+ .14	61	56	- 4	76	52	SW	2	6	N	8	co	0.03	*
Cambridge ...	29.89r	+ .11	65	58	+ 1	77	53	NSW	1	4	SW	8	pc	0.01	*
Yarmouth ...	29.88r	+ .10	62	57	- 2	73	54	NNN	3	4	N	3	rb	0.40	1
Helder...	29.83	+ .12	63	*	- 4	*	*	N	6	*	*	*	*	*	4
Cape Gris Nez...	29.95r	+ .10	61	57	- 1	64	56	N	5	7	N	6	c	-	4
Brest ...	30.04f	+ .02	62	62	0	69	59	SW	4	4	SW	10	o	-	3
L'Orient ...	?	?	62	60	0	76	?	SE	1	5	NNN	6	c	-	2
Rochefort ...	30.14r	+ .04	66	61	- 1	?	60	SE	3	7	N	6	oe	-	3
Biarritz ...	30.12f	- .02	70	66	+ 3	74	62	SE	3	3	NN	3	c	-	3
Corunna ...															
Brussels ...	29.97	+ .15	72	*	+ 6	*	*	SW	3	*	*	*	c	*	*
Charleville ...	30.13	+ .19	59	*	- 5	*	*	SW	6	*	*	*	o	*	*
Paris ...	30.12r	+ .16	64	*	+ 1	75	54	SW	4	5	SW	0	cb	-	*
Lyons ...	?	?	75	*	- 2	*	*	N	3	*	*	*	b	*	*
Toulon...	30.05r	+ .06	73	62	- 1	?	67	NN	4	5	N	2	cb	-	4

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

Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.65	64	58	Z	0	*	Valencia ...	29.94	61	57	N	4	7
Thurso ...	29.64	61	57	ESE	2	3	Scilly ...	30.00	65	60	NNN	5	5
Scarborough ...	29.65	65	62	ESE	1	7	London ...	29.82	73	61	NSW	5	6
Greencastle ...	29.70	61	59	NNN	4	9	Rochefort ...	30.11	73	64	N	7	10
Holyhead ...	29.73	62	59	NNE	3	6							

The barometer has begun to rise again in Ireland, and the wind has shifted to the N^W at Holyhead.

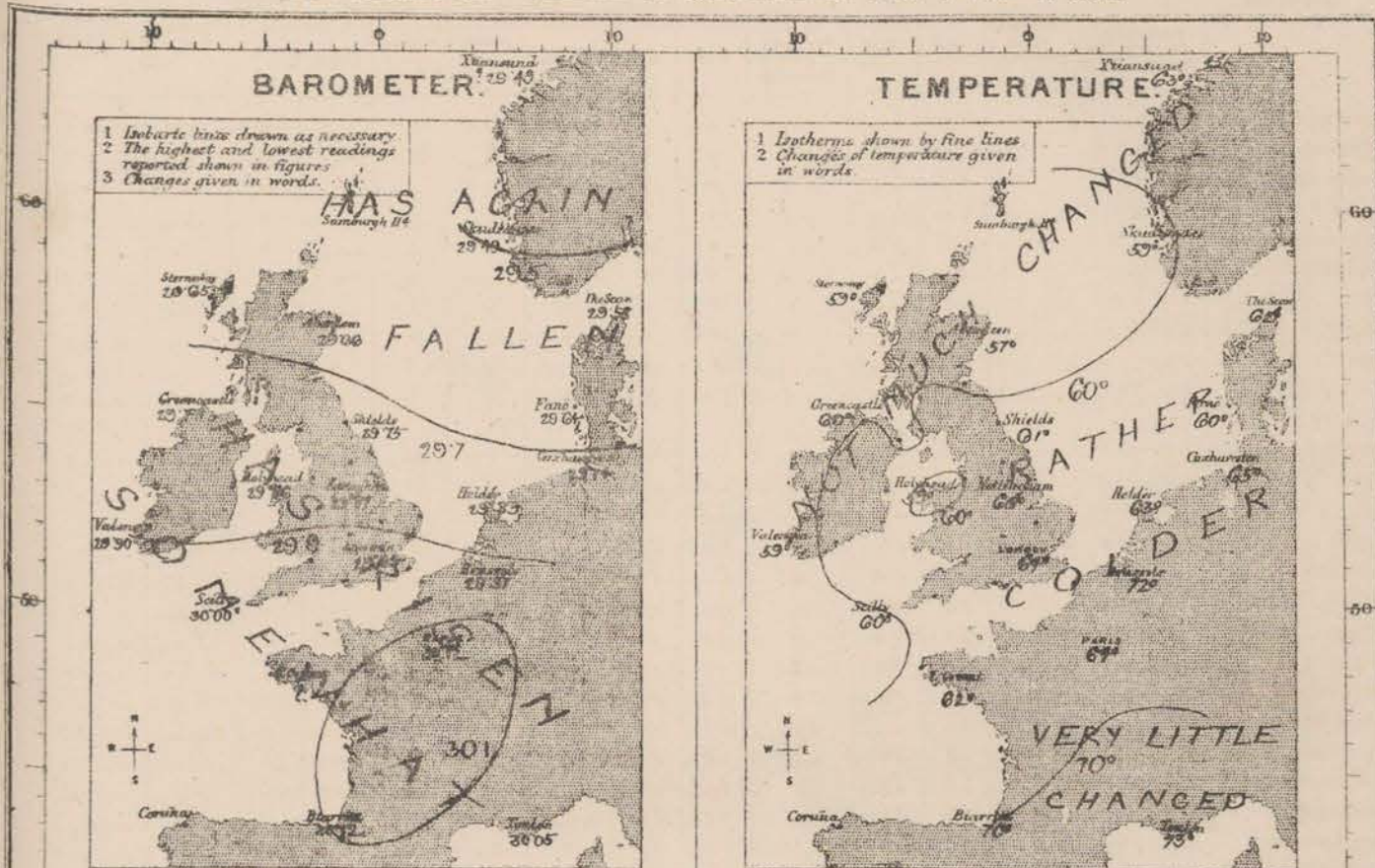
EXPLANATION OF COLUMNS.

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

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

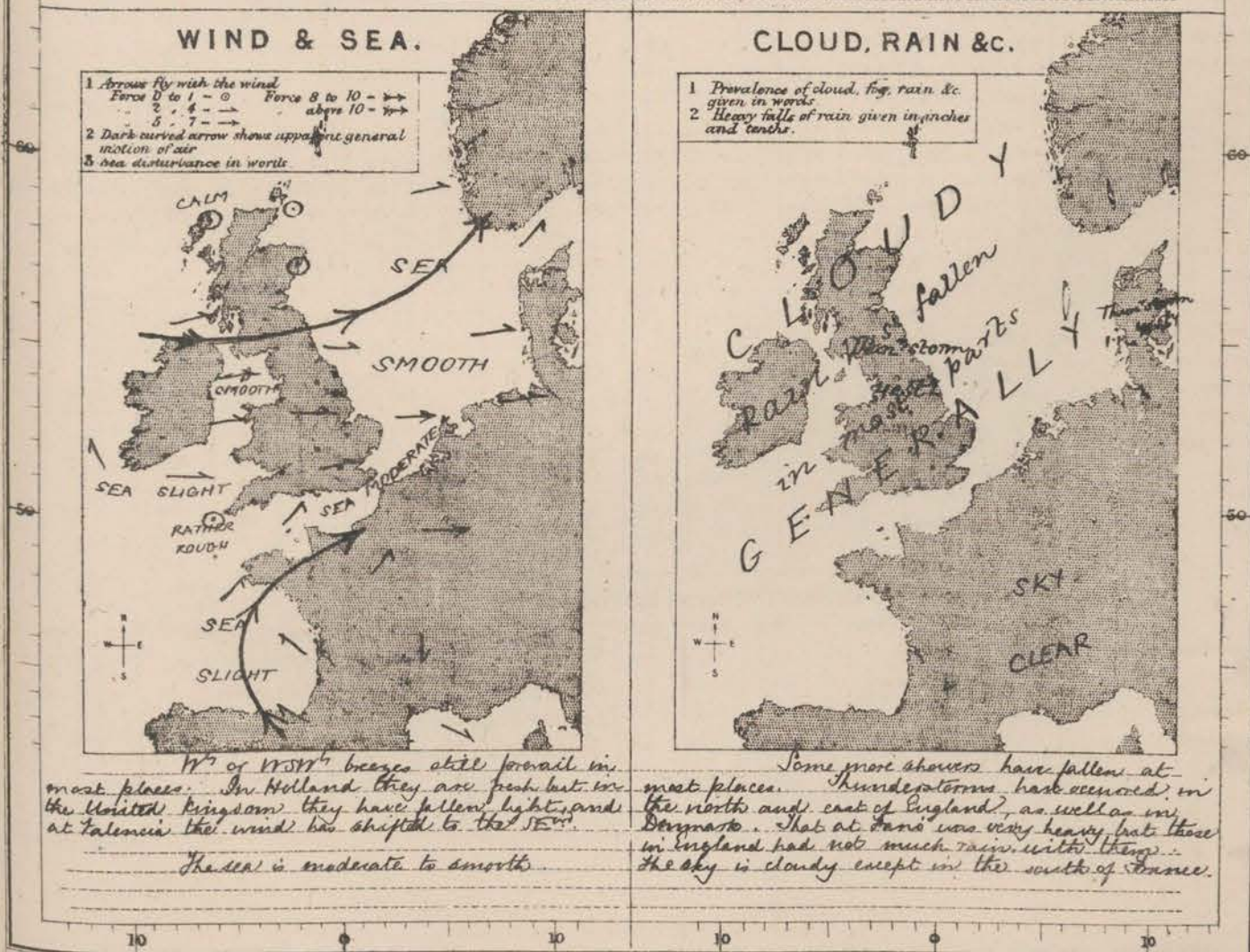
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

WEATHER CHARTS
AND REMARKS FOR
WEDNESDAY 22ND JULY 1874 AT 8 A.M.



The fall of the barometer noticed in our Islands yesterday has now passed on to the south of Norway, and a slight recovery has taken place over the British Islands and hence. The highest readings are found at the French stations, and from Paris to Skiddomoe, there is a gradient of 0.05 in per 50 miles.

Temperature has again decreased somewhat in the east and south east, - elsewhere there is no decided change. In London it did not rise above 74° yesterday.



W or NW breezes still prevail in most places. In Holland they are fresh but in the United Kingdom they have fallen light, and at Valencia the wind has shifted to the SE.

The seal is moderate to smooth

Some more showers have fallen at most places. Thunder storms have occurred in the north and east of England, as well as in Germany. That at Paris was very heavy, but those in England had not much rain with them. The sky is cloudy except in the south of France.

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

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

Dangerfield, lith. 22, Bedford St. Covent Garden

Thurs. day 8 a.m.

WEATHER REPORT.

July 23rd 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.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
Haparanda ...	29.77	-.13	58	50	+5	*	*	NE	4	2	NE	*	cb	*	*
Hernösand ...	29.62	-.11	54	53	0	*	*	NN	4	4	NN	*	o	*	*
Stockholm ...	29.56	-.19	62	58	-1	*	*	?	?	?	?	*	c	*	*
Wisby ...	29.77	-.08	62	59	-3	*	*	N	4	4	S	*	c	*	*
Christiansund...	29.47	-.02	67	60	+4	*	*	Z	0	0	Z	*	ob	*	2
Skudesnaes ...	29.59	+.10	54	53	-5	*	*	NSW	6	6	NSW	*	r	*	4
Oxö (Christiansund)	29.61	+.08	57	54	-5	*	*	SN	6	6	SN	*	o	*	3
Skagen (The Skaw)	29.65	+.07	59	56	-3	*	*	N	4	*	*	*	o	—	*
Fanö ...	29.75	+.11	65	60	+5	*	*	N	5	*	*	*	c	0.39	*
Cuxhaven ...	29.84f	+.10	60	59	-5	66	?	SN	1	4	N	7	et	0.55	*
Sumburgh Head															
Stornoway (Hermes)	29.67r	+.02	61	58	+2	65	47	SE	2	2	NSW	5	pc	0.34	2
Thurso...	29.65s	+.04	59	56	0	63	45	NNN	1	1	NNN	4	c	—	0
Wick ...	29.67s	+.02	59	57	-2	64	45	NN	1	2	S	4	c	—	0
Nairn ...	29.69s	+.01	58	55	-2	68	49	Z	0	0	Z	8	po	0.22	0
Aberdeen ...	29.69s	+.03	60	57	+3	63	51	Z	0	1	S	1	pb	0.32	0
Leith ...	29.73r	+.02	63	61	+4	70	49	N	3	4	N	5	c	—	*
Shields...	29.76r	+.01	60	55	-1	68	56	NSW	2	5	N	7	c	—	1
York ...	29.82s	+.01	60	56	-1	64	51	S	1	3	NN	8	er	—	*
Scarborough ...	29.78r	.00	62	59	-2	69	53	NSN	1	3	N	6	c	—	1
Nottingham ...	29.82f	-.05	62	61	-4	73	55	SN	2	4	NSN	10	pu	0.18	*
Ardrossan ...	29.74s	-.01	60	56	-2	64	58	N	2	3	NNN	6	c	0.01	2
Greencastle ...	29.74r	-.03	59	56	-1	65	55	SN	1	4	NSN	9	o	0.19	*
Donaghadee ...	29.73f	-.08	58	56	0	65	51	N	5	5	N	6	tc	0.17	3
Kingstown ...	29.81f	-.05	57	54	-8	70	55	N	4	4	N	7	the	0.75	3
Holyhead ...	29.79f	-.07	59	56	0	68	57	NSN	3	4	SN	1	pb	0.01	2
Liverpool (Bidston Obs.)	29.80f	-.04	61	54	+1	66	54	S	1	3	N	7	c	0.06	2
Valencia ...	29.90r	.00	59	56	0	66	54	NNN	4	3	N	4	pe	0.07	3
Roche's Point...	29.88r	-.02	59	55	-2	72	54	N	3	4	NSN	3	cb	—	3
Pembroke ...	29.86f	-.06	59	56	-1	64	55	NNN	4	4	N	4	po	0.05	2
Portishead ...	29.85f	-.08	64	60	-2	73	54	NSN	3	5	N	8	pg	0.11	3
Scilly ...	29.94r	-.06	61	58	+1	68	58	NNN	5	5	NNN	5	p	0.07	4
Plymouth ...	29.90f	-.07	63	60	+1	65	55	N	2	4	SSE	5	ga	0.07	*
Hurst Castle ...	29.89f	-.09	66	61	+1	73	59	N	3	4	ESE	5	pe	0.07	3
Dover ...	29.87f	-.07	64	60	-1	66	58	NSN	4	3	NSN	4	c	0.45	3
London ...	29.86f	-.08	67	61	+3	72	57	NSN	2	4	NSN	7	ope	0.02	*
Oxford...	29.85	-.07	61	58	0	70	56	N	1	5	NSN	8	o	—	*
Cambridge ...	29.84f	-.05	63	58	-2	74	56	N	1	2	NSN	9	po	0.02	*
Yarmouth ...	29.85f	-.03	60	57	-2	70	56	NSN	1	5	N	8	bo	0.01	1
Helder...	29.81	-.02	65	*	+2	*	*	SN	4	*	*	*	*	*	2
Cape Gris Nez...	29.88f	-.07	61	59	0	65	58	NSW	5	5	N	7	o	0.20	4
Brest ...	30.01r	-.03	60	58	-2	66	57	N	1	5	SN	6	c	0.08	4
L'Orient ...	?	?	62	60	0	75	?	NN	4	4	NNN	4	c	0.04	4
Rochefort ...	30.08r	-.06	65	63	-1	?	61	SE	4	5	NN	4	be	—	3
Biarritz ...	30.09r	-.03	68	66	-2	76	66	E	3	5	NE	10	co	—	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.90	-.07	61	*	-11	*	*	SN	3	*	*	*	c	*	*
Charleville ...	?	?	64	*	+5	*	*	SN	3	*	*	*	c	*	*
Paris ...	29.99r	-.13	66	*	+2	75	57	SN	4	5	E	2	o	—	*
Lyon...	?	?	73	*	-2	*	*	NN	1	*	*	*	b	*	*
Toulon...	30.07r	+.02	75	68	+2	78	?	Z	0	5	NN	3	be	—	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.51	58	57	nsn	6	*	r	4	Valencia ...	29.89	60	57	nsn	3	7	p	3
Thurso ...	29.64	56	52	?nnn	1	q	d	0	Scilly ...	29.95	65	62	ssn	5	7	c	4
Scarborough...	29.79	68	60	n	3	6	c	3	London ...	29.94	67	60	sn	4	10	o	*
Greencastle ...	29.76	65	58	sn	2	7	c	*	Rochefort...	30.11	76	69	n	4	0	b	3
Holyhead ...	29.86	64	60	sn	4	4	c	3									

The wind has freshened slightly from the SN over the greater part of England, but very little other change is reported.

EXPLANATION OF COLUMNS.

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

* 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.

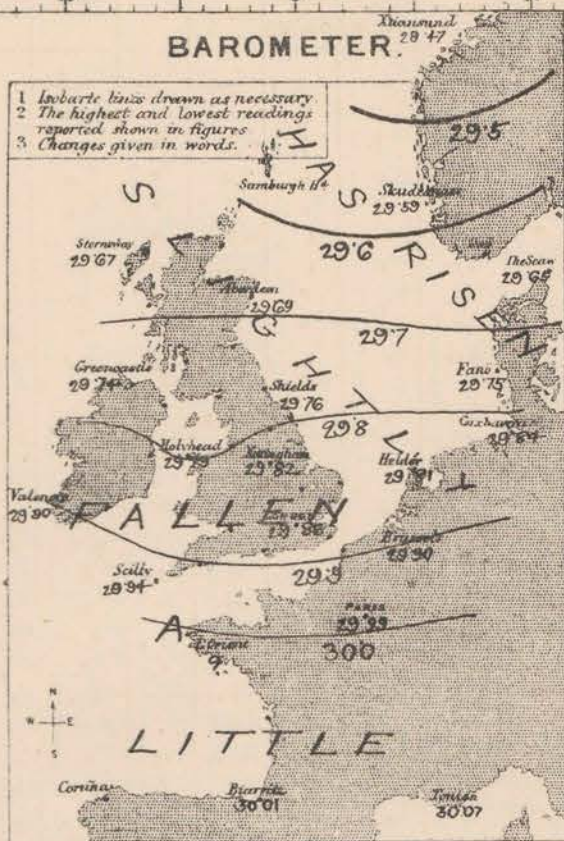
WEATHER CHARTS

AND REMARKS FOR

THURSDAY 23RD JULY 1874 AT 8 A.M.

BAROMETER.

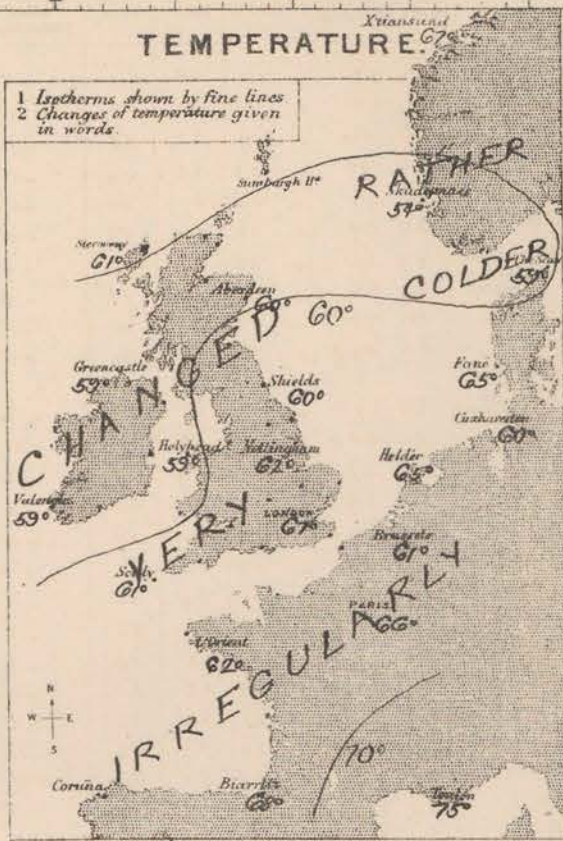
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The changes in barometrical pressure during the past 24 hours have been slight and irregular. The highest readings are still reported from France and the lowest from Scandinavia. The gradient between Rheims and Stockholm is only 0.63 in per 50 miles.

TEMPERATURE.

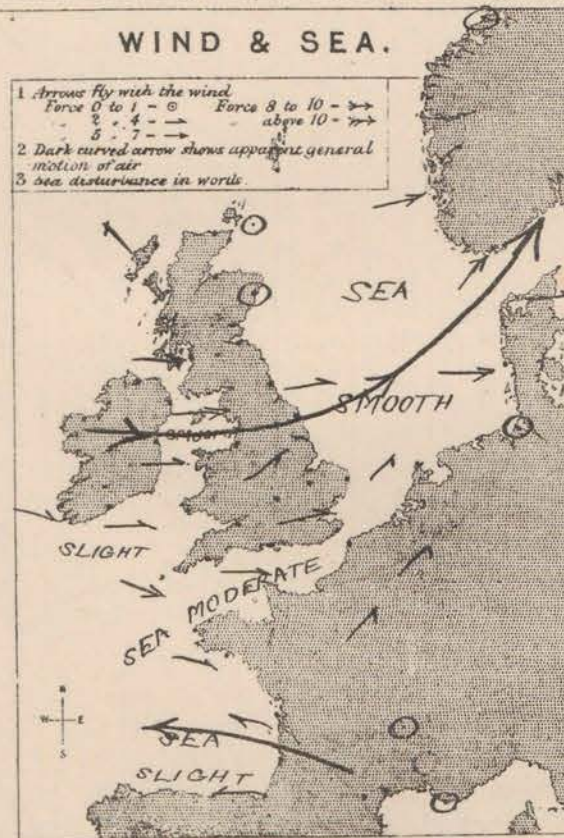
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature also, has changed very irregularly, but on the whole is little different from that reported yesterday morning. The highest shade temperature in London yesterday was 72°.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 0, Force 2 to 10 - 2, Force 10 to 15 - 3, Force 15 to 20 - 4, Force 20 to 30 - 5, Force 30 to 40 - 6, Force 40 to 50 - 7, Force 50 to 60 - 8, Force 60 to 70 - 9, Force 70 to 80 - 10, Force 80 to 90 - 11, Force 90 to 100 - 12.
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.

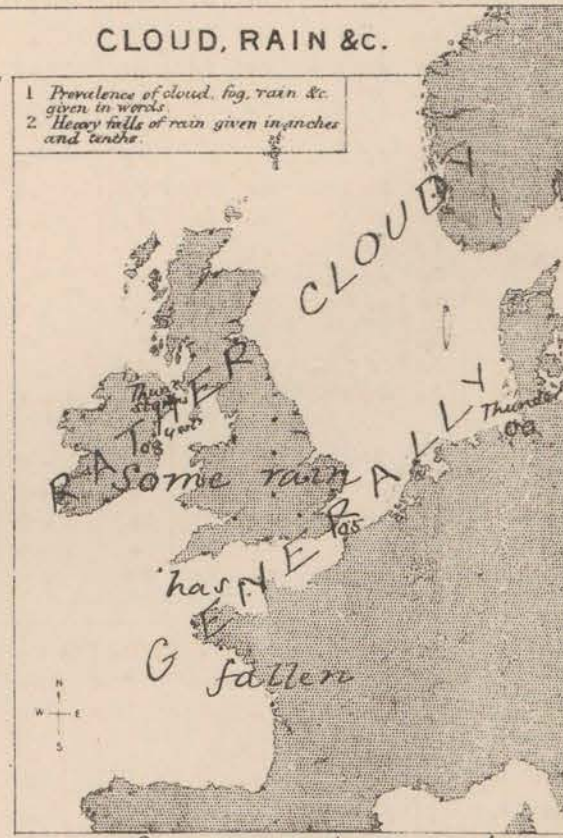


W. breezes are still chiefly prevalent drawing into SW in the Netherlands and the north of Norway. In force they are a little more fresh than they were yesterday.

The sea is moderate in the south-west, smooth in the north-east and east, and nearly so 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 showers have again fallen except in the north-east. Thunderstorms have occurred in the north-west. The sky is rather cloudy generally, with thunder at Copenhagen.

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

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

Dangerfield Lith. London

Fri - day 8 a.m.

WEATHER REPORT.

July 24th

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 ...	29.64	+ .02	57	53	+2	*	*	Z	0	0	Z	*	cb	*	*
Stockholm ...	29.67	+ .11	59	56	-3	*	*	NNN	4	0	Z	*	c	*	*
Wisby ...	29.81	+ .04	60	56	-2	*	*	N	6	4	SN	*	b	*	*
Christiansund ...	29.68	+ .21	58	56	-9	*	*	N	4	2	N	*	c	*	4
Skudesnaes ...	29.76	+ .17	55	53	+1	*	*	NSN	4	6	NSN	*	to	*	3
Oxö (X'tiansand) ...	29.71	+ .10	59	55	+2	*	*	NSN	4	4	NSN	*	cb	*	2
Skagen (The Skaw) ...	29.73	+ .08	59	58	0	*	*	NNN	4	*	*	*	c	-	*
Fanö ...	29.75	+ .00	68	63	+3	*	*	Z	0	*	*	*	c	-	*
Cuxhaven ...	29.80f	- .04	62	61	+2	?	51	SSN	1	1	NSN	7	co	0.02	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.81r	+ .14	56	53	-5	62	50	NNN	1	2	SSE	10	po	0.16	1
Thurso ...	29.72r	+ .07	54	53	-5	67	53	NNN	3	3	NN	9	cd	0.01	2
Wick ...	29.74r	+ .07	54	53	-5	61	48	N	3	3	N	10	co	0.33	0
Nairn ...	29.80r	+ .11	56	53	-2	67	55	Z	0	1	NE	9	epo	0.32	1
Aberdeen ...	29.78r	+ .09	58	54	-2	65	55	N	2	2	N	9	po	0.22	1
Leith ...	29.80r	+ .07	52	52	-11	72	51	N	2	3	NN	10	epo	1.63	*
Shields ...	29.75f	- .01	59	54	-1	66	52	N	2	3	NNN	3	pb	0.40	1
York ...	29.80s	- .02	61	56	+1	63	47	N	1	2	SN	5	tle	0.23	*
Scarborough ...	29.77r	- .01	61	57	-1	68	50	NSN	2	1	NE	3	ab	0.05	2
Nottingham ...	29.80s	- .02	63	59	+1	70	49	SN	2	5	NNN	8	tpm	0.02	*
Ardrossan ...	29.79r	+ .05	58	55	-2	66	55	NN	3	3	NNN	7	c	-	2
Greencastle ...	29.83r	+ .09	60	57	+1	61	53	NNN	2	2	NNN	4	oe	0.16	*
Donaghadee ...	29.80r	+ .07	58	57	0	69	54	NNN	3	5	N	5	c	0.02	2
Kingstown ...	29.84r	+ .03	55	53	-2	63	53	NNN	4	4	N	9	pto	0.25	3
Holyhead ...	29.87r	+ .08	57	55	-2	66	55	NNN	3	3	SN	6	po	0.01	2
Liverpool (Bidston Obs.) ...	29.80r	+ .00	51	50	-10	66	51	ESE	2	5	N	10	tr	0.72	2
Valencia ...	29.96r	+ .06	59	55	0	64	55	NNN	3	4	NN	5	c	-	3
Roche's Point ...	29.88r	+ .00	58	54	-1	66	53	NN	4	5	NN	3	cpb	0.02	3
Pembroke ...	29.87f	+ .01	58	55	-1	63	57	NN	2	4	NNN	5	bc	-	2
Portishead ...	29.84f	- .01	68	61	+4	74	55	N	4	6	NNN	8	lg	-	3
Scilly ...	29.93f	- .01	56	55	-5	67	55	NNN	4	5	NNN	7	p	0.37	4
Plymouth ...	29.90f	+ .00	58	57	-5	72	55	NSN	1	4	NNN	10	po	0.32	*
Hurst Castle ...	29.87f	- .02	64	60	-2	75	57	NN	2	5	NN	4	po	0.12	3
Dover ...	29.85r	- .02	67	59	+3	67	55	NSN	3	4	NSN	6	bc	-	2
London ...	29.85r	- .01	63	58	-4	76	49	N	2	4	NN	8	pc	-	*
Oxford ...	29.84	- .01	60	55	-1	75	50	NSN	1	3	NN	3	pb	0.04	*
Cambridge ...	29.82r	- .02	62	57	-1	72	48	NSN	1	1	NSN	7	tpo	0.05	*
Yarmouth ...	29.82s	- .03	59	56	-1	68	52	NNN	1	2	NSN	1	pb	0.15	1
Helder ...	29.78	- .03	61	*	-4	*	*	SN	2	*	*	*	*	*	2
Cape Gris Nez ...	29.86f	- .02	59	55	-2	67	57	NSN	4	4	NSN	4	c	-	3
Brest ...	30.02f	+ .01	58	58	-2	68	56	N	4	4	N	10	r	0.12	3
L'Orient ...	?	?	61	56	-1	75	?	NNN	4	5	NNN	7	o	-	3
Rochefort ...	30.09r	+ .01	61	59	-4	?	59	NN	4	5	NN	5	oe	0.39	3
Biarritz ...	30.12r	+ .03	66	62	-2	75	64	SN	5	3	NN	7	om	-	3
Corunna ...				*		*	*				*	*	*	*	
Brussels ...	29.85	- .05	61	*	0	*	*	NNN	3	*	*	*	c	*	*
Charleville ...	?	?	53	*	-11	*	*	NSN	3	*	*	*	r	*	*
Paris ...	29.95r	- .04	61	*	-5	79	57	N	4	5	NSN	5	rc	0.28	*
Lyons ...	?	?	73	*	0	*	*	N	3	*	*	*	c	*	*
Toulon ...	29.99f	- .08	69	64	-6	86	64	NN	5	4	SN	7	co	0.04	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.66	56	51	NSW	6	*	0	5	Valencia ...	29.94	62	57	W	4	5	c	4
Thurso ...	29.35	64	59	NNE	1	5	c	1	Scilly ...	29.97	66	61	W	5	5	pe	4
Scarborough...	29.78	60	57	NE	1	8	0	1	London ...	29.81	73	60	NSW	3	7	pe	*
Greencastle ...	29.76	60	57	SW	1	9	0	*	Rochefort...	30.07	72	63	NSW	5	10	0	3
Holyhead ...	29.93	63	58	SW	3	3	6	2									

No important change.

EXPLANATION OF COLUMNS.

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

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

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

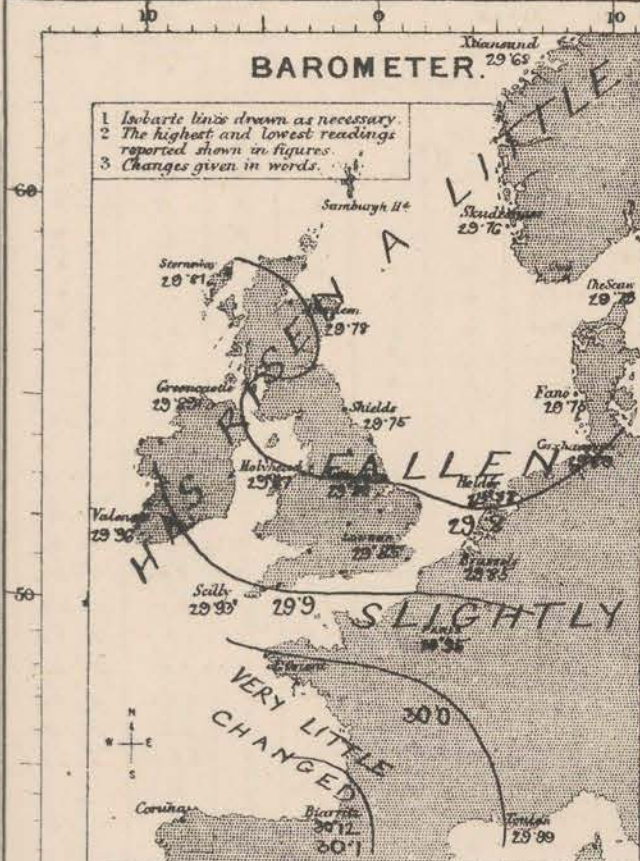
WEATHER CHARTS

AND REMARKS FOR

FRIDAY 24TH JULY 1874 AT 8 A.M.

BAROMETER.

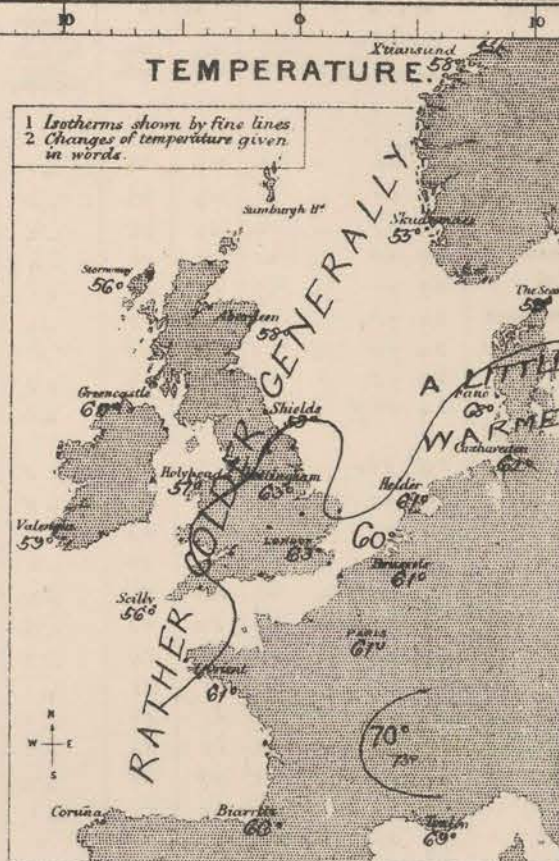
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The barometer has now risen somewhat at all the northern and western stations but fallen a little elsewhere. Readings are remarkably uniform over the North Sea and Norway, but increase in a SW. direction to above 30.1 in over the southern parts of the Bay of Biscay. Gradients are slight everywhere.

TEMPERATURE.

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



Temperature has decreased in most places. During the past night the shades thermometers fell to 47° at York and 48° in London, while on the 23rd in London temperature fell to 42°.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - - - Force 8 to 10 - - - Force 11 to 12 - - - Force 13 to 15 - - - Force 16 to 18 - - - Force 19 to 21 - - - Force 22 to 24 - - - Force 25 to 27 - - - Force 28 to 30 - - - Force 31 to 33 - - - Force 34 to 36 - - - Force 37 to 39 - - - Force 40 to 42 - - - Force 43 to 45 - - - Force 46 to 48 - - - Force 49 to 51 - - - Force 52 to 54 - - - Force 55 to 57 - - - Force 58 to 60 - - - Force 61 to 63 - - - Force 64 to 66 - - - Force 67 to 69 - - - Force 70 to 72 - - - Force 73 to 75 - - - Force 76 to 78 - - - Force 79 to 81 - - - Force 82 to 84 - - - Force 85 to 87 - - - Force 88 to 90 - - - Force 91 to 93 - - - Force 94 to 96 - - - Force 97 to 99 - - - Force 100 to 102 - - - Force 103 to 105 - - - Force 106 to 108 - - - Force 109 to 111 - - - Force 112 to 114 - - - Force 115 to 117 - - - Force 118 to 120 - - - Force 121 to 123 - - - Force 124 to 126 - - - Force 127 to 129 - - - Force 130 to 132 - - - Force 133 to 135 - - - Force 136 to 138 - - - Force 139 to 141 - - - Force 142 to 144 - - - Force 145 to 147 - - - Force 148 to 150 - - - Force 151 to 153 - - - Force 154 to 156 - - - Force 157 to 159 - - - Force 160 to 162 - - - Force 163 to 165 - - - Force 166 to 168 - - - Force 169 to 171 - - - Force 172 to 174 - - - Force 175 to 177 - - - Force 178 to 180 - - - Force 181 to 183 - - - Force 184 to 186 - - - Force 187 to 189 - - - Force 190 to 192 - - - Force 193 to 195 - - - Force 196 to 198 - - - Force 199 to 201 - - - Force 202 to 204 - - - Force 205 to 207 - - - Force 208 to 210 - - - Force 211 to 213 - - - Force 214 to 216 - - - Force 217 to 219 - - - Force 220 to 222 - - - Force 223 to 225 - - - Force 226 to 228 - - - Force 229 to 231 - - - Force 232 to 234 - - - Force 235 to 237 - - - Force 238 to 240 - - - Force 241 to 243 - - - Force 244 to 246 - - - Force 247 to 249 - - - Force 250 to 252 - - - Force 253 to 255 - - - Force 256 to 258 - - - Force 259 to 261 - - - Force 262 to 264 - - - Force 265 to 267 - - - Force 268 to 270 - - - Force 271 to 273 - - - Force 274 to 276 - - - Force 277 to 279 - - - Force 280 to 282 - - - Force 283 to 285 - - - Force 286 to 288 - - - Force 289 to 291 - - - Force 292 to 294 - - - Force 295 to 297 - - - Force 298 to 300 - - - Force 301 to 303 - - - Force 304 to 306 - - - Force 307 to 309 - - - Force 310 to 312 - - - Force 313 to 315 - - - Force 316 to 318 - - - Force 319 to 321 - - - Force 322 to 324 - - - Force 325 to 327 - - - Force 328 to 330 - - - Force 331 to 333 - - - Force 334 to 336 - - - Force 337 to 339 - - - Force 340 to 342 - - - Force 343 to 345 - - - Force 346 to 348 - - - Force 349 to 351 - - - Force 352 to 354 - - - Force 355 to 357 - - - Force 358 to 360 - - - Force 361 to 363 - - - Force 364 to 366 - - - Force 367 to 369 - - - Force 370 to 372 - - - Force 373 to 375 - - - Force 376 to 378 - - - Force 379 to 381 - - - Force 382 to 384 - - - Force 385 to 387 - - - Force 388 to 390 - - - Force 391 to 393 - - - Force 394 to 396 - - - Force 397 to 399 - - - Force 400 to 402 - - - Force 403 to 405 - - - Force 406 to 408 - - - Force 409 to 411 - - - Force 412 to 414 - - - Force 415 to 417 - - - Force 418 to 420 - - - Force 421 to 423 - - - Force 424 to 426 - - - Force 427 to 429 - - - Force 430 to 432 - - - Force 433 to 435 - - - Force 436 to 438 - - - Force 439 to 441 - - - Force 442 to 444 - - - Force 445 to 447 - - - Force 448 to 450 - - - Force 451 to 453 - - - Force 454 to 456 - - - Force 457 to 459 - - - Force 460 to 462 - - - Force 463 to 465 - - - Force 466 to 468 - - - Force 469 to 471 - - - Force 472 to 474 - - - Force 475 to 477 - - - Force 478 to 480 - - - Force 481 to 483 - - - Force 484 to 486 - - - Force 487 to 489 - - - Force 490 to 492 - - - Force 493 to 495 - - - Force 496 to 498 - - - Force 499 to 501 - - - Force 502 to 504 - - - Force 505 to 507 - - - Force 508 to 510 - - - Force 511 to 513 - - - Force 514 to 516 - - - Force 517 to 519 - - - Force 520 to 522 - - - Force 523 to 525 - - - Force 526 to 528 - - - Force 529 to 531 - - - Force 532 to 534 - - - Force 535 to 537 - - - Force 538 to 540 - - - Force 541 to 543 - - - Force 544 to 546 - - - Force 547 to 549 - - - Force 550 to 552 - - - Force 553 to 555 - - - Force 556 to 558 - - - Force 559 to 561 - - - Force 562 to 564 - - - Force 565 to 567 - - - Force 568 to 570 - - - Force 571 to 573 - - - Force 574 to 576 - - - Force 577 to 579 - - - Force 580 to 582 - - - Force 583 to 585 - - - Force 586 to 588 - - - Force 589 to 591 - - - Force 592 to 594 - - - Force 595 to 597 - - - Force 598 to 600 - - - Force 601 to 603 - - - Force 604 to 606 - - - Force 607 to 609 - - - Force 610 to 612 - - - Force 613 to 615 - - - Force 616 to 618 - - - Force 619 to 621 - - - Force 622 to 624 - - - Force 625 to 627 - - - Force 628 to 630 - - - Force 631 to 633 - - - Force 634 to 636 - - - Force 637 to 639 - - - Force 640 to 642 - - - Force 643 to 645 - - - Force 646 to 648 - - - Force 649 to 651 - - - Force 652 to 654 - - - Force 655 to 657 - - - Force 658 to 660 - - - Force 661 to 663 - - - Force 664 to 666 - - - Force 667 to 669 - - - Force 670 to 672 - - - Force 673 to 675 - - - Force 676 to 678 - - - Force 679 to 681 - - - Force 682 to 684 - - - Force 685 to 687 - - - Force 688 to 690 - - - Force 691 to 693 - - - Force 694 to 696 - - - Force 697 to 699 - - - Force 700 to 702 - - - Force 703 to 705 - - - Force 706 to 708 - - - Force 709 to 711 - - - Force 712 to 714 - - - Force 715 to 717 - - - Force 718 to 720 - - - Force 721 to 723 - - - Force 724 to 726 - - - Force 727 to 729 - - - Force 730 to 732 - - - Force 733 to 735 - - - Force 736 to 738 - - - Force 739 to 741 - - - Force 742 to 744 - - - Force 745 to 747 - - - Force 748 to 750 - - - Force 751 to 753 - - - Force 754 to 756 - - - Force 757 to 759 - - - Force 760 to 762 - - - Force 763 to 765 - - - Force 766 to 768 - - - Force 769 to 771 - - - Force 772 to 774 - - - Force 775 to 777 - - - Force 778 to 780 - - - Force 781 to 783 - - - Force 784 to 786 - - - Force 787 to 789 - - - Force 790 to 792 - - - Force 793 to 795 - - - Force 796 to 798 - - - Force 799 to 801 - - - Force 802 to 804 - - - Force 805 to 807 - - - Force 808 to 810 - - - Force 811 to 813 - - - Force 814 to 816 - - - Force 817 to 819 - - - Force 820 to 822 - - - Force 823 to 825 - - - Force 826 to 828 - - - Force 829 to 831 - - - Force 832 to 834 - - - Force 835 to 837 - - - Force 838 to 840 - - - Force 841 to 843 - - - Force 844 to 846 - - - Force 847 to 849 - - - Force 850 to 852 - - - Force 853 to 855 - - - Force 856 to 858 - - - Force 859 to 861 - - - Force 862 to 864 - - - Force 865 to 867 - - - Force 868 to 870 - - - Force 871 to 873 - - - Force 874 to 876 - - - Force 877 to 879 - - - Force 880 to 882 - - - Force 883 to 885 - - - Force 886 to 888 - - - Force 889 to 891 - - - Force 892 to 894 - - - Force 895 to 897 - - - Force 898 to 900 - - - Force 901 to 903 - - - Force 904 to 906 - - - Force 907 to 909 - - - Force 910 to 912 - - - Force 913 to 915 - - - Force 916 to 918 - - - Force 919 to 921 - - - Force 922 to 924 - - - Force 925 to 927 - - - Force 928 to 930 - - - Force 931 to 933 - - - Force 934 to 936 - - - Force 937 to 939 - - - Force 940 to 942 - - - Force 943 to 945 - - - Force 946 to 948 - - - Force 949 to 951 - - - Force 952 to 954 - - - Force 955 to 957 - - - Force 958 to 960 - - - Force 961 to 963 - - - Force 964 to 966 - - - Force 967 to 969 - - - Force 970 to 972 - - - Force 973 to 975 - - - Force 976 to 978 - - - Force 979 to 981 - - - Force 982 to 984 - - - Force 985 to 987 - - - Force 988 to 990 - - - Force 991 to 993 - - - Force 994 to 996 - - - Force 997 to 999 - - - Force 1000 to 1002 - - - Force 1003 to 1005 - - - Force 1006 to 1008 - - - Force 1009 to 1011 - - - Force 1012 to 1014 - - - Force 1015 to 1017 - - - Force 1018 to 1020 - - - Force 1021 to 1023 - - - Force 1024 to 1026 - - - Force 1027 to 1029 - - - Force 1030 to 1032 - - - Force 1033 to 1035 - - - Force 1036 to 1038 - - - Force 1039 to 1041 - - - Force 1042 to 1044 - - - Force 1045 to 1047 - - - Force 1048 to 1050 - - - Force 1051 to 1053 - - - Force 1054 to 1056 - - - Force 1057 to 1059 - - - Force 1060 to 1062 - - - Force 1063 to 1065 - - - Force 1066 to 1068 - - - Force 1069 to 1071 - - - Force 1072 to 1074 - - - Force 1075 to 1077 - - - Force 1078 to 1080 - - - Force 1081 to 1083 - - - Force 1084 to 1086 - - - Force 1087 to 1089 - - - Force 1090 to 1092 - - - Force 1093 to 1095 - - - Force 1096 to 1098 - - - Force 1099 to 1101 - - - Force 1102 to 1104 - - - Force 1105 to 1107 - - - Force 1108 to 1110 - - - Force 1111 to 1113 - - - Force 1114 to 1116 - - - Force 1117 to 1119 - - - Force 1120 to 1122 - - - Force 1123 to 1125 - - - Force 1126 to 1128 - - - Force 1129 to 1131 - - - Force 1132 to 1134 - - - Force 1135 to 1137 - - - Force 1138 to 1140 - - - Force 1141 to 1143 - - - Force 1144 to 1146 - - - Force 1147 to 1149 - - - Force 1150 to 1152 - - - Force 1153 to 1155 - - - Force 1156 to 1158 - - - Force 1159 to 1161 - - - Force 1162 to 1164 - - - Force 1165 to 1167 - - - Force 1168 to 1170 - - - Force 1171 to 1173 - - - Force 1174 to 1176 - - - Force 1177 to 1179 - - - Force 1180 to 1182 - - - Force 1183 to 1185 - - - Force 1186 to 1188 - - - Force 1189 to 1191 - - - Force 1192 to 1194 - - - Force 1195 to 1197 - - - Force 1198 to 1199 - - - Force 1200 to 1202 - - - Force 1203 to 1205 - - - Force 1206 to 1208 - - - Force 1209 to 1211 - - - Force 1212 to 1214 - - - Force 1215 to 1217 - - - Force 1218 to 1220 - - - Force 1221 to 1223 - - - Force 1224 to 1226 - - - Force 1227 to 1229 - - - Force 1230 to 1232 - - - Force 1233 to 1235 - - - Force 1236 to 1238 - - - Force 1239 to 1241 - - - Force 1242 to 1244 - - - Force 1245 to 1247 - - - Force 1248 to 1250 - - - Force 1251 to 1253 - - - Force 1254 to 1256 - - - Force 1257 to 1259 - - - Force 1260 to 1262 - - - Force 1263 to 1265 - - - Force 1266 to 1268 - - - Force 1269 to 1271 - - - Force 1272 to 1274 - - - Force 1275 to 1277 - - - Force 1278 to 1280 - - - Force 1281 to 1283 - - - Force 1284 to 1286 - - - Force 1287 to 1289 - - - Force 1290 to 1292 - - - Force 1293 to 1295 - - - Force 1296 to 1298 - - - Force 1299 to 1301 - - - Force 1302 to 1304 - - - Force 1305 to 1307 - - - Force 1308 to 1310 - - - Force 1311 to 1313 - - - Force 1314 to 1316 - - - Force 1317 to 1319 - - - Force 1320 to 1322 - - - Force 1323 to 1325 - - - Force 1326 to 1328 - - - Force 1329 to 1331 - - - Force 1332 to 1334 - - - Force 1335 to 1337 - - - Force 1338 to 1340 - - - Force 1341 to 1343 - - - Force 1344 to 1346 - - - Force 1347 to 1349 - - - Force 1350 to 1352 - - - Force 1353 to 1355 - - - Force 1356 to 1358 - - - Force 1359 to 1361 - - - Force 1362 to 1364 - - - Force 1365 to 1367 - - - Force 1368 to 1370 - - - Force 1371 to 1373 - - - Force 1374 to 1376 - - - Force 1377 to 1379 - - - Force 1380 to 1382 - - - Force 1383 to 1385 - - - Force 1386 to 1388 - - - Force 1389 to 1391 - - - Force 1392 to 1394 - - - Force 1395 to 1397 - - - Force 1398 to 1399 - - - Force 1400 to 1402 - - - Force 1403 to 1405 - - - Force 1406 to 1408 - - - Force 1409 to 1411 - - - Force 1412 to 1414 - - - Force 1415 to 1417 - - - Force 1418 to 1420 - - - Force 1421 to 1423 - - - Force 1424 to 1426 - - - Force 1427 to 1429 - - - Force 1430 to 1432 - - - Force 1433 to 1435 - - - Force 1436 to 1438 - - - Force 1439 to 1441 - - - Force 1442 to 1444 - - - Force 1445 to 1447 - - - Force 1448 to 1450 - - - Force 1451 to 1453 - - - Force 1454 to 1456 - - - Force 1457 to 1459 - - - Force 1460 to 1462 - - - Force 1463 to 1465 - - - Force 1466 to 1468 - - - Force 1469 to 1471 - - - Force 1472 to 1474 - - - Force 1475 to 1477 - - - Force 1478 to 1480 - - - Force 1481 to 1483 - - - Force 1484 to 1486 - - - Force 1487 to 1489 - - - Force 1490 to 1492 - - - Force 1493 to 1495 - - - Force 1496 to 1498 - - - Force 1499 to 1501 - - - Force 1502 to 1504 - - - Force 1505 to 1507 - - - Force 1508 to 1510 - - - Force 1511 to 1513 - - - Force 1514 to 1516 - - - Force 1517 to 1519 - - - Force 1520 to 1522 - - - Force 1523 to 1525 - - - Force 1526 to 1528 - - - Force 1529 to 1531 - - - Force 1532 to 1534 - - - Force 1535 to 1537 - - - Force 1538 to 1540 - - - Force 1541 to 1543 - - - Force 1544 to 1546 - - - Force 1547 to 1549 - - - Force 1550 to 1552 - - - Force 1553 to 1555 - - - Force 1556 to 1558 - - - Force 1559 to 1561 - - - Force 1562 to 1564 - - - Force 1565 to 1567 - - - Force 1568 to 1570 - - - Force 1571 to 1573 - - - Force 1574 to 1576 - - - Force 1577 to 1579 - - - Force 1580 to 1582 - - - Force 1583 to 1585 - - - Force 1586 to 1588 - - - Force 1589 to 1591 - - - Force 1592 to 1594 - - - Force 1595 to 1597 - - - Force 1598 to 1599 - - - Force 1600 to 1602 - - - Force 1603 to 1605 - - - Force 1606 to 1608 - - - Force 1609 to 1611 - - - Force 1612 to 1614 - - - Force 1615 to 1617 - - - Force 1618 to 1620 - - - Force 1621 to 1623 - - - Force 1624 to 1626 - - - Force 1627 to 1629 - - - Force 1630 to 1632 - - - Force 1633 to 1635 - - - Force 1636 to 1638 - - - Force 1639 to 1641 - - - Force 1642 to 1644 - - - Force 1645 to 1647 - - - Force 1648 to 1650 - - - Force 1651 to 1653 - - - Force 1654 to 1656 - - - Force 1657 to 1659 - - - Force 1660 to 1662 - - - Force 1663 to 1665 - - - Force 1666 to 1668 - - - Force 1669 to 1671 - - - Force 1672 to 1674 - - - Force 1675 to 1677 - - - Force 1678 to 1680 - - - Force 1681 to 1683 - - - Force 1684 to 1686 - - - Force 1687 to 1689 - - - Force 1690 to 1692 - - - Force 1693 to 1695 - - - Force 1696 to 1698 - - - Force 1699 to 1701 - - - Force 1702 to 1704 - - - Force 1705 to 1707 - - - Force 1708 to 1710 - - - Force 1711 to 1713 - - - Force 1714 to 1716 - - - Force 1717 to 1719 - - - Force 1720 to 1722 - - - Force 1723 to 1725 - - - Force 1726 to 1728 - - - Force 1729 to 1731 - - - Force 1732 to 1734 - - - Force 1735 to 1737 - - - Force 1738 to 1740 - - - Force 1741 to 1743 - - - Force 1744 to 1746 - - - Force 1747 to 1749 - - - Force 1750 to 1752 - - - Force 1753 to 1755 - - - Force 1756 to 1758 - - - Force 1759 to 1761 - - - Force 1762 to 1764 - - - Force 1765 to 1767 - - - Force 1768 to 1770 - - - Force 1771 to 1773 - - - Force 1774 to 1776 - - - Force 1777 to 1779 - - - Force 1780 to 1782 - - - Force 1783 to 1785 - - - Force 1786 to 1788 - - - Force 1789 to 1791 - - - Force 1792 to 1794 - - - Force 1795 to 1797 - - - Force 1798 to 1799 - - - Force 1800 to 1802 - - - Force 1803 to 1805 - - - Force 1806 to 1808 - - - Force 1809 to 1811 - - - Force 1812 to 1814 - - - Force 1815 to 1817 - - - Force 1818 to 1820 - - - Force 1821 to 1823 - - - Force 1824 to 1826 - - - Force 1827 to 1829 - - - Force 1830 to 1832 - - - Force 1833 to 1835 - - - Force 1836 to 1838 - - - Force 1839 to 1841 - - - Force 1842 to 1844 - - - Force 1845 to 1847 - - - Force 1848 to 1850 - - - Force 1851 to 1853 - - - Force 1854 to 1856 - - - Force 1857 to 1859 - - - Force 1860 to 1862 - - - Force 1863 to 1865 - - - Force 1866 to 1868 - - - Force 1869 to 1871 - - - Force 1872 to 1874 - - - Force 1875 to 1877 - - - Force 1878 to 1880 - - - Force 1881 to 1883 - - - Force 1884 to 1886 - - - Force 1887 to 1889 - - - Force 1890 to 1892 - - - Force 1893 to 1895 - - - Force 1896 to 1898 - - - Force 1899 to 1901 - - - Force 1902 to 1904 - - - Force 1905 to 1907 - - - Force 1908 to 1910 - - - Force 1911 to 1913 - - - Force 1914 to 1916 - - - Force 1917 to 1919 - - - Force 1920 to 1922 - - - Force 1923 to 1925 - - - Force 1926 to 1928 - - - Force 1929 to 1931 - - - Force 1932 to 1934 - - - Force 1935 to 1937 - - - Force 1938 to 1940 - - - Force 1941 to 1943 - - - Force 1944 to 1946 - - - Force 1947 to 1949 - - - Force 1950 to 1952 - - - Force 1953 to 1955 - - - Force 1956 to 1958 - - - Force 1959 to 1961 - - - Force 1962 to 1964 - - - Force 1965 to 1967 - - - Force 1968 to 1970 - - - Force 1971 to 1973 - - - Force 1974 to 1976 - - - Force 1977 to 1979 - - - Force 1980 to 1982 - - - Force 1983 to 1985 - - - Force 1986 to 1988 - - - Force 1989 to 1991 - - - Force 1992 to 1994 - - - Force 1995 to 1997 - - - Force 1998 to 1999 - - - Force 2000 to 2002 - - - Force 2003 to 2005 - - - Force 2006 to 2008 - - - Force 2009 to 2011 - - - Force 2012 to 2014 - - - Force 2015 to 2017 - - - Force 2018 to 2020 - - - Force 2021 to 2023 - - - Force 2024 to 2026 - - - Force 2027 to 2029 - - - Force 2030 to 2032 - - - Force 2033 to 2035 - - - Force 2036 to 2038 - - - Force 2039 to 2041 - - - Force 2042 to 2044 - - - Force 2045 to 2047 - - - Force 2048 to 2050 - - - Force 2051 to 2053 - - - Force 2054 to 2056 - - - Force 2057 to 2059 - - - Force 2060 to 2062 - - - Force 2063 to 2065 - - - Force 2066 to 2068 - - - Force 2069 to 2071 - - - Force 2072 to 2074 - - - Force 2075 to 2077 - - - Force 2078 to 2080 - - - Force 2081 to 2083 - - - Force 2084 to 2086 - - - Force 2087 to 2089 - - - Force 2090 to 2092 - - - Force 2093 to 2095 - - - Force 2096 to 2098 - - - Force 2099 to 2101 - - - Force 2102 to 2104 - - - Force 2105 to 2107 - - - Force 2108 to 2110 - - - Force 2111 to 2113 - - - Force 2114 to 2116 - - - Force 2117 to 2119 - - - Force 2120 to 2122 - - - Force 2123 to 2125 - - - Force 2126 to 2128 - - - Force 2129 to 2131 - - - Force 2132 to 2134 - - - Force 2135 to 2137 - - - Force 2138 to 2140 - - - Force 2141 to 2143 - - - Force 2144 to 2146 - - - Force 2147 to 2149 - - - Force 2150 to 2152 - - - Force 2153 to 2155 - - - Force 2156 to 2158 - - - Force 2159 to 2161 - - - Force 2162 to 2164 - - - Force 2165 to 2167 - - - Force 2168 to 2170 - - - Force 2171 to 2173 - - - Force 2174 to 2176 - - - Force 2177 to 2179 - - - Force 2180 to 2182 - - - Force 2183 to 2185 - - - Force 2186 to 2188 - - - Force 2189 to 2191 - - - Force 2192 to 2194 - - - Force 2195 to 2197 - - - Force 2198 to 2199 - - - Force 2200 to 2202 - - - Force 2203 to 2205 - - - Force 2206 to 2208 - - - Force 2209 to 2211 - - - Force 2212 to 2214 - - - Force 2215 to 2217 - - - Force 2218 to 2220 - - - Force 2221 to 2223 - - - Force 2224 to 2226 - - - Force 2227 to 2229 - - - Force 2230 to 2232 - - - Force 2233 to 2235 - - - Force 2236 to 2238 - - - Force 2239 to 2241 - - - Force 2242 to 2244 - - - Force 2245 to 2247 - - - Force 2248 to 2250 - - - Force 2251 to 2253 - - - Force 2254 to 2256 - - - Force 2257 to 2259 - - - Force 2260 to 2262 - - - Force 2263 to 2265 - - - Force 2266 to 2268 - - - Force 2269 to 2271 - - - Force 2272 to 2274 - - - Force 2275 to 2277 - - - Force 2278 to 2280 - - - Force 2281 to 2283 - - - Force 2284 to 2286 - - - Force 2287 to 2289 - - - Force 2290 to 2292 - - - Force 2293 to 2295 - - - Force 2296 to 2298 - - - Force 2299 to 2301 - - - Force 2302 to 2304 - - - Force 2305 to 2307 - - - Force 2308 to 2310 - - - Force 2311 to 2313 - - - Force 2314 to 2316 - - - Force 2317 to 2319 - - - Force 2320 to 2322 - - - Force 2323 to 2325 - - - Force 2326 to 2328 - - - Force 2329 to 2331 - - - Force 2332 to 2334 - - - Force 2335 to 2337 - - - Force 2338 to 2340 - - - Force 2341 to 2343 - - - Force 2344 to 2346 - - - Force 2347 to 2349 - - - Force 2350 to 2352 - - - Force 2353 to 2355 - - - Force 2356 to 2358 - - - Force 2359 to 2361 - - - Force 2362 to 2364 - - - Force 2365 to 2367 - - - Force 2368 to 2370 - - - Force 2371 to 2373 - - - Force 2374 to 2376 - - - Force 2377 to 2379 - - - Force 2380 to 2382 - - - Force 2383 to 2385 - - - Force 2386 to 2388 - - - Force 2389 to 2391 - - - Force 2392 to 2394 - - - Force 2395 to 2397 -

Satur - day 8 a.m.

WEATHER REPORT.

July 25th

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	?	53	49	?	*	*	N	4	4	N	*	ob	*	*
Hernösand ...	29.90	+ .26	57	47	0	*	*	N	4	2	SN	*	ob	*	*
Stockholm ...	29.76	+ .09	63	58	+4	*	*	NSN	2	2	SN	*	b	*	*
Wisby ...	29.89	+ .08	63	60	+3	*	*	SN	2	4	S	*	b	*	*
Christiansund...	29.92	+ .24	52	47	-6	*	*	N	4	6	N	*	bc	*	2
Skudesnaes ...	29.84	+ .08	58	57	+0	*	*	NN	4	?	?	*	b	*	?
Oxö (X'tiansand)	29.73	+ .02	58	54	-1	*	*	NNN	2	4	NSN	*	b	*	1
Skagen (The Skaw)	29.80	+ .07	62	58	+3	*	*	N	2	*	*	*	b	-	*
Fanö ...	29.84	+ .09	67	60	-1	*	*	NE	2	*	*	*	c	-	*
Cuxhaven ...	29.82 f	+ .02	63	60	+1	71	?	NN	3	2	NN	5	bc	-	*
Sumburgh Head															
Stornoway (He- brides.)	29.85 f	+ .04	57	52	+1	60	51	SSE	1	2	N	8	o	-	1
Thurso...	29.82 r	+ .10	55	55	+1	57	53	Z	0	3	NN	9	dg	0.22	2
Wick ...	29.85 r	+ .11	55	55	+1	55	52	Z	0	4	N	10	o	0.14	0
Nairn ...	?	?	59	54	+3	62	52	NN	1	1	E	4	e	-	0
Aberdeen ...	29.86 r	+ .08	59	54	+1	63	54	N	1	3	NNN	3	cb	0.04	0
Leith ...	29.88 r	+ .08	62	57	+10	66	51	N	3	3	E	3	cb	0.13	*
Shields...	29.90 r	+ .15	57	55	-2	63	53	NSN	2	3	NNN	6	bm	-	1
York ...	29.94 r	+ .14	60	56	-1	70	48	N	1	1	N	3	b	0.02	*
Scarborough ...	29.91 r	+ .14	62	59	+1	64	53	N	1	1	E	2	ab	-	1
Nottingham ...	29.94 r	+ .14	61	58	-2	73	46	SSN	2	3	NN	1	t pm	0.01	*
Ardrossan ...	29.89 r	+ .10	60	56	+2	69	51	NNN	2	3	NN	7	e	-	1
Greencastle ...	29.91 f	+ .08	62	57	+2	64	53	N	1	3	N	6	e	-	*
Donaghadee ...	29.92 r	+ .12	61	56	+3	65	55	N	3	6	NN	3	bc	-	2
Kingstown ...	29.98 r	+ .14	57	54	+2	65	55	E	1	4	NNN	5	tc	0.08	1
Holyhead ...	29.95 r	+ .08	60	56	+3	65	56	NNN	1	3	SN	4	bc	-	0
Liverpool (Bidston Obs.)	29.94 r	+ .14	59	55	+8	63	50	N	2	3	NNN	0	cb	0.04	2
Valencia ...	29.95 f	- .01	57	54	-2	64	55	SSN	4	4	SSN	8	r	0.17	4
Roche's Point...	29.95 s	+ .07	60	57	+2	71	54	S	1	5	NN	9	co	-	2
Pembroke ...	29.99 r	+ .12	62	58	+4	63	55	Z	0	2	NNN	2	ab	-	1
Portishead ...	29.95 r	+ .11	65	59	-3	74	51	E	1	7	N	3	lv	0.17	1
Scilly ...	30.03 r	+ .10	63	59	+7	63	55	NNN	3	5	NNN	7	c	-	4
Plymouth ...	30.00 r	+ .10	61	58	+3	69	52	N	1	2	NN	1	cb	0.03	*
Hurst Castle ...	29.96 r	+ .09	60	57	-4	71	52	NE	2	2	NNN	0	pb	0.02	2
Dover ...	29.91 r	+ .06	66	60	-1	68	55	NNE	2	4	NSN	5	e	0.02	2
London ...	29.95 r	+ .10	61	58	-2	73	46	N	1	2	ESE	3	tbm	0.38	*
Oxford...	29.96	+ .12	57	55	-3	72	48	NNN	1	2	N	0	ab	-	*
Cambridge ...	29.95 r	+ .13	59	57	-3	72	47	NN	1	1	NSN	?	tfo	0.12	*
Yarmouth ...	29.93 r	+ .11	60	57	+1	66	53	NN	1	3	SSE	1	pb	0.45	1
Helder...	29.89	+ .11	63	*	+2	*	*	NNN	2	*	*	*	*	*	2
Cape Gris Nez...	29.88 r	+ .02	63	59	+4	67	57	N	1	3	NSN	2	cb	-	1
Brest ...	30.08 r	+ .06	60	58	+2	64	56	NN	3	4	N	5	o	0.28	3
L'Orient ...	?	?	58	56	-3	68	?	NNN	4	5	NNN	3	re	0.24	3
Rochefort ...	30.05 r	- .04	62	60	+1	?	57	N	5	5	NN	6	e	0.16	3
Biarritz ...	30.04 f	- .08	63	61	-3	67	60	NN	7	7	NN	4	re	0.47	4
Corunna ...															
Brussels ...	29.86	+ .01	61	*	0	*	*	NE	3	*	*	*	ro	*	*
Charleville ...	? 29.89	?	57	*	+4	*	*	E	6	*	*	*	e	*	*
Paris ...	29.88 r	- .07	59	*	-2	68	55	N	5	5	N	6	tf	0.24	*
Lyons ...	?	?	64	*	-9	*	*	NN	3	*	*	*	r	*	*
Toulon...	29.86 f	- .13	63	56	-6	77	60	NN	4	5	NN	3	oc	-	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	?	58	54	WSW	2	*	c	2	Valencia ...	30.01	62	56	nn	3	2	6	?
Thurso ...	29.77	54	50	NN	3	9	r	3	Scilly ...	29.93	62	58	NNN	5	4	c	4
Scarborough...	29.80	62	57	E	1	5	c	1	London ...	29.83	64	58	NNN	2	10	ptr	*
Greencastle ...	29.91	62	57	N	3	3	b	*	Rocheport...	30.06	70	61	NN	5	6	c	3
Holyhead ...	29.87	61	57	NN	3	2	b	2									

The barometer continues to rise in the N. and N. and to fall slowly in the S. and SE. The weather has become dull and cool in London with thunder lightning and some rain.

EXPLANATION OF COLUMNS.

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

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

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

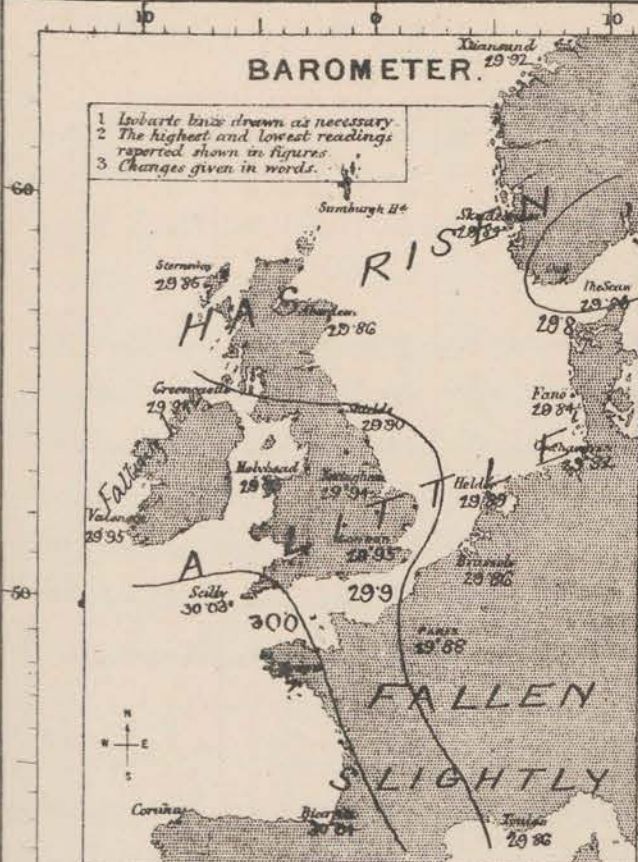
WEATHER CHARTS

AND REMARKS FOR

SATURDAY 25TH JULY 1874 AT 8 A.M.

BAROMETER.

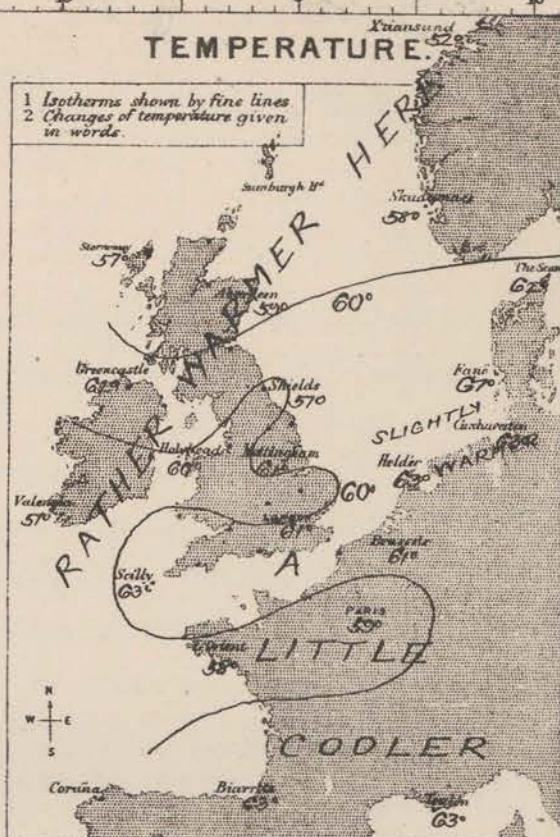
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The rise of the barometer at the northern stations has continued, and extended over the whole of Ireland, and the North Sea, while in the southern parts of France the fall has continued, and in Ireland a fresh fall has commenced in the night. Readings are highest over the Bay of Biscay but gradients over our islands remain very slight.

TEMPERATURE.

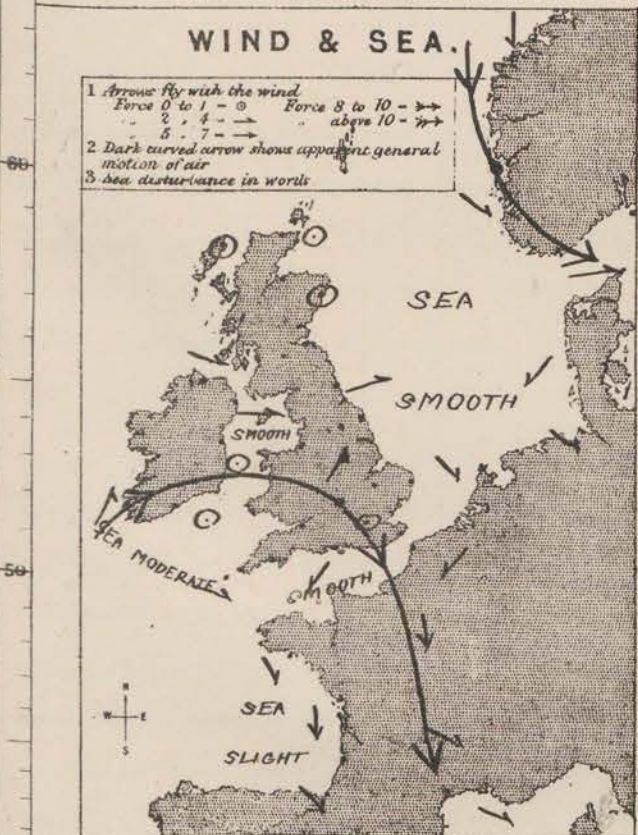
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen somewhat in the north west and north of our islands, but fallen in many parts of England and France. In London it fell to 46° in the shade, and to 39° on the grass during the night.

WIND & SEA.

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



Moderate N. to NW breezes now prevail at the French stations, and light winds from the same quarters over the North Sea. In our islands, however, very variable air and calms are reported. In the south of Ireland a light S. breeze has shown itself. The sea is moderate in the south west, very smooth on our other coasts.

CLOUD, RAIN &c.

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



Showers have fallen in several places, accompanied in many instances by thunder and lightning. In the south and south west of London the fall was rather heavy, with much thunder and lightning. The sky is moderately clear in the south and east, less so elsewhere.

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 Lane, 22, Bedford St. Covent Garden

SUMMARY OF WEATHER IN WESTERN EUROPE

from JULY 19th to JULY 25th 1874.

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

During the first two days of this period the barometer was falling slowly but pressures over Wⁿ Europe were remarkably uniform. On the 21st a shallow depression passed over our Islands and the North Sea and a slight recovery took place. Since then the changes have been very slight and irregular. The winds have been light and variable chiefly from the Wⁿ with calms in Scotland. Temperature, which was very high during the first part of the week, fell considerably towards its close and in London, on the grass, was only 7° above freezing point on Friday night. The sky has been cloudy except in the SE. and rain has fallen generally, but in very small quantities unless where thunderstorms occurred.

JULY 19th - A decrease of the barometer had occurred over the whole of Wⁿ Europe but the fall had been very uniform and gradients were extremely slight everywhere. The winds were very light on all coasts and continued generally E^{ly} over our Islands and NW^{ly} or W^{ly} over Norway and Denmark. Temperature had risen a little over France and also at our extreme Wⁿ stations but had fallen over central England; during the day, however, the air became very dry and the thermometer reached nearly 90° in that district. The sky was generally clear but fog prevailed at some stations during the early morning.

JULY 20th - A slight further fall of the barometer had taken place generally, but readings had become still more uniform, the difference between the maximum and minimum readings over Wⁿ Europe amounting to less than 0.3 of an inch. Winds were consequently extremely light and variable. Temperature had decreased a little in the NW. but had risen considerably over central and SE^{ly} England, and reached 90° in the shade in London and over 85° at our other inland stations. The sky was cloudy generally especially in the N. of Scotland where rain was falling.

JULY 21st - A slight rise of the barometer had occurred in the SW. of France and an area of high pressure lay over the N. of Spain. At the same time a depression had advanced to our NW. coasts and the mercury had fallen rather briskly in the N. of Ireland, the lowest reading was found at Newcastle and gradients were rather steeper than of late. The wind was W^{ly} or NW^{ly} at our S^{ly} stations and had freshened a little during the night; in the N. however, calms or very light E^{ly} airs prevailed with a S^{ly} or SW^{ly} breeze over Denmark. Temperature had fallen several degrees in the S. of England and to a less extent elsewhere. Thunder was heard at Stornoway and Scarborough and the sky was generally cloudy. During the day showers fell in many places and thunderstorms occurred in the N. and E. of England and at Cais (Denmark) a very heavy one was experienced.

JULY 22nd - The depression noticed over our Islands yesterday had travelled on to the S. of Norway and the mercury had risen slightly over these Islands and France. In the latter country an area of high pressure had been formed and the gradient from Paris to Stettin was 0.55 in. per 50 mls. The wind had shifted to the SE^{ly} at Valencia but light W^{ly} or WNW^{ly} breezes were experienced on most

other coasts, freshening a little in the neighbourhood of the Netherlands. Temperature had again decreased a little and the highest reading, recorded during the day, was only 74° at Cambridge. Some rain had fallen and the sky was generally cloudy.

JULY 23rd — Readings were generally lower than on the previous day except in the N. of Scotland but during the night a recovery had set in at all the N^w and N^e stations. The highest pressure still lay over France and the lowest over Scandinavia but gradients had decreased to 0.03 in. per 50 mls. Calms were reported from the N. of Scotland but elsewhere N^e breezes again prevailed drawing into SW. in the S. of Norway, but in force they were generally stronger than of late. Temperature had changed very irregularly but the weather on the whole was much cooler during the day. Thunder was reported from Aethaen and the sky was cloudy generally.

JULY 24th — The barometer had fallen generally at our Est stations while it had risen somewhat in the N. and N^w. The highest reading lay over the N. of Spain and the Sst portion of the Bay of Biscay and the lowest over Scandinavia but gradients were slight everywhere. Slight N^e breezes continued general except in the N. and N^w of our Islands and France where they had veered to NW. Temperature was lower generally and during the night had fallen to 42° on the grass in London. Heavy rainfalls were reported from South and Liverpool and showers had occurred generally with thunder and lightning in some places. During the day the mercury continued to rise in the N. and N^w but to fall elsewhere, in London a slight thunderstorm occurred at 2 pm.

JULY 25th — The rise of the mercury in the N., noticed yesterday had continued and extended over the whole of our Islands and the North Sea, but in the S. of France a slight decrease was reported, and, during the night a fresh fall had set in at Valencia. An area of low pressure lay over the Gulf of Bothnia but gradients were very slight. The wind still held from the NWst over France and light N^e or NWst breezes were reported from the Est shores of the North Sea. In these Islands however, the wind had fallen very light and variable. Temperature again fell in France and Central England and the thermometer, on the grass, had been as low as 39° in London, during the past night. The sky was moderately clear in the S. and E. cloudy elsewhere. In the afternoon the barometer was falling rather briskly in the N. —

Sun-day 8 a.m.

WEATHER REPORT.

July 26th

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 5.
	At 8 A.M. — 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 ...	29.91	- .15	57	50	+ 4	*	*	SW	4	2	SW	*	b	*	*
Hernösand ...	29.86	- .04	59	52	+ 2	*	*	SW	2	0	L	*	b	*	*
Stockholm ...	29.80	+ .04	60	53	- 3	*	*	NE	2	2	E	*	b-c	*	*
Wisby ...	29.87	- .02	62	59	- 1	*	*	NE	4	2	N	*	r	*	*
Christiansund ...	29.81	- .11	58	52	+ 6	*	*	NE	4	6	NNE	*	b	*	2
Skudesnaes ...	29.80	- .04	62	58	+ 4	*	*	L	0	0	L	*	ab	*	2
Oxö (X'Hansand) ...	29.78	+ .05	59	55	+ 1	*	*	N	2	2	SSW	*	b	*	2
Skagen (The Skaw) ...	29.80	.00	61	58	- 1	*	*	NN	2	*	*	*	c	—	*
Fanö ...	29.84	.00	60	58	- 7	*	*	L	0	*	*	*	b	0.12	*
Cuxhaven ...	29.86f	+ .04	64	59	+ 1	?	58	NNN	1	3	N	2	cb	—	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.48f	- .37	60	58	+ 3	63	53	SSE	4	4	SSE	5	oe	0.04	4
Thurso ...	29.53f	- .29	60	55	+ 5	64	52	SSE	3	2	SSE	3	a	0.02	2
Wick ...	29.57f	- .28	58	56	+ 3	63	55	S	3	3	S	5	c	0.01	2
Nairn ...	29.55f	?	59	57	0	69	55	L	0	1	NN	10	cd	0.03	0
Aberdeen ...	29.63f	- .23	57	56	- 2	64	52	L	0	3	S	10	bd	0.01	1
Leith ...	29.61f	- .27	57	57	- 5	69	54	S	3	4	NSW	10	re	0.17	*
Shields ...	29.63f	- .27	60	56	+ 3	64	56	SW	3	3	ESE	9	o	0.08	1
York ...	29.72f	- .22	56	55	- 4	71	54	S	2	2	S	10	ad	0.08	*
Scarborough ...	29.67f	- .24	57	52	- 5	64	55	S	4	2	SE	10	co	0.61	3
Nottingham ...	29.69f	- .25	57	57	- 4	78	55	SSE	3	4	SSE	10	tpt	0.09	*
Ardrossan ...	29.56f	- .33	59	57	- 1	67	57	SSW	3	3	SSW	7	c	0.21	3
Greencastle ...	29.53f	- .38	60	57	- 2	66	55	SSW	4	5	SSW	9	ro	0.50	*
Donaghadee ...	29.63f	- .29	60	57	- 1	66	54	N	6	6	N	5	re	0.28	4
Kingstown ...	29.65f	- .33	58	54	+ 1	65	56	N	1	4	SSE	5	ic	0.56	4
Holyhead ...	29.64f	- .31	60	57	0	69	56	SSW	3	4	SSW	4	re	0.53	2
Liverpool (Bidston Obs.) ...	29.63f	- .31	58	57	- 1	69	54	N	3	3	SE	10	co	0.10	2
Valencia ...	29.70f	- .25	59	56	+ 2	62	54	N	5	6	N	6	p	0.30	6
Roche's Point ...	29.63f	- .32	59	56	- 1	65	52	N	4	5	SSW	7	re	0.38	4
Pembroke ...	29.71f	- .20	60	57	- 2	68	58	N	3	7	SSW	8	op	0.54	2
Portishead ...	29.72f	- .23	69	63	+ 4	75	54	NSW	3	5	NSW	7	pe	0.23	2
Scilly ...	29.81f	- .22	62	59	- 1	65	58	N	5	6	S	6	oe	0.40	4
Plymouth ...	29.76f	- .24	62	60	+ 1	69	56	SW	1	3	SW	3	re	0.59	*
Hurst Castle ...	29.73f	- .23	64	62	+ 4	72	57	NN	3	6	S	10	do	0.22	4
Dover ...	29.81f	- .10	59	57	- 7	68	59	SSW	4	3	NSW	7	ad	0.04	3
London ...	29.74f	- .21	60	59	- 1	74	55	SSW	3	4	SSW	10	abo	0.02	*
Oxford ...	29.72	- .24	58	55	+ 1	78	55	S	2	2	S	10	rd	0.17	*
Cambridge ...	29.75f	- .20	58	55	- 1	74	56	SSE	1	1	SW	10	cr	0.03	*
Yarmouth ...	29.79f	- .14	60	58	0	66	58	SW	1	4	SSE	8	tpt	0.04	2
Helder ...															
Cape Gris Nez ...	29.83f	- .05	60	58	- 3	72	59	NSW	3	1	N	8	bo	0.04	2
Brest ...	?	?	60	?	0	66	56	NNN	3	5	NNN	10	mo	0.12	?
L'Orient ...															
Rochefort ...	30.05f	- .00	66	59	+ 4	?	59	N	5	5	NN	10	co	—	3
Biarritz ...	30.09f	+ .05	64	61	+ 1	69	59	S	3	5	NN	5	me	—	3
Corunna ...	30.16		67	*		*	*	N	3	*	*	*	c	*	2
Brussels ...	29.89	+ .03	63	*	+ 2	*	*	NE	3	*	*	*	c	*	*
Charleville ...	29.95	+ .06	57	*	0	*	*	S	3	*	*	*	c	*	*
Paris ...	29.94f	+ .06	59	*	0	?	57	?	?	?	?	?	?	—	*
Lyons ...	?	?	68	*	+ 4	*	*	N	3	*	*	*	c	*	*
Toulon ...	29.84f	- .02	64	55	+ 1	71	59	NN	7	8	NN	2	cb	—	6

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.85	61	57	?	4	*	c	2	Valencia ...	29.81	62	60	N	4	8	r	5
Thurso ...	29.78	58	56	SSE	1	?	d	1	Scilly ...	30.03	62	61	NSW	4	8	r	4
Scarborough...	29.89	60	58	SE	2	7	c	2	London ...	29.92	70	59	N	1	7	c	*
Greencastle ...	29.80	66	59	SSW	3	10	c	*	Rochefort...	30.09	67	60	NN	5	6	c	3
Holyhead ...	29.91	67	61	SSW	2	4	c	1									

Pressure has decreased rather briskly in Ireland while it has increased a little over the Bay of Biscay. The wind has veered to N. at Valencia but the rain continues there and is also falling at Thurso.

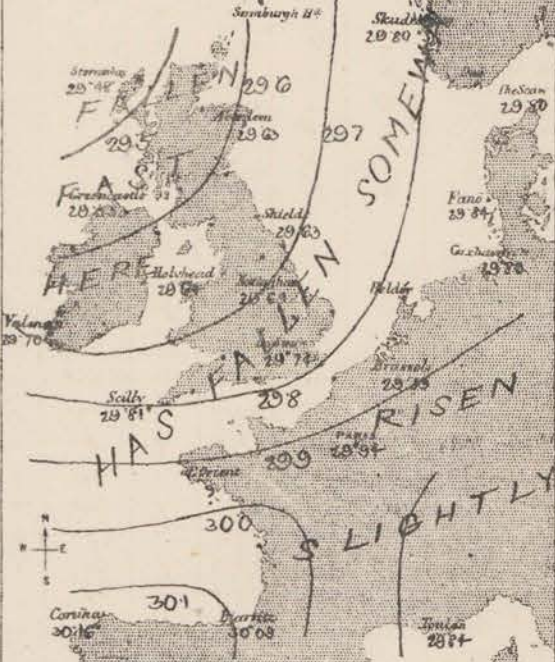
EXPLANATION OF COLUMNS.

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

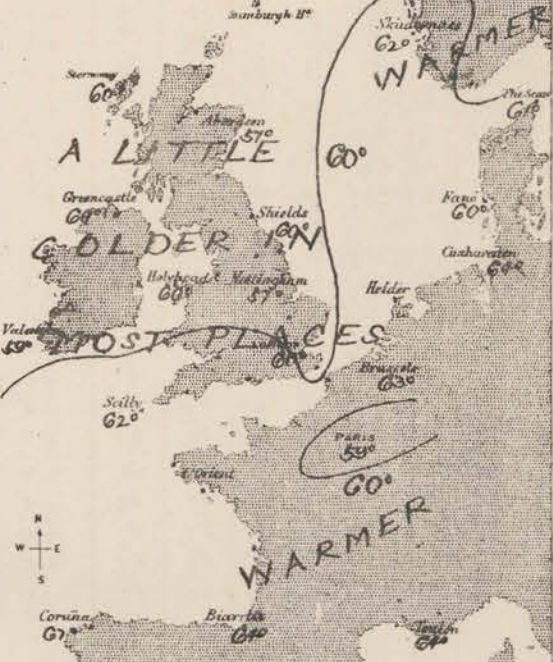
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

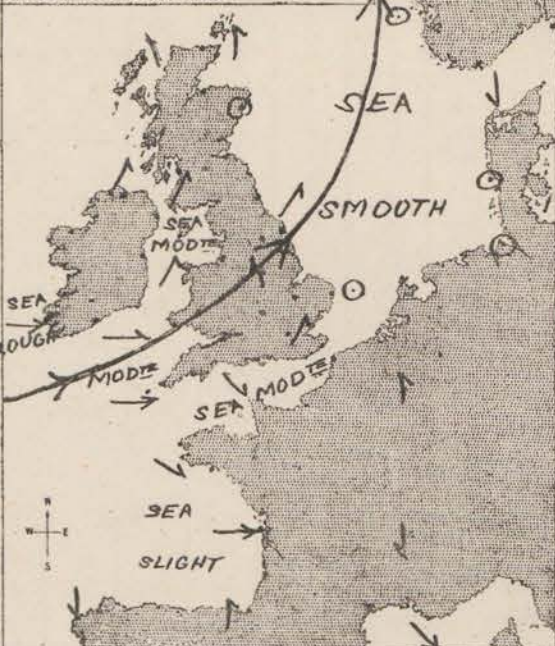
SUNDAY 26TH JULY 1874 AT 8 A.M.



During the past twenty-four hours a brisk decrease of pressure has set in over our Islands, commencing in the west, where the fall has been greatest. The Continental stations, however, have not yet been affected by the change, and readings are consequently less uniform than they have been of late. The gradient from Paris to Bournemouth is 2.6 in. per 50 miles.



Temperature has risen a little at most of the foreign stations, but fallen in many parts of the United Kingdom.



Rather fresh W^{ly} winds are reported from our sailing western stations and the Bay of Biscay. In the north and east of these Islands the wind blows round to S, and is light. Variable and generally prevalent in Norway and Denmark. The sea is rough off the south west of Ireland; moderate in the west and north generally.



Rain has fallen generally, heavily in some places; and thunderstorms have occurred at Nottingham and Yarmouth. The sky is very cloudy generally.

*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^{et}, Westminster, S.W.
ROBERT H. SCOTT, Director.

Dangerfield Lith. 22 Bedford St. Covent Garden.

Mon-day 8 a.m.

WEATHER REPORT.

July 27th 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 ...	29.81	-.10	62	56	+6	*	*	S	1	2	S	*	co	*	*
Hernösand ...	29.75	-.11	62	57	+3	*	*	Z	0	0	Z	*	be	*	*
Stockholm ...	29.74	-.06	61	57	+1	*	*	Z	0	0	Z	*	o	*	*
Wisby ...	29.90	+.03	62	59	0	*	*	N	4	6	N	*	c	*	*
Christiansund...	29.80	-.01	57	53	-1	*	*	NNE	4	4	NNE	*	bc	*	2
Skudesnaes ...	29.76	-.04	64	60	+2	*	*	ESE	4	0	Z	*	b	*	3
Oxö (X'tiansand)	29.78	.00	59	56	0	*	*	NNE	2	4	NSN	*	b	*	1
Skagen (The Skaw)	29.82	+.02	61	58	0	*	*	NSN	1	*	*	*	b	-	*
Fanö ...	29.75	-.09	68	64	+8	*	*	S	2	*	*	*	b	-	*
Cuxhaven ...	29.78f	-.03	65	61	+1	?	57	SSN	2	1	ENE	1	b	-	*
Sumburgh Head															
Stornoway (Hobridges)	29.47r	-.01	60	58	?	65	53	SSE	3	4	SSE	3	cb	0.06	4
Thurso...	29.47f	-.06	61	57	+1	66	54	S	2	5	SSE	5	gc	0.01	2
Wick ...	29.54r	-.03	58	57	0	60	54	SSE	2	4	SSE	3	ob	-	2
Nairn ...	29.53r	-.02	60	57	+1	62	55	Z	0	1	N	6	dc	0.09	1
Aberdeen ...	29.58r	-.05	60	57	+3	62	52	S	1	2	S	1	fb	0.08	1
Leith ...	29.59r	-.02	60	56	+3	68	52	?SN	2	3	N	5	e	0.03	*
Shields...	29.61f	-.02	62	57	+2	63	53	N	2	4	SN	8	co	-	1
York ...	29.69r	-.03	63	57	+7	69	50	SSN	1	1	N	6	c	-	*
Scarborough ...	29.67r	.00	62	58	+5	64	52	SN	2	3	S	3	dt	-	?
Nottingham ...	29.71r	+.02	66	61	+9	74	50	SN	3	3	SN	5	r	0.01	*
Ardrossan ...	29.56r	.00	59	54	0	66	57	SSN	4	4	SSN	6	e	-	4
Greencastle ...	29.53r	.00	56	53	-4	62	55	SSN	5	5	SSN	9	po	0.30	*
Donaghadee ...	29.57r	-.06	56	54	-4	65	51	NSN	5	6	N	4	pc	0.19	4
Kingstown ...	29.63r	-.02	58	53	0	66	55	NSN	1	5	N	5	e	0.01	1
Holyhead ...	29.65r	+.01	58	56	-2	66	55	SSN	3	4	SSN	3	cb	-	3
Liverpool (Bidston Obs.)	29.66r	+.03	59	53	+1	68	53	SSN	2	5	SN	3	cb	-	3
Valencia ...	29.59f	-.11	55	53	-4	64	52	NSN	3	6	N	7	f	0.52	6
Roche's Point...	29.63f	.00	61	57	+2	68	53	SSN	2	5	N	6	e	-	3
Pembroke ...	29.70s	-.01	61	56	+1	64	56	NSN	2	4	N	7	pc	-	3
Portishead ...	29.71r	-.01	61	57	-8	72	55	SN	3	6	NNN	10	go	-	2
Scilly ...	29.73f	-.08	62	59	0	65	58	SN	4	5	N	7	pc	-	5
Plymouth ...	29.74f	-.02	61	57	-1	68	56	N	1	3	SN	10	sm	-	*
Hurst Castle ...	29.77r	+.04	62	59	-2	72	60	NSN	2	5	N	10	bfp	0.05	2
Dover ...	29.77r	-.04	62	59	+0	64	57	NSN	3	4	NSN	5	be	0.03	3
London ...	29.76r	+.02	62	59	+2	74	55	SN	2	4	SSN	10	bc	-	*
Oxford...	29.74	+.02	61	57	+3	74	53	SSN	1	3	N	10	ag	-	*
Cambridge ...	29.75r	.00	64	59	+6	74	52	SN	1	1	SN	10	cm	-	*
Yarmouth ...	29.75r	-.04	62	58	+2	63	56	N	2	4	S	5	oc	0.01	1
Helder...	29.76	?	66	*	?	*	*	SN	5	*	*	*	*	-	2
Cape Gris Nez...	29.79r	-.04	62	58	+2	68	57	NSN	4	5	NSN	8	bo	-	3
Brest ...	29.82f	?	61	59	+1	69	58	SSN	3	4	N	10	o	0.04	3
L'Orient ...															
Rochefort ...	29.89f	-.16	68	62	+2	?	64	N	4	7	N	10	o	-	3
Biarritz ...	29.87f	-.22	68	61	+4	73	62	SE	3	3	N	4	e	-	3
Corunna ...						*	*			*	*	*	*	-	*
Brussels ...	29.84	-.05	62	*	-1	*	*	SN	?	*	*	*	c	-	*
Charleville ...	29.87	-.08	65	*	+8	*	*	SN	3	*	*	*	c	-	*
Paris ...	29.85r	-.09	63	*	+4	68	59	SN	5	7	SSN	8	rc	0.24	*
Lyons ...	?	?	68	*	0	*	*	SE	1	*	*	*	c	-	*
Toulon...															

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

Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.76	62	57	NSN	2	*	Valencia ...						
Thurso ...							Scilly ...						
Scarborough ...							London ...						*
Greencastle ...						*	Rochefort ...	30.02	64	62	N	7	10 r 3
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.

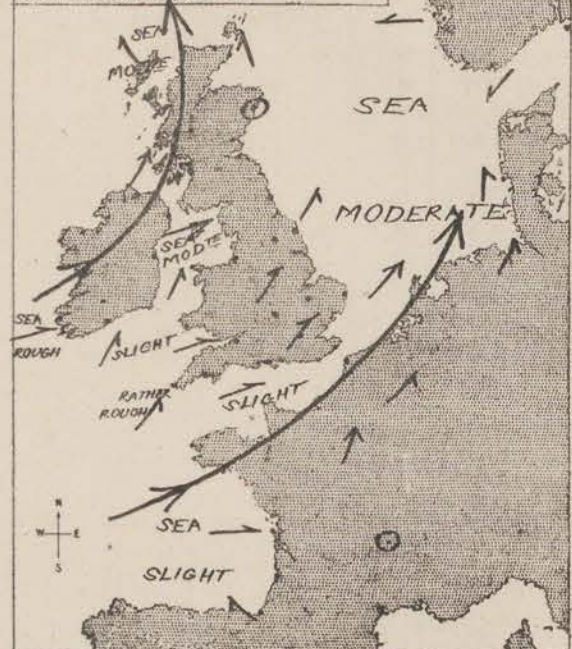
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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 27TH JULY 1874 AT 8 A.M.



Temperature has risen somewhat in the east and south-east but fallen in the west, and is low generally for the time of year.



A little rain fell in several places yesterday. The sky is overcast in the north, rather cloudy at our northern stations, but clear in Denmark.

Dangerfield Lith. London.

Tues-day 8 a.m.

WEATHER REPORT.

July 28th

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 ...	29.85	+ .04	60	53	-3	*	*	NE	2	2	W	*	cb	*	*
Hernösand ...	29.84	+ .09	60	58	-2	*	*	Z	0	0	Z	*	L	*	*
Stockholm ...	29.87	+ .13	66	60	+5	*	*	Z	0	2	SSE	*	of	*	*
Wisby ...	29.89	- .01	63	61	+1	*	*	N	2	2	W	*	b	*	*
Christiansund ...	29.79	- .01	64	58	+7	*	*	NNE	4	2	N	*	cb	*	1
Skudesnaes ...	29.70	- .03	59	58	-5	*	*	SE	4	4	S	*	r	*	3
Oxö (X'tiansand) ...	29.80	+ .02	?	?	?	*	*	?	?	4	E	*	-c	*	?
Skagen (The Skaw) ...	29.80	- .02	66	65	+5	*	*	SSE	2	*	*	*	c	-	*
Fanö ...	29.78	+ .03	70	65	+5	*	*	SN	2	*	*	*	b	*	*
Cuxhaven ...	29.78f	.00	67	64	+2	?	59	S	1	2	SN	5	cb	-	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.60r	+ .10	61	58	+1	64	47	NE	1	4	S	0	b	-	1
Thurso ...	29.61r	+ .14	60	57	-1	69	46	S	1	3	S	5	of	-	1
Wick ...	29.64r	+ .10	57	57	-1	65	45	S	2	3	S	10	atf	-	2
Nairn ...	29.63r	+ .10	57	54	-3	67	46	NE	1	1	NE	1	otf	0.11	1
Aberdeen ...	29.63r	+ .05	57	56	-3	65	51	Z	0	3	S	10	am	-	0
Leith ...	29.61f	+ .02	53	53	-7	69	47	ESE	2	3	SN	9	cr	0.16	*
Shields ...	29.60f	- .01	59	56	-3	67	56	W	2	3	SN	8	or	0.06	1
York ...	29.67f	- .02	58	56	-5	72	52	S	1	1	SN	8	cr	0.02	*
Scarborough ...	29.63f	- .04	64	60	+2	68	56	SSN	2	3	SE	7	c	-	2
Nottingham ...	29.64f	- .07	60	60	-6	72	52	SSE	3	4	SSE	10	tp	0.13	*
Ardrossan ...	29.58f	+ .02	54	52	-5	66	52	NE	2	4	SSN	7	cr	0.04	1
Greencastle ...	29.56f	+ .03	57	55	+1	62	56	ESE	4	?	SN	9	cr	0.04	*
Donaghadee ...	29.53f	- .04	56	55	0	62	52	S	4	5	NSN	5	c	0.18	3
Kingstown ...	29.55f	- .08	55	53	-3	65	53	SE	1	6	SSE	3	alb	0.11	1
Holyhead ...	29.56f	- .09	59	56	+1	68	55	SSN	2	3	SSN	3	rtb	0.10	1
Liverpool (Bidston Obs.) ...	29.59f	- .07	57	54	-2	68	54	SE	2	3	SN	6	c	0.10	2
Valencia ...	29.52f	- .07	59	55	+4	63	56	S	5	3	NSN	4	c	-	3
Roche's Point ...	29.53f	- .10	58	56	-3	67	49	SSE	3	3	SN	3	ctb	0.26	3
Pembroke ...	29.57f	- .13	60	56	-1	66	56	SN	1	4	S	6	q/p	0.18	2
Portishead ...	29.56f	- .15	64	59	+3	70	54	S	3	4	SN	7	ro	0.64	2
Scilly ...	29.58f	- .15	60	57	-2	69	57	SN	2	6	NSN	7	p	0.09	4
Plymouth ...	29.61f	- .13	60	58	-1	68	55	SSE	1	4	SSE	8	ro	0.46	*
Hurst Castle ...	29.64f	- .13	62	61	0	72	59	SN	3	4	SN	7	ep	0.24	3
Dover ...	29.69f	- .08	65	61	+3	65	58	ESE	2	3	SN	4	c	0.06	2
London ...	29.67f	- .09	63	61	+1	70	54	S	1	2	SN	10	cro	0.48	*
Oxford ...	29.64	- .10	59	58	-2	71	54	SE	1	2	S	10	or	0.17	*
Cambridge ...	29.67f	- .08	60	59	-4	72	52	S	1	1	SSN	10	p	0.05	*
Yarmouth ...	29.71f	- .04	62	61	0	66	56	S	3	4	S	5	ro	0.14	2
Helder ...	29.73	- .03	65	*	-1	*	*	NE	1	*	*	*	*	*	2
Cape Gris Nez ...															
Brest ...	29.69f	- .13	61	57	0	66	57	SN	3	5	SN	10	o	0.08	4
L'Orient ...															
Rochefort ...	29.85f	- .04	65	60	-3	?	63	SN	4	5	SN	6	oc	-	3
Biarritz ...	29.87f	.00	66	64	-2	73	64	SE	1	3	W	9	or	-	5
Corunna ...															
Brussels ...															
Charleville ...	29.81	- .06	61	*	-4	*	*	SE	3	*	*	*	o	*	*
Paris ...	29.78f	- .07	63	*	0	86	55	S	3	5	SN	10	co	0.04	*
Lyons ...	?	?	72	*	+4	*	*	SE	1	*	*	*	o	*	*
Toulon ...	29.99f	.00	64	62	-8	82	62	E	4	1	SN	3	bf	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.76	66	59	S	2	*	0	3	Valencia ...	29.57	61	57	nsn	3	6	c	6
Thurso ...	29.52	65	58	S	2	6	c	2	Scilly ...	29.69	68	62	ssn	5	6	c	5
Scarborough...	29.67	63	59	SE	3	9	0	2	London ...	29.74	67	61	ssn	2	9	orc	*
Greencastle ...	29.54	62	57	nsn	4	6	c	*	Rochefort...	29.91	68	63	sn	5	10	0	3
Holyhead ...	29.66	65	60	ssn	3	2	b	2									

The barometer has risen slightly in the N. of Scotland and at Rochefort but elsewhere the changes are very slight. At Valencia the sea continues rough.

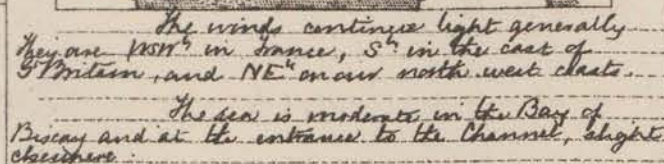
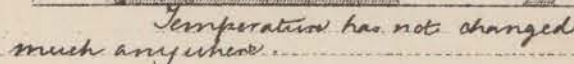
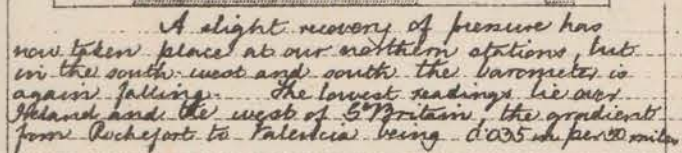
EXPLANATION OF COLUMNS.

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

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

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

TUESDAY 28TH JULY 1874 AT 8 A.M.



Paris has fallen in most places.
In London the fall amounts to nearly half an
inch. Thunder has occurred in the west
and north. The sky is moderately clear in the
west, but cloudy and the weather stormy elsewhere.

Frederick Dangerfield, Lib.

Wednesday day 8 a.m.

WEATHER REPORT.

July 29th

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.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29.99	+ .14	70	57	+10	*	*	S	2	2	SN	*	bc	*	*
Hernösand ...	29.93	+ .09	61	60	+1	*	*	Z	0	0	Z	*	cb	*	*
Stockholm ...	29.91	+ .04	70	61	+4	*	*	SE	2	2	S	*	bc	*	*
Wisby ...	30.01	+ .12	69	63	+6	*	*	S	4	2	E	*	bc	*	*
Christiansund ...	29.76	- .03	62	58	-2	*	*	ESE	4	2	NSN	*	cb	*	1
Skudesnaes ...	29.69	- .04	62	57	+3	*	*	ESE	4	2	S	*	bc	*	2
Oxö (Christiansund) ...	29.69	- .11	63	61	?	*	*	NNE	4	2	E	*	bc	*	2
Skagen (The Skaw) ...	29.72	- .08	55	64	-1	*	*	SE	2	*	*	*	c	-	*
Fanö ...	29.65	- .13	66	64	-7	*	*	S	4	*	*	*	c	0.12	*
Cuxhaven ...	29.69f	- .09	65	63	-2	76	?	SSN	2	1	S	5	c	0.03	*
Sumburgh Head ...															
Stornoway (H. bidden) ...	29.63r	+ .03	59	57	-2	64	48	Z	0	1	NE	0	bc	-	0
Thurso ...	29.61s	.00	61	59	+1	70	50	S	1	3	S	0	mb	-	1
Wick ...	29.63r	- .01	58	57	+1	65	53	S	2	2	S	5	c	-	1
Nairn ...	29.63s	.00	58	55	+1	64	46	Z	0	1	NE	4	etc	0.19	0
Aberdeen ...	29.67r	+ .04	61	59	+4	66	54	SSN	1	1	SSE	7	c	-	0
Leith ...	29.69r	+ .02	59	57	+6	70	50	N	3	2	SE	5	tlc	0.21	*
Shields ...	29.69r	+ .09	59	56	0	62	50	NN	2	3	SE	9	to	0.12	0
York ...	29.69r	+ .02	56	55	-2	66	47	N	1	1	N	8	etc	0.24	*
Scarborough ...	29.67r	+ .04	60	58	-4	66	51	N	1	3	SE	7	oc	0.19	1
Nottingham ...	29.70r	+ .06	62	59	+2	72	51	SN	1	3	NNN	0	ptf	0.02	*
Ardrossan ...	29.70r	+ .12	58	56	+4	78	50	SSN	1	2	NNE	0	ctm	0.10	1
Greencastle ...	29.73r	+ .17	61	57	+4	64	52	SN	1	4	ESE	1	cb	-	*
Donaghadee ...	29.72r	+ .19	60	58	+4	65	47	N	3	4	S	2	cb	-	2
Kingstown ...	29.76r	+ .21	56	54	+1	63	52	NNN	3	5	SE	1	ctb	0.16	3
Holyhead ...	29.73r	+ .17	59	56	0	67	55	NNN	2	2	SSN	1	cb	-	1
Liverpool (Bidston Obs.) ...	29.70r	+ .11	61	56	+4	67	55	N	3	3	N	3	cb	0.03	1
Valencia ...	29.82r	+ .30	59	55	0	64	55	N	3	3	N	3	cb	-	2
Roche's Point ...	29.76r	+ .23	58	55	0	68	52	NNN	4	4	NNN	4	tpc	0.23	3
Pembroke ...	29.75r	+ .18	59	57	-1	70	53	N	1	3	NSN	2	pc	0.07	1
Portishead ...	29.71r	+ .15	64	60	0	70	48	N	1	3	NSN	2	pb	0.06	1
Scilly ...	29.76r	+ .18	60	58	0	68	57	N	3	5	SSN	4	pc	0.04	4
Plymouth ...	29.73r	+ .12	62	59	+2	67	53	N	3	3	N	1	cf	-	*
Hurst Castle ...	29.72r	+ .08	66	62	+4	72	56	N	1	3	SN	2	cb	-	0
Dover ...	29.67r	- .02	67	60	+2	68	56	NNE	1	3	SN	3	b	0.02	1
London ...	29.70r	+ .03	61	58	-2	72	49	NNN	2	2	S	0	pcb	0.10	*
Oxford ...	29.70	+ .06	61	57	+2	72	51	N	1	4	S	5	c	0.03	*
Cambridge ...	29.68r	+ .01	62	57	+2	71	48	NN	1	1	SN	0	ptb	-	*
Yarmouth ...	29.70r	- .01	60	58	-2	67	55	Z	0	4	SSE	5	bc	0.01	1
Helder ...	29.68	- .05	64	*	-1	*	*	SN	2	*	*	*	*	*	2
Cape Gris Nez ...	29.67s	- .03	61	59	+1	70	57	Z	0	3	NSN	6	rc	0.04	1
Brest ...	29.76r	+ .07	60	58	-1	66	55	NNN	3	4	SN	1	cb	0.08	3
L'Orient ...															
Rochefort ...	29.75r	- .10	64	57	-1	?	61	NSN	4	5	SN	4	cc	0.28	3
Biarritz ...	29.83r	- .04	61	59	-5	66	58	SN	7	7	NN	10	r	1.98	4
Corunna ...															
Brussels ...	29.70	?	64	*	?	*	*	SN	3	*	*	*	c	*	*
Charleville ...	29.73	- .08	61	*	0	*	*	S	3	*	*	*	r	*	*
Paris ...	29.71r	- .07	60	*	-3	73	59	N	3	7	NSN	10	to	0.51	*
Lyons ...	?	?	66	*	-6	*	*	N	3	*	*	*	rt	*	*
Toulon ...	29.91f	- .08	65	65	+1	76	62	E	5	4	SE	10	fr	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.78	64	60	S	4	*	b	5	Valencia ...	29.70	63	58	N	3	2	b	3
Thurso ...	29.60	68	60	S	1	3	c	1	Scilly ...	29.58	66	61	SSN	5	6	fb	4
Scarborough...	29.63	59	57	SE	3	9	c	2	London ...	29.65	66	60	S	2	10	ro	*
Greencastle ...	29.59	64	57	S	1	6	c	*	Rochefort...	29.84	72	63	N	5	7	a	3
Holyhead ...	29.70	62	58	SSN	2	4	c	1									

The barometer has begun to rise briskly at Valencia where the wind has backed round to the N^W with clear weather. Elsewhere very little change has occurred.

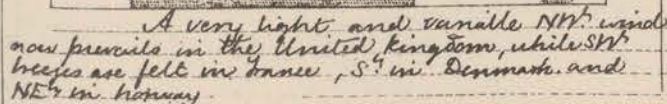
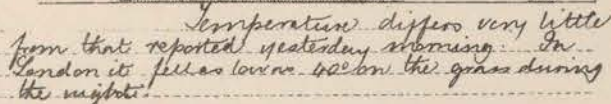
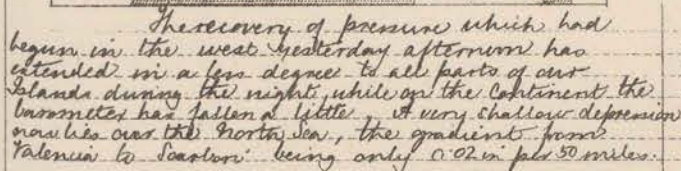
EXPLANATION OF COLUMNS.

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

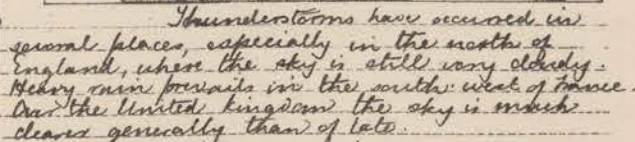
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

WEDNESDAY 29TH JULY 1874 AT 8 A.M.



The sea is smooth.



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

Dangerfield Lith. London

July 30th day 8 a.m.

WEATHER REPORT.

July 30th

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)					Dirce.
Haparanda ...	29.94	- .05	53	56	-7	*	*	S	4	2	S	*	b	*	*
Hernösand ...	29.79	- .14	60	59	-1	*	*	S	4	2	S	*	cr	*	*
Stockholm ...	29.79	- .12	75	63	+5	*	*	SSW	4	6	SE	*	of	*	*
Wisby ...	29.97	- .04	73	64	+4	*	*	S	4	4	SE	*	b	*	*
Christiansund ...	29.56	- .20	58	58	-4	*	*	NSW	4	2	N	*	cr	*	2
Skudesnaes ...	29.65	- .04	60	58	-2	*	*	NSW	4	2	SSW	*	co	*	3
Oxö (X'tiansand) ...	29.69	- .00	60	59	-3	*	*	NSW	2	4	SW	*	cb	*	2
Skagen (The Skaw) ...	29.71	- .01	61	60	-4	*	*	NN	2	*	*	*	r	0.24	*
Fanö ...	29.73	+ .08	67	63	+1	*	*	NN	4	*	*	*	b	0.16	*
Cuxhaven ...	29.76r	+ .07	63	62	-2	71	?	NNW	4	2	NNE	5	oo	0.25	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.66r	+ .03	57	54	-2	68	50	NSW	4	4	NSW	10	po	0.07	3
Thurso ...	29.62r	+ .01	59	53	-2	67	49	NSW	3	3	NSW	6	e	0.09	3
Wick ...	29.67r	+ .04	57	57	-1	65	47	N	2	5	N	4	to	-	1
Nairn ...	29.72	+ .09	59	54	+1	72	52	SW	1	1	SW	1	cb	-	0
Aberdeen ...	29.73r	+ .06	60	52	-1	67	54	NN	2	2	NN	0	cb	-	0
Leith ...	29.80r	+ .11	61	57	+2	74	54	N	3	3	N	2	cb	-	*
Shields ...	29.81r	+ .12	61	57	+2	64	54	NN	3	3	SE	5	c	-	?
York ...	?	?	62	59	+6	73	50	N	1	2	NN	7	e	-	*
Scarborough ...	29.84r	+ .17	62	59	+2	63	53	NSW	2	1	NNE	9	bo	-	1
Nottingham ...	29.91r	+ .21	62	59	0	75	47	NNW	2	4	NNW	5	ato	-	*
Ardrossan ...	29.83r	+ .13	60	54	+2	71	58	NN	3	3	NN	5	c	0.01	2
Greencastle ...	29.86r	+ .13	60	54	-1	66	55	SW	3	3	SW	10	cg	-	*
Donaghadee ...	29.87r	+ .15	59	56	-1	68	52	NEN	3	5	NE	4	c	-	2
Kingstown ...	?	?	58	54	+2	67	56	NNW	4	4	NNW	6	c	-	3
Holyhead ...	29.93r	+ .20	59	56	0	69	57	N	3	2	NNW	4	bo	-	2
Liverpool (Bidston Obs.) ...	29.90r	+ .20	60	56	-1	66	56	N	3	4	N	9	bo	-	2
Valencia ...	30.01r	+ .19	60	56	+1	66	55	N	3	3	NN	6	c	-	3
Roche's Point ...	30.00r	+ .24	59	55	+1	72	53	NN	3	4	SW	3	b	-	2
Pembroke ...	29.98r	+ .23	59	55	0	64	58	NN	2	2	?	4	bo	-	2
Portishead ...	29.96r	+ .25	67	62	+3	74	53	SW	3	6	NNW	5	qo	-	1
Scilly ...	30.04r	+ .28	60	56	0	66	59	NNW	5	5	NNW	6	c	0.01	4
Plymouth ...	30.01r	+ .28	62	60	0	73	53	N	1	3	N	8	bf	-	*
Hurst Castle ...	29.99r	+ .27	65	60	-1	75	55	NNW	3	3	NNW	3	pb	0.05	2
Dover ...	29.93r	+ .26	66	57	-1	69	58	NN	3	3	NSW	3	b	-	2
London ...	29.95r	+ .25	65	60	+4	74	50	N	2	2	NN	2	cb	-	*
Oxford ...	?	?	61	56	0	74	50	N	1	1	NNW	3	cb	-	*
Cambridge ...	29.94r	+ .26	63	58	+1	72	48	NSW	1	1	NN	2	tb	0.12	*
Yarmouth ...	29.91r	+ .21	61	58	+1	67	53	NNW	2	2	SE	1	ptm	0.09	1
Helder ...	29.85	+ .17	64	*	0	*	*	NNW	4	*	*	*	*	*	2
Cape Gris Nez ...	29.94r	+ .27	64	60	+3	71	60	L	0	3	NSW	5	cf	-	1
Brest ...	30.11r	+ .35	62	60	+2	67	57	SW	1	4	NNW	10	bo	-	3
L'Orient ...															
Rocheport ...	30.11r	+ .36	63	61	-1	?	58	NNW	5	7	NN	0	cb	-	3
Biarritz ...	30.15r	+ .32	66	62	+5	68	61	N	5	8	N	6	rc	0.83	4
Corunna ...															
Brussels ...	29.91	+ .21	59	*	-5	*	*	N	3	*	*	*	c	*	*
Charleville ...	29.91	+ .18	61	*	0	*	*	N	3	*	*	*	b	*	*
Paris ...	29.97r	+ .26	60	*	0	71	56	NNW	5	5	NNW	0	ob	-	*
Lyons ...	?	?	64	*	-2	*	*	NE	3	*	*	*	r	*	*
Toulon ...	29.78f	- .13	60	53	-5	72	57	NN	8	5	NN	4	bf	0.16	6

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

	Bar.	Dry.	Wet.	Wind.	O.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wca.	Sea.		
Skudesnaes ...	29.63	62	60	2	0	*	7	2	Valencia ...	29.88	63	57	nn	3	5	c	3
Thurso ...	29.59	61	59	s	2	3	c	1	Scilly ...	29.88	65	60	nn	4	3	b	4
Scarborough...	29.72	61	59	n	1	2	b	1	London ...	29.74	67	59	nn	2	9	c	*
Greencastle ...	29.74	65	61	nn	1	7	c	*	Rocheport...	29.81	68	59	nn	4	6	c	3
Holyhead ...	29.80	66	59	sw	2	1	b	1									

The barometer has continued to rise except in the N. of Scotland, where it has fallen slightly, with a light S. wind.

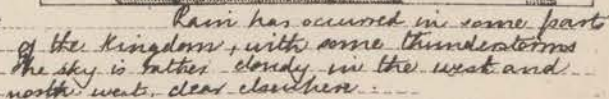
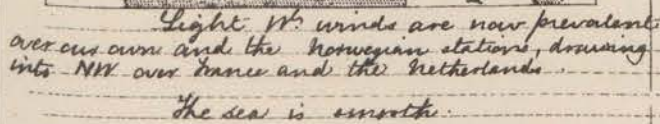
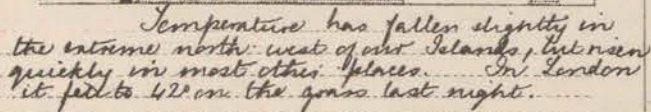
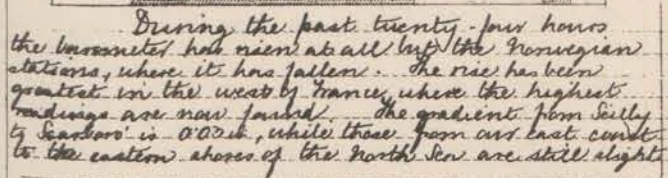
EXPLANATION OF COLUMNS.

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

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

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

THURSDAY 30TH JULY 1874 AT 8 A.M.



Dangerfield, Lth: 22 Bedford St. Covent Ga.

day 8 a.m.

WEATHER REPORT.

July 31st

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 3.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...	29.66	-.28	61	55	-2	*	*	S	6	2	S	*	cc	*	*
Hernösand ...	29.50	-.29	62	60	+2	*	*	S	2	6	S	*	cc	*	*
Stockholm ...	29.63	-.16	61	59	-14	*	*	NSW	4	2	SSW	*	ro	*	*
Wisby ...	29.86	-.11	63	60	-10	*	*	W	4	4	S	*	c	*	*
Christiansund ...	29.62	+.06	56	51	-2	*	*	SSW	4	2	SSW	*	ra	*	3
Skudesnaes ...	29.76	+.11	61	57	+1	*	*	SSW	4	2	NNW	*	bc	*	3
Oxö (X'tiansand)	29.84	+.15	58	54	-2	*	*	W	4	4	NSW	*	b	*	2
Skagen (The Skaw)	29.78	+.07	62	57	+1	*	*	NNW	6	*	*	*	b	0.08	*
Fanö ...	29.91	+.18	68	61	+1	*	*	W	4	*	*	*	c	-	*
Cuxhaven ...	29.97	+.21	66	63	+3	?	50	W	2	3	NNW	5	c	-	*
Sumburgh Head															
Stornoway (Hebrides)	29.64	-.02	55	52	-2	63	49	W	6	6	W	6	pa	0.15	5
Thurso ...	29.66	+.04	59	54	0	67	50	SW	3	5	NSW	6	c	0.08	3
Wick ...	29.71	+.04	56	52	-1	66	51	W	3	4	W	5	c	-	1
Nairn ...	29.74	+.02	61	54	+2	66	54	SW	2	2	SW	4	c	-	1
Aberdeen ...	29.78	+.05	61	55	+1	70	50	SW	2	3	W	7	bc	-	1
Leith ...	29.87	+.07	60	58	-1	69	53	W	4	4	W	5	bc	-	*
Shields ...	29.84	+.03	61	54	0	68	50	W	3	3	NN	7	co	-	1
York ...	29.99	?	63	58	+1	72	53	S	1	3	NN	2	b	-	*
Scarborough ...	29.95	+.11	64	59	+2	70	54	NSW	2	2	W	3	ob	-	2
Nottingham ...	30.02	+.11	61	59	-1	76	52	S	2	4	NNN	9	cm	-	*
Ardrossan ...	29.88	+.05	60	55	0	66	58	SW	3	5	NNN	6	c	-	0
Greencastle ...	29.84	-.02	57	55	-2	64	56	SSW	4	4	SSW	10	or	0.09	*
Donaghadee ...	29.90	+.03	59	56	0	70	52	SW	3	5	NSW	10	co	-	2
Kingstown ...	29.90	?	61	57	+3	69	58	S	1	5	W	10	cm	-	1
Holyhead ...	29.98	+.05	60	58	+1	66	58	SSW	4	4	SSW	6	cm	-	3
Liverpool (Bidston Obs.)	29.98	+.08	61	56	+1	65	58	S	1	4	W	10	co	-	1
Valencia ...	30.02	+.01	?	?	?	65	56	NSW	3	4	NNN	8	p	0.09	3
Roche's Point...	30.02	+.02	62	58	+3	71	54	NSW	3	4	NSW	8	co	-	3
Pembroke ...	30.05	+.07	60	58	+1	63	58	W	3	3	W	10	bm	-	3
Portishead ...	30.06	+.10	62	59	-5	74	52	S	1	5	W	10	cm	-	1
Scilly ...	30.13	+.09	62	61	+2	66	59	NSW	4	5	W	8	co	0.01	4
Plymouth ...	30.11	+.10	64	62	+2	73	60	NSW	2	3	NNN	10	co	-	*
Hurst Castle ...	30.10	+.11	64	60	-1	75	56	NNN	2	4	NNN	10	bo	-	2
Dover ...	30.06	+.13	68	60	+2	75	57	NNN	3	3	NSW	3	b	-	2
London ...	30.08	+.13	67	62	+2	78	50	SW	2	2	NSW	2	bc	-	*
Oxford ...	30.08	?	61	57	0	75	51	NSW	1	4	W	3	cb	-	*
Cambridge ...	30.06	+.12	64	59	+1	75	50	SW	1	1	SW	3	cb	-	*
Yarmouth ...	30.06	+.15	62	59	+1	72	57	W	2	2	NNN	3	bm	-	1
Helder ...	30.02	+.17	64	*	0	*	*	NNN	4	*	*	*	*	-	2
Cape Gris Nez...	30.06	+.12	63	59	-1	71	59	W	0	4	NNN	0	b	-	1
Brest ...	30.21	+.10	61	59	-1	70	59	SW	1	3	W	10	o	-	3
L'Orient ...	?	?	?	?	?	74	?	c	1	4	NNN	9	s	-	2
Rocheport ...	30.19	+.08	65	61	+2	?	63	NN	3	5	NN	0	cb	-	3
Biarritz ...	30.17	+.02	66	61	0	70	60	ESE	3	4	W	4	cf	-	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.09	+.18	59	*	0	*	*	W	3	*	*	*	?	*	*
Charleville ...	30.13	+.22	54	*	-7	*	*	NNN	1	*	*	*	o	*	*
Paris ...	30.13	+.16	61	*	+1	74	54	NNN	5	7	NNN	6	bc	-	*
Lyons ...	?	?	66	*	+2	*	*	W	3	*	*	*	b	*	*
Toulon ...	29.88	+.10	72	65	+12	72	54	NN	4	8	NN	2	ob	-	?

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

Stations.	Bar.	Dry.	Wet.	Wind.	C.	W.	S.	Stations.	Bar.	Dry.	Wet.	Wind.	C.	W.	S.
Skudesnaes ...	29.69	62	58	W	6	*	c	Valencia ...	30.05	60	56	W	4	8	m
Thurso ...	29.64	66	56	NSW	3	6	c	Scilly ...	30.10	66	60	W	5	4	c
Scarborough ...	29.87	68	61	W	2	5	c	London ...	29.97	72	60	W	2	8	c
Greencastle ...	29.87	63	57	SW	2	10	o	Rocheport ...	30.10	68	61	W	5	0	b
Holyhead ...	29.98	63	58	SSW	4	7	m								

No important change.

EXPLANATION OF COLUMNS.

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

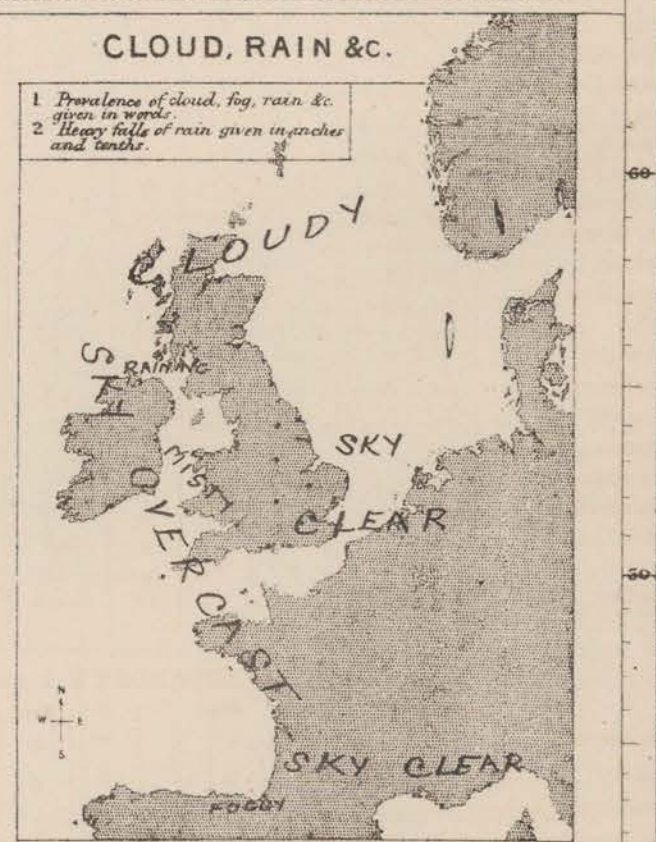
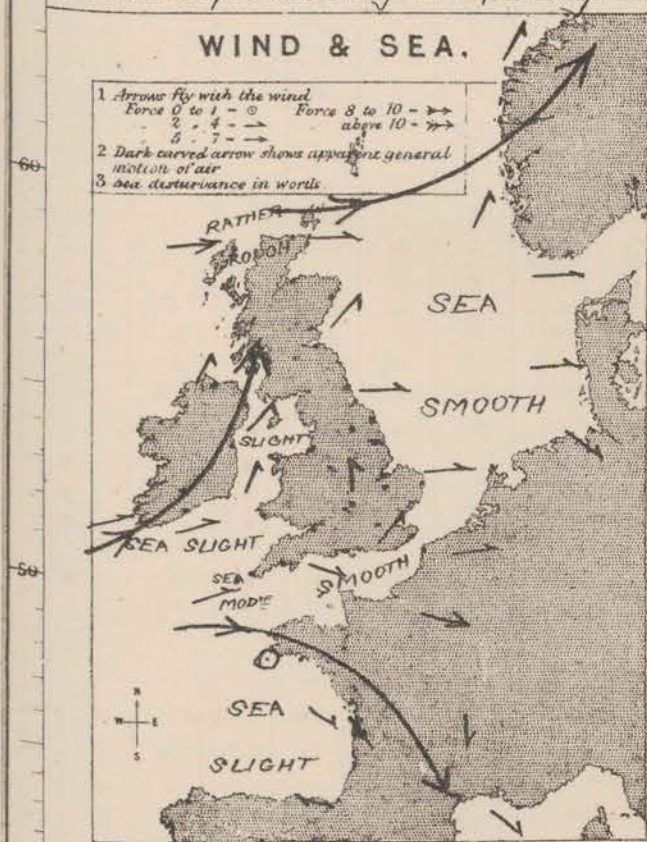
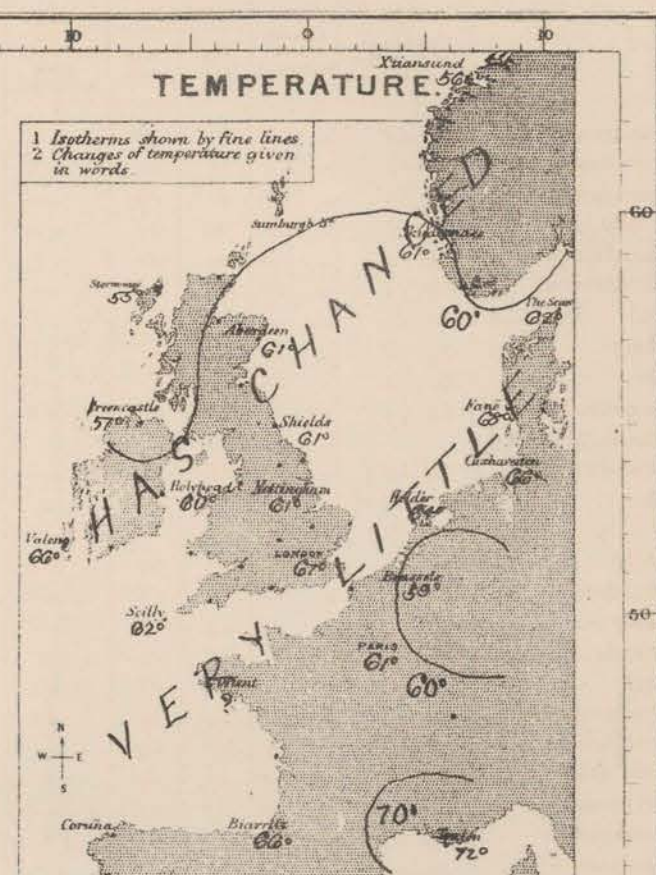
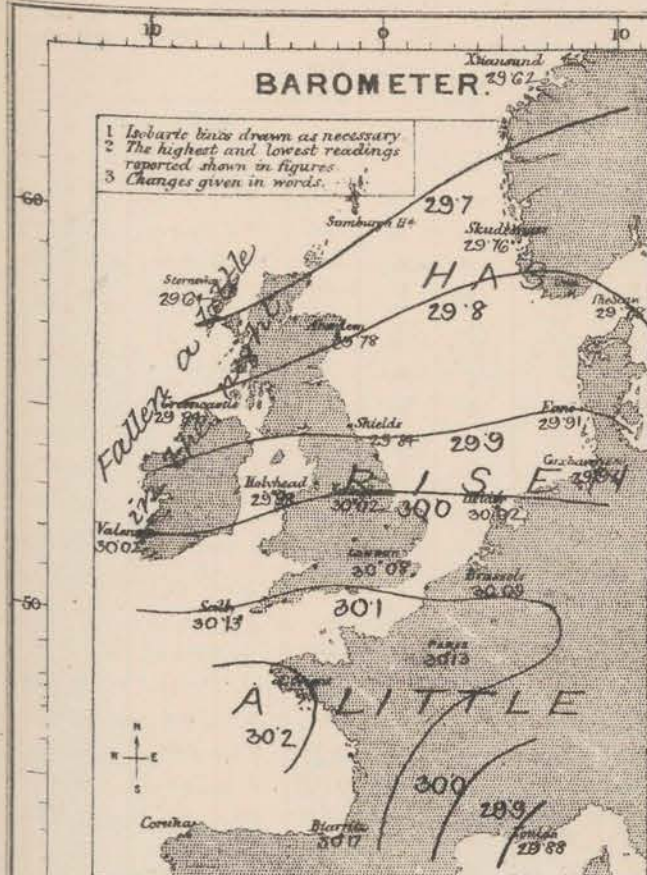
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

FRIDAY 31ST JULY 1874 AT 8 A.M.



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

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

Dangerfield, 15th London

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 5.	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.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)						Dirac.
1 st	Lumburgh Ht.	29.57f	-.15	51	51	+1	56	48	SE	4	4	S	10	om	0.07	3	20 th
2 nd	Lumburgh Ht.	29.52f	-.03	52	52	+1	56	47	SE	5	4	NNE	10	md	0.05	3	21 st
	Coturnea	30.04	—	70	*	—	*	*	NW	3	*	*	*	b	*	1	22 nd
	Paris	30.04f	-.15	75	*	+15	82	55	SE	5	4	SW	0	cb	—	*	23 rd
3 rd	Lumburgh Ht.	29.46f	-.10	55	54	+3	59	52	SSW	4	6	S	7	up	0.03	5	24 th
	Coturnea	30.25	+ .21	72	*	+2	*	*	SW	?	*	*	*	b	*	2	25 th
4 th	Lumburgh Ht.	29.46r	+ .02	57	55	+2	60	54	SSW	6	5	SSW	5	rc	0.06	5	26 th
	Coturnea	30.41	+ .16	71	*	-1	*	*	S	3	*	*	*	b	*	1	27 th
5 th	Lumburgh Ht.	29.62r	+ .08	50	50	-7	59	49	WNW	6	6	SSW	5	pc	0.04	4	28 th
6 th	Lumburgh Ht.	30.05r	+ .43	50	49	0	52	43	W	4	6	WNW	5	oc	—	3	29 th
	Coturnea	30.11	—	76	*	—	*	*	NE	3	*	*	*	b	*	1	30 th
7 th	Lumburgh Ht.	29.97f	-.08	53	52	+3	54	49	W	4	4	WSW	8	co	—	3	31 st
	Coturnea	30.07	-.04	71	*	-5	*	*	NE	6	*	*	*	c	*	5	1 st
8 th	Lumburgh Ht.	29.87f	-.10	56	55	+3	57	54	SSW	4	4	WSW	8	a	—	3	2 nd
	Coturnea	30.16	+ .09	67	*	-4	*	*	NE	6	*	*	*	b	*	5	3 rd
9 th	Lumburgh Ht.	29.91f	+ .04	57	55	+1	60	55	S	5	4	SSW	6	ow	—	5	4 th
	Paris	30.13r	+ .06	75	*	+3	91	68	NW	1	4	NNE	0	cb	—	*	5 th
10 th	Lumburgh Ht.	30.11r	+ .20	57	54	0	61	48	W	3	5	SSW	3	wc	—	2	6 th
	Coturnea	30.29	—	?	*	—	*	*	NE	?	*	*	*	a	*	1	7 th
11 th	Lumburgh Ht.	30.05f	-.06	55	53	-2	61	52	WNW	3	3	W	5	c	—	3	8 th
12 th	Lumburgh Ht.	30.07r	+ .02	50	48	-5	61	47	NE	1	1	WSW	4	c	—	2	9 th
13 th	Haparanda	30.02	-.06	65	60	+7	*	*	WSW	2	2	S	*	c	*	*	10 th
	Hernösand	30.10	+ .06	68	63	+7	*	*	W	2	2	S	*	c	*	*	11 th
	Stockholm	29.88	-.14	73	61	+4	*	*	SE	4	2	SSE	*	c	*	*	12 th
	Wisby	29.96	-.10	66	62	-6	*	*	S	2	2	SW	*	ro	*	*	13 th
	Lumburgh Ht.	30.06s	-.01	50	48	0	55	42	NNW	1	1	NE	5	bc	—	1	14 th
	Coturnea	30.06	—	72	*	—	*	*	NE	3	*	*	*	b	*	2	15 th
14 th	Haparanda	—	+ .02	—	—	+1	—	—	—	—	—	—	—	—	—	—	16 th
	Hernösand	—	+ .31	—	—	-7	—	—	—	—	—	—	—	—	—	—	17 th
	Stockholm	—	-.04	—	—	-14	—	—	—	—	—	—	—	—	—	—	18 th
	Wisby	—	+ .05	—	—	-9	—	—	—	—	—	—	—	—	—	—	19 th
	Lumburgh Ht.	29.97r	-.09	55	53	+5	61	50	S	3	0	Z	5	c	—	2	20 th
	Coturnea	29.93	-.13	74	*	+2	*	*	NE	1	*	*	*	b	*	2	21 st
	Paris	30.10f	-.07	73	*	+6	78	59	E	?	3	?	0	b	—	*	22 nd
15 th	Lumburgh Ht.	30.07r	+ .10	53	51	-2	58	45	NNE	3	4	SE	5	oc	—	3	23 rd
16 th	Lumburgh Ht.	30.27r	+ .20	53	50	0	57	43	NNE	3	3	NNE	4	c	—	3	24 th
	Coturnea	30.14	—	66	*	—	*	*	N	3	*	*	*	a	*	1	25 th
17 th	Lumburgh Ht.	30.18f	-.09	53	52	0	58	45	SE	1	2	NNE	5	c	—	2	26 th
18 th	Lumburgh Ht.	30.22r	+ .04	56	56	+3	59	50	E	2	4	SSE	10	om	—	2	27 th
	Coturnea	30.14	—	61	*	—	*	*	NW	?	*	*	*	b	*	1	28 th
19 th	Lumburgh Ht.	30.09f	-.13	56	54	0	61	49	E	3	3	NE	10	m	—	2	29 th
20 th	Haparanda	—	?	—	—	?	—	—	—	—	—	—	—	—	—	—	30 th
	Hernösand	—	+ .07	—	—	-2	—	—	—	—	—	—	—	—	—	—	31 st
	Stockholm	—	-.03	—	—	-1	—	—	—	—	—	—	—	—	—	—	1 st
	Wisby	—	-.07	—	—	0	—	—	—	—	—	—	—	—	—	—	2 nd
	Christiansund	—	-.23	—	—	+5	—	—	—	—	—	—	—	—	—	—	3 rd
	Skudesnäs	—	-.20	—	—	+1	—	—	—	—	—	—	—	—	—	—	4 th
	Orö	—	-.17	—	—	0	—	—	—	—	—	—	—	—	—	—	5 th
	Skagen	—	-.15	—	—	+10	—	—	—	—	—	—	—	—	—	—	6 th
	Tanö	—	-.22	—	—	-2	—	—	—	—	—	—	—	—	—	—	7 th
	Lumburgh Ht.	29.85f	-.24	55	55	-1	65	50	Z	0	3	SE	10	m	—	2	8 th
	Cape Orö deg	—	-.17	—	—	0	—	—	—	—	—	—	—	—	—	—	9 th
	Forest	—	-.02	—	—	-5	—	—	—	—	—	—	—	—	—	—	10 th
	Q'vint	—	?	—	—	-1	—	—	—	—	—	—	—	—	—	—	11 th
	Rocheport	—	-.08	—	—	-1	—	—	—	—	—	—	—	—	—	—	12 th
	Biarritz	—	+ .03	—	—	0	—	—	—	—	—	—	—	—	—	—	13 th
	Brussels	—	-.20	—	—	-8	—	—	—	—	—	—	—	—	—	—	14 th
	Charleville	—	-.20	—	—	0	—	—	—	—	—	—	—	—	—	—	15 th

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

Sea Disturb- ance 0 to 5.	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.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)					Dirce.
	20 th	Paris	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	"	Lyon	—	?	—	—	+ 2	—	—	—	—	—	—	—	—	—	
3	"	Toulon	—	—	—	—	+ 4	—	—	—	—	—	—	—	—	—	
3	21 st	Sumburgh H.	29.64f	—	55	55	0	61	52	NNE	2	0	Z	10	m	2	
1	"	Liverpool	29.69f	—	60	58	—	68	56	SW	1	3	W	9	go	0	
2	22 nd	Sumburgh H.	29.54f	—	52	51	—	57	50	N	5	4	N	10	do	3	
2	23 rd	Sumburgh H.	29.61f	—	53	52	—	57	49	WNW	5	6	WNW	9	o	2	
2	24 th	Sumburgh H.	29.65f	—	54	54	—	56	50	WNW	5	5	WNW	10	or	2	
5	"	Corunna	30.23	—	66	*	—	*	*	N	?	*	*	*	b	1	
1	25 th	Sumburgh H.	29.85f	—	55	55	—	57	50	E	3	1	E	10	do	2	
4	"	Corunna	30.23	—	68	*	—	*	*	NE	1	*	*	*	b	1	
3	26 th	Sumburgh H.	29.68f	—	55	55	—	59	52	S	5	5	SE	9	o	4	
1	27 th	Sumburgh H.	29.60f	—	56	55	—	61	52	SSE	4	4	SSE	10	o	3	
3	"	Corunna	29.97	—	62	*	—	*	*	NW	?	*	*	*	po	1	
5	"	Toulon	29.99f	—	72	61	—	79	66	E	1	7	NW	1	b	3	
3	28 th	Sumburgh H.	29.67f	—	54	54	—	63	51	SSE	2	3	SSE	10	m	2	
5	"	Cape Breton	29.70f	—	60	58	—	67	58	Z	0	3	WSW	7	o	1	
5	"	Corunna	29.94	—	66	*	—	*	*	ESE	3	*	*	*	b	2	
2	"	Bussaco	29.81	—	66	*	—	*	*	SW	3	*	*	*	c	4	
1	29 th	Sumburgh H.	29.65f	—	56	56	—	60	52	SSE	3	1	SSE	10	m	3	
1	"	Corunna	30.06	—	65	*	—	*	*	S	3	*	*	*	c	5	
3	30 th	Sumburgh H.	29.60f	—	57	54	—	62	52	W	4	3	S	5	mc	4	
2	"	Le Orient	?	—	59	57	—	73	?	NW	1	4	NW	1	cb	2	
2	"	Corunna	30.10	—	67	*	—	*	*	SW	3	*	*	*	c	1	
2	31 st	Sumburgh H.	29.62f	—	55	53	—	61	53	W	5	4	W	6	cp	5	
2	"	Corunna	30.05	—	69	*	—	*	*	NW	?	*	*	*	b	1	
2. CORRECTIONS																	
1	1 st	Scarborough	—	—	—	—	—	69	—	—	—	—	—	—	—	—	
2	2 nd	Nottingham	—	—	—	—	—	69	—	—	—	—	—	—	—	—	
1	3 rd	Scarborough	—	—	—	—	—	79	—	—	—	—	—	—	—	—	
—	"	Dover	—	—	—	—	—	—	—	—	—	2	—	—	—	—	
—	5 th	Androsan	29.98f	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	6 th	Androsan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	7 th	Holyhead	30.15f	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	8 th	Ozi	—	—	—	52	—	—	—	—	—	—	—	—	—	—	
3	11 th	Thurso	—	—	—	58	54	—	—	—	—	—	—	—	—	—	
3	12 th	Kingstown	—	—	—	—	—	—	—	—	—	—	—	—	0.04	—	
1	13 th	Holyhead	30.07f	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	"	Portishead	—	—	—	—	—	—	60	—	—	—	—	—	—	—	
2	14 th	Holyhead	30.00f	—	—	—	—	—	—	—	—	—	—	—	—	—	
1	15 th	Scarboro'	30.10f	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	"	Bonaghadee	—	—	—	—	—	—	—	WSW	2	—	—	—	b	—	
—	16 th	Dover	30.10f	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	"	Scarborough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	"	Dover	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	"	London	—	—	—	—	—	—	80	—	—	—	—	—	—	—	
—	18 th	Yarmouth	30.32f	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	24 th	Holyhead	—	—	—	—	—	—	—	NNW	—	—	—	—	—	—	
—	19 th	York	—	—	—	—	—	—	—	SSE	—	—	—	—	—	—	
—	20 th	Hurst Castle	—	—	—	—	—	—	—	—	—	—	—	—	bc	—	
—	21 st	Holyhead	29.69f	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	22 nd	York	29.81f	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	"	Bonaghadee	29.81f	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	"	Holyhead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	24 th	Thurso	—	—	—	—	—	—	—	WNW	—	—	—	—	—	—	
—	23 rd	Hurst Castle	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	25 th	Cambridge	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	29 th	Androsan	—	—	—	—	—	—	68	—	—	—	—	—	—	—	
—	30 th	Kingstown	29.94f	—	—	—	—	—	—	—	—	—	—	—	—	—	